■ 청도2교 대구방향(S5~S7)
상부 output

S A P 2 0 0 0 (R)

Structural Analysis Programs

Nonlinear Version 7.42

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9 Dec 2015 08:56:10

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D I S P L A C E M E N T D E G R E E S O F F R E E D O M

(A) = Active DOF, equilibrium equation
(-) = Restrained DOF, reaction computed
(+) = Constrained DOF
(>) = External substructure DOF
( ) = Null DOF

JOINTS	U1	U2	U3	R1	R2	R3
1 TO 102	A	A	A	A	A	A
103 TO 104	A	A	-	A	A	A
105	-	A	-	A	A	A
106	A	A	-	A	A	A
107 TO 108	A	-	-	A	A	A
109	-	-	-	A	A	A
110	A	-	-	A	A	A

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T O T A L A S S E M B L E D J O I N T M A S S E S

IN GLOBAL COORDINATES

	UX	UY	UZ	RX	RY	RZ
TOTAL	.000000	.000000	.000000	.000000	.000000	.000000

T O T A L A C C E L E R A T E D M A S S A N D L O C A T I O N

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

	UX	UY	UZ
MASS	.000000	.000000	.000000
X-LOC	.000000	.000000	.000000
Y-LOC	.000000	.000000	.000000
Z-LOC	.000000	.000000	.000000

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD STEEL ----------

JOINT	U1	U2	U3	R1	R2	R3
1	0.000726	-5.74E-05	-2.38E-07	0.000144	0.001860	-5.08E-06
2	0.000516	-6.21E-05	-0.008128	0.000152	0.001726	-4.74E-06
3	0.000318	-6.44E-05	-0.015864	0.000146	0.001343	-3.87E-06
4	0.000176	-6.27E-05	-0.021398	0.000134	0.000883	-2.75E-06
5	9.18E-05	-5.70E-05	-0.024684	0.000119	0.000422	-1.50E-06
6	6.88E-05	-4.68E-05	-0.025602	0.000101	-6.06E-05	-1.53E-07
7	0.000106	-3.26E-05	-0.024179	8.26E-05	-0.000509	1.12E-06
8	0.000198	-1.48E-05	-0.020663	6.35E-05	-0.000905	2.26E-06
9	0.000333	5.60E-06	-0.015407	4.64E-05	-0.001183	3.13E-06
10	0.000489	2.76E-05	-0.009343	3.52E-05	-0.001212	3.60E-06
11	0.000630	4.97E-05	-0.003846	3.14E-05	-0.000968	3.61E-06
12	0.000728	7.10E-05	-8.28E-07	3.27E-05	-0.000563	3.32E-06
13	0.000777	9.08E-05	0.001825	3.75E-05	-0.000204	2.83E-06
14	0.000789	0.000108	0.002236	4.12E-05	2.32E-05	2.13E-06
15	0.000778	0.000122	0.001749	4.41E-05	0.000154	1.23E-06
16	0.000758	0.000132	0.000925	4.58E-05	0.000155	2.77E-07
17	0.000743	0.000137	0.000358	4.64E-05	6.23E-05	-6.29E-07
18	0.000744	0.000137	0.000358	4.64E-05	-6.23E-05	-1.52E-06
19	0.000758	0.000133	0.000925	4.57E-05	-0.000156	-2.44E-06
20	0.000779	0.000125	0.001749	4.41E-05	-0.000154	-3.41E-06
21	0.000790	0.000111	0.002236	4.11E-05	-2.32E-05	-4.34E-06
22	0.000779	9.25E-05	0.001825	3.74E-05	0.000204	-5.07E-06
23	0.000730	7.04E-05	-8.28E-07	3.25E-05	0.000563	-5.66E-06
24	0.000634	4.51E-05	-0.003846	3.14E-05	0.000968	-6.16E-06
25	0.000494	1.82E-05	-0.009343	3.53E-05	0.001212	-6.42E-06
26	0.000340	-8.14E-06	-0.015408	4.64E-05	0.001183	-6.25E-06
27	0.000206	-3.05E-05	-0.020663	6.36E-05	0.000905	-5.60E-06
28	0.000117	-4.64E-05	-0.024179	8.26E-05	0.000509	-4.62E-06
29	8.12E-05	-5.45E-05	-0.025602	0.000101	6.06E-05	-3.42E-06
30	0.000105	-5.41E-05	-0.024685	0.000119	-0.000422	-2.08E-06
31	0.000191	-4.47E-05	-0.021399	0.000134	-0.000883	-7.48E-07
32	0.000332	-2.74E-05	-0.015865	0.000146	-0.001343	5.59E-07
33	0.000531	-2.59E-06	-0.008128	0.000152	-0.001726	1.71E-06
34	0.000738	2.35E-05	-2.38E-07	0.000144	-0.001860	2.33E-06
35	0.000743	-5.94E-05	-2.54E-07	7.26E-05	0.001891	-4.73E-06
36	0.000530	-7.10E-05	-0.008288	7.29E-05	0.001755	-4.21E-06
37	0.000328	-8.00E-05	-0.016171	6.30E-05	0.001365	-2.91E-06
38	0.000183	-8.32E-05	-0.021803	4.71E-05	0.000897	-1.25E-06
39	9.69E-05	-8.01E-05	-0.025144	3.02E-05	0.000430	4.94E-07
40	7.28E-05	-7.05E-05	-0.026072	1.08E-05	-5.89E-05	2.29E-06
41	0.000110	-5.47E-05	-0.024619	-8.88E-06	-0.000513	3.97E-06
42	0.000202	-3.35E-05	-0.021035	-2.80E-05	-0.000915	5.44E-06
43	0.000338	-8.22E-06	-0.015682	-4.52E-05	-0.001196	6.54E-06
44	0.000496	1.91E-05	-0.009508	-5.62E-05	-0.001225	6.99E-06
45	0.000638	4.61E-05	-0.003912	-5.85E-05	-0.000978	6.73E-06
46	0.000738	7.08E-05	-8.28E-07	-5.45E-05	-0.000568	6.06E-06
47	0.000787	9.23E-05	0.001855	-5.16E-05	-0.000205	5.28E-06
48	0.000799	0.000110	0.002271	-4.97E-05	2.49E-05	4.42E-06

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3	R1	R2	R3
49	0.000788	0.000123	0.001773	-4.80E-05	0.000157	3.46E-06
50	0.000767	0.000132	0.000935	-4.69E-05	0.000158	2.53E-06
51	0.000752	0.000137	0.000357	-4.64E-05	6.32E-05	1.71E-06
52	0.000752	0.000137	0.000357	-4.64E-05	-6.32E-05	9.35E-07
53	0.000767	0.000134	0.000935	-4.68E-05	-0.000158	1.05E-07
54	0.000787	0.000126	0.001773	-4.80E-05	-0.000157	-8.74E-07
55	0.000799	0.000113	0.002271	-4.96E-05	-2.49E-05	-1.93E-06
56	0.000788	9.41E-05	0.001855	-5.15E-05	0.000205	-2.91E-06
57	0.000739	7.05E-05	-8.28E-07	-5.42E-05	0.000568	-3.85E-06
58	0.000641	4.20E-05	-0.003912	-5.83E-05	0.000978	-4.67E-06
59	0.000499	1.00E-05	-0.009508	-5.61E-05	0.001225	-5.13E-06
60	0.000342	-2.18E-05	-0.015682	-4.51E-05	0.001196	-4.94E-06
61	0.000206	-4.91E-05	-0.021035	-2.79E-05	0.000915	-4.07E-06
62	0.000115	-6.85E-05	-0.024620	-8.74E-06	0.000513	-2.75E-06
63	7.77E-05	-7.82E-05	-0.026073	1.09E-05	5.90E-05	-1.18E-06
64	0.000101	-7.72E-05	-0.025146	3.02E-05	-0.000430	5.57E-07
65	0.000186	-6.52E-05	-0.021805	4.71E-05	-0.000897	2.27E-06
66	0.000328	-4.29E-05	-0.016173	6.30E-05	-0.001365	3.93E-06
67	0.000529	-1.10E-05	-0.008290	7.29E-05	-0.001755	5.29E-06
68	0.000738	2.25E-05	-2.54E-07	7.26E-05	-0.001891	5.91E-06
69	0.000734	-6.29E-05	-9.93E-05	9.73E-05	0.001906	-0.000163
70	0.000520	-7.18E-05	-0.008322	0.000107	0.001716	-0.000127
71	0.000319	-7.76E-05	-0.016134	0.000104	0.001362	-0.000103
72	0.000174	-7.86E-05	-0.021724	9.11E-05	0.000889	-6.68E-05
73	8.87E-05	-7.43E-05	-0.025040	7.60E-05	0.000427	-3.21E-05
74	6.51E-05	-6.45E-05	-0.025963	5.72E-05	-5.94E-05	4.94E-06
75	0.000102	-4.95E-05	-0.024527	3.74E-05	-0.000511	3.93E-06
76	0.000195	-3.00E-05	-0.020976	1.77E-05	-0.000910	7.00E-06
77	0.000332	-7.28E-06	-0.015672	6.66E-07	-0.001190	9.19E-05
78	0.000490	1.74E-05	-0.009553	-9.28E-06	-0.001216	9.42E-05
79	0.000633	4.20E-05	-0.004005	-1.20E-05	-0.000975	7.52E-05
80	0.000734	6.53E-05	-0.000121	-9.84E-06	-0.000567	4.32E-05
81	0.000782	8.57E-05	0.001715	-6.60E-06	-0.000203	1.50E-05
82	0.000793	0.000103	0.002126	-3.98E-06	2.48E-05	-2.15E-06
83	0.000780	0.000117	0.001632	-1.66E-06	0.000154	-1.20E-05
84	0.000759	0.000126	0.000801	-1.92E-07	0.000157	-1.16E-05
85	0.000744	0.000131	0.000228	4.82E-07	6.27E-05	-3.57E-06
86	0.000744	0.000131	0.000228	4.83E-07	-6.27E-05	6.86E-06
87	0.000759	0.000128	0.000801	-1.81E-07	-0.000157	1.49E-05
88	0.000780	0.000119	0.001632	-1.65E-06	-0.000154	1.55E-05
89	0.000793	0.000106	0.002126	-3.94E-06	-2.49E-05	5.77E-06
90	0.000783	8.75E-05	0.001716	-6.51E-06	0.000203	-1.14E-05
91	0.000736	6.49E-05	-0.000120	-9.72E-06	0.000567	-3.97E-05
92	0.000637	3.77E-05	-0.004005	-1.19E-05	0.000975	-7.21E-05
93	0.000494	8.02E-06	-0.009554	-9.21E-06	0.001216	-9.16E-05
94	0.000338	-2.11E-05	-0.015672	7.60E-07	0.001190	-9.00E-05
95	0.000201	-4.60E-05	-0.020976	1.78E-05	0.000910	-6.86E-05
96	0.000111	-6.37E-05	-0.024527	3.75E-05	0.000511	-3.84E-05
97	7.41E-05	-7.26E-05	-0.025964	5.72E-05	5.94E-05	-4.20E-06
98	9.79E-05	-7.18E-05	-0.025040	7.61E-05	-0.000427	3.29E-05

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3	R1	R2	R3
99	0.000183	-6.10E-05	-0.021726	9.11E-05	-0.000889	6.80E-05
100	0.000326	-4.08E-05	-0.016134	0.000104	-0.001362	0.000104
101	0.000527	-1.24E-05	-0.008324	0.000107	-0.001716	0.000130
102	0.000737	1.83E-05	-0.000101	9.73E-05	-0.001906	0.000168
103	-0.001510	-2.21E-05	.000000	-2.60E-05	0.001865	-5.08E-06
104	0.001429	0.000323	.000000	0.000114	-0.000553	3.32E-06
105	-1.67E-22	0.000113	.000000	4.28E-05	0.000563	-5.66E-06
106	0.002956	-0.000346	.000000	-0.000196	-0.001855	2.33E-06
107	-0.001526	2.86E-21	.000000	3.82E-05	0.001892	-4.73E-06
108	0.001477	1.68E-24	.000000	-5.45E-05	-0.000568	6.06E-06
109	.000000	.000000	.000000	-4.38E-05	0.000569	-3.85E-06
110	0.003009	-6.10E-21	.000000	3.65E-06	-0.001892	5.91E-06

LOAD CONC ----------

JOINT	U1	U2	U3	R1	R2	R3
1	0.001733	-8.13E-05	-5.83E-07	0.000422	0.004509	-1.29E-05
2	0.001225	-8.54E-05	-0.019700	0.000478	0.004170	-1.25E-05
3	0.000748	-8.12E-05	-0.038348	0.000494	0.003218	-1.11E-05
4	0.000408	-6.76E-05	-0.051586	0.000487	0.002098	-8.96E-06
5	0.000209	-4.48E-05	-0.059407	0.000463	0.000995	-6.37E-06
6	0.000155	-1.19E-05	-0.061572	0.000425	-0.000155	-3.47E-06
7	0.000244	2.94E-05	-0.058168	0.000379	-0.001222	-6.72E-07
8	0.000463	7.79E-05	-0.049760	0.000327	-0.002174	1.81E-06
9	0.000788	0.000130	-0.037140	0.000272	-0.002853	3.77E-06
10	0.001166	0.000184	-0.022517	0.000227	-0.002931	4.95E-06
11	0.001505	0.000236	-0.009246	0.000201	-0.002337	5.30E-06
12	0.001742	0.000288	-1.87E-06	0.000192	-0.001351	5.04E-06
13	0.001857	0.000336	0.004316	0.000214	-0.000466	4.02E-06
14	0.001881	0.000381	0.005082	0.000236	0.000116	2.33E-06
15	0.001844	0.000419	0.003543	0.000257	0.000450	-9.38E-08
16	0.001785	0.000446	0.001187	0.000273	0.000438	-2.78E-06
17	0.001746	0.000461	-0.000405	0.000280	0.000174	-5.34E-06
18	0.001746	0.000465	-0.000405	0.000280	-0.000174	-7.82E-06
19	0.001786	0.000455	0.001188	0.000273	-0.000438	-1.03E-05
20	0.001846	0.000432	0.003543	0.000257	-0.000450	-1.28E-05
21	0.001883	0.000394	0.005083	0.000236	-0.000116	-1.50E-05
22	0.001861	0.000345	0.004317	0.000214	0.000466	-1.66E-05
23	0.001747	0.000286	-1.87E-06	0.000192	0.001351	-1.77E-05
24	0.001514	0.000221	-0.009246	0.000201	0.002337	-1.87E-05
25	0.001176	0.000154	-0.022518	0.000227	0.002931	-1.95E-05
26	0.000806	8.88E-05	-0.037141	0.000272	0.002853	-1.95E-05
27	0.000484	3.36E-05	-0.049759	0.000327	0.002174	-1.83E-05
28	0.000272	-7.19E-06	-0.058168	0.000380	0.001222	-1.64E-05
29	0.000186	-3.00E-05	-0.061573	0.000425	0.000155	-1.37E-05
30	0.000244	-3.38E-05	-0.059408	0.000463	-0.000995	-1.07E-05
31	0.000447	-1.78E-05	-0.051589	0.000487	-0.002098	-7.57E-06
32	0.000786	1.50E-05	-0.038351	0.000494	-0.003218	-4.39E-06
33	0.001266	6.34E-05	-0.019700	0.000478	-0.004170	-1.36E-06
34	0.001767	0.000113	-5.83E-07	0.000422	-0.004509	5.25E-07

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3	R1	R2	R3
35	0.001779	-8.83E-05	-6.54E-07	0.000131	0.004637	-1.04E-05
36	0.001256	-0.000117	-0.020289	0.000129	0.004289	-8.98E-06
37	0.000766	-0.000138	-0.039471	0.000109	0.003308	-5.44E-06
38	0.000415	-0.000142	-0.053060	7.44E-05	0.002159	-1.01E-06
39	0.000209	-0.000128	-0.061073	3.55E-05	0.001031	3.52E-06
40	0.000152	-9.74E-05	-0.063281	-1.20E-05	-0.000143	8.12E-06
41	0.000242	-5.08E-05	-0.059777	-6.36E-05	-0.001234	1.24E-05
42	0.000464	9.14E-06	-0.051135	-0.000118	-0.002208	1.62E-05
43	0.000795	7.90E-05	-0.038163	-0.000172	-0.002905	1.91E-05
44	0.001180	0.000153	-0.023123	-0.000212	-0.002988	2.02E-05
45	0.001527	0.000223	-0.009473	-0.000227	-0.002379	1.92E-05
46	0.001768	0.000285	-1.95E-06	-0.000219	-0.001361	1.71E-05
47	0.001883	0.000337	0.004344	-0.000212	-0.000447	1.47E-05
48	0.001904	0.000378	0.005016	-0.000202	0.000147	1.24E-05
49	0.001864	0.000408	0.003330	-0.000189	0.000482	9.94E-06
50	0.001801	0.000429	0.000839	-0.000179	0.000460	7.77E-06
51	0.001759	0.000440	-0.000831	-0.000173	0.000182	5.99E-06
52	0.001759	0.000444	-0.000831	-0.000173	-0.000182	4.32E-06
53	0.001801	0.000438	0.000839	-0.000179	-0.000460	2.51E-06
54	0.001863	0.000422	0.003330	-0.000189	-0.000482	2.41E-07
55	0.001904	0.000391	0.005016	-0.000202	-0.000147	-2.47E-06
56	0.001884	0.000345	0.004344	-0.000212	0.000447	-5.23E-06
57	0.001769	0.000284	-1.95E-06	-0.000219	0.001361	-8.08E-06
58	0.001532	0.000209	-0.009473	-0.000226	0.002379	-1.07E-05
59	0.001186	0.000123	-0.023123	-0.000212	0.002988	-1.22E-05
60	0.000806	3.79E-05	-0.038163	-0.000171	0.002905	-1.19E-05
61	0.000475	-3.55E-05	-0.051136	-0.000118	0.002208	-9.84E-06
62	0.000256	-8.81E-05	-0.059778	-6.33E-05	0.001234	-6.59E-06
63	0.000166	-0.000116	-0.063283	-1.18E-05	0.000144	-2.72E-06
64	0.000222	-0.000118	-0.061076	3.57E-05	-0.001030	1.56E-06
65	0.000426	-9.25E-05	-0.053064	7.45E-05	-0.002159	5.83E-06
66	0.000769	-4.18E-05	-0.039476	0.000109	-0.003308	9.96E-06
67	0.001258	7.19E-05	-0.020294	0.000129	-0.004289	1.33E-05
68	0.001769	0.000110	-6.54E-07	0.000131	-0.004637	1.48E-05
69	0.001750	-0.000104	-0.000399	0.000238	0.004907	-0.000409
70	0.001228	-0.000125	-0.020516	0.000276	0.004149	-0.000308
71	0.000740	-0.000135	-0.039466	0.000297	0.003296	-0.000249
72	0.000391	-0.000132	-0.052921	0.000280	0.002128	-0.000162
73	0.000188	-0.000115	-0.060853	0.000253	0.001016	-7.84E-05
74	0.000132	-8.34E-05	-0.063051	0.000210	-0.000147	1.01E-05
75	0.000222	-3.99E-05	-0.059605	0.000158	-0.001228	9.23E-05
76	0.000444	1.42E-05	-0.051078	0.000101	-0.002191	0.000167
77	0.000774	7.51E-05	-0.038283	4.16E-05	-0.002879	0.000221
78	0.001159	0.000139	-0.023445	-5.44E-06	-0.002953	0.000229
79	0.001506	0.000201	-0.009973	-3.49E-05	-0.002367	0.000183
80	0.001751	0.000260	-0.000570	-3.85E-05	-0.001359	0.000104
81	0.001862	0.000308	0.003720	-2.36E-05	-0.000445	3.39E-05
82	0.001881	0.000350	0.004421	1.65E-06	0.000134	-1.07E-05
83	0.001840	0.000384	0.002798	2.67E-05	0.000464	-3.64E-05
84	0.001777	0.000407	0.000370	4.43E-05	0.000451	-3.43E-05

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3	R1	R2	R3
85	0.001735	0.000420	-0.001265	5.35E-05	0.000178	-1.17E-05
86	0.001736	0.000424	-0.001264	5.35E-05	-0.000178	1.77E-05
87	0.001778	0.000416	0.000371	4.44E-05	-0.000451	4.10E-05
88	0.001840	0.000397	0.002798	2.67E-05	-0.000464	4.44E-05
89	0.001882	0.000363	0.004422	1.74E-06	-0.000135	2.03E-05
90	0.001865	0.000316	0.003722	-2.34E-05	0.000445	-2.31E-05
91	0.001755	0.000258	-0.000568	-3.82E-05	0.001359	-9.36E-05
92	0.001515	0.000186	-0.009971	-3.47E-05	0.002368	-0.000174
93	0.001169	0.000109	-0.023447	-5.35E-06	0.002954	-0.000222
94	0.000790	3.31E-05	-0.038282	4.19E-05	0.002879	-0.000218
95	0.000461	-3.15E-05	-0.051079	0.000101	0.002191	-0.000166
96	0.000244	-7.83E-05	-0.059606	0.000159	0.001228	-9.28E-05
97	0.000156	-0.000104	-0.063053	0.000210	0.000147	-1.13E-05
98	0.000213	-0.000106	-0.060855	0.000253	-0.001016	7.75E-05
99	0.000418	-8.41E-05	-0.052925	0.000280	-0.002128	0.000162
100	0.000762	-4.04E-05	-0.039467	0.000297	-0.003297	0.000252
101	0.001250	2.26E-05	-0.020520	0.000277	-0.004149	0.000315
102	0.001763	9.23E-05	-0.000403	0.000238	-0.004908	0.000424
103	-0.003701	8.73E-05	.000000	8.34E-06	0.004528	-1.29E-05
104	0.003384	0.001038	.000000	0.000386	-0.001309	5.04E-06
105	3.87E-22	0.000536	.000000	0.000217	0.001347	-1.77E-05
106	0.007171	-0.000696	.000000	-0.000405	-0.004510	5.25E-07
107	-0.003786	-4.06E-21	.000000	4.66E-05	0.004639	-1.04E-05
108	0.003537	1.09E-23	.000000			

-0.000219 -0.001361 1.71E-05
109 .000000 .000000 .000000
-0.000194 0.001365 -8.08E-06
110 0.007339 1.98E-20 .000000
-3.80E-05 -0.004639 1.48E-05
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD STEEL ----------

JOINT F1 F2 F3
M1 M2 M3
103 .000000 .000000 417.327136
.000000 .000000 .000000
104 .000000 .000000 1337.558
.000000 .000000 .000000
105 -0.397097 .000000 1337.728
.000000 .000000 .000000
106 .000000 .000000 417.322550
.000000 .000000 .000000
107 .000000 -0.259033 443.704688
.000000 .000000 .000000
108 .000000 0.248475 1337.188
.000000 .000000 .000000
109 0.396036 0.338348 1337.031
.000000 .000000 .000000
110 .000000 -0.327974 443.704094
.000000 .000000 .000000

LOAD CONC ----------

JOINT F1 F2 F3
M1 M2 M3
103 .000000 .000000 1020.405
.000000 .000000 .000000
104 .000000 .000000 3014.536
.000000 .000000 .000000
105 -1.128111 .000000 3014.937
.000000 .000000 .000000
106 .000000 .000000 1020.364
.000000 .000000 .000000
107 .000000 -0.915296 1144.272
.000000 .000000 .000000
108 .000000 0.630367 3155.303
.000000 .000000 .000000
109 1.138500 0.914856 3154.938
.000000 .000000 .000000
110 .000000 -0.630534 1144.312
.000000 .000000 .000000
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD STEEL ----------

FX FY FZ
MX MY MZ
APPLIED 1.64E-15 .000000 -7071.563
39068.410 575598.906 -8.20E-14
REACTNS -7.57E-09 -3.88E-09 7071.563
-39068.410 -575598.906 -3.93E-07

TOTAL -7.57E-09 -3.88E-09 -1.55E-11
-1.66E-08 2.62E-08 -3.93E-07

LOAD CONC ----------

FX FY FZ
MX MY MZ
APPLIED -7.27E-15 3.15E-16 -16669.068
93182.008 1.3568E+06 -40.147875
REACTNS -1.90E-08 -8.95E-09 16669.068
-93182.008 -1.3568E+06 40.147874

TOTAL -1.90E-08 -8.95E-09 -7.64E-11
-3.63E-08 6.43E-08 -8.29E-07
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 1 ========== LENGTH =
4.470847

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 11.550950 -412.241262 -0.045689
57.618473 -4.373903 -0.055252
0.25000 11.147468 -396.695564 -0.045689
57.618473 -4.322837 452.037509
0.50000 10.740166 -381.002706 -0.045689
57.618473 -4.271770 886.672420
0.75000 10.329045 -365.162688 -0.045689
57.618473 -4.220703 1303.685
1.00000 9.914104 -349.175511 -0.045689
57.618473 -4.169637 1702.911

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 29.306784 -1049.189 -0.749926
315.866386 -15.198199 0.140548
0.25000 28.101544 -1002.752 -0.749926
307.318127 -14.359998 1146.880
0.50000 26.896304 -956.315854 -0.749926
298.769869 -13.521798 2241.716
0.75000 25.691063 -909.879391 -0.749926
290.221610 -12.683597 3284.650
1.00000 24.485823 -863.442929 -0.749926
281.673351 -11.845396 4275.682

ELEM 2 ========== LENGTH =
4.966847

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.521191 -336.003682 -0.148640
53.139254 -7.194411 1702.937
0.25000 10.058848 -318.069141 -0.148640
53.139254 -7.009843 2109.041
0.50000 9.591772 -299.950949 -0.148640
53.139254 -6.825275 2492.761
0.75000 9.119960 -281.649105 -0.148640
53.139254 -6.640707 2853.870
1.00000 8.643415 -263.163610 -0.148640
53.139254 -6.456140 3192.139

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 25.721704 -821.889282 -0.779351
272.554522 -19.228145 4276.217
0.25000 24.391778 -770.300643 -0.779351
263.057910 -18.260416 5264.737
0.50000 23.061852 -718.712003 -0.779351
253.561299 -17.292687 6189.200
0.75000 21.731926 -667.123364 -0.779351
244.064687 -16.324957 7049.604
1.00000 20.402000 -615.534724 -0.779351
234.568076 -15.357228 7845.949

ELEM 3 ========== LENGTH =
4.967098

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.152998 -250.970753 -0.053132
45.600141 -8.703868 3192.178
0.25000 8.651252 -231.657741 -0.053132
45.600141 -8.637890 3491.988
0.50000 8.111320 -210.874838 -0.053132
45.600141 -8.571912 3766.903
0.75000 7.533200 -188.622045 -0.053132
45.600141 -8.505935 4015.098
1.00000 6.916892 -164.899363 -0.053132
45.600141 -8.439957 4234.747
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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 21.409667 -577.373425 -0.259180
223.850231 -21.010807 7846.398
0.25000 20.069358 -525.782710 -0.259180
214.353139 -20.688964 8531.333
0.50000 18.729049 -474.191995 -0.259180
204.856047 -20.367120 9152.205
0.75000 17.388740 -422.601281 -0.259180
195.358955 -20.045277 9709.013
1.00000 16.048430 -371.010566 -0.259180
185.861864 -19.723433 10201.756

ELEM 4 ========== LENGTH =
4.967306

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 7.006964 -149.457744 -0.060529
25.726837 -9.549983 4234.789
0.25000 6.376485 -124.998837 -0.060529
25.726837 -9.474817 4405.202
0.50000 5.746007 -100.539930 -0.060529
25.726837 -9.399651 4545.242
0.75000 5.115528 -76.081023 -0.060529
25.726837 -9.324485 4654.909
1.00000 4.485050 -51.622116 -0.060529
25.726837 -9.249318 4734.201

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 15.981450 -322.408270 -0.271260
141.786498 -22.481583 10202.124
0.25000 14.651523 -270.814856 -0.271260
132.289009 -22.144725 10570.464
0.50000 13.321597 -219.221441 -0.271260
122.791520 -21.807868 10874.734
0.75000 11.991671 -167.628027 -0.271260
113.294030 -21.471010 11114.934
1.00000 10.661745 -116.034612 -0.271260
103.796541 -21.134153 11291.064

ELEM 5 ========== LENGTH =
4.967664

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.372680 -36.875023 -0.085781
6.943420 -9.574987 4734.215
0.25000 3.737279 -12.414606 -0.085781
6.943420 -9.468454 4764.822
0.50000 3.101878 12.045811 -0.085781
6.943420 -9.361920 4765.051
0.75000 2.466478 36.506228 -0.085781
6.943420 -9.255387 4734.902
1.00000 1.831077 60.966645 -0.085781
6.943420 -9.148854 4674.375

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.085993 -68.585022 -0.346290
62.955867 -22.048816 11291.238
0.25000 8.745684 -16.988423 -0.346290
53.457693 -21.618753 11344.376
0.50000 7.405375 34.608177 -0.346290
43.959519 -21.188690 11333.435
0.75000 6.065065 86.204776 -0.346290
34.461346 -20.758627 11258.415
1.00000 4.724756 137.801375 -0.346290
24.963172 -20.328564 11119.317
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ELEM 6 ========== LENGTH =
4.966986

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.450495 75.714720 -0.132504
-12.149532 -8.600716 4674.370
0.25000 0.820017 100.172050 -0.132504
-12.149532 -8.436180 4565.167
0.50000 0.189538 124.629380 -0.132504
-12.149532 -8.271644 4425.594
0.75000 -0.440940 149.086709 -0.132504
-12.149532 -8.107108 4255.651
1.00000 -1.071419 173.544039 -0.132504
-12.149532 -7.942573 4055.338

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.509181 185.321006 -0.529100
-14.917937 -19.189155 11119.341
0.25000 2.179254 236.911094 -0.529100
-24.414815 -18.532147 10857.188
0.50000 0.849328 288.501181 -0.529100
-33.911692 -17.875138 10530.974
0.75000 -0.480598 340.091269 -0.529100
-43.408570 -17.218129 10140.698
1.00000 -1.810524 391.681356 -0.529100
-52.905448 -16.561121 9686.360

ELEM 7 ========== LENGTH =
4.967451

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.762742 188.440617 -0.132600
-28.234585 -6.656536 4055.317
0.25000 -2.386211 212.440648 -0.132600
-28.234585 -6.491865 3806.302
0.50000 -2.985814 235.522009 -0.132600
-28.234585 -6.327194 3528.053
0.75000 -3.561552 257.684702 -0.132600
-28.234585 -6.162522 3221.710
1.00000 -4.113426 278.928726 -0.132600
-28.234585 -5.997851 2888.415

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -3.750128 438.935222 -0.490384
-82.286557 -13.738209 9686.245
0.25000 -5.090438 490.529602 -0.490384
-91.784323 -13.129220 9109.111
0.50000 -6.430747 542.123982 -0.490384
-101.282089 -12.520230 8467.904
0.75000 -7.771056 593.718362 -0.490384
-110.779854 -11.911241 7762.624
1.00000 -9.111366 645.312742 -0.490384
-120.277620 -11.302251 6993.270

ELEM 8 ========== LENGTH =
4.967885

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -4.911965 292.712357 -0.129327
-37.878630 -4.163479 2888.381
0.25000 -5.443381 313.330597 -0.129327
-37.878630 -4.002858 2512.003
0.50000 -5.966111 333.611866 -0.129327
-37.878630 -3.842238 2110.226
0.75000 -6.480156 353.556163 -0.129327
-37.878630 -3.681618 1683.469
1.00000 -6.985517 373.163489 -0.129327
-37.878630 -3.520997 1232.152
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LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -11.287807 688.595229 -0.400259
-129.129537 -7.290258 6993.030
0.25000 -12.617733 740.194663 -0.400259
-138.628133 -6.793148 6105.772
0.50000 -13.947660 791.794098 -0.400259
-148.126729 -6.296037 5154.429
0.75000 -15.277586 843.393533 -0.400259
-157.625325 -5.798927 4139.001
1.00000 -16.607512 894.992968 -0.400259
-167.123921 -5.301817 3059.488

ELEM 9 ========== LENGTH =
4.967457

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.086514 387.150743 -0.078450
-42.192657 -1.299386 1232.128
0.25000 -8.591444 406.587703 -0.078450
-42.192657 -1.201962 739.270301
0.50000 -9.096373 426.024663 -0.078450
-42.192657 -1.104538 222.274567
0.75000 -9.601302 445.461622 -0.078450
-42.192657 -1.007114 -318.859230
1.00000 -10.106231 464.898582 -0.078450
-42.192657 -0.909690 -884.131091

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -19.465180 936.643594 -0.043640
-155.401694 -0.497945 3059.223
0.25000 -20.805490 988.238037 -0.043640
-164.899471 -0.443750 1864.003
0.50000 -22.145799 1039.832 -0.043640
-174.397248 -0.389554 604.708652
0.75000 -23.486108 1091.427 -0.043640
-183.895025 -0.335359 -718.658696
1.00000 -24.826418 1143.021 -0.043640
-193.392802 -0.281164 -2106.099

ELEM 10 ========== LENGTH =
4.967005

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -11.099533 480.445665 -0.076378
-44.235707 1.305605 -884.170386
0.25000 -11.619100 500.600638 -0.076378
-44.235707 1.400448 -1493.129
0.50000 -12.175767 522.194777 -0.076378
-44.235707 1.495290 -2128.009
0.75000 -12.769534 545.228080 -0.076378
-44.235707 1.590132 -2790.597
1.00000 -13.400400 569.700547 -0.076378
-44.235707 1.684974 -3482.680

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -27.358836 1185.661 0.026062
-165.843781 4.245166 -2106.453
0.25000 -28.688762 1237.252 0.026062
-175.340694 4.212803 -3610.781
0.50000 -30.018688 1288.842 0.026062
-184.837607 4.180441 -5179.170
0.75000 -31.348615 1340.432 0.026062
-194.334521 4.148079 -6811.623
1.00000 -32.678541 1392.023 0.026062
-203.831434 4.115717 -8508.137
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 11 ========== LENGTH =
4.967662

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -14.478205 585.571346 -0.104314
-38.875936 3.299366 -3482.736
0.25000 -15.158946 611.777175 -0.104314
-38.875936 3.428915 -4226.030
0.50000 -15.892197 640.004409 -0.104314
-38.875936 3.558464 -5003.124
0.75000 -16.677957 670.253050 -0.104314
-38.875936 3.688013 -5816.530
1.00000 -17.516226 702.523096 -0.104314
-38.875936 3.817562 -6668.756

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -35.311654 1431.143 -0.357577
-143.121129 6.826158 -8508.518
0.25000 -36.651963 1482.740 -0.357577
-152.619299 7.270239 -10317.916
0.50000 -37.992272 1534.337 -0.357577
-162.117469 7.714319 -12191.394
0.75000 -39.332582 1585.933 -0.357577
-171.615639 8.158400 -14128.949
1.00000 -40.672891 1637.530 -0.357577
-181.113809 8.602481 -16130.584

ELEM 12 ========== LENGTH =
4.967343

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 16.249925 -614.786153 -0.168684
-7.111646 4.022682 -6668.778
0.25000 15.392098 -581.507197 -0.168684
-7.111646 4.232159 -5925.978
0.50000 14.534271 -548.228241 -0.168684
-7.111646 4.441637 -5224.505
0.75000 13.676444 -514.949284 -0.168684
-7.111646 4.651115 -4564.359
1.00000 12.818617 -481.670328 -0.168684
-7.111646 4.860593 -3945.540

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 35.763138 -1346.130 -0.909235
61.136804 4.836529 -16130.620
0.25000 34.433211 -1294.537 -0.909235
51.639244 5.965649 -14490.982
0.50000 33.103285 -1242.943 -0.909235
42.141683 7.094769 -12915.416
0.75000 31.773359 -1191.349 -0.909235
32.644123 8.223889 -11403.920
1.00000 30.443433 -1139.755 -0.909235
23.146563 9.353009 -9956.496

ELEM 13 ========== LENGTH =
4.967127

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 12.435249 -467.465222 -0.097665
3.892084 4.921493 -3945.528
0.25000 11.594195 -435.091467 -0.097665
3.892084 5.042771 -3385.326
0.50000 10.800081 -404.524526 -0.097665
3.892084 5.164049 -2864.203
0.75000 10.052907 -375.764401 -0.097665
3.892084 5.285328 -2379.916
1.00000 9.352673 -348.811091 -0.097665
3.892084 5.406606 -1930.220
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LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 29.510248 -1104.738 -0.796428
99.128231 8.175714 -9956.253
0.25000 28.169939 -1053.147 -0.796428
89.631083 9.164703 -8616.442
0.50000 26.829630 -1001.556 -0.796428
80.133935 10.153692 -7340.696
0.75000 25.489321 -949.964822 -0.796428
70.636788 11.142681 -6129.014
1.00000 24.149011 -898.373804 -0.796428
61.139640 12.131671 -4981.398

ELEM 14 ========== LENGTH =
4.966901

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 8.925022 -333.886359 -0.067285
7.534927 5.225969 -1930.206
0.25000 8.274814 -308.664122 -0.067285
7.534927 5.309519 -1531.441
0.50000 7.667232 -285.095385 -0.067285
7.534927 5.393068 -1162.969
0.75000 7.102275 -263.180149 -0.067285
7.534927 5.476617 -822.736407
1.00000 6.579945 -242.918412 -0.067285
7.534927 5.560166 -508.689804

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 23.008499 -857.046012 -0.625776
103.548377 10.731192 -4981.133
0.25000 21.678573 -805.456807 -0.625776
94.051662 11.508234 -3948.947

0.50000 20.348647 -753.867603 -0.625776
84.554946 12.285276 -2980.821
0.75000 19.018721 -702.278398 -0.625776
75.058231 13.062318 -2076.754
1.00000 17.688795 -650.689193 -0.625776
65.561515 13.839361 -1236.747

ELEM 15 ========== LENGTH =
4.967785

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 6.343835 -228.099135 -0.031484
6.932807 5.255290 -508.681206
0.25000 5.836919 -208.584406 -0.031484
6.932807 5.294392 -237.496642
0.50000 5.326030 -188.916711 -0.031484
6.932807 5.333494 9.356691
0.75000 4.811167 -169.096049 -0.031484
6.932807 5.372596 231.688816
1.00000 4.292331 -149.122420 -0.031484
6.932807 5.411698 429.309758

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 16.968220 -606.589754 -0.367542
85.734791 12.380768 -1236.536
0.25000 15.627910 -554.991898 -0.367542
76.236387 12.837236 -515.225472
0.50000 14.287601 -503.394042 -0.367542
66.737982 13.293703 142.003729
0.75000 12.947291 -451.796187 -0.367542
57.239577 13.750171 735.151169
1.00000 11.606982 -400.198331 -0.367542
47.741173 14.206638 1264.217
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ELEM 16 ========== LENGTH =
4.966679

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.989706 -134.763416 -0.030630
4.482445 5.174080 429.312701
0.25000 3.472918 -114.717565 -0.030630
4.482445 5.212113 584.199187
0.50000 2.956129 -94.671714 -0.030630
4.482445 5.250146 714.195348
0.75000 2.439341 -74.625863 -0.030630
4.482445 5.288179 819.301184
1.00000 1.922553 -54.580012 -0.030630
4.482445 5.326212 899.516694

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.654541 -355.528159 -0.313579
56.853739 13.128285 1264.341
0.25000 9.324615 -303.941269 -0.313579
47.357449 13.517646 1673.763
0.50000 7.994689 -252.354379 -0.313579
37.861159 13.907008 2019.131
0.75000 6.664763 -200.767489 -0.313579
28.364869 14.296369 2300.445
1.00000 5.334837 -149.180599 -0.313579
18.868579 14.685731 2517.705

ELEM 17 ========== LENGTH =
4.967675

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.591264 -40.107567 0.000558
0.042244 5.339724 899.519219
0.25000 1.070441 -20.057898 0.000558
0.042244 5.339031 936.879531
0.50000 0.549618 -0.008229 0.000558
0.042244 5.338338 949.339781
0.75000 0.028795 20.041440 0.000558
0.042244 5.337645 936.899971
1.00000 -0.492028 40.091109 0.000558
0.042244 5.336952 899.560100

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.270760 -103.214018 -0.168197
19.137041 14.387777 2517.752
0.25000 2.930451 -51.617303 -0.168197
9.638846 14.596664 2613.896
0.50000 1.590141 -0.020587 -0.168197
0.140651 14.805551 2645.961
0.75000 0.249832 51.576128 -0.168197
-9.357544 15.014438 2613.947
1.00000 -1.090477 103.172844 -0.168197
-18.855739 15.223325 2517.855

ELEM 18 ========== LENGTH =
4.967678

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.907453 54.562454 0.005054
-4.407891 5.618639 899.560523
0.25000 -1.424242 74.612344 0.005054
-4.407891 5.612363 819.348166
0.50000 -1.941030 94.662235 0.005054
-4.407891 5.606087 714.235456
0.75000 -2.457818 114.712126 0.005054
-4.407891 5.599810 584.222393
1.00000 -2.974607 134.762017 0.005054
-4.407891 5.593534 429.308978
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -2.389710 149.136764 -0.150230
-18.625854 15.674458 2517.812
0.25000 -3.719636 200.734051 -0.150230
-28.124055 15.861032 2300.556
0.50000 -5.049563 252.331338 -0.150230
-37.622256 16.047605 2019.220
0.75000 -6.379489 303.928625 -0.150230
-47.120457 16.234179 1673.805
1.00000 -7.709415 355.525911 -0.150230
-56.618658 16.420753 1264.311

ELEM 19 ========== LENGTH =
4.966779

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -3.494384 149.130850 0.050602
-6.818805 6.039618 429.310682
0.25000 -4.013220 169.100428 0.050602
-6.818805 5.976787 231.721818
0.50000 -4.528083 188.917070 0.050602
-6.818805 5.913955 9.431786
0.75000 -5.038972 208.580776 0.050602
-6.818805 5.851123 -237.369515
1.00000 -5.545888 228.091547 0.050602
-6.818805 5.788291 -508.492186

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -9.273496 400.231469 0.101943
-47.405332 17.266447 1264.205
0.25000 -10.613806 451.818859 0.101943
-56.901813 17.139866 735.211339
0.50000 -11.954115 503.406250 0.101943
-66.398293 17.013284 142.162380
0.75000 -13.294424 554.993641 0.101943
-75.894774 16.886703 -514.942365
1.00000 -14.634733 606.581032 0.101943
-85.391255 16.760121 -1236.103

ELEM 20 ========== LENGTH =
4.967901

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -6.014082 242.918177 0.065194
-7.389722 6.228857 -508.497150
0.25000 -6.536413 263.183997 0.065194
-7.389722 6.147887 -822.609166
0.50000 -7.101369 285.103650 0.065194
-7.389722 6.066917 -1162.918
0.75000 -7.708952 308.677137 0.065194
-7.389722 5.985948 -1531.477
1.00000 -8.359160 333.904456 0.065194
-7.389722 5.904978 -1930.341

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -16.027391 650.698420 0.254051
-65.160430 17.453618 -1236.316
0.25000 -17.357318 702.298021 0.254051
-74.659056 17.138093 -2076.510
0.50000 -18.687244 753.897622 0.254051
-84.157683 16.822568 -2980.789
0.75000 -20.017170 805.497223 0.254051
-93.656310 16.507042 -3949.154
1.00000 -21.347097 857.096825 0.254051
-103.154936 16.191517 -4981.605
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FRAME ELEMENT INTERNAL FORCES

ELEM 21 ========== LENGTH =
4.967114

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.889242 348.846365 0.112290
-4.251082 6.057876 -1930.349
0.25000 -9.589476 375.799602 0.112290
-4.251082 5.918436 -2380.087
0.50000 -10.336650 404.559650 0.112290
-4.251082 5.778997 -2864.417
0.75000 -11.130764 435.126507 0.112290
-4.251082 5.639557 -3385.582
1.00000 -11.971818 467.500175 0.112290
-4.251082 5.500118 -3945.826

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -22.830075 898.465482 0.468404
-62.065965 15.893372 -4981.831
0.25000 -24.170385 950.056361 0.468404
-71.563087 15.311717 -6129.558
0.50000 -25.510694 1001.647 0.468404
-81.060209 14.730063 -7341.350
0.75000 -26.851003 1053.238 0.468404
-90.557331 14.148408 -8617.206
1.00000 -28.191312 1104.829 0.468404
-100.054453 13.566753 -9957.127

ELEM 22 ========== LENGTH =
4.967352

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -12.291239 481.727582 0.135961
6.551025 5.062125 -3945.831
0.25000 -13.155763 515.006254 0.135961
6.551025 4.893283 -4564.722
0.50000 -14.020287 548.284925 0.135961
6.551025 4.724442 -5224.940
0.75000 -14.884812 581.563597 0.135961
6.551025 4.555600 -5926.484
1.00000 -15.749336 614.842269 0.135961
6.551025 4.386759 -6669.355

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -29.019783 1139.896 0.238324
-24.592855 11.359989 -9957.346
0.25000 -30.360092 1191.489 0.238324
-34.090432 11.064030 -11404.947
0.50000 -31.700402 1243.083 0.238324
-43.588010 10.768071 -12916.619
0.75000 -33.040711 1294.676 0.238324
-53.085588 10.472111 -14492.362
1.00000 -34.381020 1346.269 0.238324
-62.583166 10.176152 -16132.175

ELEM 23 ========== LENGTH =
4.967656

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 18.978297 -702.555206 0.109325
40.479426 2.718737 -6668.793
0.25000 18.146521 -670.284861 0.109325
40.479426 2.582965 -5816.528
0.50000 17.366848 -640.035941 0.109325
40.479426 2.447192 -5003.084
0.75000 16.639278 -611.808445 0.109325
40.479426 2.311420 -4225.951
1.00000 15.963810 -585.602374 0.109325
40.479426 2.175647 -3482.620
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 44.505229 -1637.599 -0.202417
184.976067 1.964051 -16130.564
0.25000 43.175303 -1586.002 -0.202417
175.477908 2.215435 -14128.846
0.50000 41.845377 -1534.405 -0.202417
165.979749 2.466819 -12191.207
0.75000 40.515450 -1482.808 -0.202417
156.481590 2.718203 -10317.648
1.00000 39.185524 -1431.211 -0.202417
146.983431 2.969587 -8508.167

ELEM 24 ========== LENGTH =
4.967007

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 16.165508 -569.710170 0.141351
44.329201 0.498119 -3482.571
0.25000 15.529716 -545.237945 0.141351
44.329201 0.322596 -2790.475
0.50000 14.931313 -522.204870 0.141351
44.329201 0.147074 -2127.875
0.75000 14.370300 -500.610945 0.141351
44.329201 -0.028448 -1492.982
1.00000 13.846677 -480.456171 0.141351
44.329201 -0.203971 -884.010027

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 39.641102 -1392.036 -0.221509
204.017804 -2.269499 -8507.816
0.25000 38.300793 -1340.446 -0.221509
194.520886 -1.994440 -6811.284
0.50000 36.960483 -1288.856 -0.221509
185.023968 -1.719380 -5178.814
0.75000 35.620174 -1237.266 -0.221509
175.527050 -1.444321 -3610.405
1.00000 34.279865 -1185.677 -0.221509
166.030132 -1.169261 -2106.058

ELEM 25 ========== LENGTH =
4.967404

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 13.997659 -464.901748 0.134073
42.216685 -2.197240 -883.963715
0.25000 13.496641 -445.464791 0.134073
42.216685 -2.363739 -318.693899
0.50000 12.995624 -426.027835 0.134073
42.216685 -2.530238 222.438112
0.75000 12.494606 -406.590878 0.134073
42.216685 -2.696737 739.432318
1.00000 11.993589 -387.153922 0.134073
42.216685 -2.863236 1232.289

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 34.501725 -1143.032 -0.114688
193.458947 -6.770869 -2105.690
0.25000 33.171799 -1091.438 -0.114688
183.961270 -6.628443 -718.251365
0.50000 31.841873 -1039.843 -0.114688
174.463594 -6.486017 605.115130
0.75000 30.511946 -988.248635 -0.114688
164.965917 -6.343592 1864.409
1.00000 29.182020 -936.654201 -0.114688
155.468240 -6.201166 3059.630
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FRAME ELEMENT INTERNAL FORCES

ELEM 26 ========== LENGTH =
4.966912

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 12.357702 -373.156340 0.154284
37.610152 -4.799732 1232.324
0.25000 11.848396 -353.553065 0.154284
37.610152 -4.991311 1683.546
0.50000 11.330338 -333.612888 0.154284
37.610152 -5.182890 2110.218
0.75000 10.803527 -313.335810 0.154284
37.610152 -5.374469 2511.920
1.00000 10.267962 -292.721830 0.154284
37.610152 -5.566048 2888.234

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 29.846759 -894.975358 0.158963
166.497307 -11.415038 3059.940
0.25000 28.506450 -843.386584 0.158963
157.000572 -11.612426 4139.227
0.50000 27.166140 -791.797811 0.158963
147.503837 -11.809815 5154.454
0.75000 25.825831 -740.209037 0.158963
138.007102 -12.007203 6105.621
1.00000 24.485522 -688.620263 0.158963
128.510367 -12.204591 6992.730

ELEM 27 ========== LENGTH =
4.967391

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.355402 -278.932729 0.160041
28.508160 -6.902663 2888.262
0.25000 9.807804 -257.688738 0.160041
28.508160 -7.101409 3221.558
0.50000 9.236525 -235.526078 0.160041
28.508160 -7.300155 3527.902
0.75000 8.641567 -212.444751 0.160041
28.508160 -7.498901 3806.153
1.00000 8.022928 -188.444757 0.160041
28.508160 -7.697647 4055.170

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 24.426540 -645.326380 0.243849
120.981349 -15.730797 6992.945
0.25000 23.096614 -593.732078 0.243849
111.483697 -16.033621 7762.306
0.50000 21.766688 -542.137776 0.243849
101.986044 -16.336445 8467.594
0.75000 20.436761 -490.543474 0.243849
92.488392 -16.639268 9108.811
1.00000 19.106835 -438.949171 0.243849
82.990739 -16.942092 9685.955

ELEM 28 ========== LENGTH =
4.968011

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 7.957017 -173.563826 0.165165
11.700238 -8.149812 4055.196
0.25000 7.321616 -149.101698 0.165165
11.700238 -8.354948 4255.572
0.50000 6.686215 -124.639570 0.165165
11.700238 -8.560083 4425.565
0.75000 6.050814 -100.177442 0.165165
11.700238 -8.765219 4565.177
1.00000 5.415413 -75.715314 0.165165
11.700238 -8.970355 4674.407
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 18.635253 -391.727561 0.302258
51.899609 -18.218778 9686.084
0.25000 17.294943 -340.127352 0.302258
42.400772 -18.594183 10140.567
0.50000 15.954634 -288.527144 0.302258
32.901934 -18.969589 10530.963
0.75000 14.614324 -236.926935 0.302258
23.403097 -19.344994 10857.270
1.00000 13.274015 -185.326726 0.302258
13.904260 -19.720400 11119.490

ELEM 29 ========== LENGTH =
4.966639

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 5.049458 -60.970448 0.120889
-7.469704 -8.554087 4674.410
0.25000 4.418979 -36.514829 0.120889
-7.469704 -8.704190 4734.932
0.50000 3.788501 -12.059209 0.120889
-7.469704 -8.854293 4765.088
0.75000 3.158022 12.396410 0.120889
-7.469704 -9.004396 4764.879
1.00000 2.527544 36.852030 0.120889
-7.469704 -9.154500 4734.304

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 12.072614 -137.815152 0.148623
-26.152873 -18.832863 11119.464
0.25000 10.742688 -86.228672 0.148623
-35.649087 -19.017402 11258.557
0.50000 9.412762 -34.642193 0.148623
-45.145301 -19.201941 11333.597
0.75000 8.082835 16.944287 0.148623
-54.641516 -19.386480 11344.584
1.00000 6.752909 68.530766 0.148623
-64.137730 -19.571019 11291.519

ELEM 30 ========== LENGTH =
4.967289

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.891167 51.616849 0.108589
-25.340577 -7.901693 4734.295
0.25000 1.255766 76.075416 0.108589
-25.340577 -8.036541 4655.010
0.50000 0.620365 100.533983 0.108589
-25.340577 -8.171389 4545.351
0.75000 -0.015036 124.992550 0.108589
-25.340577 -8.306237 4405.319
1.00000 -0.650437 149.451116 0.108589
-25.340577 -8.441085 4234.914

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.908682 116.022362 0.149351
-102.810256 -16.627376 11291.365
0.25000 3.568373 167.615058 0.149351
-112.307712 -16.812843 11115.251
0.50000 2.228064 219.207755 0.149351
-121.805168 -16.998310 10875.069
0.75000 0.887755 270.800452 0.149351
-131.302624 -17.183778 10570.817
1.00000 -0.452555 322.393148 0.149351
-140.800081 -17.369245 10202.497
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FRAME ELEMENT INTERNAL FORCES

ELEM 31 ========== LENGTH =
4.967072

LOAD STEEL ----------

REL DIST P V2 V3

```
    T          M2          M3
 0.00000    -1.532458   164.893315     0.098271
-46.039481   -6.282394    4234.867
 0.25000    -2.143991   188.616121     0.098271
-46.039481   -6.404424    4015.226
 0.50000    -2.717632   210.869030     0.098271
-46.039481   -6.526455    3767.040
 0.75000    -3.253383   231.652041     0.098271
-46.039481   -6.648485    3492.134
 1.00000    -3.751241   250.965154     0.098271
-46.039481   -6.770515    3192.332

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    -2.885277   371.012836     0.145383
-186.906188  -12.250289   10202.101
 0.25000    -4.215203   422.603820     0.145383
-196.403231  -12.430821   9709.357
 0.50000    -5.545130   474.194803     0.145383
-205.900273  -12.611353   9152.549
 0.75000    -6.875056   525.785787     0.145383
-215.397315  -12.791885   8531.677
 1.00000    -8.204982   577.376770     0.145383
-224.894358  -12.972416   7846.741

ELEM        32 ================== LENGTH =
4.967871

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    -4.898528   263.138818     0.158516
-53.485166   -4.093432    3192.295
 0.25000    -5.378795   281.627937     0.158516
-53.485166   -4.290304    2853.985
 0.50000    -5.854289   299.933369     0.158516
-53.485166   -4.487176    2492.826
 0.75000    -6.325013   318.055114     0.158516
-53.485166   -4.684048    2109.046
 1.00000    -6.790965   335.993171     0.158516
-53.485166   -4.880919    1702.873

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   -11.209579   615.484906     0.395842
-235.422175   -6.624551    7846.298
 0.25000   -12.549889   667.083661     0.395842
-244.920745   -7.116174    7049.844
 0.50000   -13.890198   718.682416     0.395842
-254.419315   -7.607798    6189.305
 0.75000   -15.230508   770.281170     0.395842
-263.917885   -8.099421    5264.683
 1.00000   -16.570817   821.879925     0.395842
-273.416455   -8.591045    4275.976

ELEM        33 ================== LENGTH =
4.470768

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    -8.083118   349.174181     0.003834
-57.628091   -1.541089    1702.864
 0.25000    -8.494485   365.161260     0.003834
-57.628091   -1.545374    1303.647
 0.50000    -8.902064   381.001180     0.003834
-57.628091   -1.549660    886.643303
 0.75000    -9.305857   396.693942     0.003834
-57.628091   -1.553946   452.017827
 1.00000    -9.705864   412.239546     0.003834
-57.628091   -1.558232    -0.065084
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LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   -19.975967   863.431429    -0.236327
-281.758883   -0.476667    4275.516
 0.25000   -21.170824   909.867607    -0.236327
-290.306990   -0.212527    3284.515
 0.50000   -22.365681   956.303785    -0.236327
-298.855098    0.051613    2241.613
 0.75000   -23.560538    1002.740     -0.236327
-307.403206    0.315754    1146.809
 1.00000   -24.755395    1049.176     -0.236327
-315.951313    0.579894    0.104429

ELEM        34 ================== LENGTH =
4.493859

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    9.879819  -416.756808     0.246243
30.000355   -3.713768    -0.118089
 0.25000    9.476335  -401.130983     0.246243
30.000355   -3.990413   459.329860
 0.50000    9.069032  -385.357240     0.246243
30.000355   -4.267059   901.139652
 0.75000    8.657909  -369.435579     0.246243
30.000355   -4.543704   1325.145
 1.00000    8.242967  -353.366001     0.246243
30.000355   -4.820350    1731.180

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   25.607628    -1076.413     0.969681
71.125622   -9.074671    -0.297227
 0.25000   24.398905    -1029.602     0.969681
69.016878  -10.164074    1182.719
 0.50000   23.190182   -982.791445     0.969681
66.908135  -11.253477    2313.146
 0.75000   21.981459   -935.980912     0.969681
64.799391  -12.342880    3390.983
 1.00000   20.772735   -889.170379     0.969681
62.690648  -13.432283    4416.229

ELEM        35 ================== LENGTH =
4.993904

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    6.744068  -336.535642     0.183967
38.039068   -8.165571    1731.130
 0.25000    6.281724  -318.503272     0.183967
38.039068   -8.395249    2140.050
 0.50000    5.814646  -300.286249     0.183967
38.039068   -8.624926    2526.341
 0.75000    5.342833  -281.884572     0.183967
38.039068   -8.854604    2889.773
 1.00000    4.866285  -263.298243     0.183967
38.039068   -9.084282    3230.116

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   16.617482  -828.770524     0.577603
119.414472  -22.543281    4416.136
 0.25000   15.283712  -776.750760     0.577603
117.071082  -23.264405    5418.364
 0.50000   13.949943  -724.730996     0.577603
114.727693  -23.985528    6355.646
 0.75000   12.616173  -672.711232     0.577603
112.384303  -24.706652    7227.982
 1.00000   11.282403  -620.691468     0.577603
110.040913  -25.427776    8035.373
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ELEM        36 ================== LENGTH =
4.994106

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    3.831788  -250.402972     0.011504
27.047560  -11.196512    3230.109
 0.25000    3.330040  -230.984805     0.011504
27.047560  -11.210874    3530.775
 0.50000    2.790105  -210.088745     0.011504
27.047560  -11.225237    3806.275
 0.75000    2.211983  -187.714792     0.011504
27.047560  -11.239599    4054.763
 1.00000    1.595674  -163.862946     0.011504
27.047560  -11.253962    4274.394

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    8.455172  -577.101392    -0.129785
89.941864  -30.722306    8035.429
 0.25000    7.110989  -525.080056    -0.129785
87.598380  -30.560265    8723.480
 0.50000    5.766806  -473.058720    -0.129785
85.254895  -30.398225    9346.581
 0.75000    4.422623  -421.037384    -0.129785
82.911411  -30.236184    9904.733
 1.00000    3.078440  -369.016048    -0.129785
80.567926  -30.074144   10397.934

ELEM        37 ================== LENGTH =
4.994315

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    0.683094  -148.723645    -0.070813
16.563046  -12.541338    4274.391
 0.25000    0.052613  -124.131569    -0.070813
16.563046  -12.452922    4444.732
 0.50000   -0.577868   -99.539494    -0.070813
16.563046  -12.364507    4584.367
 0.75000   -1.208349   -74.947419    -0.070813
16.563046  -12.276091    4693.298
 1.00000   -1.838830   -50.355343    -0.070813
16.563046  -12.187675    4771.523

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    0.564889  -320.134238    -0.335018
55.308711  -33.191212   10397.979
 0.25000   -0.768881  -268.110189    -0.335018
52.965128  -32.772916   10765.214
 0.50000   -2.102650  -216.086139    -0.335018
50.621546  -32.354620   11067.493
 0.75000   -3.436420  -164.062089    -0.335018
48.277964  -31.936323   11304.815
 1.00000   -4.770190  -112.038040    -0.335018
45.934381  -31.518027   11477.182

ELEM        38 ================== LENGTH =
4.993674

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   -2.412812   -36.572744    -0.136573
0.863072  -12.519468    4771.515
 0.25000   -3.048215   -11.984081    -0.136573
0.863072  -12.348968    4801.825
 0.50000   -3.683618    12.604582    -0.136573
0.863072  -12.178468    4801.437
 0.75000   -4.319022    37.193245    -0.136573
0.863072  -12.007968    4770.353
 1.00000   -4.954425    61.781908    -0.136573
0.863072  -11.837468    4708.572
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LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   -6.452570   -67.529086    -0.477544
1.724369  -32.183807   11477.170
 0.25000   -7.796753   -15.512255    -0.477544
-0.618913  -31.587633   11529.005
 0.50000   -9.140936    36.504576    -0.477544
-2.962195  -30.991458   11515.902
 0.75000  -10.485118    88.521406    -0.477544
-5.305476  -30.395284   11437.859
 1.00000  -11.829301    140.538237    -0.477544
-7.648758  -29.799110   11294.878

ELEM        39 ================== LENGTH =
4.993996

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   -5.253592    75.674063    -0.180390
-15.585143  -11.288948   4708.554
 0.25000   -5.884073   100.264564    -0.180390
-15.585143  -11.063732   4598.725
 0.50000   -6.514553   124.855064    -0.180390
-15.585143  -10.838515   4458.194
 0.75000   -7.145034   149.445565    -0.180390
-15.585143  -10.613299   4286.962
 1.00000   -7.775515   174.036066    -0.180390
-15.585143  -10.388082   4085.028

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -12.854259   185.357095    -0.511124
-55.218546  -28.325171   11294.785
 0.25000  -14.188029   237.377813    -0.511124
-57.561978  -27.687034   11030.893
 0.50000  -15.521799   289.398531    -0.511124
-59.905411  -27.048897   10702.053
 0.75000  -16.855568   341.419250    -0.511124
-62.248843  -26.410760   10308.265
 1.00000  -18.189338   393.439968    -0.511124
-64.592276  -25.772622    9849.530

ELEM        40 ================== LENGTH =
4.994460

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   -7.885570   188.498460    -0.262668
-27.483638   -9.150914    4085.007
 0.25000   -8.509040   212.629160    -0.262668
-27.483638   -8.822943    3834.483
 0.50000   -9.108646   235.836190    -0.262668
-27.483638   -8.494972    3554.407
 0.75000   -9.684386   258.119549    -0.262668
-27.483638   -8.167000    3245.931
 1.00000  -10.236262   279.479237    -0.262668
-27.483638   -7.839029    2910.208

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -18.773020   440.231746    -0.748156
-99.961043  -22.673763    9849.377
 0.25000  -20.117203   492.256770    -0.748156
-102.304693  -21.739604    9267.218
 0.50000  -21.461386   544.281793    -0.748156
-104.648344  -20.805445    8620.099
 0.75000  -22.805569   596.306816    -0.748156
-106.991994  -19.871286    7908.021
 1.00000  -24.149752   648.331839    -0.748156
-109.335644  -18.937128    7130.983
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ELEM        41 ================== LENGTH =
4.993895

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -10.018079   293.337104    -0.332705
-37.387096   -5.965766    2910.179
 0.25000  -10.549497   314.063435    -0.332705
-37.387096   -5.550392    2530.982
 0.50000  -11.072229   334.451029    -0.332705
-37.387096   -5.135018    2126.120
 0.75000  -11.586276   354.499884    -0.332705
-37.387096   -4.719644    1696.016
 1.00000  -12.091638   374.210002    -0.332705
-37.387096   -4.304271    1241.094

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -23.975630   694.826964    -1.001851
-135.833860  -14.412137    7130.762
 0.25000  -25.309400   746.846627    -1.001851
-138.177245  -13.161352    6230.816
 0.50000  -26.643170   798.866291    -1.001851
-140.520630  -11.910567    5265.925
 0.75000  -27.976939   850.885954    -1.001851
-142.864015  -10.659782    4236.089
 1.00000  -29.310709   902.905618    -1.001851
-145.207400   -9.408997    3141.308

ELEM        42 ================== LENGTH =
4.993439

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -11.861141   388.161263    -0.414077
-41.408905   -2.092300    1241.065
 0.25000  -12.366072   407.700024    -0.414077
-41.408905   -1.575382   744.304438
 0.50000  -12.871003   427.238784    -0.414077
-41.408905   -1.058465   223.152469
 0.75000  -13.375933   446.777545    -0.414077
-41.408905   -0.541547  -322.390900
 1.00000  -13.880864   466.316305    -0.414077
-41.408905   -0.024630  -892.325671

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -29.139868   951.474990    -1.436005
-149.629534   -4.212515    3141.059
 0.25000  -30.484051    1003.489     -1.436005
-151.972705   -2.419865    1920.810
 0.50000  -31.828234    1055.504     -1.436005
-154.315876   -0.627214   635.627880
 0.75000  -33.172416    1107.518     -1.436005
-156.659047    1.165437  -714.486736
 1.00000  -34.516599    1159.532     -1.436005
-159.002218    2.958088  -2129.534

ELEM        43 ================== LENGTH =
4.994012

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -13.489451   480.906919    -0.393346
-37.279526    1.979422  -892.345660
 0.25000  -14.009020   501.171626    -0.393346
-37.279526    2.470516   -1505.259
 0.50000  -14.565689   522.883334    -0.393346
-37.279526    2.961610   -2144.376
 0.75000  -15.159458   546.042042    -0.393346
-37.279526    3.452704   -2811.504
 1.00000  -15.790327   570.647750    -0.393346
-37.279526    3.943799   -3508.449
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LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -34.017370   1212.838     -1.452663
-129.637466   7.306447   -2129.735
 0.25000  -35.351140   1264.859     -1.452663
-131.980906   9.120101   -3676.441
 0.50000  -36.684910   1316.879     -1.452663
-134.324346  10.933755   -5288.095
 0.75000  -38.018679   1368.900     -1.452663
-136.667786  12.747410   -6964.697
 1.00000  -39.352449   1420.921     -1.452663
-139.011226  14.561064   -8706.247

ELEM        44 ================== LENGTH =
4.994668

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -15.759143   585.200012    -0.298394
-23.976989    5.251129   -3508.471
 0.25000  -16.439886   611.548494    -0.298394
-23.976989    5.623723   -4255.430
 0.50000  -17.173140   639.929386    -0.298394
-23.976989    5.996317   -5036.558
 0.75000  -17.958903   670.342688    -0.298394
-23.976989    6.368912   -5854.393
 1.00000  -18.797175   702.788399    -0.298394
-23.976989    6.741506   -6711.473

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000  -39.842875    1478.033     -0.905174
-68.839319   16.764197   -8706.402
 0.25000  -41.187058    1530.060     -0.905174
-71.183067   17.894458   -10584.455
 0.50000  -42.531241    1582.087     -0.905174
-73.526814   19.024719   -12527.473
 0.75000  -43.875424    1634.114     -0.905174
-75.870562   20.154979   -14535.455
 1.00000  -45.219607    1686.142     -0.905174
-78.214310   21.285240   -16608.402

ELEM        45 ================== LENGTH =
4.993331

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   15.438699  -616.083072     0.092335
-19.436626    7.497254   -6711.497
 0.25000   14.580869  -582.629779     0.092335
-19.436626    7.381990   -5963.300
 0.50000   13.723039  -549.176485     0.092335
-19.436626    7.266725   -5256.865
 0.75000   12.865209  -515.723191     0.092335
-19.436626    7.151460   -4592.191
 1.00000   12.007379  -482.269897     0.092335
-19.436626    7.036195   -3969.277

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   34.816175    -1396.094     0.468572
-44.221032   22.493498   -16608.491
 0.25000   33.482406    -1344.080     0.468572
-46.564153   21.908565   -14898.166
 0.50000   32.148636    -1292.066     0.468572
-48.907273   21.323631   -13252.773
 0.75000   30.814866    -1240.052     0.468572
-51.250394   20.738698   -11672.310
 1.00000   29.481097    -1188.039     0.468572
-53.593515   20.153765   -10156.777
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ELEM        46 ================== LENGTH =
4.994116

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   11.823159  -468.488395     0.079670
-6.624544    6.952972   -3969.307
 0.25000   10.982101  -435.938503     0.079670
-6.624544    6.853502   -3404.894
 0.50000   10.187984  -405.205256     0.079670
-6.624544    6.754031   -2879.987
 0.75000    9.440808  -376.288655     0.079670
-6.624544    6.654561   -2392.317
 1.00000    8.740572  -349.188698     0.079670
-6.624544    6.555090   -1939.616

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   28.450512    -1132.732     0.503926
16.445930   18.871996   -10156.813
 0.25000   27.106329    -1080.710     0.503926
14.102442   18.242830    -8775.039
 0.50000   25.762146    -1028.689     0.503926
11.758953   17.613664    -7458.216
 0.75000   24.417963    -976.667590     0.503926
9.415464   16.984498    -6206.343
 1.00000   23.073780    -924.646155     0.503926
7.071975   16.355332    -5019.421

ELEM        47 ================== LENGTH =
4.993891

LOAD     STEEL --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000    8.249040  -334.513681     0.082839
1.988788    6.186737   -1939.632
 0.25000    7.598829  -309.154207     0.082839
1.988788    6.083314   -1538.004
 0.50000    6.991245  -285.457230     0.082839
1.988788    5.979892   -1166.999
 0.75000    6.426287  -263.422750     0.082839
1.988788    5.876470  -824.541185
 1.00000    5.903954  -243.050767     0.082839
1.988788    5.773048  -508.554953

LOAD     CONC --------------------

REL DIST             P          V2             V3
    T          M2          M3
 0.00000   21.359206  -870.882650     0.420109
48.834216   14.794306   -5019.351
 0.25000   20.025436  -818.863024     0.420109
46.490833   14.269812   -3964.550
 0.50000   18.691666  -766.843398     0.420109
44.147450   13.745318   -2974.695
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 0.75000     17.357897  -714.823772     0.420109
41.804066    13.220824    -2049.784
 1.00000     16.024127  -662.804146     0.420109
39.460683    12.696329    -1189.819

 ELEM        48 ========== LENGTH =
 4.993782

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     5.469921  -228.484486     0.057113
4.989443    5.352186  -508.561308
 0.25000     4.963003  -208.867495     0.057113
4.989443    5.280884  -235.540242
 0.50000     4.452112  -189.096736     0.057113
4.989443    5.209582    12.894095
 0.75000     3.937248  -169.172209     0.057113
4.989443    5.138280   236.549729
 1.00000     3.418409  -149.093914     0.057113
4.989443    5.066977   435.234691
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 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    14.560518  -612.928424     0.186559
50.739843   11.396702    -1189.725
 0.25000    13.216335  -560.910470     0.186559
48.396511   11.163794  -456.987831
 0.50000    11.872152  -508.892515     0.186559
46.053178   10.930885   210.807561
 0.75000    10.527969  -456.874561     0.186559
43.709846   10.697977   813.661369
 1.00000     9.183786  -404.856606     0.186559
41.366514   10.465069    1351.574

 ELEM        49 ========== LENGTH =
 4.994669

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     2.933836  -135.026126     0.042686
3.408732    4.805724   435.233418
 0.25000     2.417046  -114.867154     0.042686
3.408732    4.752423   591.250207
 0.50000     1.900255   -94.708181     0.042686
3.408732    4.699123   722.095145
 0.75000     1.383465   -74.549208     0.042686
3.408732    4.645822   827.768232
 1.00000     0.866675   -54.390236     0.042686
3.408732    4.592522   908.269468

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     7.635498  -358.022463     0.093380
32.355701    9.836244    1351.654
 0.25000     6.301728  -305.994719     0.093380
30.011952    9.719643    1766.222
 0.50000     4.967958  -253.966975     0.093380
27.668204    9.603043    2115.825
 0.75000     3.634188  -201.939231     0.093380
25.324455    9.486442    2400.463
 1.00000     2.300418  -149.911487     0.093380
22.980706    9.369841    2620.135

 ELEM        50 ========== LENGTH =
 4.993666

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     0.487619   -40.308023    -0.015130
0.124972    4.585825   908.270521
 0.25000    -0.033206   -20.153311    -0.015130
0.124972    4.604713   946.010988
 0.50000    -0.554031     0.001400    -0.015130
0.124972    4.623601   958.589979
 0.75000    -1.074855    20.156112    -0.015130
0.124972    4.642490   946.007492
 1.00000    -1.595680    40.310824    -0.015130
0.124972    4.661378   908.263528

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     1.069071  -104.027556    -0.126401
4.992332    9.555658    2620.168
 0.25000    -0.275111   -52.010809    -0.126401
2.649054    9.713459    2717.568
 0.50000    -1.619294     0.005938    -0.126401
0.305776    9.871260    2750.030
 0.75000    -2.963477    52.022685    -0.126401
-2.037502   10.029061    2717.553
 1.00000    -4.307660   104.039432    -0.126401
-4.380780   10.186863    2620.138
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 ELEM        51 ========== LENGTH =
 4.993670

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -1.891131    54.393821    -0.046372
-3.157823    4.920849   908.266675
 0.25000    -2.407921    74.548753    -0.046372
-3.157823    4.978741   827.779597
 0.50000    -2.924711    94.703686    -0.046372
-3.157823    5.036633   722.130751
 0.75000    -3.441501   114.858618    -0.046372
-3.157823    5.094525   591.320135
 1.00000    -3.958292   135.013551    -0.046372
-3.157823    5.152417   435.347751

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -5.305355   149.926331    -0.219492
-22.374271  11.116244    2620.113
 0.25000    -6.639124   201.943648    -0.219492
-24.717551  11.390262    2400.473
 0.50000    -7.972894   253.960965    -0.219492
-27.060830  11.664280    2115.893
 0.75000    -9.306663   305.978282    -0.219492
-29.404110  11.938298    1766.374
 1.00000   -10.640433   357.995599    -0.219492
-31.747389  12.212316    1351.916

 ELEM        52 ========== LENGTH =
 4.994775

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -4.227066   149.072461    -0.105850
-4.656117    5.569167   435.353620
 0.25000    -4.745904   169.154754    -0.105850
-4.656117    5.701342   236.653443
 0.50000    -5.260769   189.083248    -0.105850
-4.656117    5.833516    12.972654
 0.75000    -5.771660   208.857943    -0.105850
-4.656117    5.965690  -235.496697
 1.00000    -6.278578   228.478840    -0.105850
-4.656117    6.097864  -508.562564

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -11.580497   404.793134    -0.513007
-40.534778  13.491414    1351.851
 0.25000   -12.924680   456.821445    -0.513007
-42.878576  14.132003   813.904130
 0.50000   -14.268863   508.849756    -0.513007
-45.222374  14.772591   210.990313
 0.75000   -15.613046   560.878068    -0.513007
-47.566173  15.413180  -456.890934
 1.00000   -16.957229   612.906379    -0.513007
-49.909971  16.053769    -1189.740

 ELEM        53 ========== LENGTH =
 4.993881

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -6.481175   243.040285    -0.110767
-1.648533    6.417505  -508.553649
 0.25000    -7.003507   263.412228    -0.110767
-1.648533    6.555794  -824.526142
 0.50000    -7.568465   285.446664    -0.110767
-1.648533    6.694084    -1166.970
 0.75000    -8.176050   309.143594    -0.110767
-1.648533    6.832373    -1537.961
 1.00000    -8.826260   334.503018    -0.110767
-1.648533    6.970663    -1939.575
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 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -17.749475   662.770543    -0.643181
-38.617815  16.896371    -1189.827
 0.25000   -19.083244   714.790065    -0.643181
-40.961194  17.699363    -2049.749
 0.50000   -20.417014   766.809588    -0.643181
-43.304573  18.502356    -2974.616
 0.75000   -21.750784   818.829111    -0.643181
-45.647951  19.305349    -3964.427
 1.00000   -23.084553   870.848633    -0.643181
-47.991330  20.108341    -5019.183

 ELEM        54 ========== LENGTH =
 4.994116

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -9.217906   349.164144    -0.124783
7.359760    6.910090    -1939.557
 0.25000    -9.918142   376.264101    -0.124783
7.359760    7.065885    -2392.227
 0.50000   -10.665319   405.180702    -0.124783
7.359760    7.221680    -2879.867
 0.75000   -11.459436   435.913949    -0.124783
7.359760    7.377475    -3404.743
 1.00000   -12.300493   468.463841    -0.124783
7.359760    7.533270    -3969.125

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -24.459491   924.575890    -0.773564
-5.200282   19.591770    -5019.255
 0.25000   -25.803673   976.597325    -0.773564
-7.543771   20.557587    -6206.090
 0.50000   -27.147856    1028.619    -0.773564
-9.887260   21.523404    -7457.875
 0.75000   -28.492039    1080.640    -0.773564
-12.230749  22.489221    -8774.611
 1.00000   -29.836222    1132.662    -0.773564
-14.574237  23.455038    -10156.296

 ELEM        55 ========== LENGTH =
 4.993357

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -12.741306   482.216127    -0.090269
20.145963    6.947127    -3969.094
 0.25000   -13.605834   515.669248    -0.090269
20.145963    7.059813    -4591.944
 0.50000   -14.470361   549.122370    -0.090269
20.145963    7.172499    -5256.555
 0.75000   -15.334889   582.575491    -0.090269
20.145963    7.285185    -5962.926
 1.00000   -16.199416   616.028612    -0.090269
20.145963    7.397871    -6711.058

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -31.429821    1187.904    -0.396935
55.386740   21.143698   -10156.257
 0.25000   -32.774004    1239.917    -0.396935
53.043608   21.639208   -11671.629
 0.50000   -34.118186    1291.931    -0.396935
50.700475   22.134717   -13251.932
 0.75000   -35.462369    1343.944    -0.396935
48.357342   22.630227   -14897.165
 1.00000   -36.806552    1395.958    -0.396935
46.014210   23.125736   -16607.328
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 ELEM        56 ========== LENGTH =
 4.994622

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    17.039074  -702.766601     0.353229
23.196437    6.385551    -6711.551
 0.25000    16.207295  -670.320852     0.353229
23.196437    5.944489    -5854.506
 0.50000    15.427620  -639.907516     0.353229
23.196437    5.503427    -5036.705
 0.75000    14.700047  -611.526591     0.353229
23.196437    5.062365    -4255.612
 1.00000    14.024577  -585.178078     0.353229
23.196437    4.621303    -3508.687

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    40.647879    -1686.097     1.151904
76.281573   20.152562   -16608.724
 0.25000    39.314110    -1634.069     1.151904
73.937847   18.714230   -14535.852
 0.50000    37.980340    -1582.042     1.151904
71.594120   17.275898   -12527.945
 0.75000    36.646570    -1530.015     1.151904
69.250394   15.837566   -10585.001
 1.00000    35.312800    -1477.988     1.151904
66.906667   14.399235    -8707.022

 ELEM        57 ========== LENGTH =
 4.994038

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    13.243726  -570.639068     0.388159
37.190513    2.604156    -3508.661
 0.25000    12.607932  -546.033487     0.388159
37.190513    2.119535    -2811.724
 0.50000    12.009527  -522.874899     0.388159
37.190513    1.634914    -2144.603
 0.75000    11.448512  -501.163303     0.388159
37.190513    1.150294    -1505.493
 1.00000    10.924886  -480.898700     0.388159
37.190513    0.665673  -892.586883

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    32.884275    -1420.914     1.335770
138.809353   8.572012    -8706.855
 0.25000    31.540092    -1368.893     1.335770
136.465901   6.904291    -6965.304
 0.50000    30.195910    -1316.873     1.335770
134.122449   5.236570    -5288.702
 0.75000    28.851727    -1264.852     1.335770
131.778997   3.568849    -3677.048
 1.00000    27.507544    -1212.832     1.335770
129.435544   1.901128    -2130.342

 ELEM        58 ========== LENGTH =
 4.993413

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     9.798491  -466.322485     0.419429
41.294605   -1.513694  -892.565149
 0.25000     9.297472  -446.783624     0.419429
41.294605   -2.037290  -322.625664
 0.50000     8.796453  -427.244763     0.419429
41.294605   -2.560885   222.922420
 0.75000     8.295434  -407.705902     0.419429
41.294605   -3.084481   744.079104
 1.00000     7.794414  -388.167040     0.419429
41.294605   -3.608076    1240.844
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 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    24.321316    -1159.549     1.286707
158.755311   -3.835415    -2130.131
 0.25000    22.987547    -1107.534     1.286707
156.412152   -5.441680  -715.070799
 0.50000    21.653777    -1055.519     1.286707
154.068992   -7.047945   635.056422
 0.75000    20.320008    -1003.505     1.286707
151.725833   -8.654210    1920.251
 1.00000    18.986238   -951.489991     1.286707
149.382674  -10.260475    3140.513

 ELEM        59 ========== LENGTH =
 4.993890

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     6.872868  -374.223504     0.370511
37.479364   -5.541142    1240.870
 0.25000     6.363560  -354.513607     0.370511
37.479364   -6.003714    1695.809
 0.50000     5.845500  -334.464975     0.370511
37.479364   -6.466287    2125.930
 0.75000     5.318687  -314.077609     0.370511
37.479364   -6.928860    2530.809
 1.00000     4.783120  -293.351509     0.370511
37.479364   -7.391432    2910.023

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    16.392794  -902.939165     0.941697
145.462769  -15.045271    3140.743
 0.25000    15.048611  -850.920082     0.941697
143.119386  -16.218254    4235.565
 0.50000    13.704428  -798.900999     0.941697
140.776002  -17.393938    5265.444
 0.75000    12.360246  -746.881915     0.941697
138.432619  -18.569621    6230.377
 1.00000    11.016063  -694.862832     0.941697
136.089236  -19.745304    7130.367

 ELEM        60 ========== LENGTH =
 4.994401

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     3.889428  -279.505154     0.298393
27.562511   -8.651387    2910.059
 0.25000     3.341828  -258.145498     0.298393
27.562511   -9.023960    3245.810
 0.50000     2.770547  -235.862173     0.298393
27.562511   -9.396533    3554.315
 0.75000     2.175587  -212.655179     0.298393
27.562511   -9.769106    3834.421
 1.00000     1.556946  -188.524516     0.298393
27.562511  -10.141679    4084.973

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     8.546495  -648.397402     0.695462
109.548380  -22.661517    7130.605
 0.25000     7.212726  -596.372458     0.695462
107.204757  -23.529872    7907.715
 0.50000     5.878956  -544.347515     0.695462
104.861135  -24.398227    8619.866
 0.75000     4.545186  -492.322572     0.695462
102.517512  -25.266581    9267.060
 1.00000     3.211416  -440.297628     0.695462
100.173890  -26.134936    9849.295
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 ELEM        61 ========== LENGTH =
 4.994022

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     0.968952  -174.040929     0.211199
14.944346   -10.627546    4085.006
 0.25000     0.333549  -149.450555     0.211199
14.944346   -10.891229    4286.947
 0.50000    -0.301854  -124.860181     0.211199
14.944346   -11.154912    4458.186
 0.75000    -0.937258  -100.269807     0.211199
14.944346   -11.418595    4598.724
 1.00000    -1.572661   -75.679433     0.211199
14.944346   -11.682277    4708.561

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000     1.500755  -393.457111     0.440071
63.095182   -27.097360    9849.480
 0.25000     0.156572  -341.436661     0.440071
60.751738   -27.646790   10308.239
 0.50000    -1.187611  -289.416210     0.440071
58.408293   -28.196221   10702.051
 0.75000    -2.531793  -237.395760     0.440071
56.064848   -28.745651   11030.915
 1.00000    -3.875976  -185.375310     0.440071
53.721404   -29.295082   11294.831

 ELEM        62 ========== LENGTH =
 4.993649

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -1.940268   -61.788708     0.164988
-1.496234   -11.259404    4708.585
 0.25000    -2.570749   -37.199918     0.164988
-1.496234   -11.465377    4770.374
 0.50000    -3.201230   -12.611129     0.164988
-1.496234   -11.671350    4801.466
 0.75000    -3.831710    11.977661     0.164988
-1.496234   -11.877323    4801.862
 1.00000    -4.462191    36.566451     0.164988
-1.496234   -12.083296    4771.560

 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -5.040534  -140.554537     0.377362
6.199573    -28.042125   11294.936
 0.25000    -6.374303   -88.537438     0.377362
3.856303    -28.513228   11437.936
 0.50000    -7.708073   -36.520340     0.377362
1.513034    -28.984331   11515.998
 0.75000    -9.041843    15.496759     0.377362
-0.830236   -29.455434   11529.121
 1.00000   -10.375612    67.513858     0.377362
-3.173506   -29.926537   11477.305

 ELEM        63 ========== LENGTH =
 4.994341

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -4.548860    50.333391     0.085006
-17.246864  -10.816494    4771.574
 0.25000    -5.184263    74.925340     0.085006
-17.246864  -10.922632    4693.376
 0.50000    -5.819667    99.517289     0.085006
-17.246864  -11.028769    4584.473
 0.75000    -6.455070   124.109237     0.085006
-17.246864  -11.134907    4444.864
 1.00000    -7.090473   148.701186     0.085006
-17.246864  -11.241045    4274.551
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 LOAD   CONC ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -10.863508   111.976930     0.155192
-47.513652  -26.694740   11477.330
 0.25000   -12.207691   164.000712     0.155192
-49.857246  -26.888510   11305.039
 0.50000   -13.551874   216.024493     0.155192
-52.200840  -27.082280   11067.792
 0.75000   -14.896057   268.048275     0.155192
-54.544435  -27.276050   10765.589
 1.00000   -16.240240   320.072056     0.155192
-56.888029  -27.469819   10398.430

 ELEM        64 ========== LENGTH =
 4.994034

 LOAD   STEEL ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -6.911284   163.837375     0.005952
```

-26.911622 -9.312819 4274.564
0.25000 -7.522819 187.689122 0.005952
-26.911622 -9.320250 4054.969
0.50000 -8.096462 210.062981 0.005952
-26.911622 -9.327681 3806.516
0.75000 -8.632214 230.958954 0.005952
-26.911622 -9.335112 3531.053
1.00000 -9.130075 250.377040 0.005952
-26.911622 -9.342544 3230.423

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -16.123340 368.938319 -0.058819
-80.170830 -22.806810 10398.415
0.25000 -17.457110 420.959437 -0.058819
-82.514280 -22.733375 9905.318
0.50000 -18.790880 472.980556 -0.058819
-84.857731 -22.659939 9347.272
0.75000 -20.124649 525.001674 -0.058819
-87.201181 -22.586503 8724.277
1.00000 -21.458419 577.022792 -0.058819
-89.544632 -22.513067 8036.334

ELEM 65 ========== LENGTH = 4.993930

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -8.722093 263.286225 -0.133478
-38.493337 -6.545828 3230.430
0.25000 -9.202360 281.872459 -0.133478
-38.493337 -6.379183 2890.100
0.50000 -9.677857 300.274040 -0.133478
-38.493337 -6.212538 2526.681
0.75000 -10.148582 318.490970 -0.133478
-38.493337 -6.045893 2140.403
1.00000 -10.614536 336.523247 -0.133478
-38.493337 -5.879247 1731.497

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -20.769098 620.653541 -0.504180
-111.098926 -15.868905 8036.277
0.25000 -22.113280 672.673037 -0.504180
-113.442327 -15.239445 7228.929
0.50000 -23.457463 724.692533 -0.504180
-115.785729 -14.609985 6356.635
0.75000 -24.801646 776.712029 -0.504180
-118.129131 -13.980525 5419.397
1.00000 -26.145829 828.731525 -0.504180
-120.472532 -13.351065 4417.213
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ELEM 66 ========== LENGTH = 4.494779

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -9.927865 353.360607 -0.148982
-30.062651 -2.869830 1731.558
0.25000 -10.339232 369.433662 -0.148982
-30.062651 -2.702420 1325.444
0.50000 -10.746813 385.358767 -0.148982
-30.062651 -2.535010 901.352112
0.75000 -11.150608 401.135923 -0.148982
-30.062651 -2.367600 459.448283
1.00000 -11.550616 416.765128 -0.148982
-30.062651 -2.200191 -0.101126

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -24.940490 889.182318 -0.310967
-62.710001 -6.905839 4417.333
0.25000 -26.138800 936.002977 -0.310967
-64.819176 -6.556408 3391.858
0.50000 -27.337110 982.823637 -0.310967
-66.928351 -6.206976 2313.770
0.75000 -28.535420 1029.644 -0.310967
-69.037526 -5.857544 1183.070
1.00000 -29.733731 1076.465 -0.310967
-71.146701 -5.508112 -0.241818

ELEM 67 ========== LENGTH = 4.004997

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.31211 0.014308 -0.654324 0.851034
-0.002021 1.817170 61.197088
0.48408 0.131859 1.696698 0.851034
-0.002021 1.231021 60.838121
0.65606 0.249410 4.047720 0.851034
-0.002021 0.644872 58.859889
0.82803 0.366961 6.398742 0.851034
-0.002021 0.058722 55.262393
1.00000 0.484513 8.749764 0.851034
-0.002021 -0.527427 50.045633

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.31211 2.209822 29.116866 2.073675
-0.016021 4.413501 279.758152
0.48408 2.209822 29.116866 2.073675
-0.016021 2.985259 259.703936
0.65606 2.209822 29.116866 2.073675
-0.016021 1.557017 239.649719
0.82803 2.209822 29.116866 2.073675
-0.016021 0.128775 219.595503
1.00000 2.209822 29.116866 2.073675
-0.016021 -1.299467 199.541287

ELEM 68 ========== LENGTH = 4.004942

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 1.162005 13.102227 0.871489
0.000958 0.548509 50.073499
0.17197 1.279555 15.453203 0.871489
0.000958 -0.051717 40.239930
0.34394 1.397106 17.804178 0.871489
0.000958 -0.651942 28.787161
0.51591 1.514656 20.155153 0.871489
0.000958 -1.252167 15.715192
0.68789 1.632206 22.506128 0.871489
0.000958 -1.852393 1.024022
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LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 5.258570 67.378953 2.151839
0.011612 1.373850 199.610706
0.17197 5.258570 67.378953 2.151839
0.011612 -0.108198 153.204430
0.34394 5.258570 67.378953 2.151839
0.011612 -1.590246 106.798154
0.51591 5.258570 67.378953 2.151839
0.011612 -3.072294 60.391878
0.68789 5.258570 67.378953 2.151839
0.011612 -4.554342 13.985602

ELEM 69 ========== LENGTH = 4.004358

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.31216 -0.377077 -9.694542 1.007143
0.000193 1.694320 15.505916
0.48412 -0.282136 -7.796028 1.007143
0.000193 1.200812 21.527828
0.65608 -0.187195 -5.897515 1.007143
0.000193 0.507303 26.242444
0.82804 -0.092254 -3.999001 1.007143
0.000193 -0.186205 29.649762
1.00000 0.002687 -2.100487 1.007143
0.000193 -0.879713 31.749784

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.31216 -2.032466 -41.458603 2.455012
0.000512 4.605480 57.043583
0.48412 -2.032466 -41.458603 2.455012
0.000512 2.914985 85.591544
0.65608 -2.032466 -41.458603 2.455012
0.000512 1.224489 114.139506
0.82804 -2.032466 -41.458603 2.455012
0.000512 -0.466006 142.687467
1.00000 -2.032466 -41.458603 2.455012
0.000512 -2.156502 171.235428

ELEM 70 ========== LENGTH = 4.005356

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.232144 5.801746 1.002091
-0.000966 0.866202 31.817749
0.17198 0.327095 7.700949 1.002091
-0.000966 0.175923 27.167158
0.34396 0.422047 9.600153 1.002091
-0.000966 -0.514357 21.208321
0.51594 0.516999 11.499357 1.002091
-0.000966 -1.204636 13.941239
0.68792 0.611950 13.398560 1.002091
-0.000966 -1.894915 5.365912

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 2.639581 60.429714 2.441676
-0.003699 2.104461 171.291775
0.17198 2.639581 60.429714 2.441676
-0.003699 0.422539 129.665437
0.34396 2.639581 60.429714 2.441676
-0.003699 -1.259382 88.039099
0.51594 2.639581 60.429714 2.441676
-0.003699 -2.941303 46.412760
0.68792 2.639581 60.429714 2.441676
-0.003699 -4.623224 4.786422
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ELEM 71 ========== LENGTH = 4.004657

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.31214 -0.523927 -8.709157 0.773054
-0.000686 1.468793 15.868602
0.48410 -0.428983 -6.810437 0.773054
-0.000686 0.936418 21.212496
0.65607 -0.334039 -4.911717 0.773054
-0.000686 0.404043 25.248809
0.82803 -0.239095 -3.012997 0.773054
-0.000686 -0.128331 27.977542
1.00000 -0.144151 -1.114277 0.773054
-0.000686 -0.660706 29.398695

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.31214 -2.405888 -38.048688 1.873466
-0.002545 3.548417 62.325351
0.48410 -2.405888 -38.048688 1.873466
-0.002545 2.258229 88.528118
0.65607 -2.405888 -38.048688 1.873466
-0.002545 0.968040 114.730885
0.82803 -2.405888 -38.048688 1.873466
-0.002545 -0.322149 140.933652
1.00000 -2.405888 -38.048688 1.873466
-0.002545 -1.612337 167.136419

ELEM 72 ========== LENGTH = 4.005702

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.071584 1.866019 0.753220
0.000135 0.626385 29.508564
0.17199 0.023371 3.765463 0.753220
0.000135 0.107472 27.568728
0.34397 0.118327 5.664906 0.753220
0.000135 -0.411440 24.320317
0.51596 0.213282 7.564350 0.753220
0.000135 -0.930353 19.763331
0.68794 0.308237 9.463793 0.753220
0.000135 -1.449266 13.897769

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 1.491958 43.629419 1.823350
0.000302 1.506702 167.309513
0.17199 1.491958 43.629419 1.823350
0.000302 0.250550 137.252089
0.34397 1.491958 43.629419 1.823350
0.000302 -1.005603 107.194665
0.51596 1.491958 43.629419 1.823350
0.000302 -2.261755 77.137241
0.68794 1.491958 43.629419 1.823350
0.000302 -3.517908 47.079817

ELEM 73 ========== LENGTH = 4.005049

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.31211 -0.581157 -11.969930 0.521166
-0.000237 0.981605 11.798687
0.48408 -0.486208 -10.070938 0.521166
-0.000237 0.622646 19.389145
0.65605 -0.391260 -8.171947 0.521166
-0.000237 0.263687 25.671650
0.82803 -0.296312 -6.272956 0.521166
-0.000237 -0.095272 30.646202
1.00000 -0.201363 -4.373964 0.521166
-0.000237 -0.454232 34.312800
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LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.31211 -2.390242 -48.530374 1.259716
-0.000883 2.360932 51.654754
0.48408 -2.390242 -48.530374 1.259716
-0.000883 1.493287 85.080641
0.65605 -2.390242 -48.530374 1.259716
-0.000883 0.625642 118.506529
0.82803 -2.390242 -48.530374 1.259716
-0.000883 -0.242003 151.932416
1.00000 -2.390242 -48.530374 1.259716
-0.000883 -1.109648 185.358303

ELEM 74 ========== LENGTH = 4.005049

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.132417 4.099547 0.491381
-8.79E-05 0.404885 34.403273
0.17197 0.227365 5.998538 0.491381
-8.79E-05 0.066440 30.925683
0.34395 0.322314 7.897530 0.491381
-8.79E-05 -0.272004 26.140140
0.51592 0.417262 9.796521 0.491381
-8.79E-05 -0.610449 20.046643
0.68789 0.512210 11.695513 0.491381
-8.79E-05 -0.948894 12.645193

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 2.262428 48.876883 1.186422
-0.000442 0.967143 185.467344
0.17197 2.262428 48.876883 1.186422
-0.000442 0.149980 151.802795
0.34395 2.262428 48.876883 1.186422
-0.000442 -0.667182 118.138245
0.51592 2.262428 48.876883 1.186422
-0.000442 -1.484345 84.473696
0.68789 2.262428 48.876883 1.186422
-0.000442 -2.301508 50.809146

ELEM 75 ========== LENGTH = 4.005442

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.31208 -0.528162 -11.281419 0.260072
-0.000129 0.484060 12.769097
0.48406 -0.433210 -9.382156 0.260072
-0.000129 0.304907 19.886257
0.65604 -0.338257 -7.482893 0.260072
-0.000129 0.125754 25.695090
0.82802 -0.243304 -5.583629 0.260072
-0.000129 -0.053399 30.195596
1.00000 -0.148352 -3.684366 0.260072
-0.000129 -0.232552 33.387774

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.31208 -2.268571 -47.392855 0.632435
-0.000515 1.165963 54.885190
0.48406 -2.268571 -47.392855 0.632435
-0.000515 0.730303 87.532255
0.65604 -2.268571 -47.392855 0.632435
-0.000515 0.294644 120.179320
0.82802 -2.268571 -47.392855 0.632435
-0.000515 -0.141016 152.826384
1.00000 -2.268571 -47.392855 0.632435
-0.000515 -0.576675 185.473449
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 76 ========== LENGTH = 4.004486

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.081505 2.738226 0.228326
4.09E-07 0.179592 33.476275
0.17196 0.176447 4.636828 0.228326
4.09E-07 0.022362 30.936965
0.34393 0.271389 6.535430 0.228326
4.09E-07 -0.134868 27.090237
0.51589 0.366331 8.434032 0.228326
4.09E-07 -0.292099 21.936091
0.68785 0.461274 10.332634 0.228326
4.09E-07 -0.449329 15.474527

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 2.107486 44.489385 0.556124
-3.87E-05 0.426635 185.577571
0.17196 2.107486 44.489385 0.556124
-3.87E-05 0.043676 154.941229
0.34393 2.107486 44.489385 0.556124
-3.87E-05 -0.339283 124.304887
0.51589 2.107486 44.489385 0.556124
-3.87E-05 -0.722241 93.668544
0.68785 2.107486 44.489385 0.556124
-3.87E-05 -1.105200 63.032202

ELEM 77 ========== LENGTH = 4.004924

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.31212 -0.506146 -11.291782 -0.012811
2.52E-05 -0.038561 13.157220
0.48409 -0.411199 -9.392877 -0.012811
2.52E-05 -0.029738 20.280304
0.65606 -0.316252 -7.493972 -0.012811
2.52E-05 -0.020915 26.095552
0.82803 -0.221305 -5.595066 -0.012811
2.52E-05 -0.012092 30.602966
1.00000 -0.126358 -3.696161 -0.012811
2.52E-05 -0.003269 33.802545

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.31212 -2.163000 -47.488049 -0.019288
4.06E-05 -0.082268 57.498119
0.48409 -2.163000 -47.488049 -0.019288
4.06E-05 -0.068984 90.204613
0.65606 -2.163000 -47.488049 -0.019288
4.06E-05 -0.055700 122.911107
0.82803 -2.163000 -47.488049 -0.019288
4.06E-05 -0.042415 155.617601
1.00000 -2.163000 -47.488049 -0.019288
4.06E-05 -0.029131 188.324095

ELEM 78 ========== LENGTH = 4.004963

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.109348 2.836754 -0.043953
3.55E-05 -0.049347 33.873377
0.17197 0.204295 4.735685 -0.043953
3.55E-05 -0.019075 31.265654
0.34394 0.299243 6.634617 -0.043953
3.55E-05 0.011197 27.350059
0.51592 0.394190 8.533549 -0.043953
3.55E-05 0.041469 22.126593
0.68789 0.489137 10.432481 -0.043953
3.55E-05 0.071742 15.595256
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S701.OUT

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LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 2.232860 44.773104 -0.093997
0.000145 -0.120536 188.391477
0.17197 2.232860 44.773104 -0.093997
0.000145 -0.055797 157.554421
0.34394 2.232860 44.773104 -0.093997
0.000145 0.008943 126.717365
0.51592 2.232860 44.773104 -0.093997
0.000145 0.073683 95.880309
0.68789 2.232860 44.773104 -0.093997
0.000145 0.138423 65.043252

ELEM 79 ========== LENGTH = 4.005447

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.31208 -0.561491 -11.444376 -0.270143
0.000184 -0.528906 13.435754
0.48406 -0.466538 -9.545109 -0.270143
0.000184 -0.342814 20.665180
0.65604 -0.371585 -7.645842 -0.270143
0.000184 -0.156723 26.586273
0.82802 -0.276633 -5.746576 -0.270143
0.000184 0.029369 31.199035
1.00000 -0.181680 -3.847309 -0.270143
0.000184 0.215460 34.503465

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.31208 -2.374077 -47.227011 -0.635541
0.000577 -1.256625 60.853216
0.48406 -2.374077 -47.227011 -0.635541
0.000577 -0.818825 93.386095
0.65604 -2.374077 -47.227011 -0.635541
0.000577 -0.381025 125.918973
0.82802 -2.374077 -47.227011 -0.635541
0.000577 0.056776 158.451852
1.00000 -2.374077 -47.227011 -0.635541
0.000577 0.494576 190.984731

ELEM 80 ========== LENGTH = 4.004449

LOAD STEEL ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.098119 3.405931 -0.297288
4.98E-05 -0.262913 34.557006
0.17196 0.193061 5.304507 -0.297288
4.98E-05 -0.058197 31.557949
0.34392 0.288003 7.203084 -0.297288
4.98E-05 0.146520 27.251510
0.51589 0.382945 9.101660 -0.297288
4.98E-05 0.351236 21.637687
0.68785 0.477887 11.000236 -0.297288
4.98E-05 0.555953 14.716482

LOAD CONC ------------------

REL DIST P V2 V3
T M2 M3
0.00000 2.125177 46.745036 -0.700998
0.000301 -0.632731 191.004751
0.17196 2.125177 46.745036 -0.700998
0.000301 -0.150015 158.815551
0.34392 2.125177 46.745036 -0.700998
0.000301 0.332701 126.626351
0.51589 2.125177 46.745036 -0.700998
0.000301 0.815417 94.437150

0.68785 2.125177 46.745036 -0.700998
0.000301 1.298133 62.247950

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 81 ========== LENGTH = 4.004982

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.510131	-10.336995	-0.500380
0.000303	-0.967492	15.287008	
0.48408	-0.415183	-8.438050	-0.500380
0.000303	-0.622858	21.752622	
0.65606	-0.320236	-6.539105	-0.500380
0.000303	-0.278223	26.910346	
0.82803	-0.225288	-4.640160	-0.500380
0.000303	0.066412	30.760180	
1.00000	-0.130341	-2.741215	-0.500380
0.000303	0.411047	33.302124	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-2.229197	-43.268402	-1.193473
0.001038	-2.319874	69.102284	
0.48408	-2.229197	-43.268402	-1.193473
0.001038	-1.497875	98.903200	
0.65606	-2.229197	-43.268402	-1.193473
0.001038	-0.675875	128.704117	
0.82803	-2.229197	-43.268402	-1.193473
0.001038	0.146124	158.505033	
1.00000	-2.229197	-43.268402	-1.193473
0.001038	0.968124	188.305949	

ELEM 82 ========== LENGTH = 4.005013

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.078793	2.790622	-0.517093
8.47E-05	-0.444738	33.334075	
0.17197	0.17341	4.689589	-0.517093
8.47E-05	-0.088589	30.758064	
0.34395	0.268689	6.588556	-0.517093
8.47E-05	0.267560	26.874134	
0.51592	0.363637	8.487523	-0.517093
8.47E-05	0.623710	21.682284	
0.68789	0.458585	10.386490	-0.517093
8.47E-05	0.979859	15.182514	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.090442	46.427448	-1.234762
0.000507	-1.074587	188.283266	
0.17197	2.090442	46.427448	-1.234762
0.000507	-0.224141	156.306204	
0.34395	2.090442	46.427448	-1.234762
0.000507	0.626306	124.329143	
0.51592	2.090442	46.427448	-1.234762
0.000507	1.476753	92.352082	
0.68789	2.090442	46.427448	-1.234762
0.000507	2.327200	60.375021	

ELEM 83 ========== LENGTH = 4.005621

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.570735	-10.544549	-0.661733
0.000378	-1.276579	14.933581	
0.48405	-0.475780	-8.645162	-0.661733
0.000378	-0.820707	21.543526	
0.65603	-0.380826	-6.745776	-0.661733
0.000378	-0.364836	26.844975	
0.82802	-0.285871	-4.846389	-0.661733
0.000378	0.091035	30.837926	
1.00000	-0.190916	-2.947002	-0.661733
0.000378	0.546907	33.522379	

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LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-2.420673	-41.640530	-1.593509
0.001399	-3.087058	73.499130	
0.48405	-2.420673	-41.640530	-1.593509
0.001399	-1.989281	102.185507	
0.65603	-2.420673	-41.640530	-1.593509
0.001399	-0.891504	130.871884	
0.82802	-2.420673	-41.640530	-1.593509
0.001399	0.206272	159.558260	
1.00000	-2.420673	-41.640530	-1.593509
0.001399	1.304049	188.244637	

ELEM 84 ========== LENGTH = 4.004594

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.070292	2.886355	-0.665450
0.000113	-0.562446	33.518045	
0.17196	0.165235	4.785032	-0.665450
0.000113	-0.104185	30.876600	
0.34393	0.260179	6.683708	-0.665450
0.000113	0.354076	26.927635	
0.51589	0.355122	8.582385	-0.665450
0.000113	0.812337	21.671148	
0.68786	0.450066	10.481062	-0.665450
0.000113	1.270598	15.107141	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.009454	48.510156	-1.604491
0.000685	-1.367856	188.122925	
0.17196	2.009454	48.510156	-1.604491
0.000685	-0.262925	154.716478	
0.34393	2.009454	48.510156	-1.604491
0.000685	0.842005	121.310032	
0.51589	2.009454	48.510156	-1.604491
0.000685	1.946936	87.903586	
0.68786	2.009454	48.510156	-1.604491
0.000685	3.051867	54.497139	

ELEM 85 ========== LENGTH = 4.004248

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.601677	-12.102265	-0.685137
0.000309	-1.316576	12.155952	
0.48413	-0.506737	-10.203828	-0.685137
0.000309	-0.844817	19.835516	
0.65608	-0.411797	-8.305390	-0.685137
0.000309	-0.373057	26.207889	
0.82804	-0.316858	-6.406952	-0.685137
0.000309	0.098702	31.273069	
1.00000	-0.221918	-4.508515	-0.685137
0.000309	0.570461	35.031057	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-2.188050	-42.636029	-1.660322
0.001259	-3.204368	73.508425	
0.48413	-2.188050	-42.636029	-1.660322
0.001259	-2.061133	102.865977	
0.65608	-2.188050	-42.636029	-1.660322
0.001259	-0.917898	132.223529	
0.82804	-2.188050	-42.636029	-1.660322
0.001259	0.225336	161.581081	
1.00000	-2.188050	-42.636029	-1.660322
0.001259	1.368571	190.938632	

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ELEM 86 ========== LENGTH = 4.005272

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.201056	3.512989	-0.669131
0.000180	-0.559751	34.972652	
0.17198	0.296006	5.412134	-0.669131
0.000180	-0.098842	31.898760	
0.34396	0.390957	7.311280	-0.669131
0.000180	0.362068	27.516702	
0.51593	0.485908	9.210425	-0.669131
0.000180	0.822978	21.826479	
0.68791	0.580859	11.109571	-0.669131
0.000180	1.283887	14.828090	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.655187	53.207737	-1.624874
0.000930	-1.369709	190.702202	
0.17198	2.655187	53.207737	-1.624874
0.000930	-0.250467	154.051758	
0.34396	2.655187	53.207737	-1.624874
0.000930	0.868775	117.401315	
0.51593	2.655187	53.207737	-1.624874
0.000930	1.988017	80.750871	
0.68791	2.655187	53.207737	-1.624874
0.000930	3.107259	44.100427	

ELEM 87 ========== LENGTH = 4.004943

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.590057	-12.428521	-0.552813
0.000360	-1.055411	11.070118	
0.48409	-0.495110	-10.529603	-0.552813
0.000360	-0.674669	18.976159	
0.65606	-0.400163	-8.630684	-0.552813
0.000360	-0.293927	25.574347	
0.82803	-0.305216	-6.731766	-0.552813
0.000360	0.086815	30.864681	
1.00000	-0.210269	-4.832848	-0.552813
0.000360	0.467558	34.847163	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-1.564653	-39.146084	-1.341305
0.001421	-2.574293	80.393644	
0.48409	-1.564653	-39.146084	-1.341305
0.001421	-1.650488	107.354953	
0.65606	-1.564653	-39.146084	-1.341305
0.001421	-0.726683	134.316262	
0.82803	-1.564653	-39.146084	-1.341305
0.001421	0.197122	161.277571	
1.00000	-1.564653	-39.146084	-1.341305
0.001421	1.120927	188.238880	

ELEM 88 ========== LENGTH = 4.004943

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.272219	3.481718	-0.518256
1.71E-05	-0.430424	34.750448	
0.17197	0.367166	5.380636	-0.518256
1.71E-05	-0.073483	31.698538	
0.34394	0.462114	7.279555	-0.518256
1.71E-05	0.283459	27.338775	
0.51591	0.557061	9.178473	-0.518256
1.71E-05	0.640400	21.671158	
0.68789	0.652008	11.077391	-0.518256
1.71E-05	0.997342	14.695688	

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LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.406339	57.006861	-1.260687
0.000226	-1.056657	187.895661	
0.17197	3.406339	57.006861	-1.260687
0.000226	-0.188377	148.632995	
0.34394	3.406339	57.006861	-1.260687
0.000226	0.679903	109.370330	
0.51591	3.406339	57.006861	-1.260687
0.000226	1.548183	70.107664	
0.68789	3.406339	57.006861	-1.260687
0.000226	2.416463	30.844999	

ELEM 89 ========== LENGTH = 4.005680

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.710021	-15.527555	-0.330682
0.000263	-0.619266	32.341959	
0.48404	-0.592460	-13.175947	-0.330682
0.000263	-0.391453	42.229169	
0.65603	-0.474900	-10.824339	-0.330682
0.000263	-0.163639	50.496309	
0.82801	-0.357340	-8.472732	-0.330682
0.000263	0.064175	57.143380	
1.00000	-0.239779	-6.121124	-0.330682
0.000263	0.291988	62.170380	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.937211	-29.887925	-0.802482
0.000669	-1.513892	227.663337	
0.48404	-0.937211	-29.887925	-0.802482
0.000669	-0.961046	248.253730	
0.65603	-0.937211	-29.887925	-0.802482
0.000669	-0.408199	268.844123	
0.82801	-0.937211	-29.887925	-0.802482
0.000669	0.144647	289.434516	
1.00000	-0.937211	-29.887925	-0.802482
0.000669	0.697493	310.024909	

ELEM 90 ========== LENGTH = 4.004664

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.352852	4.172811	-0.275534
-1.47E-06	-0.225766	62.064060	
0.17197	0.470399	6.523548	-0.275534
-1.47E-06	-0.036015	58.380951	
0.34393	0.587946	8.874285	-0.275534
-1.47E-06	0.153735	53.078969	
0.51590	0.705492	11.225022	-0.275534
-1.47E-06	0.343486	46.158116	
0.68786	0.823039	13.575759	-0.275534
-1.47E-06	0.533237	37.618390	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.344337	71.901655	-0.660294
3.90E-05	-0.547156	309.652616	
0.17197	4.344337	71.901655	-0.660294
3.90E-05	-0.092434	260.136399	
0.34393	4.344337	71.901655	-0.660294
3.90E-05	0.362288	210.620182	
0.51590	4.344337	71.901655	-0.660294
3.90E-05	0.817009	161.103965	
0.68786	4.344337	71.901655	-0.660294
3.90E-05	1.271731	111.587749	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 91 ========== LENGTH = 4.005461

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.607073	-10.742597	-0.112317
-1.19E-05	-0.205224	13.867920	
0.48406	-0.512121	-8.843320	-0.112317
-1.19E-05	-0.127853	20.613950	
0.65604	-0.417168	-6.944043	-0.112317
-1.19E-05	-0.050481	26.051634	
0.82802	-0.322215	-5.044767	-0.112317
-1.19E-05	0.026890	30.180972	
1.00000	-0.227262	-3.145490	-0.112317
-1.19E-05	0.104262	33.001964	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-1.858780	-34.980395	-0.257069
-0.000478	-0.480727	87.632369	
0.48406	-1.858780	-34.980395	-0.257069
-0.000478	-0.303641	111.729151	
0.65604	-1.858780	-34.980395	-0.257069
-0.000478	-0.126555	135.825933	
0.82802	-1.858780	-34.980395	-0.257069
-0.000478	0.050531	159.922716	
1.00000	-1.858780	-34.980395	-0.257069
-0.000478	0.227617	184.019498	

ELEM 92 ========== LENGTH = 4.004448

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.124592	2.724440	-0.077414
8.25E-05	-0.065794	32.939561	
0.17196	0.219533	4.623016	-0.077414
8.25E-05	-0.012486	30.409788	
0.34392	0.314475	6.521591	-0.077414
8.25E-05	0.040822	26.572634	
0.51589	0.409417	8.420167	-0.077414
8.25E-05	0.094130	21.428097	
0.68785	0.504359	10.318742	-0.077414
8.25E-05	0.147438	14.976179	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.800879	55.244104	-0.166661
0.000121	-0.149545	183.756979	
0.17196	2.800879	55.244104	-0.166661
0.000121	-0.034780	145.715231	
0.34392	2.800879	55.244104	-0.166661
0.000121	0.079985	107.673483	
0.51589	2.800879	55.244104	-0.166661
0.000121	0.194749	69.631735	
0.68785	2.800879	55.244104	-0.166661
0.000121	0.309514	31.589987	

ELEM 93 ========== LENGTH = 4.004274

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.602699	-11.464379	0.026690
-4.20E-05	0.054194	13.523787	
0.48412	-0.507759	-9.565924	0.026690
-4.20E-05	0.035817	20.764189	
0.65608	-0.412819	-7.667469	0.026690
-4.20E-05	0.017439	26.697375	
0.82804	-0.317879	-5.769013	0.026690
-4.20E-05	-0.000938	31.323344	
1.00000	-0.222939	-3.870558	0.026690
-4.20E-05	-0.019316	34.642096	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-2.232470	-41.283660	0.102404
-0.000514	0.191658	76.984702	
0.48412	-2.232470	-41.283660	0.102404
-0.000514	0.121146	105.411330	
0.65608	-2.232470	-41.283660	0.102404
-0.000514	0.050634	133.837957	
0.82804	-2.232470	-41.283660	0.102404
-0.000514	-0.019879	162.264585	
1.00000	-2.232470	-41.283660	0.102404
-0.000514	-0.090391	190.691212	

ELEM 94 ========== LENGTH = 4.005273

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.185263	3.621249	0.045392
2.35E-05	0.035516	34.602314	
0.17198	0.280214	5.520395	0.045392
2.35E-05	0.004249	31.453849	
0.34396	0.375165	7.419541	0.045392
2.35E-05	-0.027017	26.997217	
0.51593	0.470116	9.318687	0.045392
2.35E-05	-0.058284	21.232420	
0.68791	0.565066	11.217833	0.045392
2.35E-05	-0.089551	14.159455	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.605274	53.726576	0.150213
-0.000281	0.109600	190.488709	
0.17198	2.605274	53.726576	0.150213
-0.000281	0.006130	153.480868	
0.34396	2.605274	53.726576	0.150213
-0.000281	-0.097339	116.473027	
0.51593	2.605274	53.726576	0.150213
-0.000281	-0.200808	79.465186	
0.68791	2.605274	53.726576	0.150213
-0.000281	-0.304278	42.457345	

ELEM 95 ========== LENGTH = 4.004134

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-0.602403	-11.353749	0.100795
-1.23E-05	0.193359	14.008765	
0.48413	-0.507465	-9.455390	0.100795
-1.23E-05	0.123958	21.172660	
0.65609	-0.412527	-7.557031	0.100795
-1.23E-05	0.054558	27.029471	
0.82804	-0.317588	-5.658673	0.100795
-1.23E-05	-0.014843	31.579199	
1.00000	-0.222650	-3.760314	0.100795
-1.23E-05	-0.084243	34.821843	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-2.457186	-44.035345	0.294993
-0.000424	0.553817	71.009875	
0.48413	-2.457186	-44.035345	0.294993
-0.000424	0.350704	101.329687	
0.65609	-2.457186	-44.035345	0.294993
-0.000424	0.147591	131.649499	
0.82804	-2.457186	-44.035345	0.294993
-0.000424	-0.055521	161.969311	
1.00000	-2.457186	-44.035345	0.294993
-0.000424	-0.258634	192.289122	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 96 ========== LENGTH = 4.005141

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.151124	3.513140	0.106225
-5.31E-05	0.082177	34.804746	
0.17198	0.246073	5.412195	0.106225
-5.31E-05	0.009011	31.730926	
0.34395	0.341023	7.311251	0.106225
-5.31E-05	-0.064156	27.349065	
0.51593	0.435972	9.210306	0.106225
-5.31E-05	-0.137322	21.659162	
0.68790	0.530921	11.109361	0.106225
-5.31E-05	-0.210488	14.661218	

LOAD CONC ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.262017	49.846325	0.306952
-0.000445	0.228143	192.148471	
0.17198	2.262017	49.846325	0.306952
-0.000445	0.016719	157.815055	
0.34395	2.262017	49.846325	0.306952
-0.000445	-0.194705	123.481639	
0.51593	2.262017	49.846325	0.306952
-0.000445	-0.406129	89.148223	
0.68790	2.262017	49.846325	0.306952
-0.000445	-0.617552	54.814807	

ELEM 97 ========== LENGTH = 4.005047

LOAD STEEL ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.544238	-10.897848	0.096616
-6.94E-05	0.181621	14.716842	
0.48408	-0.449290	-8.998858	0.096616

```
-6.94E-05    0.115076   21.568887
 0.65605    -0.354341   -7.099868    0.096616
-6.94E-05    0.048530   27.112980
 0.82803    -0.259393   -5.200878    0.096616
-6.94E-05   -0.018015   31.349121
 1.00000    -0.164445   -3.301888    0.096616
-6.94E-05   -0.084561   34.277311

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31211    -2.280754   -44.621904    0.276326
-0.000440    0.508048   68.990131
 0.48408    -2.280754   -44.621904    0.276326
-0.000440    0.317725   99.723990
 0.65605    -2.280754   -44.621904    0.276326
-0.000440    0.127402   130.457848
 0.82803    -2.280754   -44.621904    0.276326
-0.000440   -0.062921   161.191706
 1.00000    -2.280754   -44.621904    0.276326
-0.000440   -0.253244   191.925564

 ELEM        98 ================== LENGTH =
 4.005052

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.138017    3.016218    0.093174
8.97E-06     0.070117   34.282730
 0.17197     0.232965    4.915212    0.093174
8.97E-06     0.005942   31.551292
 0.34395     0.327914    6.814206    0.093174
8.97E-06    -0.058233   27.511898
 0.51592     0.422862    8.713199    0.093174
8.97E-06    -0.122408   22.164547
 0.68789     0.517810   10.612193    0.093174
8.97E-06    -0.186582   15.509240
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  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     2.251725   46.804137    0.264118
-0.000175    0.188757   191.838722
 0.17197     2.251725   46.804137    0.264118
-0.000175    0.006842   159.601765
 0.34395     2.251725   46.804137    0.264118
-0.000175   -0.175073   127.364808
 0.51592     2.251725   46.804137    0.264118
-0.000175   -0.356988   95.127851
 0.68789     2.251725   46.804137    0.264118
-0.000175   -0.538903   62.890895

 ELEM        99 ================== LENGTH =
 4.005001

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31211    -0.579917   -11.010155    0.033870
-1.34E-05    0.058731   14.556477
 0.48408    -0.484969   -9.111197    0.033870
-1.34E-05    0.035403   21.485771
 0.65605    -0.390021   -7.212238    0.033870
-1.34E-05    0.012076   27.107157
 0.82803    -0.295074   -5.313280    0.033870
-1.34E-05   -0.011252   31.420634
 1.00000    -0.200126   -3.414321    0.033870
-1.34E-05   -0.034580   34.426203

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31211    -2.436010   -45.914059    0.099796
-0.000121    0.162863   66.286292
 0.48408    -2.436010   -45.914059    0.099796
-0.000121    0.094129   97.909616
 0.65605    -2.436010   -45.914059    0.099796
-0.000121    0.025394   129.532941
 0.82803    -2.436010   -45.914059    0.099796
-0.000121   -0.043340   161.156265
 1.00000    -2.436010   -45.914059    0.099796
-0.000121   -0.112075   192.779589

 ELEM       100 ================== LENGTH =
 4.005003

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.095477    3.030411    0.026279
-7.76E-06    0.014288   34.439886
 0.17197     0.190425    4.929371    0.026279
-7.76E-06   -0.003812   31.698734
 0.34395     0.285373    6.828330    0.026279
-7.76E-06   -0.021912   27.649671
 0.51592     0.380320    8.727290    0.026279
-7.76E-06   -0.040012   22.292698
 0.68789     0.475268   10.626250    0.026279
-7.76E-06   -0.058112   15.627816

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     2.078042   45.854185    0.076500
-8.75E-05    0.031771   192.714377
 0.17197     2.078042   45.854185    0.076500
-8.75E-05   -0.020918   161.132272
 0.34395     2.078042   45.854185    0.076500
-8.75E-05   -0.073608   129.550168
 0.51592     2.078042   45.854185    0.076500
-8.75E-05   -0.126297   97.968063
 0.68789     2.078042   45.854185    0.076500
-8.75E-05   -0.178986   66.385959
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 ELEM       101 ================== LENGTH =
 4.005003

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31211    -0.553341   -11.012772   -0.050475
2.18E-05    -0.104062   14.544552
 0.48408    -0.458393    -9.113813   -0.050475
2.18E-05    -0.069298   21.475652
 0.65605    -0.363446    -7.214853   -0.050475
2.18E-05    -0.034533   27.098842
 0.82803    -0.268498    -5.315893   -0.050475
2.18E-05     0.000231   31.414122
 1.00000    -0.173550    -3.416934   -0.050475
2.18E-05     0.034995   34.421493

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31211    -2.308988   -45.924447   -0.135791
0.000147    -0.291611   66.245915
 0.48408    -2.308988   -45.924447   -0.135791
0.000147    -0.198085   97.876412
 0.65605    -2.308988   -45.924447   -0.135791
0.000147    -0.104559   129.506910
 0.82803    -2.308988   -45.924447   -0.135791
0.000147    -0.011033   161.137407
 1.00000    -2.308988   -45.924447   -0.135791
0.000147     0.082493   192.767905

 ELEM       102 ================== LENGTH =
 4.005001

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.121872    3.027510   -0.057436
6.92E-06    -0.054573   34.431620
 0.17197     0.216820    4.926468   -0.057436
6.92E-06    -0.015014   31.692467
 0.34395     0.311768    6.825427   -0.057436
6.92E-06     0.024545   27.645407
 0.51592     0.406716    8.724385   -0.057436
6.92E-06     0.064104   22.290437
 0.68789     0.501663   10.623344   -0.057436
6.92E-06     0.103663   15.627560

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     2.204217   45.844194   -0.157362
9.76E-05    -0.160854   192.692747
 0.17197     2.204217   45.844194   -0.157362
9.76E-05    -0.052472   161.117543
 0.34395     2.204217   45.844194   -0.157362
9.76E-05     0.055911   129.542339
 0.51592     2.204217   45.844194   -0.157362
9.76E-05     0.164294   97.967135
 0.68789     2.204217   45.844194   -0.157362
9.76E-05     0.272677   66.391931

 ELEM       103 ================== LENGTH =
 4.005047

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31211    -0.589803   -10.910850   -0.118547
7.73E-05    -0.234668   14.667011
 0.48408    -0.494855    -9.011860   -0.118547
7.73E-05    -0.153017   21.528010
 0.65605    -0.399906    -7.112870   -0.118547
7.73E-05    -0.071366   27.081059
 0.82803    -0.304958    -5.213880   -0.118547
7.73E-05     0.010284   31.326155
 1.00000    -0.210010    -3.314890   -0.118547
7.73E-05     0.091935   34.263300
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  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31211    -2.481667   -44.662588   -0.329243
0.000467    -0.662715   68.833677
 0.48408    -2.481667   -44.662588   -0.329243
0.000467    -0.435945   99.595557
 0.65605    -2.481667   -44.662588   -0.329243
0.000467    -0.209175   130.357437
 0.82803    -2.481667   -44.662588   -0.329243
0.000467     0.017595   161.119317
 1.00000    -2.481667   -44.662588   -0.329243
0.000467     0.244365   191.881197

 ELEM       104 ================== LENGTH =
 4.005042

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.092028    3.004284   -0.120441
-9.63E-06    -0.104624   34.259579
 0.17197     0.186976    4.903271   -0.120441
-9.63E-06    -0.021670   31.536373
 0.34395     0.281924    6.802257   -0.120441
-9.63E-06     0.061285   27.505220
 0.51592     0.376873    8.701244   -0.120441
-9.63E-06     0.144240   22.166121
 0.68789     0.471821   10.600231   -0.120441
-9.63E-06     0.227195   15.519074

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     2.048275   46.762539   -0.337337
0.000185    -0.304252   191.774559
 0.17197     2.048275   46.762539   -0.337337
0.000185    -0.071908   159.566370
 0.34395     2.048275   46.762539   -0.337337
0.000185     0.160437   127.358181
 0.51592     2.048275   46.762539   -0.337337
0.000185     0.392781   95.149992
 0.68789     2.048275   46.762539   -0.337337
0.000185     0.625126   62.941803

 ELEM       105 ================== LENGTH =
 4.004134

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31218    -0.582011   -11.368277   -0.133096
2.11E-05    -0.261315   13.941093
 0.48413    -0.487073    -9.469918   -0.133096
2.11E-05    -0.169674   21.114991
 0.65609    -0.392134    -7.571560   -0.133096
2.11E-05    -0.078033   26.981805
 0.82804    -0.297196    -5.673201   -0.133096
2.11E-05     0.013608   31.541536
 1.00000    -0.202257    -3.774842   -0.133096
2.11E-05     0.105249   34.794184

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31218    -2.353204   -44.076322   -0.380585
0.000455    -0.758088   70.825718
 0.48413    -2.353204   -44.076322   -0.380585
0.000455    -0.496042   101.173743
 0.65609    -2.353204   -44.076322   -0.380585
0.000455    -0.233997   131.521768
 0.82804    -2.353204   -44.076322   -0.380585
0.000455     0.028049   161.869794
 1.00000    -2.353204   -44.076322   -0.380585
0.000455     0.290094   192.217819
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 ELEM       106 ================== LENGTH =
 4.005141

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.171170    3.501198   -0.125626
5.06E-05    -0.105086   34.767381
 0.17198     0.266119    5.400253   -0.125626
5.06E-05    -0.018556   31.701787
 0.34395     0.361069    7.299308   -0.125626
5.06E-05     0.067973   27.328152
 0.51593     0.456018    9.198364   -0.125626
5.06E-05     0.154503   21.646475
 0.68790     0.550967   11.097419   -0.125626
5.06E-05     0.241032   14.656756

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     2.363292   49.811988   -0.364301
0.000447    -0.316024   192.049059
 0.17198     2.363292   49.811988   -0.364301
0.000447    -0.065100   157.739294
 0.34395     2.363292   49.811988   -0.364301
0.000447     0.185825   123.429529
 0.51593     2.363292   49.811988   -0.364301
0.000447     0.436750   89.119764
 0.68790     2.363292   49.811988   -0.364301
0.000447     0.687675   54.809999

 ELEM       107 ================== LENGTH =
 4.005261

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31209    -0.620613   -11.483223   -0.072925
5.32E-05    -0.141942   13.416748
 0.48407    -0.525662    -9.584085   -0.072925
5.32E-05    -0.091710   20.672489
 0.65604    -0.430711    -7.684947   -0.072925
5.32E-05    -0.041478   26.620076
 0.82802    -0.335761    -5.785809   -0.072925
5.32E-05     0.008754   31.259506
 1.00000    -0.240810    -3.886670   -0.072925
5.32E-05     0.058986   34.590782

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31209    -2.279041   -41.330805   -0.230731
0.000557    -0.460287   76.681773
 0.48407    -2.279041   -41.330805   -0.230731
0.000557    -0.301356   105.151062
 0.65604    -2.279041   -41.330805   -0.230731
0.000557    -0.142425   133.620351
 0.82802    -2.279041   -41.330805   -0.230731
0.000557     0.016506   162.089640
 1.00000    -2.279041   -41.330805   -0.230731
0.000557     0.175437   190.558929

 ELEM       108 ================== LENGTH =
 4.005273

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.167055    3.605788   -0.053386
-2.73E-05    -0.041841   34.544431
 0.17198     0.262005    5.504934   -0.053386
-2.73E-05    -0.005067   31.406615
 0.34396     0.356956    7.404080   -0.053386
-2.73E-05     0.031706   26.960634
 0.51593     0.451907    9.303226   -0.053386
-2.73E-05     0.068479   21.206486
 0.68791     0.546858   11.202372   -0.053386
-2.73E-05     0.105252   14.144172
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  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     2.555901   53.684322   -0.184224
0.000274    -0.157875   190.329738
 0.17198     2.555901   53.684322   -0.184224
0.000274    -0.030978   153.351002
 0.34396     2.555901   53.684322   -0.184224
0.000274     0.095919   116.372265
 0.51593     2.555901   53.684322   -0.184224
0.000274     0.222816   79.393529
 0.68791     2.555901   53.684322   -0.184224
0.000274     0.349713   42.414793

 ELEM       109 ================== LENGTH =
 4.005446

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31208    -0.561285   -10.765616    0.049981
2.44E-05     0.095034   13.708022
 0.48406    -0.466333    -8.866350    0.049981
2.44E-05     0.060604   20.469876
 0.65604    -0.371380    -6.967084    0.049981
2.44E-05     0.026174   25.923398
 0.82802    -0.276427    -5.067817    0.049981
2.44E-05    -0.008256   30.068588
 1.00000    -0.181475    -3.168551    0.049981
2.44E-05    -0.042687   32.905447

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31208    -1.519882   -35.044405    0.082264
0.000524     0.143694   87.218278
 0.48406    -1.519882   -35.044405    0.082264
0.000524     0.087026   111.359022
 0.65604    -1.519882   -35.044405    0.082264
0.000524     0.030357   135.499766
 0.82802    -1.519882   -35.044405    0.082264
0.000524    -0.026311   159.640510
 1.00000    -1.519882   -35.044405    0.082264
0.000524    -0.082979   183.781254

 ELEM       110 ================== LENGTH =
 4.004448

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.170314    2.699468    0.083888
-8.70E-05    0.080005   32.850604
 0.17196     0.265256    4.598043    0.083888
-8.70E-05    0.022239   30.338028
 0.34392     0.360198    6.496619    0.083888
-8.70E-05   -0.035527   26.518069
 0.51589     0.455139    8.395195    0.083888
-8.70E-05   -0.093294   21.390729
 0.68785     0.550081   10.293770    0.083888
-8.70E-05   -0.151060   14.956007

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     3.138415   55.176910    0.163343
-0.000129    0.150229   183.534494
 0.17196     3.138415   55.176910    0.163343
-0.000129    0.037749   145.539017
 0.34392     3.138415   55.176910    0.163343
-0.000129   -0.074731   107.543539
 0.51589     3.138415   55.176910    0.163343
-0.000129   -0.187210   69.548062
 0.68785     3.138415   55.176910    0.163343
-0.000129   -0.299690   31.552585
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 ELEM       111 ================== LENGTH =
 4.004664

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31214    -0.750506   -15.582497    0.249663
-0.000248    0.483454   31.936136
 0.48410    -0.632959   -13.231760    0.249663
-0.000248    0.311520   41.857834
 0.65607    -0.515413   -10.881023    0.249663
-0.000248    0.139586   50.160659
 0.82803    -0.397866    -8.530286    0.249663
-0.000248   -0.032348   56.844612
 1.00000    -0.280319    -6.179549    0.249663
-0.000248   -0.204283   61.909693

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31214    -1.054104   -30.011796    0.574273
-0.000610    1.102244   226.742187
 0.48410    -1.054104   -30.011796    0.574273
-0.000610    0.706762   247.410287
 0.65607    -1.054104   -30.011796    0.574273
-0.000610    0.311280   268.078387
 0.82803    -1.054104   -30.011796    0.574273
-0.000610   -0.084202   288.746487
 1.00000    -1.054104   -30.011796    0.574273
-0.000610   -0.479684   309.414588

 ELEM       112 ================== LENGTH =
 4.004664

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     0.313272    4.119876    0.300959
-1.49E-06    0.266130   61.834281
 0.17197     0.430819    6.470613    0.300959
-1.49E-06    0.058870   58.187627
 0.34393     0.548366    8.821349    0.300959
-1.49E-06   -0.148390   52.922101
 0.51590     0.665912   11.172086    0.300959
-1.49E-06   -0.355651   46.037702
 0.68786     0.783459   13.522823    0.300959
-1.49E-06   -0.562911   37.534432

  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.00000     4.229759   71.789509    0.705742
-4.64E-05    0.617590   309.122608
 0.17197     4.229759   71.789509    0.705742
-4.64E-05    0.131570   259.683623
 0.34393     4.229759   71.789509    0.705742
-4.64E-05   -0.354451   210.244637
 0.51590     4.229759   71.789509    0.705742
-4.64E-05   -0.840471   160.805651
 0.68786     4.229759   71.789509    0.705742
-4.64E-05   -1.326491   111.366665

 ELEM       113 ================== LENGTH =
 4.005920

  LOAD    STEEL --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31204    -0.649155   -12.413819    0.494800
-0.000350    0.952145   11.029898
 0.48403    -0.554198   -10.514225    0.494800
-0.000350    0.611238   18.928381
 0.65602    -0.459240    -8.614631    0.494800
-0.000350    0.270330   25.518081
 0.82801    -0.364282    -6.715037    0.494800
-0.000350   -0.070577   30.798999
 1.00000    -0.269324    -4.815443    0.494800
-0.000350   -0.411485   34.771134
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  LOAD     CONC --------------------

 REL DIST             P              V2             V3
        T            M2             M3
 0.31204    -1.926626   -39.102230    1.179041
```

-0.001381	2.256770	80.296002	
0.48403	-1.926626	-39.102230	1.179041
-0.001381	1.444434	107.236658	
0.65602	-1.926626	-39.102230	1.179041
-0.001381	0.632099	134.177313	
0.82801	-1.926626	-39.102230	1.179041
-0.001381	-0.180237	161.117969	
1.00000	-1.926626	-39.102230	1.179041
-0.001381	-0.992572	188.058624	

ELEM 114 ========== LENGTH = 4.004943

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.214008	3.492358	0.522706
-1.75E-05	0.441039	34.719662	
0.17197	0.308955	5.391276	0.522706
-1.75E-05	0.081033	31.660423	
0.34394	0.403902	7.290195	0.522706
-1.75E-05	-0.278974	27.293331	
0.51591	0.498849	9.189113	0.522706
-1.75E-05	-0.638980	21.618387	
0.68789	0.593797	11.088031	0.522706
-1.75E-05	-0.998986	14.635589	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.047396	57.036763	1.249560
-0.000224	1.045013	187.824488	
0.17197	3.047396	57.036763	1.249560
-0.000224	0.184397	148.541228	
0.34394	3.047396	57.036763	1.249560
-0.000224	-0.676220	109.257967	
0.51591	3.047396	57.036763	1.249560
-0.000224	-1.536837	69.974706	
0.68789	3.047396	57.036763	1.249560
-0.000224	-2.397453	30.691445	

ELEM 115 ========== LENGTH = 4.005247

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31209	-0.590998	-12.080525	0.650002
-0.000302	1.246110	12.168928	
0.48407	-0.496048	-10.181397	0.650002
-0.000302	0.798381	19.836063	
0.65605	-0.401097	-8.282268	0.650002
-0.000302	0.350653	26.195057	
0.82802	-0.306147	-6.383140	0.650002
-0.000302	-0.097076	31.245910	
1.00000	-0.211196	-4.484012	0.650002
-0.000302	-0.544805	34.988620	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31209	-2.220827	-42.567815	1.561398
-0.001229	2.981081	73.567019	
0.48407	-2.220827	-42.567815	1.561398
-0.001229	1.905572	102.888227	
0.65605	-2.220827	-42.567815	1.561398
-0.001229	0.830063	132.209435	
0.82802	-2.220827	-42.567815	1.561398
-0.001229	-0.245446	161.530644	
1.00000	-2.220827	-42.567815	1.561398
-0.001229	-1.320956	190.851852	

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FRAME ELEMENT INTERNAL FORCES

ELEM 116 ========== LENGTH = 4.004248

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.214234	3.539802	0.656275
-0.000179	0.544507	34.983398	
0.17196	0.309173	5.438239	0.656275
-0.000179	0.092621	31.892429	
0.34392	0.404113	7.336677	0.656275
-0.000179	-0.359265	27.494268	
0.51587	0.499053	9.235115	0.656275
-0.000179	-0.811151	21.788914	
0.68783	0.593992	11.133552	0.656275
-0.000179	-1.263037	14.776369	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.630356	53.281596	1.576019
-0.000922	1.295892	190.730700	
0.17196	2.630356	53.281596	1.576019
-0.000922	0.210705	154.043014	
0.34392	2.630356	53.281596	1.576019
-0.000922	-0.874482	117.355329	
0.51587	2.630356	53.281596	1.576019
-0.000922	-1.959669	80.667643	
0.68783	2.630356	53.281596	1.576019
-0.000922	-3.044856	43.979958	

ELEM 117 ========== LENGTH = 4.004594

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31214	-0.538166	-10.518561	0.649029
-0.000370	1.238113	14.972158	
0.48411	-0.443223	-8.619885	0.649029
-0.000370	0.791160	21.561989	
0.65607	-0.348279	-6.721208	0.649029
-0.000370	0.344208	26.844299	
0.82804	-0.253336	-4.822531	0.649029
-0.000370	-0.102745	30.819088	
1.00000	-0.158392	-2.923854	0.649029
-0.000370	-0.549698	33.486356	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31214	-2.333272	-41.581872	1.555950
-0.001368	2.955045	73.627320	
0.48411	-2.333272	-41.581872	1.555950
-0.001368	1.883542	102.262614	
0.65607	-2.333272	-41.581872	1.555950
-0.001368	0.812039	130.897907	
0.82804	-2.333272	-41.581872	1.555950
-0.001368	-0.259464	159.533201	
1.00000	-2.333272	-41.581872	1.555950
-0.001368	-1.330966	188.168494	

ELEM 118 ========== LENGTH = 4.004594

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.104310	2.906655	0.636606
-0.000114	0.524026	33.535519	
0.17196	0.199253	4.805332	0.636606
-0.000114	0.085629	30.880095	
0.34393	0.294197	6.704009	0.636606
-0.000114	-0.352769	26.917150	
0.51589	0.389140	8.602686	0.636606
-0.000114	-0.791166	21.646684	
0.68786	0.484084	10.501363	0.636606
-0.000114	-1.229564	15.068696	

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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.102512	48.558298	1.523156
-0.000684	1.241367	188.187958	
0.17196	2.102512	48.558298	1.523156
-0.000684	0.192448	154.748359	
0.34393	2.102512	48.558298	1.523156
-0.000684	-0.856471	121.308760	
0.51589	2.102512	48.558298	1.523156
-0.000684	-1.905391	87.869161	
0.68786	2.102512	48.558298	1.523156
-0.000684	-2.954310	54.429563	

ELEM 119 ========== LENGTH = 4.005013

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31211	-0.512404	-10.319415	0.502952
-0.000295	0.951674	15.289794	
0.48408	-0.417457	-8.420448	0.502952
-0.000295	0.605264	21.743366	
0.65605	-0.322509	-6.521481	0.502952
-0.000295	0.258854	26.889018	
0.82803	-0.227561	-4.622514	0.502952
-0.000295	-0.087556	30.726750	
1.00000	-0.132613	-2.723547	0.502952
-0.000295	-0.433965	33.256563	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31211	-2.223217	-43.225294	1.197761
-0.001012	2.252728	69.115524	
0.48408	-2.223217	-43.225294	1.197761
-0.001012	1.427766	98.887091	
0.65605	-2.223217	-43.225294	1.197761
-0.001012	0.602804	128.658658	
0.82803	-2.223217	-43.225294	1.197761
-0.001012	-0.222158	158.430224	
1.00000	-2.223217	-43.225294	1.197761
-0.001012	-1.047119	188.201791	

ELEM 120 ========== LENGTH = 4.004982

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.078548	2.807772	0.477864
-8.56E-05	0.390591	33.335422	
0.17197	0.173496	4.706717	0.477864
-8.56E-05	0.061465	30.747637	
0.34394	0.268443	6.605662	0.477864
-8.56E-05	-0.267662	26.851962	
0.51592	0.363391	8.504607	0.477864
-8.56E-05	-0.596788	21.648397	
0.68789	0.458339	10.403552	0.477864
-8.56E-05	-0.925914	15.136942	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.102349	46.465052	1.134110
-0.000499	0.914366	188.284333	
0.17197	2.102349	46.465052	1.134110
-0.000499	0.133252	156.281739	
0.34394	2.102349	46.465052	1.134110
-0.000499	-0.647861	124.279145	
0.51592	2.102349	46.465052	1.134110
-0.000499	-1.428974	92.276550	
0.68789	2.102349	46.465052	1.134110
-0.000499	-2.210087	60.273956	

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FRAME ELEMENT INTERNAL FORCES

ELEM 121 ========== LENGTH = 4.004449

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31215	-0.564522	-11.412361	0.283700
-0.000177	0.529232	13.503770	
0.48411	-0.469580	-9.513785	0.283700
-0.000177	0.333873	20.708769	
0.65608	-0.374639	-7.615209	0.283700
-0.000177	0.138514	26.606386	
0.82804	-0.279697	-5.716633	0.283700
-0.000177	-0.056846	31.196620	
1.00000	-0.184755	-3.818056	0.283700
-0.000177	-0.252205	34.479471	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31215	-2.388821	-47.155941	0.668627
-0.000553	1.233818	61.037851	
0.48411	-2.388821	-47.155941	0.668627
-0.000553	0.773393	93.510006	
0.65608	-2.388821	-47.155941	0.668627
-0.000553	0.312968	125.982160	
0.82804	-2.388821	-47.155941	0.668627
-0.000553	-0.147457	158.454315	
1.00000	-2.388821	-47.155941	0.668627
-0.000553	-0.607882	190.926469	

ELEM 122 ========== LENGTH = 4.004447

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.096122	3.436851	0.250927
-4.95E-05	0.198046	34.552812	
0.17198	0.191074	5.336118	0.250927
-4.95E-05	0.025193	31.531131	
0.34396	0.286027	7.235384	0.250927
-4.95E-05	-0.147661	27.201118	
0.51594	0.380980	9.134651	0.250927
-4.95E-05	-0.320515	21.562773	
0.68792	0.475932	11.033918	0.250927
-4.95E-05	-0.493369	14.616096	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.113751	46.823581	0.587250
-0.000290	0.450324	190.999717	
0.17198	2.113751	46.823581	0.587250
-0.000290	0.045790	158.744746	
0.34396	2.113751	46.823581	0.587250
-0.000290	-0.358744	126.489774	
0.51594	2.113751	46.823581	0.587250
-0.000290	-0.763279	94.234803	
0.68792	2.113751	46.823581	0.587250
-0.000290	-1.167813	61.979832	

ELEM 123 ========== LENGTH = 4.004924

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31212	-0.508168	-11.288089	0.029384
-1.87E-05	0.043603	13.151478	
0.48409	-0.413221	-9.389183	0.029384
-1.87E-05	0.023365	20.272017	
0.65606	-0.318274	-7.490278	0.029384
-1.87E-05	0.003128	26.084722	
0.82803	-0.223327	-5.591373	0.029384
-1.87E-05	-0.017110	30.589592	
1.00000	-0.128380	-3.692468	0.029384
-1.87E-05	-0.037348	33.786627	

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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31212	-2.190919	-47.478230	0.060270
-1.64E-05	0.072754	57.488824	
0.48409	-2.190919	-47.478230	0.060270
-1.64E-05	0.031244	90.188556	
0.65606	-2.190919	-47.478230	0.060270
-1.64E-05	-0.010266	122.888287	
0.82803	-2.190919	-47.478230	0.060270
-1.64E-05	-0.051776	155.588018	
1.00000	-2.190919	-47.478230	0.060270
-1.64E-05	-0.093285	188.287749	

ELEM 124 ========== LENGTH = 4.004924

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.107634	2.837251	-0.004207
-3.73E-05	-0.018557	33.863807	
0.17197	0.202581	4.736156	-0.004207
-3.73E-05	-0.015660	31.255787	
0.34394	0.297528	6.635061	-0.004207
-3.73E-05	-0.012762	27.339931	
0.51591	0.392475	8.533967	-0.004207
-3.73E-05	-0.009864	22.116241	
0.68788	0.487422	10.432872	-0.004207
-3.73E-05	-0.006966	15.584715	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.205792	44.779900	-0.022832
-0.000140	-0.067781	188.362677	
0.17197	2.205792	44.779900	-0.022832
-0.000140	-0.052057	157.521369	
0.34394	2.205792	44.779900	-0.022832
-0.000140	-0.036332	126.680062	
0.51591	2.205792	44.779900	-0.022832
-0.000140	-0.020607	95.838754	
0.68788	2.205792	44.779900	-0.022832
-0.000140	-0.004882	64.997447	

ELEM 125 ========== LENGTH = 4.005483

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31207	-0.543041	-11.311982	-0.245089
0.000136	-0.481462	12.688230	
0.48405	-0.448088	-9.411690	-0.245089
0.000136	-0.312627	19.826541	
0.65604	-0.353135	-7.513398	-0.245089
0.000136	-0.143792	25.656486	
0.82802	-0.258182	-5.614106	-0.245089
0.000136	0.025043	30.178063	
1.00000	-0.163229	-3.714814	-0.245089
0.000136	0.193878	33.391274	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31207	-2.348695	-47.463715	-0.596268
0.000538	-1.182776	54.679480	
0.48405	-2.348695	-47.463715	-0.596268
0.000538	-0.772025	87.375850	
0.65604	-2.348695	-47.463715	-0.596268
0.000538	-0.361273	120.072221	
0.82802	-2.348695	-47.463715	-0.596268
0.000538	0.049478	152.768591	
1.00000	-2.348695	-47.463715	-0.596268
0.000538	0.460230	185.464962	

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FRAME ELEMENT INTERNAL FORCES

ELEM 126 ========== LENGTH = 4.004444

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.066291	2.710880	-0.276552
-9.10E-07	-0.247046	33.457975	
0.17196	0.161233	4.609454	-0.276552
-9.10E-07	-0.056608	30.937543	
0.34392	0.256175	6.508027	-0.276552
-9.10E-07	0.133829	27.109734	
0.51589	0.351117	8.406600	-0.276552
-9.10E-07	0.324266	21.974546	
0.68785	0.446058	10.305173	-0.276552
-9.10E-07	0.514703	15.531980	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.025220	44.416823	-0.674865
4.89E-05	-0.614879	185.515715	
0.17196	2.025220	44.416823	-0.674865
4.89E-05	-0.150159	154.929802	
0.34392	2.025220	44.416823	-0.674865
4.89E-05	0.314561	124.343888	
0.51589	2.025220	44.416823	-0.674865
4.89E-05	0.779280	93.757975	
0.68785	2.025220	44.416823	-0.674865
4.89E-05	1.244000	63.172062	

ELEM 127 ========== LENGTH = 4.004051

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31218	-0.578740	-11.995823	-0.513332
0.000245	-0.989958	11.773599	
0.48414	-0.483803	-10.097522	-0.513332
0.000245	-0.636523	19.379373	
0.65609	-0.388865	-8.199220	-0.513332
0.000245	-0.283088	25.678144	
0.82805	-0.293928	-6.300919	-0.513332
0.000245	0.070348	30.669909	
1.00000	-0.198990	-4.402618	-0.513332
0.000245	0.423783	34.354670	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31218	-2.400378	-48.608590	-1.243003
0.000909	-2.483659	51.572162	
0.48414	-2.400378	-48.608590	-1.243003
0.000909	-1.552536	85.039797	
0.65609	-2.400378	-48.608590	-1.243003
0.000909	-0.696712	118.507432	
0.82805	-2.400378	-48.608590	-1.243003
0.000909	0.159111	151.975067	
1.00000	-2.400378	-48.608590	-1.243003
0.000909	1.014935	185.442702	

ELEM 128 ========== LENGTH = 4.005049

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.133902	4.068221	-0.537658
8.75E-05	-0.467992	34.395666	
0.17197	0.228850	5.967213	-0.537658
8.75E-05	-0.097673	30.939652	
0.34395	0.323798	7.866204	-0.537658
8.75E-05	0.272645	26.175685	
0.51592	0.418747	9.765195	-0.537658
8.75E-05	0.642964	20.103764	
0.68789	0.513695	11.664187	-0.537658
8.75E-05	1.013282	12.723890	

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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.249087	48.794188	-1.305844
0.000449	-1.148970	185.438914	
0.17197	2.249087	48.794188	-1.305844
0.000449	-0.249553	151.831322	
0.34395	2.249087	48.794188	-1.305844
0.000449	0.649863	118.223730	
0.51592	2.249087	48.794188	-1.305844
0.000449	1.549279	84.616138	
0.68789	2.249087	48.794188	-1.305844
0.000449	2.448695	51.008546	

ELEM 129 ========== LENGTH = 4.004705

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31213	-0.489448	-8.734577	-0.780887
0.000696	-1.500745	15.834797	
0.48410	-0.394503	-6.835823	-0.780887
0.000696	-0.962967	21.196279	
0.65607	-0.299559	-4.937070	-0.780887
0.000696	-0.425189	25.250135	
0.82803	-0.204614	-3.038316	-0.780887
0.000696	0.112590	27.996364	
1.00000	-0.109669	-1.139563	-0.780887
0.000696	0.650368	29.434967	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31213	-2.137768	-38.112774	-1.899331
0.002578	-3.661318	62.207731	
0.48410	-2.137768	-38.112774	-1.899331
0.002578	-2.353294	88.455092	
0.65607	-2.137768	-38.112774	-1.899331
0.002578	-1.045269	114.702453	
0.82803	-2.137768	-38.112774	-1.899331
0.002578	0.262755	140.949814	
1.00000	-2.137768	-38.112774	-1.899331
0.002578	1.570779	167.197174	

ELEM 130 ========== LENGTH = 4.005654

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.039213	1.841314	-0.791389
-0.000138	-0.675671	29.477934	
0.17199	0.055742	3.740724	-0.791389
-0.000138	-0.130473	27.555163	
0.34397	0.150697	5.640134	-0.791389

-0.000138 0.414726 24.323863
0.51596 0.245652 7.539544 -0.791389
-0.000138 0.959925 19.784034
0.68794 0.340607 9.438954 -0.791389
-0.000138 1.505124 13.935676

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.752583	43.566543	-1.931064
-0.000303	-1.660306	167.207123	
0.17199	1.752583	43.566543	-1.931064
-0.000303	-0.329970	137.193542	
0.34397	1.752583	43.566543	-1.931064
-0.000303	1.000366	107.179961	
0.51596	1.752583	43.566543	-1.931064
-0.000303	2.330702	77.166380	
0.68794	1.752583	43.566543	-1.931064
-0.000303	3.661038	47.152799	

FRAME ELEMENT INTERNAL FORCES

ELEM 131 ========== LENGTH = 4.005304

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31209	-0.328450	-9.755427	-1.034515
-0.000185	-1.956108	15.389774	
0.48406	-0.233499	-7.856259	-1.034515
-0.000185	-1.243508	21.455468	
0.65604	-0.138548	-5.957091	-1.034515
-0.000185	-0.530907	26.212966	
0.82802	-0.043596	-4.057924	-1.034515
-0.000185	0.181694	29.662267	
1.00000	0.051355	-2.158756	-1.034515
-0.000185	0.894294	31.803373	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31209	-1.436311	-41.606670	-2.535761
-0.000481	-4.804088	56.689838	
0.48406	-1.436311	-41.606670	-2.535761
-0.000481	-3.057390	85.349595	
0.65604	-1.436311	-41.606670	-2.535761
-0.000481	-1.310692	114.009352	
0.82802	-1.436311	-41.606670	-2.535761
-0.000481	0.436007	142.669109	
1.00000	-1.436311	-41.606670	-2.535761
-0.000481	2.182705	171.328866	

ELEM 132 ========== LENGTH = 4.004358

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.276474	5.752936	-1.033935
0.000965	-0.902588	31.781474	
0.17196	0.371415	7.651450	-1.033935
0.000965	-0.190631	27.166414	
0.34392	0.466356	9.549963	-1.033935
0.000965	0.521326	21.244058	
0.51588	0.561296	11.448477	-1.033935
0.000965	1.233283	14.014404	
0.68784	0.656237	13.346991	-1.033935
0.000965	1.945240	5.477454	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.220224	60.313415	-2.546230
0.003698	-2.235348	171.158313	
0.17196	3.220224	60.313415	-2.546230
0.003698	-0.482040	129.627125	
0.34392	3.220224	60.313415	-2.546230
0.003698	1.271267	88.095937	
0.51588	3.220224	60.313415	-2.546230
0.003698	3.024575	46.564749	
0.68784	3.220224	60.313415	-2.546230
0.003698	4.777882	5.033562	

ELEM 133 ========== LENGTH = 4.004942

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.31211	-0.029679	-0.696971	-0.901235
0.002044	-1.917215	61.106767	
0.48409	0.087871	1.654004	-0.901235
0.002044	-1.296502	60.777196	
0.65606	0.205421	4.004979	-0.901235
0.002044	-0.675789	58.828424	
0.82803	0.322972	6.355954	-0.901235
0.002044	-0.055076	55.260453	
1.00000	0.440522	8.706930	-0.901235
0.002044	0.565637	50.073281	

FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.31211	1.220564	29.077164	-2.240735
0.016107	-4.755108	279.515043	
0.48409	1.220564	29.077164	-2.240735
0.016107	-3.211834	259.488568	
0.65606	1.220564	29.077164	-2.240735
0.016107	-1.668560	239.462093	
0.82803	1.220564	29.077164	-2.240735
0.016107	-0.125286	219.435619	
1.00000	1.220564	29.077164	-2.240735
0.016107	1.417988	199.409144	

ELEM 134 ========== LENGTH = 4.004997

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.131658	13.051644	-0.877524
-0.000971	-0.542190	50.044999	
0.17197	1.249209	15.402666	-0.877524
-0.000971	0.062204	40.246058	
0.34394	1.366760	17.753688	-0.877524
-0.000971	0.666598	28.827853	
0.51592	1.484312	20.104710	-0.877524
-0.000971	1.270992	15.790384	
0.68789	1.601863	22.455732	-0.877524
-0.000971	1.875386	1.133650	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	4.311817	67.306931	-2.170275
-0.011658	-1.356759	199.338596	
0.17197	4.311817	67.306931	-2.170275
-0.011658	0.138016	152.981007	
0.34394	4.311817	67.306931	-2.170275
-0.011658	1.632791	106.623417	
0.51592	4.311817	67.306931	-2.170275
-0.011658	3.127566	60.265827	
0.68789	4.311817	67.306931	-2.170275
-0.011658	4.622341	13.908237	

ELEM 135 ========== LENGTH = 4.482826

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.134438	-4.378853	-0.459470
0.000159	-1.074808	-0.069160	
0.25000	0.099475	-3.028186	-0.459470
0.000159	-0.559877	4.081398	
0.50000	0.064513	-1.677519	-0.459470
0.000159	-0.044946	6.718255	
0.75000	0.029551	-0.326852	-0.459470
0.000159	0.469985	7.841411	
1.00000	-0.005412	1.023815	-0.459470
0.000159	0.984916	7.450866	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.072325	-38.351691	-1.134588
0.000662	-2.669512	-0.210812	
0.25000	0.527278	-17.295399	-1.134588
0.000662	-1.397972	30.971212	
0.50000	-0.017768	3.760893	-1.134588
0.000662	-0.126433	38.555316	
0.75000	-0.562815	24.817186	-1.134588
0.000662	1.145107	22.541498	
1.00000	-1.107861	45.873478	-1.134588
0.000662	2.416647	-17.070241	

FRAME ELEMENT INTERNAL FORCES

ELEM 136 ========== LENGTH = 4.980875

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.193973	-6.877506	-0.293986
0.000132	-0.759459	7.364427	
0.25000	0.148356	-5.102997	-0.293986
0.000132	-0.393382	14.823600	
0.50000	0.102739	-3.328488	-0.293986
0.000132	-0.027306	20.073122	
0.75000	0.057122	-1.553979	-0.293986
0.000132	0.338771	23.112991	
1.00000	0.011505	0.220531	-0.293986
0.000132	0.704847	23.943208	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.510859	-56.087419	-0.712489
0.000557	-1.840624	-17.281053	
0.25000	0.909426	-32.691523	-0.712489
0.000557	-0.953419	37.993546	
0.50000	0.307993	-9.295627	-0.712489
0.000557	-0.066215	64.135139	
0.75000	-0.293441	14.100269	-0.712489
0.000557	0.820990	61.143724	
1.00000	-0.894874	37.496165	-0.712489
0.000557	1.708194	29.019302	

ELEM 137 ========== LENGTH = 4.980126

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.069622	-2.759164	-0.217438
7.51E-05	-0.581023	23.885107	
0.25000	0.023649	-0.984940	-0.217438
7.51E-05	-0.310306	26.215870	
0.50000	-0.022324	0.789284	-0.217438
7.51E-05	-0.039589	26.337669	
0.75000	-0.068297	2.563508	-0.217438
7.51E-05	0.231129	24.250503	
1.00000	-0.114270	4.337732	-0.217438
7.51E-05	0.501846	19.954372	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.167310	-44.248690	-0.526299
0.000325	-1.407843	28.900424	
0.25000	0.561181	-20.856557	-0.526299
0.000325	-0.752584	69.429469	
0.50000	-0.044948	2.535576	-0.526299
0.000325	-0.097325	80.834569	
0.75000	-0.651077	25.927710	-0.526299
0.000325	0.557934	63.115723	
1.00000	-1.257206	49.319843	-0.526299
0.000325	1.213193	16.272933	

ELEM 138 ========== LENGTH = 4.981332

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.075344	-4.139802	-0.127714
3.71E-05	-0.356476	19.911306	
0.25000	0.029727	-1.365130	-0.127714
3.71E-05	-0.197430	23.961709	
0.50000	-0.015890	-0.590458	-0.127714
3.71E-05	-0.038383	25.802055	
0.75000	-0.061507	1.184214	-0.127714
3.71E-05	0.120663	25.432342	
1.00000	-0.107124	2.958887	-0.127714
3.71E-05	0.279710	22.852572	

FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.187007	-48.167613	-0.308986
0.000170	-0.861673	16.168759	
0.25000	0.585574	-24.769568	-0.308986
0.000170	-0.476882	61.584295	
0.50000	-0.015859	-1.371523	-0.308986
0.000170	-0.092091	77.861476	
0.75000	-0.617293	22.026521	-0.308986
0.000170	0.292699	65.000301	
1.00000	-1.218726	45.424566	-0.308986
0.000170	0.677490	23.000772	

ELEM 139 ========== LENGTH = 4.980649

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.027255	-3.465852	-0.036652
-2.98E-06	-0.132049	22.840550	
0.25000	-0.018718	-1.691442	-0.036652
-2.98E-06	-0.086411	26.051384	
0.50000	-0.064691	0.082969	-0.036652
-2.98E-06	-0.040773	27.052789	
0.75000	-0.110664	1.857379	-0.036652
-2.98E-06	0.004865	25.844766	
1.00000	-0.156637	3.631789	-0.036652
-2.98E-06	0.050503	22.427313	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.078858	-46.532916	-0.091327
1.27E-05	-0.324873	22.998447	
0.25000	0.472729	-23.138323	-0.091327
1.27E-05	-0.211156	66.374447	
0.50000	-0.133400	0.256269	-0.091327
1.27E-05	-0.097439	80.620383	
0.75000	-0.739528	23.650862	-0.091327
1.27E-05	0.016278	65.736254	
1.00000	-1.345657	47.045454	-0.091327
1.27E-05	0.129995	21.722059	

ELEM 140 ========== LENGTH = 4.980010

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.019071	-2.903356	0.053920
-3.64E-05	0.096540	22.438052	
0.25000	-0.064688	-1.129156	0.053920
-3.64E-05	0.029409	24.948295	
0.50000	-0.110304	0.645045	0.053920
-3.64E-05	-0.037722	25.249655	
0.75000	-0.155921	2.419246	0.053920
-3.64E-05	-0.104853	23.342130	
1.00000	-0.201538	4.193446	0.053920
-3.64E-05	-0.171984	19.225721	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.962970	-45.291248	0.125121
-0.000125	0.221324	21.773561	
0.25000	0.361537	-21.899420	0.125121
-0.000125	0.065549	63.599835	
0.50000	-0.239896	1.492407	0.125121
-0.000125	-0.090226	76.303226	
0.75000	-0.841330	24.884235	0.125121
-0.000125	-0.246002	59.883734	
1.00000	-1.442763	48.276062	0.125121
-0.000125	-0.401777	14.341359	

FRAME ELEMENT INTERNAL FORCES

ELEM 141 ========== LENGTH = 4.981438

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.041849	-3.063033	0.136312
-6.49E-05	0.305946	19.250038	
0.25000	-0.087822	-1.288341	0.136312
-6.49E-05	0.136188	21.959550	
0.50000	-0.133795	0.486351	0.136312
-6.49E-05	-0.033569	22.458933	
0.75000	-0.179768	2.261043	0.136312
-6.49E-05	-0.203327	20.748186	
1.00000	-0.225742	4.035735	0.136312
-6.49E-05	-0.373085	16.827310	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.917999	-45.773864	0.323468
-0.000251	0.724488	14.399586	
0.25000	0.311870	-22.375561	0.323468
-0.000251	0.321654	56.834854	
0.50000	-0.294259	1.022742	0.323468
-0.000251	-0.081180	70.130822	
0.75000	-0.900388	24.421045	0.323468
-0.000251	-0.484015	54.287490	
1.00000	-1.506517	47.819348	0.323468
-0.000251	-0.886849	9.304858	

ELEM 142 ========== LENGTH = 4.979906

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.099936	-1.498216	0.203145
-8.33E-05	0.481906	16.878581	
0.25000	-0.145553	0.275948	0.203145
-8.33E-05	0.228996	17.639429	
0.50000	-0.191170	2.050111	0.203145
-8.33E-05	-0.023914	16.191485	
0.75000	-0.236787	3.824275	0.203145
-8.33E-05	-0.276824	12.534749	
1.00000	-0.282404	5.598438	0.203145
-8.33E-05	-0.529735	6.669221	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.768261	-41.951441	0.487189
-0.000359	1.153968	9.454437	
0.25000	0.166828	-18.560104	0.487189
-0.000359	0.547429	47.122160	
0.50000	-0.434605	4.831234	0.487189
-0.000359	-0.059109	55.668220	
0.75000	-1.036038	28.222571	0.487189
-0.000359	-0.665648	35.092616	
1.00000	-1.637472	51.613908	0.487189
-0.000359	-1.272187	-14.604650	

ELEM 143 ========== LENGTH = 4.981420

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.136766	-0.238897	0.233209
-8.42E-05	0.578590	6.716742	
0.25000	-0.182739	1.535789	0.233209
-8.42E-05	0.288162	5.909197	
0.50000	-0.228712	3.310474	0.233209
-8.42E-05	-0.002265	2.891538	
0.75000	-0.274685	5.085160	0.233209
-8.42E-05	-0.292692	-2.336235	
1.00000	-0.320659	6.859845	0.233209
-8.42E-05	-0.583120	-9.774121	

FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.677151	-38.615905	0.563659
-0.000410	1.397239	-14.516217	
0.25000	0.071022	-15.217685	0.563659
-0.000410	0.695284	19.004751	
0.50000	-0.535107	8.180534	0.563659
-0.000410	-0.006672	23.386628	
0.75000	-1.141236	31.578753	0.563659
-0.000410	-0.708627	-1.370588	
1.00000	-1.747365	54.976973	0.563659
-0.000410	-1.410583	-55.266895	

ELEM 144 ========== LENGTH = 4.980020

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.097531	-1.169662	0.210798
-7.19E-05	0.546052	-9.709026	
0.25000	-0.143148	0.604542	0.210798
-7.19E-05	0.283607	-9.357237	
0.50000	-0.188765	2.378747	0.210798
-7.19E-05	0.021163	-11.214342	
0.75000	-0.234382	4.152951	0.210798
-7.19E-05	-0.241281	-15.280340	
1.00000	-0.279999	5.927155	0.210798
-7.19E-05	-0.503726	-21.555232	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.763685	-40.956161	0.511574
-0.000381	1.325174	-55.083348	
0.25000	0.162252	-17.564285	0.511574
-0.000381	0.688262	-18.654222	
0.50000	-0.439182	5.827592	0.511574
-0.000381	0.051350	-11.348101	
0.75000	-1.040615	29.219469	0.511574
-0.000381	-0.585562	-33.164985	
1.00000	-1.642048	52.611346	0.511574
-0.000381	-1.222474	-84.104875	

ELEM 145 ========== LENGTH = 4.980675

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.031529	-2.397513	0.143748
-4.69E-05	0.393416	-21.510037	
0.25000	-0.077502	-0.623094	0.143748
-4.69E-05	0.214426	-19.629454	
0.50000	-0.123475	1.151326	0.143748
-4.69E-05	0.035436	-19.958323	
0.75000	-0.169448	2.925745	0.143748
-4.69E-05	-0.143554	-22.496644	
1.00000	-0.215421	4.700165	0.143748
-4.69E-05	-0.322544	-27.244417	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.920374	-43.635848	0.347641
-0.000198	0.953053	-83.994911	
0.25000	0.314245	-20.241134	0.347641
-0.000198	0.520182	-44.226099	
0.50000	-0.291884	3.153580	0.347641
-0.000198	0.087310	-33.587655	
0.75000	-0.898013	26.548295	0.347641
-0.000198	-0.345561	-52.079579	
1.00000	-1.504142	49.943009	0.347641
-0.000198	-0.778432	-99.701871	

FRAME ELEMENT INTERNAL FORCES

ELEM 146 ========== LENGTH = 4.980337

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.105258	-5.605667	0.065723
-1.92E-05	0.194723	-27.233534	
0.25000	0.059641	-3.831350	0.065723
-1.92E-05	0.112892	-21.358594	
0.50000	0.014024	-2.057032	0.065723
-1.92E-05	0.031061	-17.692828	
0.75000	-0.031593	-0.282715	0.065723
-1.92E-05	-0.050770	-16.236237	
1.00000	-0.077210	1.491603	0.065723
-1.92E-05	-0.132601	-16.988821	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.266540	-51.945732	0.155558
1.38E-05	0.465042	-99.715096	
0.25000	0.665107	-28.552366	0.155558

1.38E-05 0.271359 -49.601639
0.50000 0.063674 -5.158999 0.155558
1.38E-05 0.077676 -28.614894
0.75000 -0.537760 18.234367 0.155558
1.38E-05 -0.116007 -36.754861
1.00000 -1.139193 41.627734 0.155558
1.38E-05 -0.309690 -74.021541

ELEM 147 ========== LENGTH = 4.981108

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.109567	-4.385716	0.007395
4.09E-07	0.037304	-16.988546	
0.25000	0.063594	-2.611142	0.007395
4.09E-07	0.028096	-12.632033	
0.50000	0.017621	-0.836568	0.007395
4.09E-07	0.018887	-10.485356	
0.75000	-0.028352	0.938006	0.007395
4.09E-07	0.009679	-10.548516	
1.00000	-0.074325	2.712580	0.007395
4.09E-07	0.000470	-12.821512	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.282477	-48.684475	0.007471
0.000170	0.067152	-74.048608	
0.25000	0.676348	-25.287725	0.007471
0.000170	0.057849	-27.990668	
0.50000	0.070219	-1.890974	0.007471
0.000170	0.048546	-11.068163	
0.75000	-0.535910	21.505777	0.007471
0.000170	0.039243	-23.281095	
1.00000	-1.142039	44.902527	0.007471
0.000170	0.029940	-64.629462	

ELEM 148 ========== LENGTH = 4.980896

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.137755	-4.787289	-0.026134
1.15E-05	-0.054309	-12.824419	
0.25000	0.092138	-3.012773	-0.026134
1.15E-05	-0.021766	-7.968007	
0.50000	0.046522	-1.238256	-0.026134
1.15E-05	0.010777	-5.321265	
0.75000	0.000905	0.536261	-0.026134
1.15E-05	0.043320	-4.884195	
1.00000	-0.044712	2.310778	-0.026134
1.15E-05	0.075863	-6.656795	

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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.359600	-50.197878	-0.079314
0.000203	-0.169856	-64.640257	
0.25000	0.758167	-26.801882	-0.079314
0.000203	-0.071092	-16.699282	
0.50000	0.156734	-3.405886	-0.079314
0.000203	0.027672	2.108437	
0.75000	-0.444700	19.990109	-0.079314
0.000203	0.126436	-8.217099	
1.00000	-1.046133	43.386105	-0.079314
0.000203	0.225200	-47.675891	

ELEM 149 ========== LENGTH = 4.980787

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.148970	-4.969690	-0.036107
1.30E-05	-0.090407	-6.656433	
0.25000	0.102997	-3.195231	-0.036107
1.30E-05	-0.045447	-1.572967	
0.50000	0.057024	-1.420771	-0.036107
1.30E-05	-0.000486	1.300949	
0.75000	0.011051	0.353688	-0.036107
1.30E-05	0.044474	1.965313	
1.00000	-0.034922	2.128148	-0.036107
1.30E-05	0.089434	0.420126	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.391876	-50.582466	-0.103702
0.000160	-0.261131	-47.652515	
0.25000	0.785747	-27.187226	-0.103702
0.000160	-0.132002	0.766768	
0.50000	0.179618	-3.791986	-0.103702
0.000160	-0.002872	20.054375	
0.75000	-0.426510	19.603253	-0.103702
0.000160	0.126257	10.210306	
1.00000	-1.032639	42.998493	-0.103702
0.000160	0.255387	-28.765439	

ELEM 150 ========== LENGTH = 4.980674

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.124718	-4.195170	-0.022597
7.18E-06	-0.065098	0.420892	
0.25000	0.079101	-2.420733	-0.022597
7.18E-06	-0.036961	4.539849	
0.50000	0.033484	-0.646295	-0.022597
7.18E-06	-0.008824	6.449332	
0.75000	-0.012133	1.128143	-0.022597
7.18E-06	0.019314	6.149341	
1.00000	-0.057750	2.902580	-0.022597
7.18E-06	0.047451	3.639877	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.316511	-48.509687	-0.064663
8.62E-05	-0.186195	-28.739810	
0.25000	0.715078	-25.114735	-0.064663
8.62E-05	-0.105678	17.097596	
0.50000	0.113645	-1.719784	-0.064663
8.62E-05	-0.025161	33.804345	
0.75000	-0.487789	21.675168	-0.064663
8.62E-05	0.055356	21.380437	
1.00000	-1.089222	45.070120	-0.064663
8.62E-05	0.135873	-20.174128	

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FRAME ELEMENT INTERNAL FORCES

ELEM 151 ========== LENGTH = 4.980671

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.101196	-3.546916	0.004056
-2.44E-06	-0.001371	3.646036	
0.25000	0.055223	-1.772498	0.004056
-2.44E-06	-0.006421	6.957818	
0.50000	0.009250	0.001920	0.004056
-2.44E-06	-0.011472	8.060151	
0.75000	-0.036723	1.776338	0.004056
-2.44E-06	-0.016522	6.953036	
1.00000	-0.082696	3.550756	0.004056
-2.44E-06	-0.021572	3.636473	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.258174	-46.779050	0.009820
-6.77E-06	-0.007837	-20.133158	
0.25000	0.652045	-23.384356	0.009820
-6.77E-06	-0.020065	23.549445	
0.50000	0.045916	0.010338	0.009820
-6.77E-06	-0.032292	38.101731	
0.75000	-0.560212	23.405032	0.009820
-6.77E-06	-0.044520	23.523700	
1.00000	-1.166341	46.799726	0.009820
-6.77E-06	-0.056748	-20.184650	

ELEM 152 ========== LENGTH = 4.980674

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.076783	-2.898433	0.030828
-1.08E-05	0.067914	3.649567	
0.25000	0.031166	-1.123995	0.030828
-1.08E-05	0.029528	6.153867	
0.50000	-0.014451	0.650442	0.030828
-1.08E-05	-0.008858	6.448694	
0.75000	-0.060068	2.424880	0.030828
-1.08E-05	-0.047244	4.534046	
1.00000	-0.105685	4.199318	0.030828
-1.08E-05	-0.085630	0.409925	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.182557	-45.049777	0.085029
-9.65E-05	0.186376	-20.124278	
0.25000	0.581124	-21.654825	0.085029
-9.65E-05	0.080501	21.404957	
0.50000	-0.020310	1.740127	0.085029
-9.65E-05	-0.025375	33.803535	
0.75000	-0.621743	25.135078	0.085029
-9.65E-05	-0.131250	17.071455	
1.00000	-1.223176	48.530030	0.085029
-9.65E-05	-0.237126	-28.791282	

ELEM 153 ========== LENGTH = 4.979781

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.055306	-2.125007	0.044702
-1.32E-05	0.110745	0.428391	
0.25000	0.009333	-0.350906	0.044702
-1.32E-05	0.055094	1.969579	
0.50000	-0.036640	1.423194	0.044702
-1.32E-05	-0.000557	1.302109	
0.75000	-0.082613	3.197295	0.044702
-1.32E-05	-0.056208	-1.574019	
1.00000	-0.128586	4.971395	0.044702
-1.32E-05	-0.111859	-6.658804	

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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.129598	-42.976998	0.126218
-0.000161	0.310977	-28.715667	
0.25000	0.523469	-19.586491	0.126218
-0.000161	0.153842	10.228388	
0.50000	-0.082660	3.804015	0.126218
-0.000161	-0.003293	20.052547	
0.75000	-0.688789	27.194522	0.126218
-0.000161	-0.160428	0.756808	
1.00000	-1.294917	50.585028	0.126218
-0.000161	-0.317563	-47.658828	

ELEM 154 ========== LENGTH = 4.980886

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.067008	-2.311594	0.035166
-7.02E-06	0.098284	-6.656948	
0.25000	0.021391	-0.537080	0.035166
-7.02E-06	0.054494	-4.883332	
0.50000	-0.024225	1.237433	0.035166
-7.02E-06	0.010704	-5.319379	
0.75000	-0.069842	3.011946	0.035166
-7.02E-06	-0.033086	-7.965088	
1.00000	-0.115459	4.786459	0.035166
-7.02E-06	-0.076876	-12.820459	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.147279	-43.389950	0.104718
-0.000192	0.288001	-47.676158	
0.25000	0.545845	-19.994002	0.104718
-0.000192	0.157604	-8.212628	
0.50000	-0.055588	3.401947	0.104718
-0.000192	0.027207	2.117764	
0.75000	-0.657021	26.797896	0.104718
-0.000192	-0.103190	-16.684984	
1.00000	-1.258455	50.193845	0.104718
-0.000192	-0.233587	-64.620870	

ELEM 155 ========== LENGTH = 4.981108

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.097383	-2.714020	0.002014
8.10E-06	0.023854	-12.823979	
0.25000	0.051410	-0.939446	0.002014
8.10E-06	0.021346	-10.549190	
0.50000	0.005437	0.835128	0.002014
8.10E-06	0.018838	-10.484237	
0.75000	-0.040536	2.609702	0.002014
8.10E-06	0.016329	-12.629121	
1.00000	-0.086509	4.384276	0.002014
8.10E-06	0.013821	-16.983840	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.241707	-44.911323	0.020552
-0.000148	0.099405	-64.651526	
0.25000	0.635578	-21.514572	0.020552
-0.000148	0.073812	-23.292205	
0.50000	0.029449	1.882178	0.020552
-0.000148	0.048220	-11.068320	
0.75000	-0.576680	25.278929	0.020552
-0.000148	0.022627	-27.979872	
1.00000	-1.182809	48.675680	0.020552
-0.000148	-0.002966	-74.026859	

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FRAME ELEMENT INTERNAL FORCES

ELEM 156 ========== LENGTH = 4.980363

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.099717	-1.491137	-0.056151
3.27E-05	-0.108765	-16.989973	
0.25000	0.053744	0.283171	-0.056151
3.27E-05	-0.038852	-16.237960	
0.50000	0.007770	2.057479	-0.056151
3.27E-05	0.031061	-17.695121	
0.75000	-0.038203	3.831788	-0.056151
3.27E-05	0.100975	-21.361457	
1.00000	-0.084176	5.606096	-0.056151
3.27E-05	0.170888	-27.236967	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.238226	-41.633288	-0.125911
1.98E-05	-0.235998	-74.038522	
0.25000	0.632097	-18.240042	-0.125911
1.98E-05	-0.079227	-36.764659	
0.50000	0.025968	5.153203	-0.125911
1.98E-05	0.077544	-28.617508	
0.75000	-0.580161	28.546449	-0.125911
1.98E-05	0.234315	-49.597070	
1.00000	-1.186290	51.939694	-0.125911
1.98E-05	0.391086	-99.703344	

ELEM 157 ========== LENGTH = 4.980629

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.233668	-4.705372	-0.134350
6.09E-05	-0.299082	-27.260703	
0.25000	0.188051	-2.930950	-0.134350
6.09E-05	-0.131795	-22.506492	
0.50000	0.142434	-1.156528	-0.134350
6.09E-05	0.035492	-19.961715	
0.75000	0.096817	0.617893	-0.134350
6.09E-05	0.202779	-19.626373	
1.00000	0.051200	2.392315	-0.134350
6.09E-05	0.370067	-21.500464	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.576125	-49.961157	-0.318316
0.000232	-0.705160	-99.758702	
0.25000	0.974691	-25.566416	-0.318316
0.000232	-0.308807	-52.114266	
0.50000	0.373258	-3.171674	-0.318316
0.000232	0.087546	-33.599966	
0.75000	-0.228175	20.223067	-0.318316
0.000232	0.483899	-44.215799	
1.00000	-0.829609	43.617809	-0.318316
0.000232	0.880252	-83.961767	

ELEM 158 ========== LENGTH = 4.981022

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.294706	-5.925718	-0.201959
8.03E-05	-0.481661	-21.552229	
0.25000	0.248732	-4.151175	-0.201959
8.03E-05	-0.230171	-15.278076	
0.50000	0.202759	-2.376632	-0.201959
8.03E-05	0.021319	-11.213682	
0.75000	0.156786	-0.602088	-0.201959
8.03E-05	0.272809	-9.359048	
1.00000	0.110813	1.172455	-0.201959
8.03E-05	0.524299	-9.714175	

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FRAME ELEMENT INTERNAL FORCES

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.726715	-52.615642	-0.484787
0.000401	-1.155417	-84.112628	
0.25000	1.120586	-29.219296	-0.484787
0.000401	-0.551733	-33.159924	
0.50000	0.514457	-5.822950	-0.484787
0.000401	0.051951	-11.341649	
0.75000	-0.091672	17.573396	-0.484787
0.000401	0.655635	-18.657803	
1.00000	-0.697801	40.969742	-0.484787
0.000401	1.259319	-55.108386	

ELEM 159 ========== LENGTH = 4.980422

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.324553	-6.859781	-0.225658
8.35E-05	-0.564010	-9.768915	
0.25000	0.278936	-5.085433	-0.225658
8.35E-05	-0.283042	-2.332390	
0.50000	0.233319	-3.311085	-0.225658
8.35E-05	-0.002074	2.894886	
0.75000	0.187702	-1.536738	-0.225658
8.35E-05	0.278893	5.912911	
1.00000	0.142085	0.237610	-0.225658
8.35E-05	0.559861	6.721687	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.793215	-54.970079	-0.541800
0.000409	-1.355118	-55.240569	
0.25000	1.191781	-31.576313	-0.541800
0.000409	-0.680520	-1.360876	
0.50000	0.590348	-8.182547	-0.541800
0.000409	-0.005921	23.391111	
0.75000	-0.011085	15.211218	-0.541800
0.000409	0.668677	19.015393	
1.00000	-0.612518	38.604984	-0.541800
0.000409	1.343276	-14.488031	

ELEM 160 ========== LENGTH = 4.980901

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.281450	-5.597062	-0.196385
7.37E-05	-0.512867	6.667808	
0.25000	0.235477	-3.822562	-0.196385
7.37E-05	-0.268323	12.532585	
0.50000	0.189504	-2.048062	-0.196385
7.37E-05	-0.023780	16.187710	
0.75000	0.143531	-0.273562	-0.196385
7.37E-05	0.220764	17.633182	
1.00000	0.097558	1.500938	-0.196385
7.37E-05	0.465308	16.869003	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.686017	-51.614890	-0.469043
0.000335	-1.226667	-14.617185	
0.25000	1.079888	-28.219116	-0.469043
0.000335	-0.642603	35.088471	
0.50000	0.473759	-4.823341	-0.469043
0.000335	-0.058539	55.661120	
0.75000	-0.132370	18.572434	-0.469043
0.000335	0.525525	47.100762	
1.00000	-0.738499	41.968209	-0.469043
0.000335	1.109589	9.407396	

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< BEFORE COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

ELEM 161 ========== LENGTH = 4.980413

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.215578	-4.032847	-0.130515
5.05E-05	-0.358484	16.835933	
0.25000	0.169961	-2.258502	-0.130515
5.05E-05	-0.195979	20.752623	
0.50000	0.124344	-0.484158	-0.130515
5.05E-05	-0.033475	22.460071	
0.75000	0.078728	1.290187	-0.130515
5.05E-05	0.129029	21.958276	
1.00000	0.033111	3.064531	-0.130515
5.05E-05	0.291533	19.247240	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.515266	-47.798039	-0.308914
0.000216	-0.850073	9.355959	
0.25000	0.913833	-24.404314	-0.308914
0.000216	-0.465443	54.305653	
0.50000	0.312399	-1.010589	-0.308914
0.000216	-0.080813	70.127743	
0.75000	-0.289034	22.383136	-0.308914
0.000216	0.303817	56.822228	
1.00000	-0.890467	45.776861	-0.308914
0.000216	0.688447	14.389109	

ELEM 162 ========== LENGTH = 4.980998

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.188053	-4.193751	-0.048430
2.13E-05	-0.158299	19.224920	
0.25000	0.142080	-2.419216	-0.048430
2.13E-05	-0.097991	23.342316	
0.50000	0.096107	-0.644681	-0.048430
2.13E-05	-0.037684	25.249974	
0.75000	0.050134	1.129854	-0.048430
2.13E-05	0.022624	24.947894	
1.00000	0.004161	2.904388	-0.048430
2.13E-05	0.082931	22.436075	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.456521	-48.280963	-0.111895
8.86E-05	-0.368774	14.337655	
0.25000	0.850392	-24.884730	-0.111895
8.86E-05	-0.229436	59.892426	
0.50000	0.244263	-1.488498	-0.111895
8.86E-05	-0.090099	76.313051	
0.75000	-0.361866	21.907735	-0.111895
8.86E-05	0.049239	63.599528	
1.00000	-0.967994	45.303968	-0.111895
8.86E-05	0.188576	21.751859	

ELEM 163 ========== LENGTH = 4.980623

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.139073	-3.627676	0.042148
-1.42E-05	0.064157	22.435150	
0.25000	0.093456	-1.853256	0.042148
-1.42E-05	0.011676	25.847457	
0.50000	0.047839	-0.078837	0.042148
-1.42E-05	-0.040805	27.050335	
0.75000	0.002222	1.695583	0.042148

-1.42E-05 -0.093287 26.043785
1.00000 -0.043395 3.470002 0.042148
-1.42E-05 -0.145768 22.827805

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.331633	-47.030053	0.104675
-5.34E-05	0.163092	21.750694	
0.25000	0.730200	-23.635339	0.104675
-5.34E-05	0.032756	65.745408	
0.50000	0.128767	-0.240626	0.104675
-5.34E-05	-0.097581	80.610057	
0.75000	-0.472666	23.154088	0.104675
-5.34E-05	-0.227917	66.344641	
1.00000	-1.074100	46.548802	0.104675
-5.34E-05	-0.358254	22.949160	

ELEM 164 ========== LENGTH = 4.980359

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.090665	-2.957811	0.133833
-5.36E-05	0.294746	22.857959	
0.25000	0.044692	-1.183504	0.133833
-5.36E-05	0.128112	25.436114	
0.50000	-0.001281	0.590803	0.133833
-5.36E-05	-0.038523	25.805097	
0.75000	-0.047254	2.365109	0.133833
-5.36E-05	-0.205157	23.964909	
1.00000	-0.093227	4.139416	0.133833
-5.36E-05	-0.371792	19.915551	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.219705	-45.406934	0.324658
-0.000209	0.715851	23.047728	
0.25000	0.613576	-22.013708	0.324658
-0.000209	0.311623	65.020101	
0.50000	0.007447	1.379518	0.324658
-0.000209	-0.092605	77.865810	
0.75000	-0.598682	24.772744	0.324658
-0.000209	-0.496834	61.584854	
1.00000	-1.204810	48.165970	0.324658
-0.000209	-0.901062	16.177234	

ELEM 165 ========== LENGTH = 4.981052

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.100561	-4.335299	0.224420
-9.14E-05	0.519160	19.960626	
0.25000	0.054944	-2.560727	0.224420
-9.14E-05	0.239698	24.254309	
0.50000	0.009327	-0.786154	0.224420
-9.14E-05	-0.039764	26.338183	
0.75000	-0.036289	0.988418	0.224420
-9.14E-05	-0.319225	26.212247	
1.00000	-0.081906	2.762991	0.224420
-9.14E-05	-0.598687	23.876501	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.246662	-49.316668	0.545623
-0.000365	1.260841	16.287837	
0.25000	0.645229	-25.919937	0.545623
-0.000365	0.581398	63.132522	
0.50000	0.043796	-2.523205	0.545623
-0.000365	-0.098046	80.842120	
0.75000	-0.557638	20.873527	0.545623
-0.000365	-0.777490	69.416630	
1.00000	-1.159071	44.270258	0.545623
-0.000365	-1.456934	28.856054	

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 166 ========== LENGTH = 4.979852

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.016627	-0.216997	0.302641
-0.000143	0.726099	23.951249	
0.25000	-0.062600	1.557129	0.302641
-0.000143	0.349322	23.117041	
0.50000	-0.108573	3.331255	0.302641
-0.000143	-0.027454	20.274113	
0.75000	-0.154546	5.105381	0.302641
-0.000143	-0.404231	14.822462	
1.00000	-0.200519	6.879507	0.302641
-0.000143	-0.781008	7.362091	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.916159	-37.475107	0.738158
-0.000584	1.771058	29.064031	
0.25000	0.310031	-14.084263	0.738158
-0.000584	0.852078	61.158787	
0.50000	-0.296098	9.306581	0.738158
-0.000584	-0.066902	64.132806	
0.75000	-0.902227	32.697425	0.738158
-0.000584	-0.985882	37.986088	
1.00000	-1.508356	56.088269	0.738158
-0.000584	-1.904862	-17.281367	

ELEM 167 ========== LENGTH = 4.482800

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.003515	-1.030919	0.473128
-0.000176	1.014287	7.442323	
0.25000	-0.031146	0.319756	0.473128
-0.000176	0.484052	7.840824	
0.50000	-0.065807	1.670430	0.473128
-0.000176	-0.046183	6.725623	
0.75000	-0.100468	3.021105	0.473128
-0.000176	-0.576418	4.096721	
1.00000	-0.135129	4.371780	0.473128
-0.000176	-1.106653	-0.045881	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.109375	-45.903590	1.177868
-0.000710	2.509354	-17.109869	
0.25000	0.569024	-24.847177	1.177868
-0.000710	1.189318	22.535322	
0.50000	0.028673	-3.790764	1.177868
-0.000710	-0.130719	38.582591	
0.75000	-0.511678	17.265649	1.177868
-0.000710	-1.450755	31.031939	
1.00000	-1.052029	38.322063	1.177868
-0.000710	-2.770792	-0.116634	

ELEM 168 ========== LENGTH = 1.200000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-417.327136	9.31E-10	1.16E-10
.000000	-6.40E-10	-4.66E-09	
0.25000	-417.327136	9.31E-10	1.16E-10
.000000	-6.75E-10	-4.94E-09	
0.50000	-417.327136	9.31E-10	1.16E-10
.000000	-7.10E-10	-5.22E-09	
0.75000	-417.327136	9.31E-10	1.16E-10
.000000	-7.45E-10	-5.49E-09	
1.00000	-417.327136	9.31E-10	1.16E-10
.000000	-7.80E-10	-5.77E-09	

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1020.405	-5.59E-09	-1.86E-09
.000000	-2.79E-09	-1.49E-08	
0.25000	-1020.405	-5.59E-09	-1.86E-09
.000000	-2.24E-09	-1.32E-08	
0.50000	-1020.405	-5.59E-09	-1.86E-09
.000000	-1.68E-09	-1.15E-08	
0.75000	-1020.405	-5.59E-09	-1.86E-09
.000000	-1.12E-09	-9.87E-09	
1.00000	-1020.405	-5.59E-09	-1.86E-09
.000000	-5.59E-10	-8.20E-09	

ELEM 169 ========== LENGTH = 1.300000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1337.558	.000000	-9.31E-10
.000000	-6.98E-10	1.86E-09	
0.25000	-1337.558	.000000	-9.31E-10
.000000	-3.96E-10	1.86E-09	
0.50000	-1337.558	.000000	-9.31E-10
.000000	-9.31E-11	1.86E-09	
0.75000	-1337.558	.000000	-9.31E-10
.000000	2.10E-10	1.86E-09	
1.00000	-1337.558	.000000	-9.31E-10
.000000	5.12E-10	1.86E-09	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-3014.536	7.45E-09	.000000
.000000	-9.31E-10	7.45E-09	
0.25000	-3014.536	7.45E-09	.000000
.000000	-9.31E-10	5.03E-09	
0.50000	-3014.536	7.45E-09	.000000
.000000	-9.31E-10	2.61E-09	
0.75000	-3014.536	7.45E-09	.000000
.000000	-9.31E-10	1.86E-10	
1.00000	-3014.536	7.45E-09	.000000
.000000	-9.31E-10	-2.24E-09	

ELEM 170 ========== LENGTH = 1.300000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1337.728	-0.397030	0.007263
.000000	0.009442	-0.516139	
0.25000	-1337.728	-0.397030	0.007263
.000000	0.007081	-0.387104	
0.50000	-1337.728	-0.397030	0.007263
.000000	0.004721	-0.258070	
0.75000	-1337.728	-0.397030	0.007263
.000000	0.002360	-0.129035	
1.00000	-1337.728	-0.397030	0.007263
.000000	1.40E-10	4.66E-10	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-3014.937	-1.127922	0.020633
.000000	0.026823	-1.46299	
0.25000	-3014.937	-1.127922	0.020633
.000000	0.020117	-1.099724	
0.50000	-3014.937	-1.127922	0.020633
.000000	0.013412	-0.733149	
0.75000	-3014.937	-1.127922	0.020633
.000000	0.006706	-0.366575	
1.00000	-3014.937	-1.127922	0.020633
.000000	-1.86E-10	-1.12E-09	

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 171 ========== LENGTH = 1.200000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-417.322550	1.12E-08	-3.96E-09
.000000	-5.36E-09	2.24E-08	
0.25000	-417.322550	1.12E-08	-3.96E-09
.000000	-4.17E-09	1.90E-08	
0.50000	-417.322550	1.12E-08	-3.96E-09
.000000	-2.98E-09	1.56E-08	
0.75000	-417.322550	1.12E-08	-3.96E-09
.000000	-1.79E-09	1.23E-08	
1.00000	-417.322550	1.12E-08	-3.96E-09
.000000	-6.05E-10	8.94E-09	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1020.364	2.98E-08	-6.52E-09
-2.84E-13	-1.07E-08	4.47E-08	
0.25000	-1020.364	2.98E-08	-6.52E-09
-2.84E-13	-8.75E-09	3.58E-08	
0.50000	-1020.364	2.98E-08	-6.52E-09
-2.84E-13	-6.80E-09	2.68E-08	
0.75000	-1020.364	2.98E-08	-6.52E-09
-2.84E-13	-4.84E-09	1.79E-08	
1.00000	-1020.364	2.98E-08	-6.52E-09
-2.84E-13	-2.89E-09	8.94E-09	

ELEM 172 ========== LENGTH = 1.200000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-443.704688	-0.004715	0.258990
.000000	0.310788	-0.005658	
0.25000	-443.704688	-0.004715	0.258990
.000000	0.233091	-0.004244	
0.50000	-443.704688	-0.004715	0.258990
.000000	0.155394	-0.002829	
0.75000	-443.704688	-0.004715	0.258990
.000000	0.077697	-0.001415	
1.00000	-443.704688	-0.004715	0.258990
.000000	-2.00E-11	-3.54E-09	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1144.272	-0.016661	0.915145
.000000	1.098173	-0.019993	
0.25000	-1144.272	-0.016661	0.915145
.000000	0.823630	-0.014995	
0.50000	-1144.272	-0.016661	0.915145
.000000	0.549087	-0.009997	
0.75000	-1144.272	-0.016661	0.915145
.000000	0.274543	-0.004998	
1.00000	-1144.272	-0.016661	0.915145
.000000	-2.44E-10	-1.79E-08	

ELEM 173 ========== LENGTH = 1.300000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1337.188	8.67E-06	-0.248475
.000000	-0.323017	1.13E-05	
0.25000	-1337.188	8.67E-06	-0.248475
.000000	-0.242263	8.46E-06	
0.50000	-1337.188	8.67E-06	-0.248475
.000000	-0.161509	5.64E-06	
0.75000	-1337.188	8.67E-06	-0.248475
.000000	-0.080754	2.82E-06	
1.00000	-1337.188	8.67E-06	-0.248475
.000000	-6.40E-11	3.54E-09	

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-3155.303	2.20E-05	-0.630367
.000000	-0.819476	2.86E-05	
0.25000	-3155.303	2.20E-05	-0.630367
.000000	-0.614607	2.15E-05	
0.50000	-3155.303	2.20E-05	-0.630367
.000000	-0.409738	1.43E-05	
0.75000	-3155.303	2.20E-05	-0.630367
.000000	-0.204869	7.16E-06	
1.00000	-3155.303	2.20E-05	-0.630367
.000000	-1.16E-10	5.96E-09	

ELEM 174 ========== LENGTH = 1.300000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1337.031	0.389781	-0.345535
.000000	-0.449196	0.506716	
0.25000	-1337.031	0.389781	-0.345535
.000000	-0.336897	0.380037	
0.50000	-1337.031	0.389781	-0.345535
.000000	-0.224598	0.253358	
0.75000	-1337.031	0.389781	-0.345535
.000000	-0.112299	0.126679	
1.00000	-1337.031	0.389781	-0.345535
.000000	-8.15E-11	-4.66E-11	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-3154.938	1.121577	-0.935526
.000000	-1.21618e4	1.458050	
0.25000	-3154.938	1.121577	-0.935526
.000000	-0.912138	1.093537	
0.50000	-3154.938	1.121577	-0.935526
.000000	-0.608092	0.729025	
0.75000	-3154.938	1.121577	-0.935526
.000000	-0.304046	0.364512	
1.00000	-3154.938	1.121577	-0.935526
.000000	-3.26E-10	1.12E-09	

ELEM 175 ========== LENGTH = 1.200000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-443.704094	0.011955	0.327757
.000000	0.393308	0.014346	
0.25000	-443.704094	0.011955	0.327757
.000000	0.294981	0.010760	
0.50000	-443.704094	0.011955	0.327757
.000000	0.196654	0.007173	
0.75000	-443.704094	0.011955	0.327757
.000000	0.098327	0.003587	
1.00000	-443.704094	0.011955	0.327757
.000000	-1.16E-10	-2.98E-09	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1144.312	0.022984	0.630115
-1.82E-12	0.756138	0.027581	
0.25000	-1144.312	0.022984	0.630115
-1.82E-12	0.567103	0.020686	
0.50000	-1144.312	0.022984	0.630115
-1.82E-12	0.378069	0.013790	
0.75000	-1144.312	0.022984	0.630115
-1.82E-12	0.189034	0.006895	
1.00000	-1144.312	0.022984	0.630115
-1.82E-12	-1.40E-10	8.94E-09	

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< AFTER COMPOSITE SELF-WEIGHT LOAD >

D I S P L A C E M E N T D E G R E E S O F F R E E D O M

(A) = Active DOF, equilibrium equation
(-) = Restrained DOF, reaction computed
(+) = Constrained DOF
(>) = External substructure DOF
( ) = Null DOF

JOINTS	U1	U2	U3	R1	R2	R3
1 TO 102	A	A	A	A	A	A
103 TO 104	A	A	-	A	A	A
105	-	A	-	A	A	A
106	A	A	-	A	A	A
107 TO 108	A	-	-	A	A	A
109	-	-	-	A	A	A
110	A	-	-	A	A	A

< AFTER COMPOSITE SELF-WEIGHT LOAD >

T O T A L A S S E M B L E D J O I N T M A S S E S

IN GLOBAL COORDINATES

	UX	UY	UZ
RX	RY	RZ	
TOTAL	.000000	.000000	.000000
.000000	.000000	.000000	

T O T A L A C C E L E R A T E D M A S S A N D L O C A T I O N

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

	UX	UY	UZ
MASS	.000000	.000000	.000000
X-LOC	.000000	.000000	.000000
Y-LOC	.000000	.000000	.000000
Z-LOC	.000000	.000000	.000000

< AFTER COMPOSITE SELF-WEIGHT LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD AFTER ----------

JOINT R1	U1 R2	U2 R3	U3
1	0.000392	-0.000117	-2.63E-07
1.10E-05	0.001004	1.54E-06	
2	0.000280	-0.000109	-0.004374
8.60E-06	0.000933	1.54E-06	
3	0.000173	-0.000101	-0.008534
8.59E-07	0.000724	1.50E-06	
4	9.72E-05	-9.44E-05	-0.011491
-8.13E-06	0.000474	1.45E-06	
5	5.26E-05	-8.89E-05	-0.013240
-1.77E-05	0.000228	1.44E-06	
6	4.02E-05	-8.47E-05	-0.013729
-2.89E-05	-2.88E-05	1.47E-06	
7	5.97E-05	-8.17E-05	-0.012972
-4.07E-05	-0.000268	1.54E-06	
8	0.000108	-7.99E-05	-0.011099
-5.27E-05	-0.000479	1.65E-06	
9	0.000180	-7.88E-05	-0.008309
-6.35E-05	-0.000626	1.80E-06	
10	0.000263	-7.82E-05	-0.005078
-7.09E-05	-0.000648	1.96E-06	
11	0.000339	-7.75E-05	-0.002101
-7.37E-05	-0.000528	2.09E-06	
12	0.000392	-7.63E-05	-8.32E-07
-7.16E-05	-0.000299	2.17E-06	
13	0.000416	-7.46E-05	0.000904
-7.30E-05	-8.07E-05	2.27E-06	
14	0.000418	-7.27E-05	0.000949
-7.35E-05	5.36E-05	2.29E-06	
15	0.000407	-7.09E-05	0.000495
-7.36E-05	0.000119	2.24E-06	
16	0.000392	-6.96E-05	-9.43E-05
-7.38E-05	0.000107	2.13E-06	
17	0.000383	-6.88E-05	-0.000478
-7.39E-05	4.18E-05	2.00E-06	
18	0.000383	-6.87E-05	-0.000478
-7.39E-05	-4.17E-05	1.86E-06	
19	0.000392	-6.93E-05	-9.44E-05
-7.39E-05	-0.000107	1.74E-06	
20	0.000407	-7.05E-05	0.000494
-7.37E-05	-0.000119	1.62E-06	
21	0.000418	-7.22E-05	0.000949
-7.36E-05	-5.36E-05	1.52E-06	
22	0.000417	-7.43E-05	0.000904

-7.32E-05 8.07E-05 1.43E-06
23 0.000392 -7.69E-05 -8.32E-07
-7.18E-05 0.000299 1.33E-06
24 0.000339 -7.97E-05 -0.002101
-7.36E-05 0.000528 1.30E-06
25 0.000263 -8.28E-05 -0.005078
-7.08E-05 0.000648 1.21E-06
26 0.000181 -8.57E-05 -0.008309
-6.34E-05 0.000626 1.09E-06
27 0.000109 -8.81E-05 -0.011099
-5.26E-05 0.000479 9.65E-07
28 6.12E-05 -8.96E-05 -0.012972
-4.06E-05 0.000268 8.67E-07
29 4.19E-05 -8.99E-05 -0.013729
-2.88E-05 2.89E-05 8.06E-07
30 5.46E-05 -8.90E-05 -0.013241
-1.77E-05 -0.000228 7.86E-07
31 0.000100 -8.67E-05 -0.011492
-8.06E-06 -0.000474 8.00E-07
32 0.000176 -8.32E-05 -0.008535
8.77E-07 -0.000724 8.56E-07
33 0.000283 -7.81E-05 -0.004374
8.58E-06 -0.000933 9.35E-07
34 0.000395 -7.27E-05 -2.63E-07
1.10E-05 -0.001004 9.90E-07
35 0.000402 -0.000119 -2.79E-07
0.000111 0.001021 -2.24E-06
36 0.000287 -0.000116 -0.004491
0.000123 0.000947 -2.51E-06
37 0.000178 -0.000112 -0.008759
0.000128 0.000733 -2.65E-06
38 0.000100 -0.000109 -0.011789
0.000126 0.000477 -2.59E-06
39 5.42E-05 -0.000106 -0.013578
0.000121 0.000226 -2.39E-06
40 4.14E-05 -0.000102 -0.014074
0.000113 -3.58E-05 -2.11E-06
41 6.12E-05 -9.78E-05 -0.013295
0.000102 -0.000279 -1.79E-06
42 0.000111 -9.34E-05 -0.011372
9.06E-05 -0.000493 -1.45E-06
43 0.000183 -8.90E-05 -0.008511
7.84E-05 -0.000642 -1.14E-06
44 0.000268 -8.46E-05 -0.005202
6.81E-05 -0.000664 -9.01E-07
45 0.000345 -8.04E-05 -0.002152
6.18E-05 -0.000540 -8.07E-07
46 0.000400 -7.67E-05 -8.33E-07
5.90E-05 -0.000308 -8.45E-07
47 0.000425 -7.37E-05 0.000929
6.35E-05 -8.51E-05 -1.09E-06
48 0.000427 -7.13E-05 0.000980
6.69E-05 5.20E-05 -1.33E-06
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< AFTER COMPOSITE SELF-WEIGHT LOAD > 4

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
49 0.000416 -6.97E-05 0.000518
6.98E-05 0.000119 -1.55E-06
50 0.000400 -6.88E-05 -8.13E-05
7.20E-05 0.000108 -1.72E-06
51 0.000391 -6.83E-05 -0.000473
7.30E-05 4.21E-05 -1.83E-06
52 0.000391 -6.82E-05 -0.000473
7.30E-05 -4.21E-05 -1.90E-06
53 0.000400 -6.85E-05 -8.14E-05
7.20E-05 -0.000108 -1.94E-06
54 0.000415 -6.91E-05 0.000518
6.98E-05 -0.000119 -2.00E-06
55 0.000427 -7.06E-05 0.000980
6.70E-05 -5.20E-05 -2.11E-06
56 0.000425 -7.31E-05 0.000929
6.36E-05 8.51E-05 -2.28E-06
57 0.000400 -7.70E-05 -8.33E-07
5.92E-05 0.000308 -2.48E-06
58 0.000346 -8.25E-05 -0.002152
6.20E-05 0.000540 -2.83E-06
59 0.000268 -8.90E-05 -0.005202
6.83E-05 0.000664 -3.14E-06
60 0.000184 -9.57E-05 -0.008512
7.85E-05 0.000642 -3.33E-06
61 0.000111 -0.000102 -0.011372
9.07E-05 0.000493 -3.36E-06
62 6.21E-05 -0.000106 -0.013295
0.000102 0.000279 -3.22E-06
63 4.21E-05 -0.000107 -0.014075
0.000113 3.58E-05 -2.94E-06
64 5.46E-05 -0.000106 -0.013579
0.000121 -0.000226 -2.54E-06
65 0.000100 -0.000101 -0.011790
0.000126 -0.000477 -2.08E-06
66 0.000177 -9.41E-05 -0.008760
0.000128 -0.000733 -1.55E-06
67 0.000287 -8.42E-05 -0.004492
0.000123 -0.000947 -1.00E-06
68 0.000400 -7.43E-05 -2.79E-07
0.000111 -0.001021 -5.88E-07
69 0.000402 -0.000112 0.000127
5.47E-05 0.001124 -9.40E-05
70 0.000287 -0.000106 -0.004305
5.92E-05 0.000912 -6.87E-05
71 0.000180 -9.90E-05 -0.008499
6.28E-05 0.000732 -5.60E-05
72 0.000102 -9.35E-05 -0.011485
5.83E-05 0.000472 -3.60E-05
73 5.73E-05 -8.87E-05 -0.013247
5.18E-05 0.000226 -1.71E-05
74 4.47E-05 -8.45E-05 -0.013735
4.21E-05 -3.29E-05 3.04E-06
75 6.45E-05 -8.08E-05 -0.012965
3.07E-05 -0.000274 2.18E-05
76 0.000114 -7.76E-05 -0.011066
1.85E-05 -0.000486 3.85E-05
77 0.000186 -7.50E-05 -0.008243
7.24E-06 -0.000633 5.03E-05
78 0.000271 -7.27E-05 -0.004976
-5.69E-07 -0.000654 5.23E-05
79 0.000348 -7.05E-05 -0.001968
-4.34E-06 -0.000534 4.30E-05
80 0.000403 -6.80E-05 0.000160
-4.72E-06 -0.000304 2.48E-05
81 0.000427 -6.56E-05 0.001077
-3.87E-06 -8.27E-05 7.41E-06
82 0.000428 -6.32E-05 0.001129
-3.08E-06 5.18E-05 -2.93E-06
83 0.000416 -6.13E-05 0.000675
-2.14E-06 0.000118 -8.06E-06
84 0.000401 -5.99E-05 8.40E-05
-1.30E-06 0.000107 -7.09E-06
85 0.000391 -5.92E-05 -0.000302
-8.14E-07 4.18E-05 -1.82E-06
86 0.000391 -5.91E-05 -0.000302
-8.24E-07 -4.18E-05 4.88E-06
87 0.000401 -5.96E-05 8.41E-05
-1.32E-06 -0.000107 1.02E-05
88 0.000416 -6.07E-05 0.000675
-2.15E-06 -0.000118 1.12E-05
89 0.000428 -6.24E-05 0.001129
-3.07E-06 -5.18E-05 6.11E-06
90 0.000427 -6.49E-05 0.001077
-3.84E-06 8.26E-05 -4.29E-06
91 0.000403 -6.81E-05 0.000161
-4.66E-06 0.000304 -2.18E-05
92 0.000348 -7.23E-05 -0.001968
-4.29E-06 0.000534 -4.03E-05
93 0.000271 -7.69E-05 -0.004977
-4.72E-07 0.000654 -5.00E-05
94 0.000187 -8.16E-05 -0.008243
7.33E-06 0.000633 -4.85E-05
95 0.000114 -8.56E-05 -0.011067
1.86E-05 0.000486 -3.70E-05
96 6.53E-05 -8.84E-05 -0.012965
3.07E-05 0.000274 -2.06E-05
97 4.54E-05 -8.94E-05 -0.013735
4.21E-05 3.29E-05 -1.99E-06
98 5.79E-05 -8.84E-05 -0.013247
5.19E-05 -0.000226 1.82E-05
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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
99 0.000103 -8.54E-05 -0.011486
5.83E-05 -0.000472 3.73E-05
100 0.000180 -8.04E-05 -0.008499
6.28E-05 -0.000732 5.77E-05
101 0.000288 -7.39E-05 -0.004306
5.92E-05 -0.000912 7.10E-05
102 0.000402 -6.66E-05 0.000126
5.47E-05 -0.001124 9.77E-05
103 -0.000800 -0.000178 .000000
-8.07E-05 0.001001 1.54E-06
104 0.000798 -5.47E-05 .000000
-2.76E-05 -0.000307 2.17E-06
105 4.67E-23 -0.000170 .000000
-6.63E-05 0.000301 1.33E-06
106 0.001563 -0.000349 .000000
-0.000172 -0.000990 9.90E-07
107 -0.000823 -3.97E-22 .000000
9.27E-05 0.001023 -2.24E-06
108 0.000800 5.86E-25 .000000
5.90E-05 -0.000308 -8.45E-07
109 .000000 .000000 .000000
6.48E-05 0.000307 -2.48E-06
110 0.001626 -3.45E-21 .000000
7.40E-05 -0.001024 -5.88E-07
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD AFTER ----------

JOINT F1 F2 F3
M1 M2 M3
103 .000000 .000000 460.626534
.000000 .000000 .000000
104 .000000 .000000 1343.610
.000000 .000000 .000000
105 -0.415417 .000000 1343.701
.000000 .000000 .000000
106 .000000 .000000 460.619192
.000000 .000000 .000000
107 .000000 -0.165122 488.727207
.000000 .000000 .000000
108 .000000 0.192137 1346.175
.000000 .000000 .000000
109 0.414308 0.171745 1346.100
.000000 .000000 .000000
110 .000000 -0.198871 488.734197
.000000 .000000 .000000
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD AFTER ----------

FX FY FZ
MX MY MZ
APPLIED -3.84E-15 1.10E-16 -7278.292
39992.327 592426.447 3.47E-14
REACTNS -6.04E-09 -1.24E-09 7278.292
-39992.327 -592426.447 -1.84E-07

TOTAL -6.04E-09 -1.24E-09 2.73E-12
-5.12E-09 3.52E-08 -1.84E-07
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 1 ========== LENGTH = 4.470847

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 12.539043 -464.351821 0.082078
-32.945373 -0.792811 -0.126777
0.25000 11.996520 -443.449046 0.082078
-12.559431 -0.884551 507.203022
0.50000 11.453997 -422.546272 0.082078
7.826512 -0.976291 991.169545
0.75000 10.911473 -401.643497 0.082078
28.212455 -1.068031 1451.773
1.00000 10.368950 -380.740722 0.082078
48.598397 -1.159771 1889.013

ELEM 2 ========== LENGTH = 4.966847

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.429891 -363.539310 0.057775
-32.244685 -0.859724 1888.938
0.25000 9.831242 -340.317349 0.057775
-9.597104 -0.931464 2325.932
0.50000 9.232593 -317.095389 0.057775
13.050477 -1.003204 2734.090
0.75000 8.633944 -293.873428 0.057775
35.698057 -1.074945 3113.414
1.00000 8.035295 -270.651467 0.057775
58.345638 -1.146685 3463.902

ELEM 3 ========== LENGTH = 4.967098

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 8.115980 -255.034683 0.210057
-28.872251 -0.262648 3463.888
0.25000 7.512657 -231.811788 0.210057
-6.223525 -0.523491 3766.165
0.50000 6.909334 -208.588893 0.210057
16.425201 -0.784335 4039.604
0.75000 6.306011 -185.365998 0.210057
39.073927 -1.045178 4284.206
1.00000 5.702688 -162.143103 0.210057
61.722653 -1.306022 4499.970

ELEM 4 ========== LENGTH = 4.967306

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 5.490668 -144.121289 0.366666
-38.910098 0.394745 4499.964
0.25000 4.892019 -120.897179 0.366666
-16.260424 -0.060590 4664.518
0.50000 4.293370 -97.673068 0.366666
6.389250 -0.515925 4800.231
0.75000 3.694721 -74.448958 0.366666
29.038924 -0.971260 4907.104
1.00000 3.096072 -51.224848 0.366666
51.688598 -1.426595 4985.136

ELEM 5 ========== LENGTH = 4.967664

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 2.783421 -33.554051 0.421349
-50.481767 0.780239 4985.133
0.25000 2.180098 -10.328507 0.421349
-27.830461 0.256959 5012.382
0.50000 1.576775 12.897037 0.421349
-5.179155 -0.266320 5010.787
0.75000 0.973452 36.122580 0.421349
17.472151 -0.789600 4980.348
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REL DIST P V2 V3
T M2 M3
1.00000 0.370129 59.348124 0.421349
40.123457 -1.312880 4921.065

ELEM 6 ========== LENGTH = 4.966986

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.093246 77.057486 0.512184
-63.724168 1.422949 4921.037
0.25000 -0.691895 100.280099 0.512184
-41.075952 0.786946 4810.933
0.50000 -1.290544 123.502711 0.512184
-18.427737 0.150944 4671.992
0.75000 -1.889193 146.725324 0.512184
4.220479 -0.485059 4504.215
1.00000 -2.487842 169.947937 0.512184
26.868694 -1.121061 4307.601

ELEM 7 ========== LENGTH = 4.967451

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -3.146650 187.680724 0.582820
-74.403804 2.013950 4307.553
0.25000 -3.749973 210.905269 0.582820
-51.753471 1.290168 4060.059
0.50000 -4.353296 234.129814 0.582820
-29.103138 0.566387 3783.722
0.75000 -4.956618 257.354358 0.582820
-6.452805 -0.157395 3478.544
1.00000 -5.559941 280.578903 0.582820
16.197529 -0.881177 3144.525

ELEM 8 ========== LENGTH = 4.967885

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -6.239930 297.791338 0.722268
-80.441276 2.528303 3144.479
0.25000 -6.838579 321.018158 0.722268
-57.788963 1.631268 2760.207
0.50000 -7.437228 344.244979 0.722268
-35.136649 0.734232 2347.088
0.75000 -8.035877 367.471799 0.722268
-12.484336 -0.162803 1905.122
1.00000 -8.634527 390.698619 0.722268
10.167978 -1.059839 1434.309

ELEM 9 ========== LENGTH = 4.967457

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -9.548734 408.073096 0.779295
-80.505668 2.492177 1434.247
0.25000 -10.152057 431.297669 0.779295
-57.855307 1.524398 913.054597
0.50000 -10.755380 454.522242 0.779295
-35.204946 0.556620 363.020591
0.75000 -11.358703 477.746815 0.779295
-12.554586 -0.411158 -215.855180
1.00000 -11.962026 500.971388 0.779295
10.095775 -1.378936 -823.572716

ELEM 10 ========== LENGTH = 4.967005

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -12.734235 519.243114 0.768793
-75.245604 2.074863 -823.615825
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REL DIST P V2 V3
T M2 M3
0.25000 -13.332885 542.465813 0.768793
-52.597304 1.120213 -1482.805
0.50000 -13.931534 565.688513 0.768793
-29.949004 0.165563 -2170.831
0.75000 -14.530183 588.911212 0.768793
-7.300704 -0.789087 -2887.694
1.00000 -15.128832 612.133911 0.768793
15.347595 -1.743737 -3633.393

ELEM 11 ========== LENGTH = 4.967662

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -16.065931 630.705312 0.605507
-60.603916 1.262488 -3633.428
0.25000 -16.669254 653.930847 0.605507
-37.952619 0.510500 -4431.133
0.50000 -17.272577 677.156381 0.605507
-15.301321 -0.241488 -5257.682
0.75000 -17.875900 700.381916 0.605507
7.349976 -0.993476 -6113.075
1.00000 -18.479223 723.607451 0.605507
30.001273 -1.745464 -6997.312

ELEM 12 ========== LENGTH = 4.967343

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 15.560627 -599.300243 0.355015
-78.648363 1.688296 -6997.382
0.25000 14.961978 -576.075959 0.355015
-55.998520 1.247425 -6267.570
0.50000 14.363329 -552.851675 0.355015
-33.348677 0.806554 -5566.599
0.75000 13.764680 -529.627392 0.355015
-10.698834 0.365684 -4894.468
1.00000 13.166031 -506.403108 0.355015
11.951009 -0.075187 -4251.178

ELEM 13 ========== LENGTH = 4.967127

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 12.736457 -488.538168 0.206662
-60.717238 2.007590 -4251.259
0.25000 12.133134 -465.315137 0.206662
-38.068379 1.750962 -3659.020
0.50000 11.529811 -442.092105 0.206662
-15.419519 1.494333 -3095.620
0.75000 10.926488 -418.869073 0.206662
7.229340 1.237705 -2561.057
1.00000 10.323165 -395.646042 0.206662
29.878200 0.981076 -2055.332

ELEM 14 ========== LENGTH = 4.966901

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.798277 -377.657042 0.193956
-50.520765 2.988573 -2055.368
0.25000 9.199628 -354.434826 0.193956
-27.872936 2.747733 -1600.840
0.50000 8.600979 -331.212611 0.193956
-5.225108 2.506892 -1175.147
0.75000 8.002330 -307.990396 0.193956
17.422720 2.266052 -778.289323
1.00000 7.403680 -284.768180 0.193956
40.070549 2.025212 -410.267652
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 15 ========== LENGTH = 4.967785

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 7.060389 -267.091065 0.211916
-45.689956 4.043707 -410.278390
0.25000 6.457066 -243.864956 0.211916
-23.038100 3.780518 -92.988445
0.50000 5.853743 -220.638846 0.211916
-0.386243 3.517329 195.455922
0.75000 5.250420 -197.412737 0.211916
22.265614 3.254140 455.054711
1.00000 4.647097 -174.186628 0.211916
44.917471 2.990952 685.807921

ELEM 16 ========== LENGTH = 4.966679

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.218478 -156.771366 0.337606
-44.357556 5.118075 685.802365
0.25000 3.619829 -133.550192 0.337606
-21.710742 4.698879 866.044105
0.50000 3.021180 -110.329019 0.337606
0.936071 4.279684 1017.453
0.75000 2.422531 -87.107846 0.337606
23.582885 3.860488 1140.029
1.00000 1.823881 -63.886673 0.337606
46.229698 3.441292 1233.771

ELEM 17 ========== LENGTH = 4.967675

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.398840 -46.459273 0.449136
-45.397214 5.753523 1233.788
0.25000 0.795517 -23.233677 0.449136
-22.745857 5.195733 1277.064
0.50000 0.192194 -0.008080 0.449136

-0.094500	4.637943	1291.496	
0.75000	-0.411129	23.217516	0.449136
22.556857	4.080153	1277.084	
1.00000	-1.014452	46.443112	0.449136
45.208214	3.522364	1233.828	

ELEM 18 ========== LENGTH = 4.967678

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.490816	63.873700	0.607921
-46.427405	5.996703	1233.834	
0.25000	-2.089465	87.099554	0.607921
-23.776033	5.241714	1140.086	
0.50000	-2.688114	110.325407	0.607921
-1.124661	4.486725	1017.493	
0.75000	-3.286763	133.551260	0.607921
21.526710	3.731736	866.055029	
1.00000	-3.885413	156.777114	0.607921
44.178082	2.976747	685.772779	

ELEM 19 ========== LENGTH = 4.966779

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.447895	174.187956	0.695226
-44.972300	5.517740	685.788641	
0.25000	-5.051217	197.409355	0.695226
-22.325031	4.654481	455.083443	
0.50000	-5.654540	220.630753	0.695226
0.322238	3.791222	195.544358	
0.75000	-6.257863	243.852152	0.695226
22.969507	2.927963	-92.828613	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-6.861186	267.073551	0.695226
45.616776	2.064704	-410.035471	

ELEM 20 ========== LENGTH = 4.967901

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.349854	284.758650	0.778080
-40.116461	4.548053	-410.013015	
0.25000	-7.948504	307.985545	0.778080
-17.464075	3.581697	-778.099822	
0.50000	-8.547153	331.212440	0.778080
5.188312	2.615341	-1175.034	
0.75000	-9.145802	354.439335	0.778080
27.840698	1.648985	-1600.815	
1.00000	-9.744451	377.666230	0.778080
50.493084	0.682629	-2055.444	

ELEM 21 ========== LENGTH = 4.967114

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.342399	395.660660	0.762318
-30.382510	2.924538	-2055.420	
0.25000	-10.945722	418.883629	0.762318
-7.733712	1.977908	-2561.161	
0.50000	-11.549044	442.106598	0.762318
14.915087	1.031278	-3095.741	
0.75000	-12.152367	465.329567	0.762318
37.563885	0.084648	-3659.158	
1.00000	-12.755690	488.552536	0.762318
60.212683	-0.861982	-4251.413	

ELEM 22 ========== LENGTH = 4.967352

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.194360	506.433076	0.696501
-12.594717	0.933702	-4251.333	
0.25000	-13.797683	529.657161	0.696501
10.055168	0.068760	-4894.661	
0.50000	-14.401005	552.881246	0.696501
32.705053	-0.796182	-5566.830	
0.75000	-15.004328	576.105331	0.696501
55.354938	-1.661124	-6267.839	
1.00000	-15.607651	599.329416	0.696501
78.004824	-2.526066	-6997.689	

ELEM 23 ========== LENGTH = 4.967656

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.178322	-723.590087	0.448646
-28.341390	0.263344	-6997.093	
0.25000	18.579673	-700.364337	0.448646
-5.690119	-0.820523	-6112.879	
0.50000	17.981024	-677.138587	0.448646
16.961152	-1.377703	-5257.509	
0.75000	17.382374	-653.912838	0.448646
39.612423	-1.934882	-4430.983	
1.00000	16.783725	-630.687088	0.448646
62.263693	-2.492061	-3633.302	

ELEM 24 ========== LENGTH = 4.967007

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.723571	-612.118481	0.215794
-15.162723	-1.435300	-3633.291	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	16.120248	-588.896012	0.215794
7.485589	-1.703263	-2887.610	
0.50000	15.516925	-565.673542	0.215794
30.133901	-1.971226	-2170.765	
0.75000	14.913602	-542.451073	0.215794
52.782213	-2.239189	-1482.757	
1.00000	14.310279	-519.228603	0.215794
75.430524	-2.507152	-823.586030	

ELEM 25 ========== LENGTH = 4.967404

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.105202	-500.970387	0.147785
-9.913681	-1.478162	-823.521653	
0.25000	13.506553	-477.745818	0.147785
12.736440	-1.661688	-215.811785	
0.50000	12.907904	-454.521249	0.147785
35.386561	-1.845215	363.056626	
0.75000	12.309255	-431.296679	0.147785
58.036682	-2.028741	913.083583	
1.00000	11.710606	-408.072110	0.147785
80.686803	-2.212268	1434.269	

ELEM 26 ========== LENGTH = 4.966912

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.705943	-390.691027	0.168140
-10.300024	-1.023752	1434.328	
0.25000	11.102620	-367.469006	0.168140
12.347852	-1.232536	1905.043	
0.50000	10.499297	-344.246985	0.168140
34.995727	-1.441319	2346.922	
0.75000	9.895974	-321.024964	0.168140
57.643602	-1.650103	2759.965	
1.00000	9.292651	-297.802942	0.168140
80.291477	-1.858886	3144.173	

ELEM 27 ========== LENGTH = 4.967391

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.068235	-280.591246	0.304523
-15.721771	-0.260014	3144.244	
0.25000	8.469586	-257.366736	0.304523
6.928293	-0.638185	3478.275	
0.50000	7.870937	-234.142226	0.304523
29.578356	-1.016356	3783.464	
0.75000	7.272288	-210.917716	0.304523
52.228419	-1.394528	4059.813	
1.00000	6.673638	-187.693206	0.304523
74.878482	-1.772699	4307.320	

ELEM 28 ========== LENGTH = 4.968011

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.406337	-169.978542	0.376323
-27.147158	0.363237	4307.383	
0.25000	5.803014	-146.751373	0.376323
-4.494269	-0.104158	4504.072	
0.50000	5.199691	-123.524205	0.376323
18.158619	-0.571552	4671.914	
0.75000	4.596368	-100.297036	0.376323
40.811507	-1.038946	4810.907	
1.00000	3.993045	-77.069868	0.376323
63.464396	-1.506341	4921.052	

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FRAME ELEMENT INTERNAL FORCES

ELEM 29 ========== LENGTH = 4.966639

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.532692	-59.360644	0.479550
-40.463363	1.140784	4921.080	
0.25000	2.934042	-36.133656	0.479550
-17.816730	0.545345	4980.369	
0.50000	2.335393	-12.918667	0.479550
4.829904	-0.050093	5010.826	
0.75000	1.736744	10.302321	0.479550
27.476538	-0.645531	5012.450	
1.00000	1.138095	33.523310	0.479550
50.123171	-1.240970	4985.242	

ELEM 30 ========== LENGTH = 4.967289

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.528341	51.208747	0.573924
-51.071276	1.822455	4985.276	
0.25000	-0.074982	74.432534	0.573924
-28.421681	1.109743	4907.264	
0.50000	-0.678305	97.656321	0.573924
-5.772086	0.397031	4800.412	
0.75000	-1.281628	120.880108	0.573924
16.877509	-0.315680	4664.721	
1.00000	-1.884951	144.103895	0.573924
39.527104	-1.028392	4500.189	

ELEM 31 ========== LENGTH = 4.967072

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.617141	162.136780	0.801325
-62.007265	2.518007	4500.203	
0.25000	-3.215790	185.359796	0.801325
-39.358657	1.522947	4284.448	
0.50000	-3.814440	208.582812	0.801325
-16.710048	0.527887	4039.855	
0.75000	-4.413089	231.805828	0.801325
5.938560	-0.467173	3766.425	
1.00000	-5.011738	255.028844	0.801325
28.587168	-1.462233	3464.157	

ELEM 32 ========== LENGTH = 4.967871

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.916361	270.639327	1.004956
-58.570389	2.198641	3464.192	
0.25000	-6.519684	293.865841	1.004956
-35.918138	0.950518	3113.643	
0.50000	-7.123007	317.092355	1.004956
-13.265887	-0.297604	2734.248	
0.75000	-7.726330	340.318869	1.004956
9.386364	-1.545726	2326.006	
1.00000	-8.329653	363.545383	1.004956
32.038615	-2.793849	1888.918	

ELEM 33 ========== LENGTH = 4.470768

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.276146	380.743287	0.831130
-48.427762	1.125709	1888.986	
0.25000	-9.813996	401.645934	0.831130
-28.042179	0.196762	1451.751	
0.50000	-10.351845	422.548581	0.831130
-7.656597	-0.732185	991.152887	
0.75000	-10.889694	443.451228	0.831130
12.728986	-1.661132	507.192400	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-11.427544	464.353874	0.831130
33.114569	-2.590079	-0.130805	

ELEM 34 ========== LENGTH = 4.493859

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.662124	-471.158031	0.018613
118.269375	-4.718983	0.067691	
0.25000	11.119599	-450.147518	0.018613
97.778499	-4.739894	517.594900	
0.50000	10.577074	-429.137005	0.018613
77.287624	-4.760804	1011.518	
0.75000	10.034549	-408.126493	0.018613
56.796748	-4.781715	1481.836	
1.00000	9.492024	-387.115980	0.018613
36.305872	-4.802626	1928.549	

ELEM 35 ========== LENGTH = 4.993904

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.309775	-365.772129	-0.058072
121.503478	-8.743025	1928.717	
0.25000	7.711123	-342.423497	-0.058072
98.732523	-8.670523	2370.800	
0.50000	7.112472	-319.074865	-0.058072
75.961568	-8.598021	2783.732	
0.75000	6.513821	-295.726233	-0.058072
53.190613	-8.525519	3167.514	
1.00000	5.915170	-272.377601	-0.058072
30.419658	-8.453018	3522.146	

ELEM 36 ========== LENGTH = 4.994106

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.110283	-255.391007	-0.254380
100.011745	-11.582489	3522.313	
0.25000	4.506958	-232.041670	-0.254380
77.239869	-11.264889	3826.599	
0.50000	3.903633	-208.692332	-0.254380
54.467992	-10.947289	4101.733	
0.75000	3.300308	-185.342995	-0.254380
31.696115	-10.629689	4347.715	
1.00000	2.696983	-161.993657	-0.254380
8.924238	-10.312089	4564.545	

ELEM 37 ========== LENGTH = 4.994315

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.922733	-143.548857	-0.462604
80.339084	-12.988918	4564.658	
0.25000	1.324082	-120.198301	-0.462604
57.566256	-12.411321	4729.313	
0.50000	0.725431	-96.847746	-0.462604
34.793427	-11.833724	4864.812	
0.75000	0.126779	-73.497190	-0.462604
12.020598	-11.256128	4971.157	
1.00000	-0.471872	-50.146635	-0.462604
-10.752230	-10.678531	5048.346	

ELEM 38 ========== LENGTH = 4.993674

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.032640	-32.658714	-0.568772
58.458329	-12.842889	5048.412	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-1.635965	-9.311398	-0.568772
35.688422	-12.132823	5074.610	
0.50000	-2.239291	14.035917	-0.568772
12.918514	-11.422758	5071.661	
0.75000	-2.842616	37.383233	-0.568772
-9.851393	-10.712692	5039.565	
1.00000	-3.445941	60.730548	-0.568772
-32.621300	-10.002626	4978.322	

ELEM 39 ========== LENGTH = 4.993996

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.848572	78.277528	-0.710771
36.821983	-11.682350	4978.347	
0.25000	-4.447224	101.626589	-0.710771
14.050611	-10.794953	4866.042	
0.50000	-5.045875	124.975649	-0.710771
-8.720762	-9.907556	4724.586	
0.75000	-5.644526	148.324709	-0.710771
-31.492134	-9.020159	4553.978	
1.00000	-6.243177	171.673770	-0.710771
-54.263506	-8.132762	4354.219	

ELEM 40 ========== LENGTH = 4.994460

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.559099	189.488829	-0.827811
19.497472	-9.468374	4354.188	
0.25000	-7.162424	212.839821	-0.827811
-3.276017	-8.434758	4103.011	
0.50000	-7.765750	236.190814	-0.827811
-26.049505	-7.401141	3822.678	
0.75000	-8.369075	259.541806	-0.827811
-48.822994	-6.367524	3513.188	
1.00000	-8.972400	282.892799	-0.827811
-71.596483	-5.333908	3174.543	

ELEM 41 ========== LENGTH = 4.993895

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.064409	300.471113	-1.004584
5.003638	-6.359930	3174.478	
0.25000	-9.663061	323.819700	-1.004584
-17.767273	-5.105634	2784.772	
0.50000	-10.261712	347.168287	-1.004584
-40.538184	-3.851438	2365.917	
0.75000	-10.860363	370.516874	-1.004584
-63.309095	-2.597241	1917.911	
1.00000	-11.459014	393.865461	-1.004584
-86.080007	-1.343045	1440.756	

ELEM 42 ========== LENGTH = 4.993439

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.605558	411.429571	-1.079517
-4.125392	-2.222961	1440.656	
0.25000	-12.208883	434.775782	-1.079517
-26.894224	-0.875335	912.471251	
0.50000	-12.812208	458.121994	-1.079517
-49.663056	0.472290	355.142463	
0.75000	-13.415533	481.468205	-1.079517
-72.431888	1.819915	-231.330795	
1.00000	-14.018858	504.814417	-1.079517
-95.200720	3.167540	-846.948521	

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ELEM 43 ========== LENGTH = 4.994012

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.971975	522.410817	-1.058782
-6.963869	2.135312	-847.032157	
0.25000	-14.570627	545.759952	-1.058782
-29.735314	3.457204	-1513.839	
0.50000	-15.169278	569.109088	-1.058782
-52.506760	4.779097	-2209.798	
0.75000	-15.767929	592.458223	-1.058782
-75.278205	6.100990	-2934.908	
1.00000	-16.366580	615.807359	-1.058782
-98.049651	7.422882	-3689.170	

ELEM 44 ========== LENGTH = 4.994668

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.614504	633.037196	-0.858747
-2.264823	5.980795	-3689.289	
0.25000	-17.217830	656.389161	-0.858747
-25.209259	7.053083	-4494.321	
0.50000	-17.821155	679.741126	-0.858747
-47.983695	8.125372	-5328.512	
0.75000	-18.424480	703.093091	-0.858747
-70.758131	9.197660	-6191.862	
1.00000	-19.027805	726.445056	-0.858747
-93.532567	10.269949	-7084.370	

ELEM 45 ========== LENGTH = 4.993331

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.351136	-601.759387	-0.369119
50.543566	7.120368	-7084.421	
0.25000	14.752485	-578.413439	-0.369119
27.775225	7.581151	-6347.797	
0.50000	14.153833	-555.067491	-0.369119
5.006884	8.041935	-5640.316	
0.75000	13.555182	-531.721543	-0.369119
-17.761457	8.502718	-4961.979	
1.00000	12.956531	-508.375596	-0.369119
-40.529797	8.963501	-4312.785	

ELEM 46 ========== LENGTH = 4.994116

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.665975	-491.280003	-0.184084
56.580236	6.629961	-4312.753	
0.25000	12.062650	-467.930621	-0.184084
33.808315	6.859796	-3713.952	
0.50000	11.459325	-444.581239	-0.184084
11.036395	7.089631	-3144.303	
0.75000	10.856000	-421.231856	-0.184084
-11.735525	7.319466	-2603.807	
1.00000	10.252675	-397.882474	-0.184084
-34.507445	7.549300	-2092.463	

ELEM 47 ========== LENGTH = 4.993891

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.692459	-380.142785	-0.151197
59.122731	5.064985	-2092.423	
0.25000	9.093808	-356.794215	-0.151197

36.351836 5.253750 -1632.400
0.50000 8.495156 -333.445645 -0.151197
13.580941 5.442516 -1201.527
0.75000 7.896505 -310.097075 -0.151197
-9.189954 5.631281 -799.804400
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REL DIST P V2 V3
T M2 M3
1.00000 7.297854 -286.748505 -0.151197
-31.960848 5.820047 -427.231674

ELEM 48 ========== LENGTH = 4.993782

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 6.833940 -268.925771 -0.163963
57.232822 3.333020 -427.193446
0.25000 6.230615 -245.577951 -0.163963
34.462423 3.537720 -106.028503
0.50000 5.627290 -222.230131 -0.163963
11.692025 3.742419 185.987959
0.75000 5.023965 -198.882312 -0.163963
-11.078374 3.947118 448.855938
1.00000 4.420640 -175.534492 -0.163963
-33.848772 4.151818 682.575436

ELEM 49 ========== LENGTH = 4.994669

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.879357 -157.821825 -0.298322
52.175524 1.780650 682.610972
0.25000 3.280705 -134.469612 -0.298322
29.401080 2.153155 865.098357
0.50000 2.682054 -111.117398 -0.298322
6.626636 2.525660 1018.427
0.75000 2.083403 -87.765184 -0.298322
-16.147807 2.898165 1142.596
1.00000 1.484751 -64.412970 -0.298322
-38.922251 3.270670 1237.606

ELEM 50 ========== LENGTH = 4.993666

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.030055 -46.688674 -0.426045
45.541228 1.066719 1237.619
0.25000 0.426730 -23.341396 -0.426045
22.771357 1.598601 1281.333
0.50000 -0.176595 0.005882 -0.426045
0.001486 2.130483 1295.899
0.75000 -0.779920 23.353160 -0.426045
-22.768384 2.662365 1281.318
1.00000 -1.383246 46.700437 -0.426045
-45.538255 3.194247 1237.590

ELEM 51 ========== LENGTH = 4.993670

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.786981 64.424063 -0.601037
38.933892 1.151052 1237.603
0.25000 -2.385632 87.771596 -0.601037
16.164007 1.901397 1142.601
0.50000 -2.984283 111.119130 -0.601037
-6.605879 2.651743 1018.452
0.75000 -3.582934 134.466664 -0.601037
-29.375764 3.402089 865.155256
1.00000 -4.181586 157.814198 -0.601037
-52.145649 4.152434 682.710996

ELEM 52 ========== LENGTH = 4.994775

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -4.589513 175.524407 -0.697043
34.021050 2.192096 682.717245
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REL DIST P V2 V3
T M2 M3
0.25000 -5.192838 198.876875 -0.697043
11.246124 3.062490 448.960967
0.50000 -5.796164 222.229343 -0.697043
-11.528802 3.932884 186.044606
0.75000 -6.399489 245.581812 -0.697043
-34.303728 4.803277 -106.031837
1.00000 -7.002814 268.934280 -0.697043
-57.078654 5.673671 -427.268362

ELEM 53 ========== LENGTH = 4.993881

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -7.321168 286.744454 -0.774722
32.109479 3.649227 -427.320303
0.25000 -7.919819 310.092978 -0.774722
9.338629 4.616445 -799.887203
0.50000 -8.518470 333.441501 -0.774722
-13.432220 5.583662 -1201.604
0.75000 -9.117122 356.790025 -0.774722
-36.203070 6.550880 -1632.471
1.00000 -9.715773 380.138549 -0.774722
-58.973919 7.518098 -2092.488

ELEM 54 ========== LENGTH = 4.994116

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -10.205175 397.873080 -0.738760
35.088316 5.243304 -2092.535
0.25000 -10.808500 421.222463 -0.738760
12.316396 6.165667 -2603.868
0.50000 -11.411825 444.571845 -0.738760
-10.455524 7.088030 -3144.352
0.75000 -12.015150 467.921227 -0.738760
-33.227444 8.010393 -3713.989
1.00000 -12.618475 491.270609 -0.738760
-55.999364 8.932755 -4312.779

ELEM 55 ========== LENGTH = 4.993357

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -13.103071 508.341065 -0.636200
41.118718 6.299850 -4312.808
0.25000 -13.706396 531.686892 -0.636200
18.350260 7.094044 -4961.961
0.50000 -14.309721 555.032720 -0.636200
-4.418198 7.888238 -5640.259
0.75000 -14.913046 578.378548 -0.636200
-27.186656 8.682432 -6347.700
1.00000 -15.516371 601.724375 -0.636200
-49.955114 9.476626 -7084.284

ELEM 56 ========== LENGTH = 4.994622

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 18.064675 -726.480415 -0.169213
92.729571 5.255192 -7084.785
0.25000 17.466024 -703.128423 -0.169213
69.955343 5.466480 -6192.241
0.50000 16.867372 -679.776431 -0.169213
47.181115 5.677769 -5328.855
0.75000 16.268721 -656.424439 -0.169213
24.406888 5.889057 -4494.628
1.00000 15.670070 -633.072447 -0.169213
1.632660 6.100346 -3689.559
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ELEM 57 ========== LENGTH = 4.994038

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 15.045506 -615.825065 0.100200
98.034224 2.645797 -3689.438
0.25000 14.442181 -592.476050 0.100200
75.262662 2.520697 -2935.150
0.50000 13.838855 -569.127035 0.100200
52.491099 2.395596 -2210.014
0.75000 13.235530 -545.778020 0.100200
29.719536 2.270496 -1514.029
1.00000 12.632205 -522.429005 0.100200
6.947973 2.145395 -847.195820

ELEM 58 ========== LENGTH = 4.993413

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 11.701946 -504.828845 0.178855
95.205871 -1.296443 -847.088176
0.25000 11.103295 -481.482513 0.178855
72.437156 -1.519717 -231.455686
0.50000 10.504643 -458.136182 0.178855
49.668441 -1.742992 355.032336
0.75000 9.905992 -434.789850 0.178855
26.899727 -1.966266 912.375888
1.00000 9.307341 -411.443518 0.178855
4.131012 -2.189541 1440.575

ELEM 59 ========== LENGTH = 4.993890

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 8.575160 -393.878050 0.141296
86.368186 -5.445631 1440.663
0.25000 7.971835 -370.529724 0.141296
63.597294 -5.622035 1917.834
0.50000 7.368510 -347.181397 0.141296
40.826402 -5.798440 2365.855
0.75000 6.765185 -323.833071 0.141296
18.055510 -5.974844 2784.727
1.00000 6.161860 -300.484744 0.141296
-4.715382 -6.151248 3174.449

ELEM 60 ========== LENGTH = 4.994401

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 5.379919 -282.909671 -0.032415
71.900969 -8.965205 3174.525
0.25000 4.781268 -259.558714 -0.032415
49.127749 -8.924732 3513.188
0.50000 4.182617 -236.207757 -0.032415
26.354530 -8.884258 3822.695
0.75000 3.583966 -212.856801 -0.032415
3.581311 -8.843784 4103.047
1.00000 2.985314 -189.505844 -0.032415
-19.191909 -8.803311 4354.242

ELEM 61 ========== LENGTH = 4.994022

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 2.420252 -171.672285 -0.150522
53.798014 -11.132852 4354.275
0.25000 1.816927 -148.323345 -0.150522
31.026525 -10.944924 4554.033
0.50000 1.213602 -124.974405 -0.150522
8.255035 -10.756996 4724.640
0.75000 0.610277 -101.625465 -0.150522
-14.516455 -10.569068 4866.096
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REL DIST P V2 V3
T M2 M3
1.00000 0.006952 -78.276525 -0.150522
-37.287944 -10.381141 4978.400

ELEM 62 ========== LENGTH = 4.993649

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.456803 -60.723037 -0.304816
32.190334 -12.163315 4978.402
0.25000 -1.055455 -37.375601 -0.304816
9.420544 -11.782779 5039.636
0.50000 -1.654106 -14.028165 -0.304816
-13.349246 -11.402243 5071.722
0.75000 -2.252757 9.319271 -0.304816
-36.119036 -11.021708 5074.662
1.00000 -2.851408 32.666706 -0.304816
-58.888826 -10.641172 5048.454

ELEM 63 ========== LENGTH = 4.994341

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -3.153690 50.133412 -0.451156
10.259561 -11.925592 5048.415
0.25000 -3.757015 73.483848 -0.451156
-12.513385 -11.362285 4971.242
0.50000 -4.360341 96.834283 -0.451156
-35.286331 -10.798978 4864.913
0.75000 -4.963666 120.184718 -0.451156
-58.059277 -10.235671 4729.430
1.00000 -5.566991 143.535153 -0.451156
-80.832223 -9.672365 4564.792

ELEM 64 ========== LENGTH = 4.994034

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -5.707286 161.969766 -0.729552
-8.549453 -10.585260 4564.685
0.25000 -6.305937 185.319006 -0.729552
-31.321000 -9.674408 4347.889
0.50000 -6.904588 208.668246 -0.729552
-54.092548 -8.763556 4101.941
0.75000 -7.503240 232.017486 -0.729552
-76.864095 -7.852704 3826.841
1.00000 -8.101891 255.366726 -0.729552
-99.635642 -6.941852 3522.589

ELEM 65 ========== LENGTH = 4.993930

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.140990 272.357851 -0.977834
-30.712768 -7.281381 3522.428
0.25000 -8.744315 295.706362 -0.977834
-53.483840 -6.060572 3167.819
0.50000 -9.347640 319.054874 -0.977834
-76.254913 -4.839764 2784.060
0.75000 -9.950965 342.403386 -0.977834
-99.025985 -3.618956 2371.150
1.00000 -10.554290 365.751897 -0.977834
-121.797057 -2.398148 1929.090

ELEM 66 ========== LENGTH = 4.494779

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 -10.416898 387.092014 -0.907517
-36.220682 -2.763402 1928.934
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REL DIST P V2 V3
T M2 M3
0.25000 -10.954749 408.107072 -0.907517
-56.715750 -1.743631 1482.154
0.50000 -11.492601 429.122130 -0.907517
-77.210818 -0.723859 1011.759
0.75000 -12.030452 450.137188 -0.907517
-97.705887 0.295913 517.749313
1.00000 -12.568303 471.152246 -0.907517
-118.200955 1.315685 0.125267

ELEM 67 ========== LENGTH = 4.004997

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 0.113226 3.893503 0.486933
-0.004971 1.040483 -37.780744
0.48408 0.113226 3.893503 0.486933
-0.004971 0.705109 -40.462391
0.65606 0.113226 3.893503 0.486933
-0.004971 0.369734 -43.144037
0.82803 0.113226 3.893503 0.486933
-0.004971 0.034359 -45.825684
1.00000 0.113226 3.893503 0.486933
-0.004971 -0.301016 -48.507331

ELEM 68 ========== LENGTH = 4.004942

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.054233 17.394193 0.497743
0.004106 0.327036 -48.491018
0.17197 1.054233 17.394193 0.497743
0.004106 -0.015778 -60.471016
0.34394 1.054233 17.394193 0.497743
0.004106 -0.358591 -72.451013
0.51591 1.054233 17.394193 0.497743
0.004106 -0.701405 -84.431011
0.68789 1.054233 17.394193 0.497743
0.004106 -1.044218 -96.411009

ELEM 69 ========== LENGTH = 4.004358

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31216 -0.831860 -17.174106 0.571116
0.000471 1.080327 -53.106660
0.48412 -0.831860 -17.174106 0.571116
0.000471 0.687062 -41.280750
0.65608 -0.831860 -17.174106 0.571116
0.000471 0.293797 -29.454840
0.82804 -0.831860 -17.174106 0.571116
0.000471 -0.099468 -17.628930
1.00000 -0.831860 -17.174106 0.571116
0.000471 -0.492732 -5.803019

ELEM 70 ========== LENGTH = 4.005356

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.992851 21.344105 0.564456
-0.001101 0.496586 -5.812022
0.17198 0.992851 21.344105 0.564456
-0.001101 0.107767 -20.514672
0.34396 0.992851 21.344105 0.564456
-0.001101 -0.281052 -35.217322
0.51594 0.992851 21.344105 0.564456
-0.001101 -0.669871 -49.919973
0.68792 0.992851 21.344105 0.564456
-0.001101 -1.058691 -64.622623
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ELEM 71 ========== LENGTH = 4.004657

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31214 -0.927573 -15.582335 0.432482
-0.000431 0.830799 -56.550886
0.48410 -0.927573 -15.582335 0.432482
-0.000431 0.532965 -45.819891
0.65607 -0.927573 -15.582335 0.432482
-0.000431 0.235130 -35.088896
0.82803 -0.927573 -15.582335 0.432482
-0.000431 -0.062704 -24.357901
1.00000 -0.927573 -15.582335 0.432482
-0.000431 -0.360539 -13.626906

ELEM 72 ========== LENGTH = 4.005702

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.657228 16.990311 0.420689
-2.95E-05 0.358769 -13.607007
0.17199 0.657228 16.990311 0.420689
-2.95E-05 0.068946 -25.312067
0.34397 0.657228 16.990311 0.420689
-2.95E-05 -0.220877 -37.017127
0.51596 0.657228 16.990311 0.420689
-2.95E-05 -0.510701 -48.722188
0.68794 0.657228 16.990311 0.420689
-2.95E-05 -0.800524 -60.427248

ELEM 73 ========== LENGTH = 4.005049

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 -1.050769 -17.991573 0.286281
-0.000100 0.548728 -62.722245
0.48408 -1.050769 -17.991573 0.286281
-0.000100 0.351548 -50.330329
0.65605 -1.050769 -17.991573 0.286281
-0.000100 0.154369 -37.938414
0.82803 -1.050769 -17.991573 0.286281
-0.000100 -0.042810 -25.546499
1.00000 -1.050769 -17.991573 0.286281
-0.000100 -0.239990 -13.154583

ELEM 74 ========== LENGTH = 4.005049

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.719323 18.445381 0.269875
-0.000180 0.232297 -13.151378
0.17197 0.719323 18.445381 0.269875
-0.000180 0.046417 -25.855859
0.34395 0.719323 18.445381 0.269875
-0.000180 -0.139463 -38.560340
0.51592 0.719323 18.445381 0.269875
-0.000180 -0.325343 -51.264821
0.68789 0.719323 18.445381 0.269875
-0.000180 -0.511223 -63.969302

ELEM 75 ========== LENGTH = 4.005442

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31208 -0.931129 -17.648124 0.137358
-5.92E-05 0.265592 -64.042799
0.48406 -0.931129 -17.648124 0.137358
-5.92E-05 0.170971 -51.885704
0.65604 -0.931129 -17.648124 0.137358
-5.92E-05 0.076350 -39.728609
0.82802 -0.931129 -17.648124 0.137358
-5.92E-05 -0.018271 -27.571513
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REL DIST P V2 V3
T M2 M3
1.00000 -0.931129 -17.648124 0.137358
-5.92E-05 -0.112891 -15.414418

ELEM 76 ========== LENGTH = 4.004486

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.773651 17.480106 0.120686
-5.72E-05 0.104936 -15.412230
0.17196 0.773651 17.480106 0.120686
-5.72E-05 0.021829 -27.449404
0.34393 0.773651 17.480106 0.120686
-5.72E-05 -0.061278 -39.486579
0.51589 0.773651 17.480106 0.120686

-5.72E-05 -0.144385 -51.523754
0.68785 0.773651 17.480106 0.120686
-5.72E-05 -0.227492 -63.560929

ELEM 77 ========== LENGTH = 4.004924

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31212 -0.968922 -17.689484 -0.016997
4.59E-05 -0.029623 -64.936819
0.48409 -0.968922 -17.689484 -0.016997
4.59E-05 -0.017917 -52.753523
0.65606 -0.968922 -17.689484 -0.016997
4.59E-05 -0.006210 -40.570226
0.82803 -0.968922 -17.689484 -0.016997
4.59E-05 0.005496 -28.386929
1.00000 -0.968922 -17.689484 -0.016997
4.59E-05 0.017202 -16.203633

ELEM 78 ========== LENGTH = 4.004963

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.740975 17.536032 -0.032763
-5.23E-06 -0.023831 -16.208704
0.17197 0.740975 17.536032 -0.032763
-5.23E-06 -0.001266 -28.286482
0.34394 0.740975 17.536032 -0.032763
-5.23E-06 0.021299 -40.364260
0.51592 0.740975 17.536032 -0.032763
-5.23E-06 0.043864 -52.442038
0.68789 0.740975 17.536032 -0.032763
-5.23E-06 0.066429 -64.519815

ELEM 79 ========== LENGTH = 4.005447

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31208 -0.950675 -17.718168 -0.162501
0.000139 -0.306856 -65.270096
0.48406 -0.950675 -17.718168 -0.162501
0.000139 -0.194915 -53.064729
0.65604 -0.950675 -17.718168 -0.162501
0.000139 -0.082974 -40.859362
0.82802 -0.950675 -17.718168 -0.162501
0.000139 0.028967 -28.653995
1.00000 -0.950675 -17.718168 -0.162501
0.000139 0.140908 -16.448629

ELEM 80 ========== LENGTH = 4.004449

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.778623 17.800964 -0.175854
4.48E-05 -0.144212 -16.465781
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REL DIST P V2 V3
T M2 M3
0.17196 0.778623 17.800964 -0.175854
4.48E-05 -0.023117 -28.723741
0.34392 0.778623 17.800964 -0.175854
4.48E-05 0.097978 -40.981702
0.51589 0.778623 17.800964 -0.175854
4.48E-05 0.219073 -53.239662
0.68785 0.778623 17.800964 -0.175854
4.48E-05 0.340168 -65.497622

ELEM 81 ========== LENGTH = 4.004982

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.993954 -17.196407 -0.291212
0.000210 -0.552218 -64.419864
0.48408 -0.993954 -17.196407 -0.291212
0.000210 -0.351646 -52.575917
0.65606 -0.993954 -17.196407 -0.291212
0.000210 -0.151075 -40.731970
0.82803 -0.993954 -17.196407 -0.291212
0.000210 0.049496 -28.888023
1.00000 -0.993954 -17.196407 -0.291212
0.000210 0.250067 -17.044075

ELEM 82 ========== LENGTH = 4.005013

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.706212 17.561207 -0.299590
9.43E-05 -0.246794 -17.070900
0.17197 0.706212 17.561207 -0.299590
9.43E-05 -0.040450 -29.116241
0.34395 0.706212 17.561207 -0.299590
9.43E-05 0.165894 -41.261581
0.51592 0.706212 17.561207 -0.299590
9.43E-05 0.372237 -53.356922
0.68789 0.706212 17.561207 -0.299590
9.43E-05 0.578581 -65.452263

ELEM 83 ========== LENGTH = 4.005621

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31206 -0.921378 -17.367716 -0.380712
0.000252 -0.723780 -64.406135
0.48405 -0.921378 -17.367716 -0.380712
0.000252 -0.461506 -52.441426
0.65603 -0.921378 -17.367716 -0.380712
0.000252 -0.199231 -40.476716
0.82802 -0.921378 -17.367716 -0.380712
0.000252 0.063044 -28.512007
1.00000 -0.921378 -17.367716 -0.380712
0.000252 0.325318 -16.547298

ELEM 84 ========== LENGTH = 4.004594

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.806269 17.543928 -0.383572
0.000130 -0.314366 -16.598549
0.17196 0.806269 17.543928 -0.383572
0.000130 -0.050220 -28.680148
0.34393 0.806269 17.543928 -0.383572
0.000130 0.213926 -40.761748
0.51589 0.806269 17.543928 -0.383572
0.000130 0.478072 -52.843347
0.68786 0.806269 17.543928 -0.383572
0.000130 0.742219 -64.924947
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FRAME ELEMENT INTERNAL FORCES

ELEM 85 ========== LENGTH = 4.004248

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31217 -0.899893 -18.263605 -0.398176
0.000204 -0.755218 -65.391387
0.48413 -0.899893 -18.263605 -0.398176
0.000204 -0.481048 -52.815762
0.65608 -0.899893 -18.263605 -0.398176
0.000204 -0.206879 -40.240136
0.82804 -0.899893 -18.263605 -0.398176
0.000204 0.067290 -27.664510
1.00000 -0.899893 -18.263605 -0.398176
0.000204 0.341459 -15.088884

ELEM 86 ========== LENGTH = 4.005272

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.901415 17.566112 -0.391795
0.000179 -0.318632 -15.159245
0.17198 0.901415 17.566112 -0.391795
0.000179 -0.048757 -27.259098
0.34396 0.901415 17.566112 -0.391795
0.000179 0.221119 -39.358951
0.51593 0.901415 17.566112 -0.391795
0.000179 0.490994 -51.458804
0.68791 0.901415 17.566112 -0.391795
0.000179 0.760870 -63.558657

ELEM 87 ========== LENGTH = 4.004943

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.763613 -18.574373 -0.330970
0.000229 -0.623523 -65.237541
0.48409 -0.763613 -18.574373 -0.330970
0.000229 -0.395572 -52.444705
0.65606 -0.763613 -18.574373 -0.330970
0.000229 -0.167622 -39.651870
0.82803 -0.763613 -18.574373 -0.330970
0.000229 0.060329 -26.859034
1.00000 -0.763613 -18.574373 -0.330970
0.000229 0.288280 -14.066199

ELEM 88 ========== LENGTH = 4.004943

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.061671 17.199036 -0.315202
7.82E-05 -0.252550 -14.163066
0.17197 1.061671 17.199036 -0.315202
7.82E-05 -0.035459 -26.008658
0.34394 1.061671 17.199036 -0.315202
7.82E-05 0.181632 -37.854249
0.51591 1.061671 17.199036 -0.315202
7.82E-05 0.398722 -49.699841
0.68789 1.061671 17.199036 -0.315202
7.82E-05 0.615813 -61.545433

ELEM 89 ========== LENGTH = 4.005680

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31206 -0.760940 -20.251510 -0.203596
0.000187 -0.373183 -105.929456
0.48404 -0.760940 -20.251510 -0.203596
0.000187 -0.232922 -91.977783
0.65603 -0.760940 -20.251510 -0.203596
0.000187 -0.092661 -78.026110
0.82801 -0.760940 -20.251510 -0.203596
0.000187 0.047601 -64.074437
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REL DIST P V2 V3
T M2 M3
1.00000 -0.760940 -20.251510 -0.203596
0.000187 0.187862 -50.122764

ELEM 90 ========== LENGTH = 4.004664

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.172979 17.488440 -0.174016
4.09E-05 -0.133306 -50.231437
0.17197 1.172979 17.488440 -0.174016
4.09E-05 -0.013467 -62.275130
0.34393 1.172979 17.488440 -0.174016
4.09E-05 0.106372 -74.318822
0.51590 1.172979 17.488440 -0.174016
4.09E-05 0.226211 -86.362514
0.68786 1.172979 17.488440 -0.174016
4.09E-05 0.346050 -98.406206

ELEM 91 ========== LENGTH = 4.005461

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31207 -0.743873 -17.855187 -0.067166
3.72E-05 -0.113533 -64.075452
0.48406 -0.743873 -17.855187 -0.067166
3.72E-05 -0.067264 -51.775632
0.65604 -0.743873 -17.855187 -0.067166
3.72E-05 -0.020995 -39.475813
0.82802 -0.743873 -17.855187 -0.067166
3.72E-05 0.025273 -27.175994
1.00000 -0.743873 -17.855187 -0.067166
3.72E-05 0.071542 -14.876174

ELEM 92 ========== LENGTH = 4.004448

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.038898 17.066831 -0.050424
3.18E-05 -0.034077 -14.958791
0.17196 1.038898 17.066831 -0.050424
3.18E-05 0.000646 -26.711214
0.34392 1.038898 17.066831 -0.050424
3.18E-05 0.035368 -38.463638
0.51589 1.038898 17.066831 -0.050424
3.18E-05 0.070091 -50.216061
0.68785 1.038898 17.066831 -0.050424
3.18E-05 0.104813 -61.968485

ELEM 93 ========== LENGTH = 4.004274

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31217 -0.885996 -17.974751 0.018802
2.21E-05 0.047661 -64.991553
0.48412 -0.885996 -17.974751 0.018802
2.21E-05 0.034715 -52.614706
0.65608 -0.885996 -17.974751 0.018802
2.21E-05 0.021768 -40.237858
0.82804 -0.885996 -17.974751 0.018802
2.21E-05 0.008822 -27.861011
1.00000 -0.885996 -17.974751 0.018802
2.21E-05 -0.004125 -15.484164

ELEM 94 ========== LENGTH = 4.005273

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.919230 17.724432 0.026646
-2.93E-05 0.029903 -15.548379
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.17198 0.919230 17.724432 0.026646
-2.93E-05 0.011548 -27.757290
0.34396 0.919230 17.724432 0.026646
-2.93E-05 -0.006807 -39.966201
0.51593 0.919230 17.724432 0.026646
-2.93E-05 -0.025161 -52.175112
0.68791 0.919230 17.724432 0.026646
-2.93E-05 -0.043516 -64.384023

ELEM 95 ========== LENGTH = 4.004134

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31218 -0.900718 -17.657112 0.060489
3.50E-06 0.125924 -65.118297
0.48413 -0.900718 -17.657112 0.060489
3.50E-06 0.084275 -52.960784
0.65609 -0.900718 -17.657112 0.060489
3.50E-06 0.042627 -40.803270
0.82804 -0.900718 -17.657112 0.060489
3.50E-06 0.000978 -28.645756
1.00000 -0.900718 -17.657112 0.060489
3.50E-06 -0.040671 -16.488243

ELEM 96 ========== LENGTH = 4.005141

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.877821 17.807168 0.061485
-5.40E-05 0.057434 -16.537638
0.17198 0.877821 17.807168 0.061485
-5.40E-05 0.015084 -28.802953
0.34395 0.877821 17.807168 0.061485
-5.40E-05 -0.027266 -41.068269
0.51593 0.877821 17.807168 0.061485
-5.40E-05 -0.069615 -53.333584
0.68790 0.877821 17.807168 0.061485
-5.40E-05 -0.111965 -65.598900

ELEM 97 ========== LENGTH = 4.005047

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.994984 -17.392564 0.055313
-2.63E-05 0.114212 -65.349491
0.48408 -0.994984 -17.392564 0.055313
-2.63E-05 0.076114 -53.370158
0.65605 -0.994984 -17.392564 0.055313
-2.63E-05 0.038017 -41.390826
0.82803 -0.994984 -17.392564 0.055313
-2.63E-05 -8.06E-05 -29.411494
1.00000 -0.994984 -17.392564 0.055313
-2.63E-05 -0.038178 -17.432162

ELEM 98 ========== LENGTH = 4.005052

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.751213 17.705277 0.052011
-2.77E-05 0.049243 -17.471740
0.17197 0.751213 17.705277 0.052011
-2.77E-05 0.013420 -29.666480
0.34395 0.751213 17.705277 0.052011
-2.77E-05 -0.022403 -41.861219
0.51592 0.751213 17.705277 0.052011
-2.77E-05 -0.058226 -54.055959
0.68789 0.751213 17.705277 0.052011
-2.77E-05 -0.094049 -66.250698
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FRAME ELEMENT INTERNAL FORCES

ELEM 99 ========== LENGTH = 4.005001

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.981301 -17.405239 0.016438
-9.30E-06 0.038381 -65.675883
0.48408 -0.981301 -17.405239 0.016438
-9.30E-06 0.027059 -53.688019
0.65605 -0.981301 -17.405239 0.016438
-9.30E-06 0.015737 -41.700154
0.82803 -0.981301 -17.405239 0.016438
-9.30E-06 0.004415 -29.712290
1.00000 -0.981301 -17.405239 0.016438
-9.30E-06 -0.006907 -17.724426

ELEM 100 ========== LENGTH = 4.005003

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.758420 17.714391 0.011155
-1.51E-05 0.015334 -17.759213
0.17197 0.758420 17.714391 0.011155
-1.51E-05 0.007650 -29.960013
0.34395 0.758420 17.714391 0.011155
-1.51E-05 -3.30E-05 -42.160813
0.51592 0.758420 17.714391 0.011155
-1.51E-05 -0.007716 -54.361613
0.68789 0.758420 17.714391 0.011155
-1.51E-05 -0.015400 -66.562412

ELEM 101 ========== LENGTH = 4.005003

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 -1.028758 -17.407458 -0.034631
1.01E-05 -0.060139 -65.684820
0.48408 -1.028758 -17.407458 -0.034631
1.01E-05 -0.036287 -53.695421
0.65605 -1.028758 -17.407458 -0.034631
1.01E-05 -0.012435 -41.706021
0.82803 -1.028758 -17.407458 -0.034631
1.01E-05 0.011418 -29.716621
1.00000 -1.028758 -17.407458 -0.034631
1.01E-05 0.035270 -17.727221

ELEM 102 ========== LENGTH = 4.005001

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.711047 17.714708 -0.039553
3.33E-06 -0.026406 -17.764173
0.17197 0.711047 17.714708 -0.039553
3.33E-06 0.000836 -29.965184
0.34395 0.711047 17.714708 -0.039553
3.33E-06 0.028079 -42.166196
0.51592 0.711047 17.714708 -0.039553
3.33E-06 0.055321 -54.367207
0.68789 0.711047 17.714708 -0.039553
3.33E-06 0.082564 -66.568219

ELEM 103 ========== LENGTH = 4.005047

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.956719 -17.393468 -0.075807
2.73E-05 -0.139288 -65.372952
0.48408 -0.956719 -17.393468 -0.075807
2.73E-05 -0.087075 -53.392997
0.65605 -0.956719 -17.393468 -0.075807
2.73E-05 -0.034862 -41.413043
0.82803 -0.956719 -17.393468 -0.075807
2.73E-05 0.017351 -29.433089
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
1.00000 -0.956719 -17.393468 -0.075807
2.73E-05 0.069564 -17.453134

ELEM 104 ========== LENGTH = 4.005042

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.789025 17.697539 -0.078227
1.37E-05 -0.057406 -17.495775
0.17197 0.789025 17.697539 -0.078227
1.37E-05 -0.003527 -29.685141
0.34395 0.789025 17.697539 -0.078227
1.37E-05 0.050353 -41.874506
0.51592 0.789025 17.697539 -0.078227
1.37E-05 0.104233 -54.063871
0.68789 0.789025 17.697539 -0.078227
1.37E-05 0.158113 -66.253237

ELEM 105 ========== LENGTH = 4.004134

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.31218 -0.966307 -17.665614 -0.085536
-5.11E-06 -0.157543 -65.171487
0.48413 -0.966307 -17.665614 -0.085536
-5.11E-06 -0.098648 -53.008120
0.65609 -0.966307 -17.665614 -0.085536
-5.11E-06 -0.039754 -40.844753
0.82804 -0.966307 -17.665614 -0.085536
-5.11E-06 0.019141 -28.681385
1.00000 -0.966307 -17.665614 -0.085536
-5.11E-06 0.078036 -16.518018

ELEM 106 ========== LENGTH = 4.005141

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.811960 17.794120 -0.083268
4.41E-05 -0.059726 -16.573461
0.17198 0.811960 17.794120 -0.083268
4.41E-05 -0.002373 -28.829789
0.34395 0.811960 17.794120 -0.083268

4.41E-05	0.054981	-41.086117	
0.51593	0.811960	17.794120	-0.083268
4.41E-05	0.112335	-53.342445	
0.68790	0.811960	17.794120	-0.083268
4.41E-05	0.169688	-65.598774	

ELEM 107 ========== LENGTH = 4.005261

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31209	-0.883397	-17.982205	-0.050308
-2.29E-05	-0.088420	-65.056090	
0.48407	-0.883397	-17.982205	-0.050308
-2.29E-05	-0.053766	-52.669673	
0.65604	-0.883397	-17.982205	-0.050308
-2.29E-05	-0.019113	-40.283256	
0.82802	-0.883397	-17.982205	-0.050308
-2.29E-05	0.015540	-27.896839	
1.00000	-0.883397	-17.982205	-0.050308
-2.29E-05	0.050193	-15.510422	

ELEM 108 ========== LENGTH = 4.005273

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.921626	17.717324	-0.041827
1.83E-05	-0.023495	-15.581467	

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FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.17198	0.921626	17.717324	-0.041827
1.83E-05	0.005316	-27.785482	
0.34396	0.921626	17.717324	-0.041827
1.83E-05	0.034128	-39.989496	
0.51593	0.921626	17.717324	-0.041827
1.83E-05	0.062939	-52.193510	
0.68791	0.921626	17.717324	-0.041827
1.83E-05	0.091751	-64.397525	

ELEM 109 ========== LENGTH = 4.005446

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31208	-0.827510	-17.866869	0.027576
-3.60E-05	0.061422	-64.193033	
0.48406	-0.827510	-17.866869	0.027576
-3.60E-05	0.042426	-51.885234	
0.65604	-0.827510	-17.866869	0.027576
-3.60E-05	0.023431	-39.577434	
0.82802	-0.827510	-17.866869	0.027576
-3.60E-05	0.004435	-27.269635	
1.00000	-0.827510	-17.866869	0.027576
-3.60E-05	-0.014561	-14.961836	

ELEM 110 ========== LENGTH = 4.004448

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.955172	17.050851	0.043702
-4.43E-05	0.051579	-15.040010	
0.17196	0.955172	17.050851	0.043702
-4.43E-05	0.021485	-26.781430	
0.34392	0.955172	17.050851	0.043702
-4.43E-05	-0.008609	-38.522849	
0.51589	0.955172	17.050851	0.043702
-4.43E-05	-0.038702	-50.264268	
0.68785	0.955172	17.050851	0.043702
-4.43E-05	-0.068796	-62.005688	

ELEM 111 ========== LENGTH = 4.004664

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31214	-0.766568	-20.311247	0.152141
-0.000190	0.304488	-106.339686	
0.48410	-0.766568	-20.311247	0.152141
-0.000190	0.199714	-92.352023	
0.65607	-0.766568	-20.311247	0.152141
-0.000190	0.094939	-78.364360	
0.82803	-0.766568	-20.311247	0.152141
-0.000190	-0.009835	-64.376697	
1.00000	-0.766568	-20.311247	0.152141
-0.000190	-0.114610	-50.389034	

ELEM 112 ========== LENGTH = 4.004664

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.168214	17.434389	0.180131
-5.13E-05	0.167664	-50.476285	
0.17197	1.168214	17.434389	0.180131
-5.13E-05	0.043614	-62.482754	
0.34393	1.168214	17.434389	0.180131
-5.13E-05	-0.080437	-74.489223	
0.51590	1.168214	17.434389	0.180131
-5.13E-05	-0.204487	-86.495691	
0.68786	1.168214	17.434389	0.180131
-5.13E-05	-0.328537	-98.502160	

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FRAME ELEMENT INTERNAL FORCES

ELEM 113 ========== LENGTH = 4.005920

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31204	-0.692178	-18.552390	0.293899
-0.000234	0.575497	-65.225511	
0.48403	-0.692178	-18.552390	0.293899
-0.000234	0.373006	-52.443285	
0.65602	-0.692178	-18.552390	0.293899
-0.000234	0.170516	-39.661059	
0.82801	-0.692178	-18.552390	0.293899
-0.000234	-0.031975	-26.878833	
1.00000	-0.692178	-18.552390	0.293899
-0.000234	-0.234466	-14.096607	

ELEM 114 ========== LENGTH = 4.004943

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.133439	17.222773	0.307745
-8.53E-05	0.268326	-14.166455	
0.17197	1.133439	17.222773	0.307745
-8.53E-05	0.056371	-26.028396	
0.34394	1.133439	17.222773	0.307745
-8.53E-05	-0.155584	-37.890336	
0.51591	1.133439	17.222773	0.307745
-8.53E-05	-0.367538	-49.752276	
0.68789	1.133439	17.222773	0.307745
-8.53E-05	-0.579493	-61.614216	

ELEM 115 ========== LENGTH = 4.005247

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31209	-0.840369	-18.238405	0.371779
-0.000204	0.722601	-65.362998	
0.48407	-0.840369	-18.238405	0.371779
-0.000204	0.466516	-52.800171	
0.65605	-0.840369	-18.238405	0.371779
-0.000204	0.210430	-40.237345	
0.82802	-0.840369	-18.238405	0.371779
-0.000204	-0.045656	-27.674519	
1.00000	-0.840369	-18.238405	0.371779
-0.000204	-0.301741	-15.111692	

ELEM 116 ========== LENGTH = 4.004248

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.961919	17.591974	0.375344
-0.000192	0.321806	-15.156278	
0.17196	0.961919	17.591974	0.375344
-0.000192	0.063358	-27.269444	
0.34392	0.961919	17.591974	0.375344
-0.000192	-0.195090	-39.382610	
0.51587	0.961919	17.591974	0.375344
-0.000192	-0.453538	-51.495775	
0.68783	0.961919	17.591974	0.375344
-0.000192	-0.711986	-63.608941	

ELEM 117 ========== LENGTH = 4.004594

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31214	-0.883371	-17.352643	0.364036
-0.000257	0.704910	-64.379333	
0.48411	-0.883371	-17.352643	0.364036
-0.000257	0.454217	-52.429461	
0.65607	-0.883371	-17.352643	0.364036
-0.000257	0.203523	-40.479590	
0.82804	-0.883371	-17.352643	0.364036
-0.000257	-0.047170	-28.529718	

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REL DIST T	P M2	V2 M3	V3
1.00000	-0.883371	-17.352643	0.364036
-0.000257	-0.297863	-16.579847	

ELEM 118 ========== LENGTH = 4.004594

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.844967	17.558485	0.359108
-0.000137	0.306802	-16.595072	
0.17196	0.844967	17.558485	0.359108
-0.000137	0.059533	-28.686697	
0.34393	0.844967	17.558485	0.359108
-0.000137	-0.187796	-40.778321	
0.51589	0.844967	17.558485	0.359108
-0.000137	-0.435095	-52.869946	
0.68786	0.844967	17.558485	0.359108
-0.000137	-0.682394	-64.961570	

ELEM 119 ========== LENGTH = 4.005013

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31211	-0.990325	-17.184073	0.280662
-0.000208	0.542384	-64.415971	
0.48408	-0.990325	-17.184073	0.280662
-0.000208	0.349078	-52.580383	
0.65605	-0.990325	-17.184073	0.280662
-0.000208	0.155771	-40.744795	
0.82803	-0.990325	-17.184073	0.280662
-0.000208	-0.037536	-28.909207	
1.00000	-0.990325	-17.184073	0.280662
-0.000208	-0.230843	-17.073619	

ELEM 120 ========== LENGTH = 4.004982

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.710781	17.575455	0.270090
-0.000108	0.232107	-17.076645	
0.17197	0.710781	17.575455	0.270090
-0.000108	0.046085	-29.181660	
0.34394	0.710781	17.575455	0.270090
-0.000108	-0.139938	-41.286675	
0.51592	0.710781	17.575455	0.270090
-0.000108	-0.325961	-53.391690	
0.68789	0.710781	17.575455	0.270090
-0.000108	-0.511984	-65.496705	

ELEM 121 ========== LENGTH = 4.004449

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31215	-0.949965	-17.689904	0.156718
-0.000142	0.303873	-65.198059	
0.48411	-0.949965	-17.689904	0.156718
-0.000142	0.195955	-53.016576	
0.65608	-0.949965	-17.689904	0.156718
-0.000142	0.088036	-40.835093	
0.82804	-0.949965	-17.689904	0.156718
-0.000142	-0.019882	-28.653610	
1.00000	-0.949965	-17.689904	0.156718
-0.000142	-0.127800	-16.472127	

ELEM 122 ========== LENGTH = 4.005447

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.779570	17.825897	0.142854
-5.21E-05	0.124431	-16.474807	

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FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.17198	0.779570	17.825897	0.142854
-5.21E-05	0.026024	-28.754385	
0.34396	0.779570	17.825897	0.142854
-5.21E-05	-0.072383	-41.033962	
0.51594	0.779570	17.825897	0.142854
-5.21E-05	-0.170790	-53.313540	
0.68792	0.779570	17.825897	0.142854
-5.21E-05	-0.269197	-65.593117	

ELEM 123 ========== LENGTH = 4.004924

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31212	-0.980936	-17.688678	0.012667
-4.64E-05	0.028726	-64.939476	
0.48409	-0.980936	-17.688678	0.012667
-4.64E-05	0.020002	-52.756735	
0.65606	-0.980936	-17.688678	0.012667
-4.64E-05	0.011277	-40.573993	
0.82803	-0.980936	-17.688678	0.012667
-4.64E-05	0.002553	-28.391252	
1.00000	-0.980936	-17.688678	0.012667
-4.64E-05	-0.006171	-16.208510	

ELEM 124 ========== LENGTH = 4.004924

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.729640	17.544663	-0.001070
-6.90E-06	0.002383	-16.212584	
0.17197	0.729640	17.544663	-0.001070
-6.90E-06	0.003120	-28.296138	
0.34394	0.729640	17.544663	-0.001070
-6.90E-06	0.003857	-40.379693	
0.51591	0.729640	17.544663	-0.001070
-6.90E-06	0.004594	-52.463247	
0.68788	0.729640	17.544663	-0.001070
-6.90E-06	0.005330	-64.546802	

ELEM 125 ========== LENGTH = 4.005483

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31207	-0.971950	-17.668418	-0.142054
6.07E-05	-0.267294	-64.106990	
0.48405	-0.971950	-17.668418	-0.142054
6.07E-05	-0.169437	-51.935731	
0.65604	-0.971950	-17.668418	-0.142054
6.07E-05	-0.071581	-39.764473	
0.82802	-0.971950	-17.668418	-0.142054
6.07E-05	0.026276	-27.593214	
1.00000	-0.971950	-17.668418	-0.142054
6.07E-05	0.124133	-15.421956	

ELEM 126 ========== LENGTH = 4.004444

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.732493	17.454281	-0.154177
4.55E-05	-0.126248	-15.431833	
0.17196	0.732493	17.454281	-0.154177
4.55E-05	-0.020080	-27.451043	
0.34392	0.732493	17.454281	-0.154177
4.55E-05	0.086088	-39.470253	
0.51589	0.732493	17.454281	-0.154177
4.55E-05	0.192256	-51.489463	
0.68785	0.732493	17.454281	-0.154177
4.55E-05	0.298424	-63.508673	

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FRAME ELEMENT INTERNAL FORCES

ELEM 127 ========== LENGTH = 4.004051

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31218	-1.122281	-18.012560	-0.293629
9.69E-05	-0.554902	-62.738728	
0.48414	-1.122281	-18.012560	-0.293629
9.69E-05	-0.352735	-50.336851	
0.65609	-1.122281	-18.012560	-0.293629
9.69E-05	-0.150567	-37.934973	
0.82805	-1.122281	-18.012560	-0.293629
9.69E-05	0.051600	-25.533095	
1.00000	-1.122281	-18.012560	-0.293629
9.69E-05	0.253767	-13.131217	

ELEM 128 ========== LENGTH = 4.005049

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.647889	18.422411	-0.301839
0.000173	-0.251616	-13.152630	
0.17197	0.647889	18.422411	-0.301839
0.000173	-0.043721	-25.841290	
0.34395	0.647889	18.422411	-0.301839
0.000173	0.164175	-38.529951	
0.51592	0.647889	18.422411	-0.301839
0.000173	0.372070	-51.218611	
0.68789	0.647889	18.422411	-0.301839
0.000173	0.579966	-63.907272	

ELEM 129 ========== LENGTH = 4.004705

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31213	-0.979501	-15.598944	-0.445787
0.000435	-0.846572	-56.575669	
0.48410	-0.979501	-15.598944	-0.445787
0.000435	-0.539569	-45.833047	
0.65607	-0.979501	-15.598944	-0.445787
0.000435	-0.232567	-35.090425	
0.82803	-0.979501	-15.598944	-0.445787
0.000435	0.074436	-24.347803	
1.00000	-0.979501	-15.598944	-0.445787
0.000435	0.381438	-13.605182	

ELEM 130 ========== LENGTH = 4.005654

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.604945	16.977743	-0.448041
1.61E-05	-0.371933	-13.623250	
0.17199	0.604945	16.977743	-0.448041
1.61E-05	-0.063272	-25.319447	
0.34397	0.604945	16.977743	-0.448041
1.61E-05	0.245389	-37.015644	
0.51596	0.604945	16.977743	-0.448041
1.61E-05	0.554051	-48.711840	
0.68794	0.604945	16.977743	-0.448041
1.61E-05	0.862712	-60.408037	

ELEM 131 ========== LENGTH = 4.005304

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31209	-0.683559	-17.204150	-0.589791
-0.000473	-1.105694	-53.189343	
0.48406	-0.683559	-17.204150	-0.589791
-0.000473	-0.699431	-41.338676	
0.65604	-0.683559	-17.204150	-0.589791
-0.000473	-0.293167	-29.488010	
0.82802	-0.683559	-17.204150	-0.589791
-0.000473	0.113096	-17.637344	

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FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
1.00000	-0.683559	-17.204150	-0.589791
-0.000473	0.519360	-5.786677	

ELEM 132 ========== LENGTH = 4.004358

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.138005	21.299077	-0.590508
0.001093	-0.507915	-5.849706	
0.17196	1.138005	21.299077	-0.590508
0.001093	-0.101298	-20.516029	
0.34392	1.138005	21.299077	-0.590508
0.001093	0.305320	-35.182351	
0.51588	1.138005	21.299077	-0.590508
0.001093	0.711938	-49.848673	
0.68784	1.138005	21.299077	-0.590508
0.001093	1.118555	-64.514996	

ELEM 133 ========== LENGTH = 4.004942

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.31211	1.024368	3.828605	-0.519424
0.004964	-1.090069	-37.956148	
0.48409	1.024368	3.828605	-0.519424
0.004964	-0.732323	-40.593044	
0.65606	1.024368	3.828605	-0.519424
0.004964	-0.374576	-43.229939	
0.82803	1.024368	3.828605	-0.519424
0.004964	-0.016830	-45.866835	
1.00000	1.024368	3.828605	-0.519424
0.004964	0.340916	-48.503731	

ELEM 134 ========== LENGTH = 4.004997

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.975526	17.337602	-0.504382
-0.004108	-0.309175	-48.520320	
0.17197	1.975526	17.337602	-0.504382
-0.004108	0.038218	-60.461578	
0.34394	1.975526	17.337602	-0.504382
-0.004108	0.385611	-72.402836	
0.51592	1.975526	17.337602	-0.504382
-0.004108	0.733004	-84.344094	
0.68789	1.975526	17.337602	-0.504382
-0.004108	1.080397	-96.285352	

ELEM 135 ========== LENGTH = 4.482826

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.361328	-13.526017	-0.265735
0.000131	-0.627028	-0.028298	
0.25000	0.154367	-5.530651	-0.265735
0.000131	-0.329217	10.650167	
0.50000	-0.052595	2.464715	-0.265735
0.000131	-0.031406	12.368174	
0.75000	-0.259557	10.460080	-0.265735
0.000131	0.266405	5.125724	
1.00000	-0.466518	18.455446	-0.265735
0.000131	0.564216	-11.077184	

ELEM 136 ========== LENGTH = 4.980875

LOAD AFTER ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.521722	-20.093166	-0.164603
0.000111	-0.424275	-11.124951	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	0.293349	-11.209420	-0.164603
0.000111	-0.219309	8.364332	
0.50000	0.064977	-2.325675	-0.164603
0.000111	-0.014342	16.791408	
0.75000	-0.163396	6.558071	-0.164603
0.000111	0.190625	14.156279	
1.00000	-0.391768	15.441817	-0.164603
0.000111	0.395592	0.458943	

ELEM 137 ========== LENGTH = 4.980126

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.438426	-17.158766	-0.120810
6.52E-05	-0.323037	0.419385	
0.25000	0.208270	-8.276449	-0.120810
6.52E-05	-0.172625	16.253208	
0.50000	-0.021885	0.605868	-0.120810
6.52E-05	-0.022213	21.028266	
0.75000	-0.252041	9.488185	-0.120810
6.52E-05	0.128198	14.744559	
1.00000	-0.482196	18.370502	-0.120810
6.52E-05	0.278610	-2.597914	

ELEM 138 ========== LENGTH = 4.981332

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.442923	-18.097653	-0.069190
3.38E-05	-0.193248	-2.621422	
0.25000	0.214551	-9.213092	-0.069190
3.38E-05	-0.107084	14.384062	
0.50000	-0.013822	-0.328530	-0.069190
3.38E-05	-0.020920	20.325310	
0.75000	-0.242195	8.556031	-0.069190
3.38E-05	0.065245	15.202321	
1.00000	-0.470567	17.440593	-0.069190
3.38E-05	0.151409	-0.984905	

ELEM 139 ========== LENGTH = 4.980649

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.420232	-17.717667	-0.017679
5.33E-07	-0.066218	-0.999799	
0.25000	0.190077	-8.834417	-0.017679
5.33E-07	-0.044205	15.531028	
0.50000	-0.040079	0.048834	-0.017679
5.33E-07	-0.022192	21.000766	
0.75000	-0.270234	8.932085	-0.017679
5.33E-07	-0.000178	15.409415	
1.00000	-0.500390	17.815335	-0.017679
5.33E-07	0.021835	-1.243025	

ELEM 140 ========== LENGTH = 4.980010

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.393774	-17.440276	0.033503
-2.69E-05	0.062829	-1.244977	
0.25000	0.165401	-8.558075	0.033503
-2.69E-05	0.021118	14.939029	
0.50000	-0.062972	0.324126	0.033503
-2.69E-05	-0.020593	20.064672	
0.75000	-0.291344	9.206327	0.033503
-2.69E-05	-0.062304	14.131953	
1.00000	-0.519717	18.088528	0.033503
-2.69E-05	-0.104015	-2.859127	

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FRAME ELEMENT INTERNAL FORCES

ELEM 141 ========== LENGTH = 4.981438

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.384141	-17.461170	0.079914
-5.04E-05	0.180840	-2.844941	
0.25000	0.153985	-8.576510	0.079914
-5.04E-05	0.081318	13.368195	
0.50000	-0.076170	0.308149	0.079914
-5.04E-05	-0.018204	18.516736	
0.75000	-0.306326	9.192809	0.079914
-5.04E-05	-0.117726	12.600682	
1.00000	-0.536481	18.077469	0.079914
-5.04E-05	-0.217248	-4.379968	

ELEM 142 ========== LENGTH = 4.979906

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.352733	-16.710306	0.117276
-6.45E-05	0.279153	-4.359302	
0.25000	0.124361	-7.828292	0.117276
-6.45E-05	0.133147	10.915685	
0.50000	-0.104012	1.053723	0.117276
-6.45E-05	-0.012858	15.132774	
0.75000	-0.332384	9.935738	0.117276
-6.45E-05	-0.158863	8.291964	
1.00000	-0.560757	18.817753	0.117276
-6.45E-05	-0.304869	-9.606745	

ELEM 143 ========== LENGTH = 4.981420

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.337496	-16.125079	0.134948
-6.63E-05	0.334224	-9.570660	
0.25000	0.107341	-7.240451	0.134948
-6.63E-05	0.166165	4.978531	
0.50000	-0.122815	1.644177	0.134948
-6.63E-05	-0.001893	8.463205	
0.75000	-0.352971	10.528805	0.134948
-6.63E-05	-0.169952	0.883362	
1.00000	-0.583126	19.413433	0.134948
-6.63E-05	-0.338011	-17.760997	

ELEM 144 ========== LENGTH = 4.980020

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.348710	-16.449415	0.124922
-5.74E-05	0.321475	-17.731700	
0.25000	0.120338	-7.567196	0.124922
-5.74E-05	0.165946	-2.781299	
0.50000	-0.108035	1.315024	0.124922
-5.74E-05	0.010417	1.110694	
0.75000	-0.336407	10.197243	0.124922
-5.74E-05	-0.145111	-6.055721	
1.00000	-0.564780	19.079463	0.124922
-5.74E-05	-0.300640	-24.280545	

ELEM 145 ========== LENGTH = 4.980675

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.374589	-16.728160	0.088151
-4.10E-05	0.239686	-24.253379	
0.25000	0.144434	-7.844863	0.088151
-4.10E-05	0.129923	-8.954598	
0.50000	-0.085722	1.038434	0.088151
-4.10E-05	0.020160	-4.717021	
0.75000	-0.315877	9.921731	0.088151
-4.10E-05	-0.089604	-11.540649	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
1.00000	-0.546033	18.805028	0.088151
-4.10E-05	-0.199367	-29.425480	

ELEM 146 ========== LENGTH = 4.980337

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.458223	-18.971071	0.041084
-2.17E-05	0.121500	-29.396981	
0.25000	0.229850	-10.088286	0.041084
-2.17E-05	0.070347	-11.306307	
0.50000	0.001478	-1.205501	0.041084
-2.17E-05	0.019193	-4.275449	
0.75000	-0.226895	7.677284	0.041084
-2.17E-05	-0.031960	-8.304406	
1.00000	-0.455268	16.560069	0.041084
-2.17E-05	-0.083113	-23.393180	

ELEM 147 ========== LENGTH = 4.981108

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.463679	-18.395339	0.004418
-6.54E-06	0.022408	-23.384239	
0.25000	0.233524	-9.511268	0.004418
-6.54E-06	0.016907	-6.008511	
0.50000	0.003368	-0.627198	0.004418
-6.54E-06	0.011406	0.304089	
0.75000	-0.226787	8.256872	0.004418
-6.54E-06	0.005904	-4.446440	
1.00000	-0.456943	17.140942	0.004418
-6.54E-06	0.000403	-20.260097	

ELEM 148 ========== LENGTH = 4.980896

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.472919	-18.591751	-0.015751
3.74E-06	-0.033596	-20.261704	
0.25000	0.244547	-9.707968	-0.015751
3.74E-06	-0.013983	-2.641959	
0.50000	0.016174	-0.824185	-0.015751
3.74E-06	0.005631	3.915485	
0.75000	-0.212198	8.059599	-0.015751
3.74E-06	0.025244	-0.589370	
1.00000	-0.440571	16.943382	-0.015751
3.74E-06	0.044857	-16.156527	

ELEM 149 ========== LENGTH = 4.980787

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.476729	-18.553617	-0.020911
8.02E-06	-0.053161	-16.165459	
0.25000	0.246574	-9.670121	-0.020911
8.02E-06	-0.027123	1.406594	
0.50000	0.016418	-0.786624	-0.020911
8.02E-06	-0.001084	7.916946	
0.75000	-0.213737	8.096872	-0.020911
8.02E-06	0.024954	3.365598	
1.00000	-0.443893	16.980369	-0.020911
8.02E-06	0.050992	-12.247452	

ELEM 150 ========== LENGTH = 4.980674

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.459337	-18.149272	-0.012255
5.19E-06	-0.036349	-12.256179	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	0.230965	-9.265885	-0.012255
5.19E-06	-0.021089	4.812066	
0.50000	0.002592	-0.382498	-0.012255
5.19E-06	-0.005830	10.818998	
0.75000	-0.225781	8.500889	-0.012255
5.19E-06	0.009430	5.764616	
1.00000	-0.454153	17.384276	-0.012255
5.19E-06	0.024690	-10.351080	

ELEM 151 ========== LENGTH = 4.980671

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.447778	-17.766847	0.003953
-1.67E-06	0.002470	-10.356619	
0.25000	0.217622	-8.883558	0.003953
-1.67E-06	-0.002452	6.235493	
0.50000	-0.012533	-0.000268	0.003953
-1.67E-06	-0.007374	11.766419	
0.75000	-0.242689	8.883021	0.003953
-1.67E-06	-0.012295	6.236161	
1.00000	-0.472844	17.766310	0.003953
-1.67E-06	-0.017217	-10.355282	

ELEM 152 ========== LENGTH = 4.980674

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.429443	-17.387337	0.020172
-7.78E-06	0.044403	-10.356636	
0.25000	0.201070	-8.503950	0.020172
-7.78E-06	0.019285	5.762872	
0.50000	-0.027302	0.379437	0.020172
-7.78E-06	-0.005833	10.821066	
0.75000	-0.255675	9.262824	0.020172
-7.78E-06	-0.030950	4.817946	
1.00000	-0.484048	18.146211	0.020172
-7.78E-06	-0.056068	-12.246488	

ELEM 153 ========== LENGTH = 4.979781

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.419849	-16.976567	0.028866
-8.34E-06	0.070786	-12.244509	
0.25000	0.189694	-8.094868	0.028866
-8.34E-06	0.034849	3.361771	
0.50000	-0.040462	0.786832	0.028866
-8.34E-06	-0.001087	7.910822	
0.75000	-0.270617	9.668531	0.028866
-8.34E-06	-0.037024	1.402646	
1.00000	-0.500773	18.550230	0.028866
-8.34E-06	-0.072960	-16.162758	

ELEM 154 ========== LENGTH = 4.980886

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.417660	-16.942180	0.023710
-1.27E-06	0.064678	-16.151817	
0.25000	0.189287	-8.058414	0.023710
-1.27E-06	0.035154	-0.586178	
0.50000	-0.039085	0.825351	0.023710
-1.27E-06	0.005629	3.917205	
0.75000	-0.267458	9.709117	0.023710
-1.27E-06	-0.023895	-2.641668	
1.00000	-0.495830	18.592883	0.023710
-1.27E-06	-0.053420	-20.262798	

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FRAME ELEMENT INTERNAL FORCES

ELEM 155 ========== LENGTH = 4.981108

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.434603	-17.140135	0.003532
1.16E-05	0.020203	-20.255266	
0.25000	0.204448	-8.256065	0.003532
1.16E-05	0.015804	-4.442614	
0.50000	0.025708	0.623005	0.003532
1.16E-05	0.011406	0.306910	
0.75000	-0.255864	9.512075	0.003532
1.16E-05	0.007007	-6.006694	
1.00000	-0.486019	18.396145	0.003532
1.16E-05	0.002609	-23.383427	

ELEM 156 ========== LENGTH = 4.980363

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.435686	-16.554886	-0.033207
3.02E-05	-0.063472	-23.386660	
0.25000	0.205531	-7.672147	-0.033207
3.02E-05	-0.022126	-8.304233	
0.50000	-0.024625	1.210592	-0.033207
3.02E-05	0.019220	-4.281622	
0.75000	-0.254780	10.093331	-0.033207
3.02E-05	0.060566	-11.318827	
1.00000	-0.484936	18.976071	-0.033207
3.02E-05	0.101912	-29.415848	

ELEM 157 ========== LENGTH = 4.980629

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.518385	-18.805785	-0.080424
4.91E-05	-0.180096	-29.430083	
0.25000	0.290013	-9.922478	-0.080424
4.91E-05	-0.079956	-11.544480	
0.50000	0.061640	-1.039170	-0.080424
4.91E-05	0.020185	-4.719991	
0.75000	-0.166732	7.844137	-0.080424
4.91E-05	0.120326	-8.956618	
1.00000	-0.395105	16.727444	-0.080424
4.91E-05	0.220466	-24.254361	

ELEM 158 ========== LENGTH = 4.981022

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.543403	-19.081951	-0.117373
6.20E-05	-0.281858	-24.276001	
0.25000	0.313247	-10.198034	-0.117373
6.20E-05	-0.135699	-6.045470	
0.50000	0.083092	-1.314118	-0.117373
6.20E-05	0.010460	1.122316	
0.75000	-0.147064	7.569799	-0.117373
6.20E-05	0.156619	-2.772644	
1.00000	-0.377219	16.453715	-0.117373
6.20E-05	0.302778	-17.730351	

ELEM 159 ========== LENGTH = 4.980422

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.552045	-19.409936	-0.127848
6.54E-05	-0.320198	-17.761408	
0.25000	0.323672	-10.526999	-0.127848
6.54E-05	-0.161014	0.875913	
0.50000	0.095299	-1.644062	-0.127848
6.54E-05	-0.001829	8.453040	
0.75000	-0.133073	7.238875	-0.127848
6.54E-05	0.157356	4.969974	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
1.00000	-0.361446	16.121811	-0.127848
6.54E-05	0.316540	-9.573284	

ELEM 160 ========== LENGTH = 4.980901

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.536079	-18.820534	-0.110313
5.95E-05	-0.287565	-9.603604	
0.25000	0.305923	-9.936834	-0.110313
5.95E-05	-0.150201	8.301095	
0.50000	0.075768	-1.053135	-0.110313
5.95E-05	-0.012837	15.143588	
0.75000	-0.154388	7.830565	-0.110313
5.95E-05	0.124527	10.923874	
1.00000	-0.384543	16.714264	-0.110313
5.95E-05	0.261892	-4.358045	

ELEM 161 ========== LENGTH = 4.980413

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.502891	-18.075538	-0.073272
4.22E-05	-0.200630	-4.385532	
0.25000	0.274518	-9.192616	-0.073272
4.22E-05	-0.109399	12.590302	
0.50000	0.046146	-0.309695	-0.073272
4.22E-05	-0.018168	18.505982	
0.75000	-0.182227	8.573226	-0.073272
4.22E-05	0.073063	13.361507	
1.00000	-0.410599	17.456147	-0.073272
4.22E-05	0.164294	-2.843122	

ELEM 162 ========== LENGTH = 4.980998

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.493143	-18.090221	-0.026951
1.89E-05	-0.087701	-2.855956	
0.25000	0.262988	-9.206348	-0.026951
1.89E-05	-0.054141	14.139564	
0.50000	0.032832	-0.322474	-0.026951
1.89E-05	-0.020580	20.072444	
0.75000	-0.197323	8.561399	-0.026951
1.89E-05	0.012981	14.942685	
1.00000	-0.427479	17.445273	-0.026951
1.89E-05	0.046542	-1.249712	

ELEM 163 ========== LENGTH = 4.980623

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.468811	-17.818148	0.024168
-9.94E-06	0.037998	-1.250183	
0.25000	0.240439	-8.934852	0.024168
-9.94E-06	0.007905	15.405645	
0.50000	0.012066	-0.051555	0.024168
-9.94E-06	-0.022188	21.000383	
0.75000	-0.216306	8.831742	0.024168
-9.94E-06	-0.052280	15.534032	
1.00000	-0.444679	17.715039	0.024168
-9.94E-06	-0.082373	-0.993407	

ELEM 164 ========== LENGTH = 4.980359

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.450228	-17.437565	0.075788
-4.31E-05	0.167779	-0.984586	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	0.220072	-8.554833	0.075788
-4.31E-05	0.073416	15.196848	
0.50000	-0.010083	0.327898	0.075788
-4.31E-05	-0.020946	20.318484	
0.75000	-0.240239	9.210630	0.075788
-4.31E-05	-0.115309	14.380322	
1.00000	-0.470394	18.093362	0.075788
-4.31E-05	-0.209671	-2.617637	

ELEM 165 ========== LENGTH = 4.981052

LOAD AFTER ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.462155	-18.372629	0.127481
-7.43E-05	0.295253	-2.592624	
0.25000	0.233783	-9.488566	0.127481
-7.43E-05	0.136506	14.754636	
0.50000	0.005410	-0.604504	0.127481
-7.43E-05	-0.022242	21.038900	
0.75000	-0.222962	8.279559	0.127481

```
-7.43E-05   -0.180990   16.260168
 1.00000    -0.451335   17.163622      0.127481
-7.43E-05   -0.339738    0.418440

 ELEM      166 ================== LENGTH =
4.979852

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000     0.387200   -15.440768      0.171578
-0.000116    0.412925     0.452913
 0.25000     0.157045    -6.558940      0.171578
-0.000116    0.199316    14.147325
 0.50000    -0.073111     2.322887      0.171578
-0.000116   -0.014293    16.784190
 0.75000    -0.303266    11.204715      0.171578
-0.000116   -0.227901     8.363508
 1.00000    -0.533422    20.086542      0.171578
-0.000116   -0.441510   -11.114722

 ELEM      167 ================== LENGTH =
4.482800

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000     0.458997   -18.446831      0.275261
-0.000143    0.584903   -11.063452
 0.25000     0.253818   -10.451419      0.275261
-0.000143    0.276418     5.129682
 0.50000     0.048639    -2.456008      0.275261
-0.000143   -0.032067    12.362358
 0.75000    -0.156539     5.539404      0.275261
-0.000143   -0.340551    10.634577
 1.00000    -0.361718    13.534815      0.275261
-0.000143   -0.649036    -0.053661

 ELEM      168 ================== LENGTH =
1.200000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000  -460.626534    -4.66E-10      .000000
.000000    -1.16E-10    -2.79E-09
 0.25000  -460.626534    -4.66E-10      .000000
.000000    -1.16E-10    -2.65E-09
 0.50000  -460.626534    -4.66E-10      .000000
.000000    -1.16E-10    -2.51E-09
 0.75000  -460.626534    -4.66E-10      .000000
.000000    -1.16E-10    -2.37E-09
 1.00000  -460.626534    -4.66E-10      .000000
.000000    -1.16E-10    -2.24E-09
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 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 ELEM      169 ================== LENGTH =
1.300000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000    -1343.610      .000000      2.33E-10
.000000     3.49E-10     9.31E-10
 0.25000    -1343.610      .000000      2.33E-10
.000000     2.74E-10     9.31E-10
 0.50000    -1343.610      .000000      2.33E-10
.000000     1.98E-10     9.31E-10
 0.75000    -1343.610      .000000      2.33E-10
.000000     1.22E-10     9.31E-10
 1.00000    -1343.610      .000000      2.33E-10
.000000     4.66E-11     9.31E-10

 ELEM      170 ================== LENGTH =
1.300000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000    -1343.701    -0.415348      0.007598
.000000     0.009877    -0.539952
 0.25000    -1343.701    -0.415348      0.007598
.000000     0.007408    -0.404964
 0.50000    -1343.701    -0.415348      0.007598
.000000     0.004939    -0.269976
 0.75000    -1343.701    -0.415348      0.007598
.000000     0.002469    -0.134988
 1.00000    -1343.701    -0.415348      0.007598
.000000    -2.56E-10    -3.96E-10

 ELEM      171 ================== LENGTH =
1.200000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000  -460.619192      .000000     -1.16E-10
.000000    -5.82E-10     1.86E-09
 0.25000  -460.619192      .000000     -1.16E-10
.000000    -5.47E-10     1.86E-09
 0.50000  -460.619192      .000000     -1.16E-10
.000000    -5.12E-10     1.86E-09
 0.75000  -460.619192      .000000     -1.16E-10
.000000    -4.77E-10     1.86E-09
 1.00000  -460.619192      .000000     -1.16E-10
.000000    -4.42E-10     1.86E-09

 ELEM      172 ================== LENGTH =
1.200000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000  -488.727207    -0.003006      0.165094
.000000     0.198113    -0.003607
 0.25000  -488.727207    -0.003006      0.165094
.000000     0.148585    -0.002705
 0.50000  -488.727207    -0.003006      0.165094
.000000     0.099057    -0.001803
 0.75000  -488.727207    -0.003006      0.165094
.000000     0.049528    -0.000902
 1.00000  -488.727207    -0.003006      0.165094
.000000    -2.91E-11    -1.86E-09

 ELEM      173 ================== LENGTH =
1.300000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000    -1346.175     6.71E-06     -0.192137
.000000    -0.249778     8.72E-06
 0.25000    -1346.175     6.71E-06     -0.192137
.000000    -0.187334     6.54E-06
 0.50000    -1346.175     6.71E-06     -0.192137
.000000    -0.124889     4.36E-06
 0.75000    -1346.175     6.71E-06     -0.192137
.000000    -0.062445     2.18E-06
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 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 REL DIST            P            V2            V3
     T        M2           M3
 1.00000    -1346.175     6.71E-06     -0.192137
.000000     2.91E-11     1.02E-09

 ELEM      174 ================== LENGTH =
1.300000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000    -1346.100     0.411097     -0.179294
.000000    -0.233082     0.534427
 0.25000    -1346.100     0.411097     -0.179294
.000000    -0.174812     0.400820
 0.50000    -1346.100     0.411097     -0.179294
.000000    -0.116541     0.267213
 0.75000    -1346.100     0.411097     -0.179294
.000000    -0.058271     0.133607
 1.00000    -1346.100     0.411097     -0.179294
.000000     4.07E-11    -1.86E-10

 ELEM      175 ================== LENGTH =
1.200000

 LOAD   AFTER ------------------

 REL DIST            P            V2            V3
     T        M2           M3
 0.00000  -488.734197     0.007249      0.198739
.000000     0.238487     0.008699
 0.25000  -488.734197     0.007249      0.198739
.000000     0.178865     0.006524
 0.50000  -488.734197     0.007249      0.198739
.000000     0.119243     0.004350
 0.75000  -488.734197     0.007249      0.198739
.000000     0.059622     0.002175
 1.00000  -488.734197     0.007249      0.198739
.000000    -1.02E-10     1.12E-09
                    S A P 2 0 0 0  (R)


                 Structural  Analysis
Programs

                    Nonlinear Version 7.42


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 D I S P L A C E M E N T   D E G R E E S   O
F   F R E E D O M

       (A) = Active DOF, equilibrium equation
       (-) = Restrained DOF, reaction computed
       (+) = Constrained DOF
       (>) = External substructure DOF
       ( ) = Null DOF

 JOINTS            U1  U2  U3  R1  R2  R3
     1 TO     102   A   A   A   A   A   A
   103 TO     104   A   A   -   A   A   A
   105               -   A   -   A   A   A
   106               A   A   -   A   A   A
   107 TO     108   A   -   -   A   A   A
   109               -   -   -   A   A   A
   110               A   -   -   A   A   A
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 T O T A L   A S S E M B L E D   J O I N T   M
A S S E S

 IN GLOBAL COORDINATES

                    UX            UY            UZ
   RX            RY            RZ
 TOTAL        .000000       .000000       .000000
.000000       .000000       .000000


 T O T A L   A C C E L E R A T E D   M A S S
A N D   L O C A T I O N

 TOTAL MASS ACTIVATED BY ACCELERATION
LOADS, IN GLOBAL COORDINATES

                    UX            UY            UZ
   MASS       .000000       .000000       .000000
  X-LOC       .000000       .000000       .000000
  Y-LOC       .000000       .000000       .000000
  Z-LOC       .000000       .000000       .000000
Program   SAP2000   Nonlinear   Version   7.42
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 J O I N T   D I S P L A C E M E N T S

 TRANSLATIONS  AND  ROTATIONS,  IN  LOCAL
COORDINATES

COMB DB-G1-1 ------------------ MAX

  JOINT            U1            U2            U3
     R1            R2            R3
     1      0.000387      4.12E-05      1.79E-08
4.38E-06     0.000555     4.37E-07
     2      0.000382      2.17E-05      0.000619
6.34E-06     0.000527     3.90E-07
     3      0.000376      1.50E-05      0.001266
1.48E-05     0.000434     2.08E-06
     4      0.000372      1.54E-05      0.001834
2.32E-05     0.000325     4.96E-06
     5      0.000368      1.64E-05      0.002311
3.10E-05     0.000221     7.27E-06
     6      0.000365      1.81E-05      0.002673
3.85E-05     0.000120     8.90E-06
     7      0.000363      2.07E-05      0.002892
4.51E-05     4.04E-05     9.80E-06
     8      0.000363      2.36E-05      0.002930
4.98E-05     1.38E-05     9.96E-06
     9      0.000365      2.61E-05      0.002722
4.98E-05     7.07E-05     9.28E-06
    10      0.000370      2.69E-05      0.002193
4.02E-05     0.000143     7.70E-06
    11      0.000378      2.46E-05      0.001287
1.70E-05     0.000221     5.54E-06
    12      0.000388      2.64E-05      3.54E-08
1.80E-06     0.000298     3.18E-06
    13      0.000401      3.41E-05      0.001276
1.03E-05     0.000354     1.25E-06
    14      0.000415      3.75E-05      0.002180
3.41E-05     0.000365     1.01E-06
    15      0.000430      3.72E-05      0.002734
4.63E-05     0.000327     3.02E-06
    16      0.000444      3.44E-05      0.002943
4.85E-05     0.000246     5.23E-06
    17      0.000456      3.00E-05      0.002868
4.44E-05     0.000147     7.06E-06
    18      0.000463      2.52E-05      0.002868
4.42E-05     7.59E-05     8.28E-06
    19      0.000465      2.83E-05      0.002943
4.82E-05     0.000101     8.77E-06
    20      0.000460      3.29E-05      0.002734
4.61E-05     0.000113     8.35E-06
    21      0.000446      3.54E-05      0.002179
3.39E-05     0.000147     7.14E-06
    22      0.000422      3.43E-05      0.001275
1.02E-05     0.000218     5.35E-06
    23      0.000389      2.87E-05      3.54E-08
1.86E-06     0.000299     3.20E-06
    24      0.000346      2.40E-05      0.001286
1.68E-05     0.000371     1.29E-06
    25      0.000297      2.89E-05      0.002193
3.98E-05     0.000393     1.27E-06
    26      0.000252      2.96E-05      0.002721
4.94E-05     0.000352     3.52E-06
    27      0.000227      2.74E-05      0.002930
4.94E-05     0.000267     5.88E-06
    28      0.000224      2.33E-05      0.002891
4.48E-05     0.000167     7.94E-06
    29      0.000232      1.81E-05      0.002673
3.82E-05     7.19E-05     9.55E-06
    30      0.000249      1.26E-05      0.002311
3.08E-05     8.64E-05     1.07E-05
    31      0.000273      6.66E-06      0.001834
2.30E-05     0.000106     1.13E-05
    32      0.000305      8.92E-06      0.001266
1.47E-05     0.000124     1.11E-05
    33      0.000345      3.08E-05      0.000619
6.34E-06     0.000136     9.97E-06
    34      0.000387      6.16E-05      1.78E-08
4.32E-06     0.000140     8.37E-06
    35      0.000280      5.33E-05      9.42E-09
5.56E-06     0.000322     6.46E-06
    36      0.000275      7.59E-05      0.000569
6.07E-06     0.000310     8.08E-06
    37      0.000269      9.68E-05      0.001163
1.43E-05     0.000262     9.34E-06
    38      0.000265      0.000110      0.001681
2.27E-05     0.000196     9.75E-06
    39      0.000261      0.000117      0.002108
3.06E-05     0.000127     9.47E-06
    40      0.000258      0.000116      0.002417
3.83E-05     5.53E-05     8.64E-06
    41      0.000256      0.000111      0.002579
4.58E-05     7.33E-06     7.24E-06
    42      0.000256      9.90E-05      0.002559
5.15E-05     2.48E-05     5.32E-06
    43      0.000258      8.32E-05      0.002303
5.29E-05     7.68E-05     3.00E-06
    44      0.000263      6.45E-05      0.001775
4.50E-05     0.000133     7.30E-07
    45      0.000270      4.65E-05      0.000982
2.42E-05     0.000180     1.26E-06
    46      0.000280      3.26E-05      2.07E-08
4.66E-06     0.000213     3.01E-06
    47      0.000292      3.66E-05      0.000980
2.02E-05     0.000226     5.04E-06
    48      0.000304      5.24E-05      0.001769
4.01E-05     0.000222     6.76E-06
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 J O I N T   D I S P L A C E M E N T S

 TRANSLATIONS  AND  ROTATIONS,  IN  LOCAL
COORDINATES

  JOINT            U1            U2            U3
     R1            R2            R3
    49      0.000318      6.69E-05      0.002315
4.99E-05     0.000191     7.96E-06
    50      0.000330      7.70E-05      0.002572
5.01E-05     0.000133     8.43E-06
    51      0.000339      8.20E-05      0.002564
4.47E-05     6.39E-05     8.03E-06
    52      0.000345      8.09E-05      0.002566
4.44E-05     6.23E-05     6.88E-06
    53      0.000345      7.46E-05      0.002574
4.98E-05     8.80E-05     5.10E-06
    54      0.000338      6.30E-05      0.002317
4.95E-05     0.000102     2.88E-06
    55      0.000324      4.84E-05      0.001771
3.98E-05     0.000136     7.45E-07
    56      0.000303      3.37E-05      0.000982
2.01E-05     0.000179     1.57E-06
    57      0.000277      3.27E-05      2.07E-08
4.67E-06     0.000213     3.32E-06
    58      0.000248      4.76E-05      0.000983
2.41E-05     0.000236     5.54E-06
    59      0.000217      6.49E-05      0.001777
4.48E-05     0.000235     7.68E-06
    60      0.000189      8.18E-05      0.002305
5.27E-05     0.000201     9.32E-06
    61      0.000169      9.55E-05      0.002561
5.12E-05     0.000139     1.02E-05
    62      0.000159      0.000105      0.002581
4.55E-05     6.83E-05     1.03E-05
    63      0.000160      0.000110      0.002419
3.81E-05     4.96E-05     9.62E-06
    64      0.000171      0.000111      0.002110
3.03E-05     7.58E-05     8.23E-06
    65      0.000189      0.000106      0.001683
2.24E-05     9.60E-05     6.08E-06
    66      0.000214      9.62E-05      0.001164
1.41E-05     0.000113     3.28E-06
    67      0.000246      8.21E-05      0.000570
5.90E-06     0.000125     4.72E-07
    68      0.000278      6.88E-05      9.50E-09
5.56E-06     0.000128     4.89E-07
    69      0.000333      4.74E-05      3.49E-05
9.22E-05     0.000431     3.47E-05
    70      0.000327      4.87E-05      0.000595
4.33E-06     0.000410     2.89E-05
    71      0.000322      4.89E-05      0.001215
1.39E-05     0.000350     2.90E-05
    72      0.000317      4.74E-05      0.001758
2.39E-05     0.000263     2.81E-05
    73      0.000313      4.52E-05      0.002210
3.38E-05     0.000176     2.71E-05
    74      0.000310      4.23E-05      0.002546
4.40E-05     8.98E-05     2.58E-05
    75      0.000308      3.97E-05      0.002736
5.57E-05     2.24E-05     2.43E-05
    76      0.000308      3.66E-05      0.002745
6.92E-05     1.88E-05     2.49E-05
    77      0.000310      3.39E-05      0.002514
8.35E-05     7.29E-05     2.82E-05
    78      0.000315      3.16E-05      0.001986
9.33E-05     0.000137     2.81E-05
    79      0.000323      3.03E-05      0.001139
8.29E-05     0.000199     2.42E-05
    80      0.000333      2.97E-05      2.35E-05
3.21E-05     0.000253     1.82E-05
    81      0.000345      2.92E-05      0.001133
7.44E-05     0.000288     1.43E-05
    82      0.000359      2.84E-05      0.001978
8.91E-05     0.000292     1.44E-05
    83      0.000373      2.70E-05      0.002526
8.36E-05     0.000258     1.55E-05
    84      0.000386      2.50E-05      0.002759
7.02E-05     0.000189     1.80E-05
    85      0.000397      2.22E-05      0.002717
5.56E-05     0.000105     2.33E-05
    86      0.000403      1.92E-05      0.002718
5.52E-05     6.94E-05     3.38E-05
    87      0.000404      1.83E-05      0.002759
6.97E-05     9.45E-05     4.27E-05
    88      0.000398      2.18E-05      0.002527
8.32E-05     0.000108     4.86E-05
    89      0.000384      2.52E-05      0.001978
8.86E-05     0.000142     5.00E-05
    90      0.000362      2.83E-05      0.001133
7.41E-05     0.000199     4.74E-05
    91      0.000333      3.09E-05      2.36E-05
3.20E-05     0.000256     4.27E-05
    92      0.000297      3.28E-05      0.001140
8.25E-05     0.000303     3.72E-05
    93      0.000257      3.37E-05      0.001987
9.28E-05     0.000312     3.24E-05
    94      0.000220      3.41E-05      0.002514
8.31E-05     0.000275     2.81E-05
    95      0.000195      3.41E-05      0.002746
6.88E-05     0.000201     2.47E-05
    96      0.000188      3.46E-05      0.002737
5.53E-05     0.000115     2.22E-05
    97      0.000193      3.55E-05      0.002546
4.37E-05     5.56E-05     2.04E-05
    98      0.000207      3.79E-05      0.002210
3.35E-05     8.14E-05     1.90E-05
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 TRANSLATIONS  AND  ROTATIONS,  IN  LOCAL
COORDINATES

  JOINT            U1            U2            U3
     R1            R2            R3
    99      0.000229      4.14E-05      0.001758
2.37E-05     0.000101     1.80E-05
   100      0.000258      4.73E-05      0.001215
1.38E-05     0.000118     2.01E-05
   101      0.000294      5.54E-05      0.000595
4.34E-06     0.000130     2.20E-05
   102      0.000332      6.51E-05      3.48E-05
9.22E-05     0.000134     2.25E-05
   103      0.000326      5.49E-05      .000000
-3.98E-05    0.000546     4.37E-07
   104      0.000482      0.000144      .000000
-1.96E-05    0.000288     3.18E-06
   105      7.39E-08      4.04E-06      .000000
8.69E-06     0.000300     3.20E-06
   106      0.000948     -5.04E-05      .000000
4.66E-05     0.000130     8.37E-06
   107      0.000225      4.09E-06      .000000
-3.73E-07    0.000321     6.46E-06
   108      0.000391      1.36E-08      .000000
4.65E-06     0.000211     3.01E-06
   109      .000000      .000000      .000000
8.54E-06     0.000214     3.32E-06
   110      0.000646      1.56E-05      .000000
1.00E-05     0.000128     4.89E-07

COMB DB-G1-1 ------------------ MIN

  JOINT            U1            U2            U3
     R1            R2            R3
     1     -0.000383     -1.31E-05     -2.86E-07
-3.43E-05    -0.000140    -3.70E-06
     2     -0.000372     -1.27E-05     -0.002419
-0.000122    -0.000136    -1.48E-06
     3     -0.000359     -1.23E-05     -0.004773
-0.000221    -0.000124    -3.06E-07
     4     -0.000349     -2.02E-05     -0.006535
-0.000295    -0.000106    -3.83E-07
     5     -0.000340     -3.07E-05     -0.007677
-0.000339    -8.64E-05    -4.77E-07
     6     -0.000330      7.70E-05     -0.008133
-0.000357    -7.19E-05    -5.77E-07
     7     -0.000330     -3.54E-05     -0.007887
-0.000348    -0.000167    -6.83E-07
     8     -0.000329     -2.98E-05     -0.006986
-0.000314    -0.000267    -8.31E-07
     9     -0.000333     -2.02E-05     -0.005493
-0.000254    -0.000352    -1.06E-06
    10     -0.000343     -1.20E-05     -0.003621
-0.000176    -0.000393    -1.35E-06
    11     -0.000360     -8.34E-06     -0.001690
-9.74E-05    -0.000371    -1.60E-06
    12     -0.000385     -7.01E-06     -3.32E-07
-3.24E-05    -0.000300    -1.61E-06
    13     -0.000416     -9.69E-06     -0.001634
-8.13E-05    -0.000218    -8.94E-07
    14     -0.000454     -1.75E-05     -0.003424
-0.000149    -0.000147    -4.02E-07
    15     -0.000493     -2.99E-05     -0.005130
-0.000219    -0.000113    -1.38E-06
    16     -0.000529     -4.13E-05     -0.006456
-0.000274    -0.000101    -1.87E-06
    17     -0.000553     -4.80E-05     -0.007170
-0.000302    -7.59E-05    -1.99E-06
    18     -0.000561     -4.93E-05     -0.007170
-0.000302    -0.000147    -1.92E-06
    19     -0.000548     -4.43E-05     -0.006456
-0.000274    -0.000246    -1.76E-06
    20     -0.000517     -3.44E-05     -0.005131
-0.000219    -0.000327    -1.53E-06
    21     -0.000475     -2.13E-05     -0.003424
-0.000149    -0.000365    -1.27E-06
    22     -0.000429     -1.15E-05     -0.001634
-8.13E-05    -0.000354    -1.35E-06
    23     -0.000387     -7.52E-06     -3.32E-07
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-3.23E-05	-0.000298	-1.39E-06	
24	-0.000354	-7.88E-06	-0.001689
-9.72E-05	-0.000221	-6.78E-07	
25	-0.000331	-1.24E-05	-0.003620
-0.000176	-0.000143	-3.57E-07	
26	-0.000317	-2.34E-05	-0.005492
-0.000254	-7.08E-05	-1.37E-06	
27	-0.000311	-3.57E-05	-0.006985
-0.000313	-1.39E-05	-1.85E-06	
28	-0.000312	-4.35E-05	-0.007886
-0.000348	-4.03E-05	-2.01E-06	
29	-0.000317	-4.56E-05	-0.008133
-0.000357	-0.000120	-2.01E-06	
30	-0.000326	-4.01E-05	-0.007677
-0.000339	-0.000221	-1.97E-06	
31	-0.000338	-2.71E-05	-0.006535
-0.000295	-0.000325	-1.89E-06	
32	-0.000353	-1.02E-05	-0.004774
-0.000221	-0.000434	-1.79E-06	
33	-0.000369	-1.07E-05	-0.002419
-0.000121	-0.000526	-1.65E-06	
34	-0.000385	-1.72E-05	-2.86E-07
-3.44E-05	-0.000555	-1.52E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
35	-0.000278	-7.21E-06	-7.46E-09
-4.02E-05	-0.000128	-4.81E-07	
36	-0.000266	-7.26E-06	-0.001410
-0.000124	-0.000125	-5.95E-07	
37	-0.000253	-7.28E-06	-0.002813
-0.000217	-0.000113	-7.43E-07	
38	-0.000242	-7.21E-06	-0.003892
-0.000286	-9.59E-05	-8.95E-07	
39	-0.000233	-8.47E-06	-0.004612
-0.000326	-7.57E-05	-1.05E-06	
40	-0.000226	-9.97E-06	-0.004928
-0.000341	-4.95E-05	-1.22E-06	
41	-0.000223	-1.12E-05	-0.004821
-0.000330	-6.83E-05	-1.36E-06	
42	-0.000223	-1.20E-05	-0.004316
-0.000296	-0.000139	-1.37E-06	
43	-0.000228	-1.20E-05	-0.003449
-0.000238	-0.000201	-1.09E-06	
44	-0.000239	-1.06E-05	-0.002332
-0.000162	-0.000235	-3.66E-07	
45	-0.000256	-8.05E-06	-0.001132
-8.65E-05	-0.000236	-1.19E-06	
46	-0.000277	-6.06E-06	-2.13E-08
-2.51E-05	-0.000213	-1.97E-06	
47	-0.000302	-6.47E-06	-0.001093
-7.49E-05	-0.000179	-1.97E-06	
48	-0.000329	-7.72E-06	-0.002211
-0.000140	-0.000136	-1.74E-06	
49	-0.000354	-8.05E-06	-0.003238
-0.000206	-0.000102	-1.48E-06	
50	-0.000374	-7.42E-06	-0.004019
-0.000258	-8.81E-05	-1.30E-06	
51	-0.000386	-7.02E-06	-0.004437
-0.000284	-6.23E-05	-1.18E-06	
52	-0.000387	-8.19E-06	-0.004438
-0.000284	-6.37E-05	-1.22E-06	
53	-0.000378	-9.00E-06	-0.004020
-0.000258	-0.000132	-1.22E-06	
54	-0.000358	-9.07E-06	-0.003240
-0.000206	-0.000191	-9.26E-07	
55	-0.000332	-8.05E-06	-0.002212
-0.000140	-0.000222	-7.99E-07	
56	-0.000303	-6.47E-06	-0.001094
-7.47E-05	-0.000226	-9.44E-07	
57	-0.000274	-6.08E-06	-2.13E-08
-2.51E-05	-0.000211	-1.76E-06	
58	-0.000249	-7.68E-06	-0.001134
-8.63E-05	-0.000180	-1.82E-06	
59	-0.000229	-9.20E-06	-0.002334
-0.000162	-0.000133	-1.63E-06	
60	-0.000215	-9.64E-06	-0.003451
-0.000237	-7.68E-05	-1.40E-06	
61	-0.000209	-9.11E-06	-0.004317
-0.000296	-2.48E-05	-1.26E-06	
62	-0.000208	-8.24E-06	-0.004823
-0.000330	-7.33E-06	-1.22E-06	
63	-0.000212	-7.32E-06	-0.004929
-0.000340	-5.53E-05	-1.22E-06	
64	-0.000225	-6.57E-06	-0.004613
-0.000326	-0.000127	-1.23E-06	
65	-0.000231	-6.03E-06	-0.003893
-0.000286	-0.000196	-1.20E-06	
66	-0.000244	-6.03E-06	-0.002814
-0.000217	-0.000262	-1.14E-06	
67	-0.000259	-7.58E-06	-0.001411
-0.000124	-0.000310	-1.04E-06	
68	-0.000274	-1.13E-05	-7.49E-09
-4.02E-05	-0.000322	-2.10E-06	
69	-0.000330	-1.01E-05	-5.57E-06
-1.17E-05	-0.000134	-4.23E-05	
70	-0.000318	-9.94E-06	-0.001892
-0.000129	-0.000130	-2.92E-05	
71	-0.000305	-9.65E-06	-0.003761
-0.000299	-0.000118	-2.71E-05	
72	-0.000294	-9.29E-06	-0.005183
-0.000398	-0.000101	-2.66E-05	
73	-0.000285	-8.89E-06	-0.006122
-0.000454	-8.13E-05	-2.60E-05	
74	-0.000279	-8.38E-06	-0.006511
-0.000471	-5.56E-05	-2.53E-05	
75	-0.000275	-7.72E-06	-0.006336
-0.000452	-0.000115	-2.46E-05	
76	-0.000275	-6.91E-06	-0.005628
-0.000402	-0.000201	-2.37E-05	
77	-0.000280	-6.07E-06	-0.004446
-0.000319	-0.000275	-2.25E-05	
78	-0.000290	-5.94E-06	-0.002955
-0.000209	-0.000312	-2.11E-05	
79	-0.000307	-5.67E-06	-0.001397
-8.55E-05	-0.000303	-1.98E-05	
80	-0.000330	-5.36E-06	-3.50E-06
-4.31E-06	-0.000256	-1.88E-05	
81	-0.000358	-5.33E-06	-0.001348
-7.38E-05	-0.000199	-1.82E-05	
82	-0.000391	-5.31E-06	-0.002795
-0.000191	-0.000142	-1.80E-05	
83	-0.000423	-5.14E-06	-0.004158
-0.000296	-0.000108	-1.84E-05	
84	-0.000451	-4.83E-06	-0.005213
-0.000369	-9.46E-05	-1.95E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
85	-0.000469	-4.37E-06	-0.005784
-0.000407	-6.94E-05	-2.15E-05	
86	-0.000474	-4.01E-06	-0.005784
-0.000407	-0.000105	-2.43E-05	
87	-0.000462	-4.52E-06	-0.005214
-0.000369	-0.000189	-2.81E-05	
88	-0.000436	-4.97E-06	-0.004159
-0.000296	-0.000258	-3.28E-05	
89	-0.000402	-5.28E-06	-0.002795
-0.000191	-0.000292	-3.75E-05	
90	-0.000364	-5.40E-06	-0.001348
-7.35E-05	-0.000288	-4.12E-05	
91	-0.000329	-5.51E-06	-3.64E-06
-4.28E-06	-0.000253	-4.43E-05	
92	-0.000300	-5.77E-06	-0.001397
-8.50E-05	-0.000199	-4.52E-05	
93	-0.000278	-5.91E-06	-0.002955
-0.000208	-0.000137	-4.22E-05	
94	-0.000265	-5.83E-06	-0.004446
-0.000319	-7.29E-05	-3.50E-05	
95	-0.000259	-6.27E-06	-0.005629
-0.000401	-1.87E-05	-2.50E-05	
96	-0.000259	-6.09E-06	-0.006336
-0.000451	-2.24E-05	-1.75E-05	
97	-0.000264	-5.38E-06	-0.006511
-0.000470	-8.98E-05	-1.52E-05	
98	-0.000272	-4.32E-06	-0.006122
-0.000454	-0.000176	-1.37E-05	
99	-0.000284	-4.37E-06	-0.005184
-0.000398	-0.000263	-1.28E-05	
100	-0.000297	-5.48E-06	-0.003762
-0.000299	-0.000350	-1.22E-05	
101	-0.000313	-9.10E-06	-0.001893
-0.00012	-0.000410	-1.17E-05	
102	-0.000328	-1.42E-05	-5.40E-06
-1.17E-05	-0.000431	-1.46E-05	
103	-0.000567	-0.000110	.000000
-6.98E-05	-0.000146	-3.70E-06	
104	-0.000674	-0.000210	.000000
-2.78E-05	-0.000304	-1.61E-06	
105	-4.56E-07	-2.49E-05	.000000
-3.26E-05	-0.000297	-1.39E-06	
106	-0.000556	-9.29E-05	.000000
-0.000225	-0.000499	-1.52E-06	
107	-0.000291	-5.29E-06	.000000
-4.32E-05	-0.000129	-4.81E-07	
108	-0.000534	-1.86E-08	.000000
-2.51E-05	-0.000213	-1.97E-06	
109	.000000	.000000	.000000
-2.51E-05	-0.000210	-1.76E-06	
110	-0.000427	-2.36E-05	.000000
-6.25E-05	-0.000318	-2.10E-06	

COMB DB-G1-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000693	0.000222	3.00E-08
0.000163	0.000959	3.97E-06	
2	0.000683	0.000182	0.001151
0.000150	0.000908	3.76E-06	
3	0.000672	0.000147	0.002353
0.000146	0.000748	4.53E-06	
4	0.000663	0.000131	0.003408
0.000151	0.000557	7.29E-06	
5	0.000656	0.000118	0.004291
0.000157	0.000373	9.82E-06	
6	0.000650	0.000107	0.004957
0.000163	0.000195	1.15E-05	
7	0.000647	0.000124	0.005350
0.000168	5.71E-05	1.23E-05	
8	0.000647	0.000138	0.005402
0.000172	3.05E-05	1.21E-05	
9	0.000651	0.000149	0.004991
0.000169	0.000136	1.08E-05	
10	0.000660	0.000156	0.003993
0.000156	0.000267	9.45E-06	
11	0.000675	0.000155	0.002321
0.000129	0.000402	7.38E-06	
12	0.000695	0.000156	6.17E-08
0.000109	0.000532	5.02E-06	
13	0.000718	0.000162	0.002305
0.000124	0.000621	3.07E-06	
14	0.000745	0.000160	0.003971
0.000152	0.000636	3.01E-06	
15	0.000772	0.000150	0.005016
0.000168	0.000569	4.78E-06	
16	0.000798	0.000135	0.005428
0.000172	0.000425	7.37E-06	
17	0.000819	0.000117	0.005311
0.000168	0.000249	9.48E-06	
18	0.000833	0.000111	0.005311
0.000167	0.000139	1.08E-05	
19	0.000836	0.000129	0.005428
0.000172	0.000186	1.11E-05	
20	0.000825	0.000146	0.005016
0.000168	0.000210	1.02E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
21	0.000798	0.000158	0.003971
0.000151	0.000274	8.61E-06	
22	0.000755	0.000162	0.002304
0.000124	0.000398	6.91E-06	
23	0.000695	0.000158	6.17E-08
0.000109	0.000539	4.76E-06	
24	0.000619	0.000154	0.002321
0.000128	0.000655	2.83E-06	
25	0.000532	0.000158	0.003993
0.000156	0.000690	3.02E-06	
26	0.000453	0.000153	0.004991
0.000169	0.000619	5.14E-06	
27	0.000406	0.000142	0.005401
0.000171	0.000469	8.02E-06	
28	0.000398	0.000126	0.005350
0.000168	0.000292	1.05E-05	
29	0.000412	0.000107	0.004957
0.000162	0.000124	1.24E-05	
30	0.000442	0.000113	0.004291
0.000157	0.000159	1.37E-05	
31	0.000486	0.000124	0.003408
0.000151	0.000197	1.42E-05	
32	0.000544	0.000148	0.002354
0.000146	0.000229	1.38E-05	
33	0.000618	0.000193	0.001151
0.000150	0.000253	1.21E-05	
34	0.000694	0.000249	2.98E-08
0.000163	0.000260	1.03E-05	
35	0.000570	0.000239	2.13E-08
4.96E-06	0.000694	1.10E-05	
36	0.000560	0.000247	0.001102
7.18E-06	0.000664	1.30E-05	
37	0.000549	0.000252	0.002252
1.64E-05	0.000555	1.45E-05	
38	0.000540	0.000248	0.003256
2.58E-05	0.000413	1.50E-05	
39	0.000532	0.000238	0.004086
3.47E-05	0.000268	1.46E-05	
40	0.000527	0.000223	0.004693
4.36E-05	0.000122	1.36E-05	
41	0.000523	0.000228	0.005020
5.15E-05	2.00E-05	1.19E-05	
42	0.000523	0.000225	0.005001
5.72E-05	4.46E-05	9.99E-06	
43	0.000527	0.000215	0.004531
5.75E-05	0.000145	7.42E-06	
44	0.000536	0.000200	0.003525
4.60E-05	0.000258	4.60E-06	
45	0.000551	0.000182	0.001976
1.86E-05	0.000358	4.32E-06	
46	0.000570	0.000164	4.41E-08
7.97E-07	0.000431	5.58E-06	
47	0.000592	0.000166	0.001971
1.26E-05	0.000473	8.30E-06	
48	0.000617	0.000177	0.003514
3.93E-05	0.000470	1.07E-05	
49	0.000643	0.000184	0.004555
5.26E-05	0.000409	1.24E-05	
50	0.000667	0.000184	0.005028
5.43E-05	0.000291	1.32E-05	
51	0.000686	0.000178	0.004990
4.90E-05	0.000150	1.29E-05	
52	0.000697	0.000177	0.004991
4.87E-05	0.000123	1.17E-05	
53	0.000698	0.000182	0.005030
5.39E-05	0.000172	9.74E-06	
54	0.000685	0.000180	0.004558
5.22E-05	0.000198	7.45E-06	
55	0.000658	0.000173	0.003516
3.90E-05	0.000262	5.03E-06	
56	0.000618	0.000163	0.001973
1.25E-05	0.000353	5.35E-06	
57	0.000566	0.000164	4.41E-08
7.30E-07	0.000436	6.81E-06	
58	0.000506	0.000182	0.001978
1.85E-05	0.000497	8.90E-06	
59	0.000441	0.000199	0.003527
4.58E-05	0.000504	1.16E-05	
60	0.000381	0.000213	0.004533
5.72E-05	0.000438	1.40E-05	
61	0.000339	0.000220	0.005004
5.69E-05	0.000314	1.55E-05	
62	0.000322	0.000221	0.005023
5.12E-05	0.000169	1.62E-05	
63	0.000327	0.000216	0.004695
4.33E-05	9.64E-05	1.60E-05	
64	0.000349	0.000232	0.004088
3.45E-05	0.000147	1.50E-05	
65	0.000387	0.000245	0.003258
2.56E-05	0.000185	1.32E-05	
66	0.000438	0.000254	0.002254
1.62E-05	0.000218	1.08E-05	
67	0.000502	0.000257	0.001103
6.99E-06	0.000241	8.39E-06	
68	0.000568	0.000260	2.14E-08
5.09E-06	0.000248	7.67E-06	
69	0.000630	0.000212	2.59E-07
0.000172	0.001702	4.80E-05	
70	0.000620	0.000195	0.001122
4.00E-05	0.001195	5.48E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
71	0.000610	0.000180	0.002297
4.50E-05	0.001000	4.89E-05	
72	0.000600	0.000163	0.003324
5.43E-05	0.000837	4.72E-05	
73	0.000593	0.000144	0.004178
6.31E-05	0.000676	4.67E-05	
74	0.000587	0.000130	0.004811
7.21E-05	0.000519	4.80E-05	
75	0.000584	0.000139	0.005167
8.29E-05	0.000388	4.99E-05	
76	0.000584	0.000145	0.005176
9.54E-05	0.000347	5.60E-05	
77	0.000588	0.000150	0.004727
0.000109	0.000406	6.35E-05	
78	0.000597	0.000152	0.003712
0.000118	0.000509	6.44E-05	
79	0.000611	0.000150	0.002088
0.000104	0.000632	5.77E-05	
80	0.000631	0.000148	2.51E-08
4.54E-05	0.000767	4.60E-05	
81	0.000654	0.000145	0.002083
9.44E-05	0.000864	3.39E-05	
82	0.000680	0.000140	0.003700
0.000112	0.000892	3.02E-05	
83	0.000706	0.000131	0.004754
0.000105	0.000838	2.97E-05	
84	0.000731	0.000119	0.005205
8.78E-05	0.000711	3.33E-05	
85	0.000751	0.000104	0.005133
6.93E-05	0.000555	4.29E-05	
86	0.000764	0.000100	0.005134
6.90E-05	0.000459	5.98E-05	
87	0.000765	0.000112	0.005206
8.73E-05	0.000448	7.49E-05	
88	0.000754	0.000126	0.004755
0.000104	0.000451	8.56E-05	
89	0.000727	0.000137	0.003700
0.000111	0.000517	8.84E-05	
90	0.000685	0.000144	0.002084
9.39E-05	0.000631	8.36E-05	
91	0.000629	0.000149	1.64E-08
4.53E-05	0.000773	7.41E-05	
92	0.000560	0.000152	0.002088
0.000104	0.000891	6.26E-05	
93	0.000482	0.000153	0.003713
0.000117	0.000930	5.33E-05	
94	0.000410	0.000148	0.004728
0.000108	0.000873	4.63E-05	
95	0.000358	0.000141	0.005178
9.48E-05	0.000740	4.27E-05	
96	0.000350	0.000133	0.005168
8.25E-05	0.000581	4.18E-05	
97	0.000361	0.000124	0.004812
7.17E-05	0.000457	4.27E-05	
98	0.000389	0.000138	0.004179
6.29E-05	0.000443	4.49E-05	
99	0.000431	0.000158	0.003325
5.42E-05	0.000454	4.73E-05	
100	0.000487	0.000180	0.002297
4.49E-05	0.000478	5.66E-05	
101	0.000557	0.000204	0.001123
4.00E-05	0.000616	6.39E-05	
102	0.000628	0.000234	5.21E-08
0.000172	0.000306	8.78E-05	
103	0.000549	0.000414	.000000
6.32E-05	0.000964	3.97E-06	
104	0.000839	0.000450	.000000
4.47E-05	0.000535	5.02E-06	
105	5.02E-06	0.000275	.000000
0.000118	0.000534	4.76E-06	
106	0.001739	8.96E-05	.000000
0.000195	0.000221	1.03E-05	
107	0.000464	8.45E-06	.000000
1.16E-21	0.000692	1.10E-05	
108	0.000783	2.73E-08	.000000
7.85E-07	0.000431	5.58E-06	
109	.000000	.000000	.000000
1.02E-05	0.000436	6.81E-06	
110	0.001348	3.12E-05	.000000
1.18E-05	0.000247	7.67E-06	

COMB DB-G1-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000688	-2.13E-05	-4.36E-07
-2.46E-05	-0.000260	-1.22E-05	
2	-0.000665	-2.16E-05	-0.004203
-0.000123	-0.000253	-9.48E-06	
3	-0.000642	-2.31E-05	-0.008309
-0.000233	-0.000229	-6.48E-06	
4	-0.000622	-2.55E-05	-0.011401
-0.000314	-0.000197	-5.65E-06	
5	-0.000605	-3.89E-05	-0.013419
-0.000361	-0.000159	-5.03E-06	
6	-0.000593	-4.75E-05	-0.014238
-0.000380	-0.000124	-4.49E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
7	-0.000586	-4.75E-05	-0.013821
-0.000372	-0.000292	-4.17E-06	
8	-0.000586	-3.99E-05	-0.012252
-0.000336	-0.000469	-4.03E-06	
9	-0.000593	-2.48E-05	-0.009646
-0.000273	-0.000619	-4.00E-06	
10	-0.000612	-1.72E-05	-0.006376
-0.000188	-0.000690	-4.06E-06	
11	-0.000644	-9.23E-06	-0.002990
-0.000102	-0.000655	-4.42E-06	
12	-0.000690	-3.23E-06	-5.09E-07
-3.13E-05	-0.000536	-5.01E-06	
13	-0.000747	-1.82E-06	-0.002892
-8.16E-05	-0.000398	-4.87E-06	
14	-0.000814	-1.05E-05	-0.006033
-0.000156	-0.000274	-4.32E-06	
15	-0.000883	-3.13E-05	-0.009017
-0.000230	-0.000210	-5.48E-06	
16	-0.000945	-4.79E-05	-0.011334
-0.000287	-0.000186	-5.88E-06	
17	-0.000987	-5.72E-05	-0.012587
-0.000316	-0.000139	-5.77E-06	
18	-0.000999	-5.89E-05	-0.012587
-0.000316	-0.000249	-5.59E-06	
19	-0.000976	-5.21E-05	-0.011335
-0.000287	-0.000425	-5.26E-06	
20	-0.000922	-3.77E-05	-0.009018
-0.000230	-0.000569	-4.78E-06	
21	-0.000847	-1.70E-05	-0.006033
-0.000155	-0.000636	-4.18E-06	
22	-0.000766	-1.75E-06	-0.002891
-8.16E-05	-0.000621	-3.91E-06	
23	-0.000692	-3.41E-07	-5.09E-07
-3.12E-05	-0.000531	-3.83E-06	
24	-0.000632	-6.77E-06	-0.002990
-0.000102	-0.000402	-3.85E-06	
25	-0.000589	-1.50E-05	-0.006375
-0.000188	-0.000267	-3.80E-06	
26	-0.000563	-2.77E-05	-0.009645
-0.000273	-0.000136	-5.12E-06	
27	-0.000552	-4.61E-05	-0.012251
-0.000336	-3.06E-05	-5.66E-06	
28	-0.000553	-5.68E-05	-0.013820
-0.000372	-5.70E-05	-5.70E-06	
29	-0.000562	-5.86E-05	-0.014237
-0.000380	-0.000195	-5.62E-06	
30	-0.000579	-4.98E-05	-0.013419
-0.000361	-0.000373	-5.72E-06	
31	-0.000601	-3.04E-05	-0.011402
-0.000314	-0.000557	-5.76E-06	
32	-0.000628	-8.43E-06	-0.008310
-0.000233	-0.000748	-5.73E-06	
33	-0.000658	-1.46E-05	-0.004203
-0.000123	-0.000908	-5.60E-06	
34	-0.000687	-2.44E-05	-4.36E-07
-2.47E-05	-0.000959	-5.45E-06	
35	-0.000566	-1.44E-05	-1.02E-07
-0.000193	-0.000247	-9.23E-07	
36	-0.000542	-1.51E-05	-0.003041
-0.000286	-0.000241	-9.38E-07	
37	-0.000518	-1.69E-05	-0.006050
-0.000382	-0.000218	-1.53E-06	
38	-0.000497	-1.96E-05	-0.008353
-0.000455	-0.000185	-2.25E-06	
39	-0.000480	-2.17E-05	-0.009881
-0.000499	-0.000147	-2.79E-06	
40	-0.000468	-2.28E-05	-0.010534
-0.000515	-9.64E-05	-3.21E-06	
41	-0.000461	-2.27E-05	-0.010283
-0.000504	-0.000169	-3.45E-06	
42	-0.000461	-2.11E-05	-0.009171
-0.000466	-0.000314	-3.45E-06	
43	-0.000470	-1.79E-05	-0.007293
-0.000398	-0.000438	-3.01E-06	
44	-0.000490	-1.28E-05	-0.004897
-0.000305	-0.000504	-2.16E-06	
45	-0.000522	-5.80E-06	-0.002353
-0.000209	-0.000497	-2.64E-06	
46	-0.000565	-1.05E-06	-1.40E-07
-0.000126	-0.000435	-3.32E-06	
47	-0.000615	-1.63E-06	-0.002268
-0.000192	-0.000353	-3.10E-06	
48	-0.000669	-4.08E-06	-0.004630
-0.000275	-0.000262	-2.64E-06	
49	-0.000722	-6.95E-06	-0.006825
-0.000357	-0.000198	-2.75E-06	
50	-0.000767	-8.53E-06	-0.008505
-0.000420	-0.000172	-3.20E-06	
51	-0.000794	-9.02E-06	-0.009412
-0.000453	-0.000123	-3.53E-06	
52	-0.000798	-8.90E-06	-0.009413
-0.000453	-0.000149	-3.72E-06	
53	-0.000778	-8.29E-06	-0.008508
-0.000420	-0.000291	-3.75E-06	
54	-0.000737	-6.74E-06	-0.006827
-0.000357	-0.000409	-3.61E-06	
55	-0.000681	-3.94E-06	-0.004633
-0.000275	-0.000471	-3.32E-06	
56	-0.000620	-1.60E-06	-0.002270
-0.000192	-0.000473	-2.90E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
57	-0.000561	-9.49E-07	-1.40E-07
-0.000126	-0.000432	-3.35E-06	
58	-0.000511	-6.78E-06	-0.002354

-0.000209	-0.000358	-3.13E-06	
59	-0.000471	-1.44E-05	-0.004899
-0.000305	-0.000258	-2.66E-06	
60	-0.000445	-1.96E-05	-0.007295
-0.000397	-0.000145	-2.16E-06	
61	-0.000433	-2.23E-05	-0.009174
-0.000465	-4.46E-05	-2.70E-06	
62	-0.000432	-2.27E-05	-0.010284
-0.000504	-2.00E-05	-3.29E-06	
63	-0.000440	-2.13E-05	-0.010536
-0.000515	-0.000122	-3.80E-06	
64	-0.000456	-1.82E-05	-0.009883
-0.000499	-0.000268	-4.18E-06	
65	-0.000476	-1.38E-05	-0.008355
-0.000455	-0.000413	-4.44E-06	
66	-0.000502	-8.39E-06	-0.006051
-0.000382	-0.000555	-4.57E-06	
67	-0.000531	-1.07E-05	-0.003042
-0.000286	-0.000664	-4.59E-06	
68	-0.000558	-1.75E-05	-1.02E-07
-0.000193	-0.000694	-4.94E-06	
69	-0.000626	-1.77E-05	-0.000468
-2.21E-05	-0.000307	-0.000111	
70	-0.000603	-1.83E-05	-0.003784
-0.000183	-0.000616	-7.21E-05	
71	-0.000579	-2.00E-05	-0.007369
-0.000375	-0.000478	-6.19E-05	
72	-0.000558	-2.25E-05	-0.010162
-0.000489	-0.000454	-5.76E-05	
73	-0.000542	-2.44E-05	-0.012052
-0.000553	-0.000443	-5.33E-05	
74	-0.000529	-2.55E-05	-0.012831
-0.000571	-0.000457	-4.85E-05	
75	-0.000516	-2.53E-05	-0.012481
-0.000549	-0.000581	-4.43E-05	
76	-0.000522	-2.38E-05	-0.011045
-0.000491	-0.000740	-4.08E-05	
77	-0.000531	-2.05E-05	-0.008674
-0.000395	-0.000873	-3.86E-05	
78	-0.000550	-1.52E-05	-0.005778
-0.000264	-0.000930	-3.83E-05	
79	-0.000582	-7.83E-06	-0.002780
-0.000117	-0.000891	-3.99E-05	
80	-0.000626	-2.16E-06	-0.000334
-1.33E-05	-0.000773	-4.36E-05	
81	-0.000681	-1.74E-06	-0.002698
-9.94E-05	-0.000631	-4.69E-05	
82	-0.000743	-4.39E-06	-0.005480
-0.000237	-0.000517	-4.85E-05	
83	-0.000806	-7.16E-06	-0.008151
-0.000363	-0.000451	-4.83E-05	
84	-0.000861	-8.60E-06	-0.010286
-0.000450	-0.000448	-4.68E-05	
85	-0.000899	-9.01E-06	-0.011437
-0.000494	-0.000459	-4.55E-05	
86	-0.000911	-8.90E-06	-0.011438
-0.000494	-0.000554	-4.53E-05	
87	-0.000888	-8.51E-06	-0.010288
-0.000450	-0.000711	-4.72E-05	
88	-0.000834	-7.09E-06	-0.008153
-0.000363	-0.000838	-5.22E-05	
89	-0.000766	-4.33E-06	-0.005481
-0.000236	-0.000892	-5.96E-05	
90	-0.000694	-1.69E-06	-0.002698
-9.91E-05	-0.000864	-6.75E-05	
91	-0.000627	-6.95E-07	-0.000334
-1.32E-05	-0.000768	-7.63E-05	
92	-0.000571	-7.10E-06	-0.002780
-0.000116	-0.000632	-8.19E-05	
93	-0.000529	-1.49E-05	-0.005778
-0.000264	-0.000509	-8.03E-05	
94	-0.000503	-2.00E-05	-0.008674
-0.000394	-0.000406	-7.07E-05	
95	-0.000491	-2.25E-05	-0.011046
-0.000491	-0.000347	-5.54E-05	
96	-0.000491	-2.28E-05	-0.012482
-0.000549	-0.000388	-4.12E-05	
97	-0.000500	-2.12E-05	-0.012832
-0.000571	-0.000519	-3.47E-05	
98	-0.000516	-1.80E-05	-0.012052
-0.000553	-0.000676	-2.98E-05	
99	-0.000538	-1.36E-05	-0.010163
-0.000489	-0.000837	-2.78E-05	
100	-0.000563	-8.20E-06	-0.007369
-0.000375	-0.001000	-2.75E-05	
101	-0.000593	-1.27E-05	-0.003785
-0.000183	-0.001195	-3.30E-05	
102	-0.000621	-2.11E-05	-0.000468
-2.19E-05	-0.001703	-2.30E-05	
103	-0.000982	-0.000131	.000000
-6.00E-05	-0.000265	-1.22E-05	
104	-0.001231	-0.000328	.000000
-7.72E-21	-0.000531	-5.01E-06	
105	-2.27E-08	-1.24E-06	.000000
-3.37E-05	-0.000531	-3.83E-06	
106	-0.000699	-5.62E-06	.000000
-0.000317	-0.000892	-5.45E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
107	-0.000655	-1.19E-05	.000000
-0.000196	-0.000251	-9.23E-07	
108	-0.001080	-3.77E-08	.000000
-0.000126	-0.000435	-3.32E-06	
109	.000000	-2.28E-05	.000000
-0.001130	-0.000398	-3.35E-06	
110	-0.000855	-4.92E-05	.000000
-0.000233	-0.000683	-4.94E-06	

COMB DB-G1-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000871	0.000291	3.44E-08
0.000239	0.001153	5.74E-06	
2	0.000858	0.000250	0.001516
0.000284	0.001089	5.50E-06	
3	0.000844	0.000211	0.003099
0.000341	0.000895	6.13E-06	
4	0.000831	0.000189	0.004486
0.000387	0.000661	8.57E-06	
5	0.000821	0.000167	0.005643
0.000415	0.000433	1.07E-05	
6	0.000814	0.000151	0.006507
0.000425	0.000213	1.20E-05	
7	0.000810	0.000174	0.007003
0.000418	5.74E-05	1.25E-05	
8	0.000810	0.000195	0.007039
0.000392	4.90E-05	1.19E-05	
9	0.000815	0.000211	0.006463
0.000345	0.000188	1.06E-05	
10	0.000827	0.000220	0.005124
0.000277	0.000354	9.22E-06	
11	0.000847	0.000220	0.002944
0.000197	0.000518	7.47E-06	
12	0.000873	0.000219	7.50E-08
0.000141	0.000664	5.63E-06	
13	0.000904	0.000221	0.002928
0.000199	0.000760	4.12E-06	
14	0.000939	0.000216	0.005101
0.000271	0.000771	4.24E-06	
15	0.000975	0.000202	0.006498
0.000333	0.000684	6.03E-06	
16	0.001008	0.000181	0.007080
0.000373	0.000503	8.41E-06	
17	0.001036	0.000157	0.006961
0.000388	0.000285	1.03E-05	
18	0.001053	0.000151	0.006962
0.000388	0.000179	1.13E-05	
19	0.001056	0.000176	0.007081
0.000373	0.000242	1.14E-05	
20	0.001040	0.000198	0.006500
0.000333	0.000275	1.03E-05	
21	0.001004	0.000214	0.005102
0.000271	0.000362	8.75E-06	
22	0.000948	0.000222	0.002928
0.000198	0.000513	7.12E-06	
23	0.000871	0.000221	7.50E-08
0.000140	0.000672	5.05E-06	
24	0.000777	0.000218	0.002945
0.000197	0.000806	3.48E-06	
25	0.000671	0.000221	0.005124
0.000276	0.000842	3.76E-06	
26	0.000574	0.000213	0.006463
0.000344	0.000752	5.77E-06	
27	0.000514	0.000198	0.007040
0.000391	0.000566	8.41E-06	
28	0.000498	0.000177	0.007004
0.000417	0.000346	1.07E-05	
29	0.000512	0.000151	0.006508
0.000425	0.000153	1.24E-05	
30	0.000549	0.000164	0.005644
0.000415	0.000206	1.35E-05	
31	0.000606	0.000184	0.004487
0.000387	0.000257	1.39E-05	
32	0.000681	0.000215	0.003100
0.000341	0.000301	1.33E-05	
33	0.000776	0.000264	0.001516
0.000284	0.000332	1.16E-05	
34	0.000873	0.000320	3.43E-08
0.000239	0.000342	9.91E-06	
35	0.000832	0.000304	3.46E-08
4.52E-05	0.001071	1.23E-05	
36	0.000819	0.000299	0.001524
9.35E-05	0.001015	1.41E-05	
37	0.000804	0.000291	0.003114
0.000150	0.000839	1.54E-05	
38	0.000792	0.000278	0.004504
0.000190	0.000620	1.58E-05	
39	0.000782	0.000264	0.005658
0.000210	0.000404	1.54E-05	
40	0.000774	0.000256	0.006510
0.000215	0.000193	1.44E-05	
41	0.000770	0.000268	0.006986
0.000215	4.03E-05	1.28E-05	
42	0.000769	0.000272	0.006993
0.000202	5.58E-05	1.09E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
43	0.000775	0.000269	0.006381
0.000168	0.000195	8.42E-06	
44	0.000787	0.000258	0.005017
0.000115	0.000356	5.96E-06	
45	0.000807	0.000243	0.002852
4.84E-05	0.000507	6.29E-06	
46	0.000833	0.000227	6.76E-08
7.57E-06	0.000633	7.30E-06	
47	0.000864	0.000227	0.002841
4.93E-05	0.000712	9.47E-06	
48	0.000899	0.000233	0.004998
0.000108	0.000716	1.15E-05	
49	0.000934	0.000235	0.006415
0.000154	0.000631	1.32E-05	
50	0.000968	0.000228	0.007028
0.000179	0.000459	1.41E-05	
51	0.000994	0.000214	0.006937
0.000181	0.000252	1.40E-05	
52	0.001011	0.000214	0.006938
0.000181	0.000175	1.30E-05	
53	0.001013	0.000227	0.007029
0.000178	0.000240	1.11E-05	
54	0.000997	0.000232	0.006417
0.000153	0.000274	8.90E-06	
55	0.000961	0.000231	0.005000
0.000108	0.000361	6.59E-06	
56	0.000905	0.000225	0.002842
4.90E-05	0.000500	7.32E-06	
57	0.000831	0.000227	6.76E-08
7.39E-06	0.000639	8.45E-06	
58	0.000742	0.000243	0.002853
4.83E-05	0.000752	1.00E-05	
59	0.000642	0.000257	0.005019
0.000114	0.000778	1.21E-05	
60	0.000552	0.000265	0.006383
0.000168	0.000689	1.39E-05	
61	0.000492	0.000267	0.006995
0.000201	0.000511	1.53E-05	
62	0.000474	0.000261	0.006988
0.000215	0.000301	1.61E-05	
63	0.000485	0.000247	0.006513
0.000215	0.000156	1.61E-05	
64	0.000519	0.000256	0.005660
0.000210	0.000203	1.54E-05	
65	0.000573	0.000277	0.004506
0.000190	0.000255	1.42E-05	
66	0.000645	0.000296	0.003116
0.000150	0.000300	1.28E-05	
67	0.000738	0.000312	0.001525
9.33E-05	0.000332	1.19E-05	
68	0.000832	0.000328	3.47E-08
4.53E-05	0.000342	1.19E-05	
69	0.000850	0.000271	3.65E-07
0.000172	0.002014	5.91E-05	
70	0.000837	0.000247	0.001514
0.000161	0.001470	6.46E-05	
71	0.000823	0.000227	0.003098
0.000276	0.001225	5.90E-05	
72	0.000810	0.000203	0.004484
0.000346	0.001001	5.77E-05	
73	0.000800	0.000178	0.005635
0.000385	0.000782	5.77E-05	
74	0.000792	0.000170	0.006488
0.000398	0.000572	5.97E-05	
75	0.000788	0.000185	0.006967
0.000390	0.000404	6.24E-05	
76	0.000788	0.000197	0.006980
0.000363	0.000370	6.91E-05	
77	0.000793	0.000205	0.006372
0.000318	0.000464	7.72E-05	
78	0.000805	0.000209	0.005002
0.000251	0.000609	7.93E-05	
79	0.000825	0.000208	0.002810
0.000158	0.000772	7.43E-05	
80	0.000851	0.000206	5.47E-08
5.39E-05	0.000943	6.43E-05	
81	0.000882	0.000202	0.002805
0.000152	0.001062	5.39E-05	
82	0.000917	0.000194	0.004987
0.000246	0.001092	5.08E-05	
83	0.000953	0.000182	0.006410
0.000310	0.001017	5.03E-05	
84	0.000986	0.000164	0.007020
0.000342	0.000847	5.31E-05	
85	0.001013	0.000144	0.006924
0.000349	0.000636	6.09E-05	
86	0.001030	0.000140	0.006925
0.000349	0.000511	7.47E-05	
87	0.001033	0.000159	0.007022
0.000341	0.000516	8.63E-05	
88	0.001017	0.000177	0.006412
0.000309	0.000527	9.34E-05	
89	0.000980	0.000192	0.004988
0.000245	0.000616	9.31E-05	
90	0.000924	0.000201	0.002806
0.000152	0.000768	8.59E-05	
91	0.000849	0.000206	4.05E-08
5.38E-05	0.000950	7.34E-05	
92	0.000755	0.000209	0.002811
0.000158	0.001103	6.07E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
93	0.000651	0.000210	0.005003
0.000250	0.001153	5.37E-05	
94	0.000553	0.000203	0.006373
0.000317	0.001077	5.02E-05	
95	0.000484	0.000193	0.006981
0.000363	0.000901	5.03E-05	
96	0.000472	0.000179	0.006969
0.000389	0.000688	5.33E-05	
97	0.000488	0.000163	0.006490
0.000397	0.000509	5.80E-05	
98	0.000525	0.000173	0.005636
0.000385	0.000501	6.41E-05	
99	0.000582	0.000200	0.004485
0.000346	0.000525	7.06E-05	
100	0.000657	0.000229	0.003098
0.000276	0.000561	8.38E-05	
101	0.000752	0.000259	0.001514
0.000161	0.000710	9.49E-05	
102	0.000849	0.000295	7.58E-08
0.000172	0.000396	0.000130	
103	0.000677	0.000567	.000000
0.000105	0.001168	5.74E-06	
104	0.001066	0.000588	.000000
6.99E-05	0.000674	5.63E-06	
105	6.87E-06	0.000376	.000000
0.000150	0.000669	5.05E-06	
106	0.002156	0.000140	.000000
0.000259	0.000292	9.91E-06	
107	0.000689	1.25E-05	.000000
1.68E-05	0.001070	1.23E-05	
108	0.001126	3.93E-08	.000000
7.54E-06	0.000633	7.30E-06	
109	.000000	.000000	.000000
1.81E-05	0.000640	8.45E-06	
110	0.002010	4.48E-05	.000000
4.08E-05	0.000341	1.19E-05	

COMB DB-G1-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000864	-5.50E-05	-4.25E-07
-3.13E-05	-0.000342	-1.42E-05	
2	-0.000833	-4.12E-05	-0.005071
-0.000124	-0.000332	-1.20E-05	
3	-0.000801	-2.83E-05	-0.010043
-0.000228	-0.000301	-9.62E-06	
4	-0.000774	-2.95E-05	-0.013804
-0.000305	-0.000257	-9.80E-06	
5	-0.000752	-4.38E-05	-0.016270
-0.000352	-0.000206	-1.04E-05	
6	-0.000735	-5.27E-05	-0.017288
-0.000373	-0.000152	-1.07E-05	
7	-0.000726	-5.33E-05	-0.016810
-0.000367	-0.000346	-1.08E-05	
8	-0.000726	-4.64E-05	-0.014930
-0.000334	-0.000566	-1.05E-05	
9	-0.000737	-3.19E-05	-0.011791
-0.000273	-0.000752	-9.88E-06	
10	-0.000763	-2.57E-05	-0.007832
-0.000186	-0.000842	-8.81E-06	
11	-0.000806	-1.81E-05	-0.003701
-9.15E-05	-0.000806	-7.75E-06	
12	-0.000866	-1.08E-05	-5.07E-07
-3.03E-05	-0.000672	-6.95E-06	
13	-0.000939	-6.26E-06	-0.003576
-7.93E-05	-0.000513	-6.05E-06	
14	-0.001023	-1.36E-05	-0.007411
-0.000160	-0.000362	-6.13E-06	
15	-0.001108	-3.38E-05	-0.011028
-0.000236	-0.000275	-8.46E-06	
16	-0.001183	-4.93E-05	-0.013824
-0.000290	-0.000242	-1.01E-05	
17	-0.001232	-5.76E-05	-0.015334
-0.000314	-0.000179	-1.10E-05	
18	-0.001244	-5.86E-05	-0.015335
-0.000314	-0.000284	-1.15E-05	
19	-0.001215	-5.22E-05	-0.013826
-0.000290	-0.000503	-1.13E-05	
20	-0.001148	-3.88E-05	-0.011030
-0.000236	-0.000684	-1.04E-05	
21	-0.001056	-1.89E-05	-0.007412
-0.000160	-0.000771	-8.92E-06	
22	-0.000958	-2.60E-06	-0.003577
-7.94E-05	-0.000760	-7.40E-06	
23	-0.000866	-5.88E-06	-5.07E-07
-3.03E-05	-0.000664	-5.89E-06	
24	-0.000790	-1.58E-05	-0.003701
-9.13E-05	-0.000518	-4.80E-06	
25	-0.000733	-2.59E-05	-0.007833
-0.000186	-0.000354	-5.52E-06	
26	-0.000698	-3.87E-05	-0.011791
-0.000273	-0.000188	-8.30E-06	
27	-0.000683	-5.48E-05	-0.014930
-0.000334	-4.90E-05	-1.03E-05	
28	-0.000684	-6.33E-05	-0.016810
-0.000366	-5.74E-05	-1.16E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
29	-0.000696	-6.36E-05	-0.017288
-0.000372	-0.000213	-1.25E-05	
30	-0.000718	-5.42E-05	-0.016271
-0.000351	-0.000433	-1.32E-05	
31	-0.000747	-3.53E-05	-0.013805
-0.000305	-0.000661	-1.35E-05	
32	-0.000783	-1.33E-05	-0.010044
-0.000228	-0.000895	-1.32E-05	
33	-0.000823	-1.75E-05	-0.005071
-0.000124	-0.001090	-1.21E-05	
34	-0.000861	-4.09E-05	-4.25E-07
-3.14E-05	-0.001153	-1.09E-05	
35	-0.000824	-5.48E-05	-2.97E-07
-0.000246	-0.000342	-4.72E-06	
36	-0.000793	-6.67E-05	-0.004707
-0.000314	-0.000332	-5.64E-06	
37	-0.000760	-7.91E-05	-0.009339
-0.000376	-0.000300	-6.83E-06	
38	-0.000732	-8.86E-05	-0.012861
-0.000446	-0.000255	-7.52E-06	
39	-0.000710	-9.28E-05	-0.015179
-0.000489	-0.000203	-7.58E-06	
40	-0.000693	-9.10E-05	-0.016147
-0.000509	-0.000156	-7.16E-06	
41	-0.000684	-8.37E-05	-0.015719
-0.000504	-0.000301	-6.24E-06	
42	-0.000684	-7.09E-05	-0.013979
-0.000474	-0.000511	-4.81E-06	
43	-0.000695	-5.39E-05	-0.011063
-0.000414	-0.000689	-4.04E-06	
44	-0.000722	-3.42E-05	-0.007377
-0.000328	-0.000778	-3.01E-06	
45	-0.000766	-1.47E-05	-0.003508
-0.000244	-0.000752	-3.57E-06	
46	-0.000824	-9.83E-06	-3.64E-07
-0.000175	-0.000639	-5.22E-06	
47	-0.000896	-2.00E-05	-0.003383
-0.000227	-0.000500	-6.19E-06	
48	-0.000975	-3.38E-05	-0.006969
-0.000303	-0.000361	-6.69E-06	
49	-0.001055	-4.80E-05	-0.010333
-0.000378	-0.000274	-7.38E-06	
50	-0.001124	-5.82E-05	-0.012925
-0.000432	-0.000240	-7.88E-06	
51	-0.001168	-6.33E-05	-0.014327
-0.000456	-0.000175	-7.65E-06	
52	-0.001178	-6.27E-05	-0.014327
-0.000456	-0.000251	-6.78E-06	
53	-0.001150	-5.67E-05	-0.012928
-0.000432	-0.000459	-5.41E-06	
54	-0.001087	-4.56E-05	-0.010335
-0.000378	-0.000631	-4.84E-06	
55	-0.001003	-3.11E-05	-0.006971
-0.000303	-0.000716	-4.48E-06	
56	-0.000911	-1.79E-05	-0.003384
-0.000227	-0.000712	-3.96E-06	
57	-0.000824	-9.61E-06	-3.64E-07
-0.000175	-0.000634	-5.25E-06	
58	-0.000750	-1.78E-05	-0.003509
-0.000244	-0.000508	-6.46E-06	
59	-0.000694	-3.90E-05	-0.007378
-0.000328	-0.000356	-7.34E-06	
60	-0.000659	-5.87E-05	-0.011065
-0.000413	-0.000195	-7.80E-06	
61	-0.000643	-7.41E-05	-0.013980
-0.000473	-5.59E-05	-8.73E-06	
62	-0.000643	-8.39E-05	-0.015720
-0.000504	-4.02E-05	-9.11E-06	
63	-0.000655	-8.73E-05	-0.016149
-0.000509	-0.000193	-8.83E-06	
64	-0.000677	-8.39E-05	-0.015181
-0.000489	-0.000404	-7.91E-06	
65	-0.000706	-7.37E-05	-0.012863
-0.000445	-0.000620	-6.72E-06	
66	-0.000741	-5.76E-05	-0.009341
-0.000376	-0.000839	-6.17E-06	
67	-0.000781	-4.47E-05	-0.004708
-0.000314	-0.001015	-6.25E-06	
68	-0.000819	-3.76E-05	-2.97E-07
-0.000246	-0.001071	-6.64E-06	
69	-0.000842	-5.67E-05	-0.000627
-4.55E-05	-0.000397	-0.000135	
70	-0.000811	-5.56E-05	-0.005105
-0.000176	-0.000710	-9.42E-05	
71	-0.000779	-5.49E-05	-0.009945
-0.000354	-0.000560	-8.37E-05	
72	-0.000751	-5.43E-05	-0.013700
-0.000462	-0.000525	-7.56E-05	
73	-0.000729	-5.30E-05	-0.016234
-0.000525	-0.000501	-6.67E-05	
74	-0.000712	-4.94E-05	-0.017278
-0.000547	-0.000509	-5.93E-05	
75	-0.000703	-4.41E-05	-0.016808
-0.000534	-0.000688	-5.60E-05	
76	-0.000703	-3.64E-05	-0.014881
-0.000488	-0.000900	-5.39E-05	
77	-0.000714	-2.83E-05	-0.011702
-0.000409	-0.001078	-5.36E-05	
78	-0.000741	-2.02E-05	-0.007798
-0.000295	-0.001153	-5.59E-05	

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TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
79	-0.000784	-1.40E-05	-0.003754
-0.000152	-0.001103	-6.05E-05	
80	-0.000844	-1.13E-05	-0.000438
-3.19E-05	-0.000950	-6.74E-05	
81	-0.000917	-1.38E-05	-0.003641
-0.000140	-0.000768	-7.37E-05	
82	-0.001001	-1.87E-05	-0.007392
-0.000273	-0.000616	-7.75E-05	
83	-0.001086	-2.34E-05	-0.010984
-0.000383	-0.000527	-7.77E-05	
84	-0.001160	-2.62E-05	-0.013841
-0.000452	-0.000516	-7.45E-05	
85	-0.001211	-2.78E-05	-0.015385
-0.000482	-0.000511	-6.99E-05	
86	-0.001227	-2.69E-05	-0.015386
-0.000481	-0.000636	-6.54E-05	
87	-0.001196	-2.41E-05	-0.013843
-0.000451	-0.000847	-6.23E-05	
88	-0.001124	-1.94E-05	-0.010987
-0.000382	-0.001017	-6.19E-05	
89	-0.001033	-1.45E-05	-0.007394
-0.000272	-0.001092	-6.43E-05	
90	-0.000936	-1.05E-05	-0.003642
-0.000140	-0.001062	-6.84E-05	
91	-0.000845	-8.72E-06	-0.000437
-3.18E-05	-0.000943	-7.54E-05	
92	-0.000770	-1.45E-05	-0.003754
-0.000152	-0.000772	-8.30E-05	
93	-0.000713	-2.35E-05	-0.007799
-0.000294	-0.000609	-8.46E-05	
94	-0.000678	-3.25E-05	-0.011703
-0.000408	-0.000464	-7.74E-05	
95	-0.000662	-3.85E-05	-0.014882
-0.000488	-0.000370	-6.64E-05	
96	-0.000662	-4.20E-05	-0.016809
-0.000533	-0.000404	-5.58E-05	
97	-0.000674	-4.30E-05	-0.017279
-0.000547	-0.000572	-5.14E-05	
98	-0.000695	-4.09E-05	-0.016234
-0.000524	-0.000782	-4.84E-05	
99	-0.000725	-3.56E-05	-0.013702
-0.000462	-0.001001	-4.79E-05	
100	-0.000760	-2.95E-05	-0.009945

-0.000354	-0.001225	-4.89E-05	
101	-0.000800	-3.30E-05	-0.005107
-0.000176	-0.001470	-5.48E-05	
102	-0.000839	-4.14E-05	-0.000627
-4.53E-05	-0.002014	-4.91E-05	
103	-0.001155	-0.000157	.000000
-4.53E-05	-0.000346	-1.42E-05	
104	-0.001560	-0.000407	.000000
5.43E-21	-0.000659	-6.95E-06	
105	-3.15E-08	-1.72E-06	.000000
-3.48E-05	-0.000664	-5.89E-06	
106	-0.001256	-7.94E-23	.000000
-0.000343	-0.001090	-1.09E-05	
107	-0.001051	-1.91E-05	.000000
-0.000249	-0.000347	-4.72E-06	
108	-0.001560	-5.45E-08	.000000
-0.000175	-0.000639	-5.22E-06	
109	.000000	.000000	.000000
-0.000182	-0.000629	-5.25E-06	
110	-0.001229	-7.33E-05	.000000
-0.000303	-0.001058	-6.64E-06	

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JOINT	U1	U2	U3
R1	R2	R3	
1	0.000283	1.53E-05	1.15E-08
7.62E-05	0.000317	4.84E-06	
2	0.000278	9.77E-06	0.000567
0.000164	0.000297	2.54E-06	
3	0.000272	4.71E-06	0.001160
0.000259	0.000243	3.55E-07	
4	0.000267	3.86E-06	0.001677
0.000327	0.000173	3.17E-07	
5	0.000263	1.27E-05	0.002104
0.000364	0.000103	2.85E-07	
6	0.000260	2.55E-05	0.002414
0.000374	3.68E-05	2.55E-07	
7	0.000259	3.11E-05	0.002577
0.000358	7.32E-06	2.45E-07	
8	0.000259	3.02E-05	0.002557
0.000315	2.79E-05	4.64E-07	
9	0.000261	2.27E-05	0.002303
0.000249	7.97E-05	7.71E-07	
10	0.000265	1.11E-05	0.001775
0.000165	0.000136	1.14E-06	
11	0.000273	8.45E-06	0.000983
8.46E-05	0.000182	1.46E-06	
12	0.000283	7.86E-06	2.15E-08
2.64E-05	0.000211	1.50E-06	
13	0.000295	6.83E-06	0.000982
8.82E-05	0.000225	7.87E-07	
14	0.000308	6.25E-06	0.001772
0.000157	0.000220	9.66E-07	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
15	0.000321	1.00E-05	0.002319
0.000226	0.000188	1.90E-06	
16	0.000333	2.16E-05	0.002577
0.000280	0.000131	2.30E-06	
17	0.000342	2.82E-05	0.002569
0.000308	6.34E-05	2.34E-06	
18	0.000348	2.93E-05	0.002571
0.000308	6.25E-05	2.17E-06	
19	0.000348	2.41E-05	0.002579
0.000280	8.83E-05	1.91E-06	
20	0.000341	1.39E-05	0.002321
0.000226	0.000102	1.59E-06	
21	0.000327	2.12E-06	0.001774
0.000157	0.000136	1.25E-06	
22	0.000306	2.74E-06	0.000983
8.80E-05	0.000180	1.47E-06	
23	0.000280	5.03E-06	2.15E-08
2.64E-05	0.000215	1.49E-06	
24	0.000251	7.03E-06	0.000984
8.44E-05	0.000241	7.03E-07	
25	0.000220	8.24E-06	0.001777
0.000165	0.000244	7.74E-07	
26	0.000192	2.11E-05	0.002304
0.000249	0.000215	1.84E-06	
27	0.000171	3.16E-05	0.002559
0.000315	0.000158	2.34E-06	
28	0.000162	3.66E-05	0.002578
0.000357	8.96E-05	2.50E-06	
29	0.000163	3.57E-05	0.002416
0.000374	4.71E-05	2.48E-06	
30	0.000173	2.77E-05	0.002105
0.000364	7.37E-05	2.40E-06	
31	0.000192	1.27E-05	0.001678
0.000327	9.43E-05	2.29E-06	
32	0.000218	5.83E-06	0.001160
0.000259	0.000112	2.14E-06	
33	0.000251	5.11E-06	0.000567
0.000164	0.000124	1.94E-06	
34	0.000284	4.78E-06	1.14E-08
7.62E-05	0.000128	1.76E-06	
35	0.000399	1.95E-05	2.00E-08
0.000100	0.000567	2.46E-07	
36	0.000394	1.78E-05	0.000648
0.000190	0.000528	2.41E-07	
37	0.000388	1.58E-05	0.001323
0.000287	0.000425	3.87E-07	
38	0.000383	1.39E-05	0.001915
0.000356	0.000308	5.67E-07	
39	0.000379	1.19E-05	0.002411
0.000394	0.000207	7.23E-07	
40	0.000376	9.91E-06	0.002787
0.000401	0.000101	8.66E-07	
41	0.000374	7.85E-06	0.003012
0.000381	2.66E-05	9.48E-07	
42	0.000374	5.61E-06	0.003049
0.000334	1.77E-05	8.78E-07	
43	0.000377	3.40E-06	0.002828
0.000261	7.64E-05	4.93E-07	
44	0.000382	3.08E-06	0.002276
0.000172	0.000150	1.02E-06	
45	0.000390	4.30E-06	0.001333
8.69E-05	0.000228	2.02E-06	
46	0.000401	5.78E-06	3.55E-08
3.02E-05	0.000306	2.71E-06	
47	0.000414	7.52E-06	0.001325
9.68E-05	0.000360	2.66E-06	
48	0.000429	9.44E-06	0.002266
0.000170	0.000370	2.38E-06	
49	0.000444	1.14E-05	0.002844
0.000245	0.000332	2.06E-06	
50	0.000458	1.30E-05	0.003063
0.000303	0.000250	1.76E-06	
51	0.000470	1.40E-05	0.002986
0.000333	0.000149	1.50E-06	
52	0.000478	1.43E-05	0.002985
0.000333	7.85E-05	1.41E-06	
53	0.000481	1.34E-05	0.003062
0.000303	0.000104	1.25E-06	
54	0.000475	1.08E-05	0.002843
0.000244	0.000117	7.69E-07	
55	0.000460	6.05E-06	0.002265
0.000170	0.000152	5.40E-07	
56	0.000436	5.27E-06	0.001324
9.66E-05	0.000225	1.04E-06	
57	0.000402	5.67E-06	3.55E-08
3.01E-05	0.000310	2.00E-06	
58	0.000358	6.01E-06	0.001332
8.68E-05	0.000386	2.20E-06	
59	0.000308	6.28E-06	0.002275
0.000172	0.000413	2.11E-06	
60	0.000261	6.48E-06	0.002827
0.000261	0.000377	1.95E-06	
61	0.000235	6.56E-06	0.003048
0.000334	0.000294	1.81E-06	
62	0.000231	6.50E-06	0.003011
0.000381	0.000194	1.74E-06	
63	0.000239	6.35E-06	0.002786
0.000401	9.55E-05	1.67E-06	
64	0.000256	6.14E-06	0.002411
0.000393	8.66E-05	1.57E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
65	0.000282	5.85E-06	0.001915
0.000356	0.000108	1.43E-06	
66	0.000315	5.49E-06	0.001323
0.000287	0.000127	1.24E-06	
67	0.000357	5.13E-06	0.000648
0.000190	0.000140	1.02E-06	
68	0.000401	4.85E-06	1.99E-08
0.000100	0.000145	1.77E-06	
69	0.000340	1.71E-05	3.73E-05
2.77E-06	0.000448	2.58E-05	
70	0.000335	1.35E-05	0.000607
0.000172	0.000407	2.18E-05	
71	0.000329	1.00E-05	0.001241
0.000345	0.000332	2.27E-05	
72	0.000324	7.32E-06	0.001795
0.000445	0.000237	2.30E-05	
73	0.000320	5.19E-06	0.002257
0.000499	0.000149	2.35E-05	
74	0.000317	3.43E-06	0.002599
0.000509	6.59E-05	2.41E-05	
75	0.000315	3.23E-06	0.002793
0.000482	9.02E-06	2.49E-05	
76	0.000315	4.07E-06	0.002801
0.000421	2.34E-05	2.60E-05	
77	0.000318	4.90E-06	0.002563
0.000328	7.90E-05	2.75E-05	
78	0.000322	5.66E-06	0.002023
0.000210	0.000144	2.91E-05	
79	0.000330	6.24E-06	0.001157
8.15E-05	0.000206	3.07E-05	
80	0.000341	6.66E-06	2.29E-05
1.45E-06	0.000258	3.22E-05	
81	0.000353	7.04E-06	0.001152
8.61E-05	0.000291	3.34E-05	
82	0.000367	7.60E-06	0.002016
0.000209	0.000293	3.42E-05	
83	0.000381	8.25E-06	0.002579
0.000318	0.000258	3.44E-05	
84	0.000395	8.58E-06	0.002818
0.000394	0.000189	3.39E-05	
85	0.000405	8.40E-06	0.002776
0.000434	0.000105	3.27E-05	
86	0.000412	7.64E-06	0.002777
0.000434	7.06E-05	3.07E-05	
87	0.000413	6.29E-06	0.002818
0.000394	9.63E-05	2.79E-05	
88	0.000407	4.19E-06	0.002579
0.000318	0.000110	2.42E-05	
89	0.000393	2.96E-06	0.002017
0.000208	0.000144	2.04E-05	
90	0.000370	3.68E-06	0.001153
8.57E-05	0.000201	1.64E-05	
91	0.000341	5.21E-06	2.29E-05
1.45E-06	0.000261	1.15E-05	
92	0.000304	6.38E-06	0.001157
8.11E-05	0.000311	7.57E-06	
93	0.000263	7.15E-06	0.002023
0.000209	0.000326	8.26E-06	
94	0.000225	7.51E-06	0.002563
0.000328	0.000296	1.17E-05	
95	0.000200	7.55E-06	0.002801
0.000421	0.000227	1.61E-05	
96	0.000193	7.29E-06	0.002793
0.000481	0.000144	2.08E-05	
97	0.000198	6.88E-06	0.002600
0.000509	6.14E-05	2.55E-05	
98	0.000212	6.52E-06	0.002257
0.000499	8.02E-05	3.05E-05	
99	0.000235	6.03E-06	0.001796
0.000445	0.000101	3.59E-05	
100	0.000265	5.46E-06	0.001241
0.000345	0.000119	4.21E-05	
101	0.000303	4.85E-06	0.000608
0.000172	0.000132	4.74E-05	
102	0.000342	4.41E-06	3.71E-05
2.80E-06	0.000137	6.29E-05	
103	0.000222	4.54E-05	.000000
1.88E-05	0.000324	4.84E-06	
104	0.000373	0.000120	.000000
2.15E-05	0.000215	1.50E-06	
105	1.20E-07	6.53E-06	.000000
2.69E-05	0.000215	1.49E-06	
106	0.000632	1.18E-20	.000000
4.43E-05	0.000120	1.76E-06	
107	0.000341	6.21E-06	.000000
7.91E-05	0.000570	2.46E-07	
108	0.000523	1.83E-08	.000000
3.02E-05	0.000306	2.71E-06	
109	.000000	.000000	.000000
3.02E-05	0.000309	2.00E-06	
110	0.001006	2.08E-05	.000000
8.44E-05	0.000142	1.77E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-1 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000277	-9.54E-05	-6.83E-09
-1.21E-05	-0.000128	-1.03E-06	
2	-0.000265	-6.58E-05	-0.001408
-1.95E-05	-0.000124	-8.51E-07	
3	-0.000253	-3.53E-05	-0.002811
-2.91E-05	-0.000111	-1.10E-06	
4	-0.000242	-1.66E-05	-0.003892
-3.81E-05	-9.42E-05	-3.92E-06	
5	-0.000233	-1.20E-05	-0.004615
-4.59E-05	-7.36E-05	-6.38E-06	
6	-0.000226	-1.86E-05	-0.004932
-5.29E-05	-4.70E-05	-8.13E-06	
7	-0.000223	-2.53E-05	-0.004825
-5.87E-05	-8.96E-05	-9.13E-06	
8	-0.000223	-3.19E-05	-0.004319
-6.17E-05	-0.000158	-9.36E-06	
9	-0.000229	-3.75E-05	-0.003452
-5.93E-05	-0.000215	-8.70E-06	
10	-0.000240	-4.07E-05	-0.002335
-4.65E-05	-0.000244	-7.11E-06	
11	-0.000257	-3.99E-05	-0.001134
-2.17E-05	-0.000241	-4.95E-06	
12	-0.000279	-3.40E-05	-2.21E-08
-4.58E-06	-0.000215	-2.60E-06	
13	-0.000304	-2.46E-05	-0.001095
-2.58E-05	-0.000180	-6.57E-07	
14	-0.000330	-2.80E-05	-0.002214
-4.86E-05	-0.000136	-1.10E-06	
15	-0.000356	-2.77E-05	-0.003241
-5.98E-05	-0.000102	-2.95E-06	
16	-0.000376	-2.48E-05	-0.004023
-6.07E-05	-8.84E-05	-5.24E-06	
17	-0.000388	-2.06E-05	-0.004441
-5.52E-05	-6.26E-05	-7.15E-06	
18	-0.000389	-1.60E-05	-0.004441
-5.49E-05	-6.33E-05	-8.43E-06	
19	-0.000380	-1.85E-05	-0.004024
-6.04E-05	-0.000131	-8.92E-06	
20	-0.000360	-2.30E-05	-0.003243
-5.96E-05	-0.000188	-8.47E-06	
21	-0.000333	-2.55E-05	-0.002215
-4.84E-05	-0.000220	-7.17E-06	
22	-0.000304	-2.48E-05	-0.001096
-2.57E-05	-0.000225	-5.27E-06	
23	-0.000275	-3.00E-05	-2.21E-08
-4.59E-06	-0.000212	-3.01E-06	
24	-0.000250	-3.90E-05	-0.001135
-2.16E-05	-0.000182	-9.82E-07	
25	-0.000229	-4.31E-05	-0.002336
-4.62E-05	-0.000136	-1.70E-06	
26	-0.000216	-4.30E-05	-0.003454
-5.89E-05	-7.97E-05	-3.64E-06	
27	-0.000210	-4.02E-05	-0.004321
-6.14E-05	-2.78E-05	-6.24E-06	
28	-0.000209	-3.57E-05	-0.004826
-5.84E-05	-7.31E-06	-8.51E-06	
29	-0.000214	-3.05E-05	-0.004934
-5.26E-05	-3.68E-05	-1.03E-05	
30	-0.000222	-2.47E-05	-0.004616
-4.57E-05	-0.000103	-1.15E-05	
31	-0.000233	-1.86E-05	-0.003893
-3.79E-05	-0.000173	-1.22E-05	
32	-0.000247	-2.07E-05	-0.002811
-2.90E-05	-0.000243	-1.20E-05	
33	-0.000263	-4.44E-05	-0.001409
-1.95E-05	-0.000298	-1.08E-05	
34	-0.000277	-7.51E-05	-6.86E-09
-1.22E-05	-0.000317	-9.07E-06	
35	-0.000392	-0.000109	-2.88E-07
-1.45E-05	-0.000145	-6.73E-06	
36	-0.000379	-0.000126	-0.002513
-2.22E-05	-0.000141	-8.50E-06	
37	-0.000366	-0.000141	-0.004958
-3.19E-05	-0.000127	-9.89E-06	
38	-0.000355	-0.000148	-0.006788
-4.09E-05	-0.000108	-1.03E-05	
39	-0.000347	-0.000148	-0.007974
-4.87E-05	-8.66E-05	-9.97E-06	
40	-0.000340	-0.000141	-0.008444
-5.56E-05	-9.55E-05	-9.03E-06	
41	-0.000336	-0.000128	-0.008184
-6.08E-05	-0.000194	-7.51E-06	
42	-0.000336	-0.000110	-0.007243
-6.31E-05	-0.000294	-5.47E-06	
43	-0.000340	-8.86E-05	-0.005692
-5.94E-05	-0.000377	-3.04E-06	
44	-0.000351	-6.50E-05	-0.003751
-4.46E-05	-0.000413	-8.49E-07	
45	-0.000368	-4.26E-05	-0.001751
-1.55E-05	-0.000386	-2.22E-06	
46	-0.000394	-3.93E-05	-3.32E-07
-4.46E-06	-0.000310	-4.12E-06	
47	-0.000427	-5.72E-05	-0.001687
-2.30E-05	-0.000225	-6.28E-06	
48	-0.000465	-7.60E-05	-0.003533
-4.80E-05	-0.000152	-8.13E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000505	-9.32E-05	-0.005291
-6.04E-05	-0.000117	-9.41E-06	
50	-0.000542	-0.000106	-0.006656
-6.20E-05	-0.000104	-9.88E-06	
51	-0.000567	-0.000112	-0.007393
-5.70E-05	-7.84E-05	-9.39E-06	
52	-0.000575	-0.000111	-0.007393
-5.67E-05	-0.000149	-8.09E-06	
53	-0.000562	-0.000104	-0.006656
-6.16E-05	-0.000250	-6.09E-06	
54	-0.000531	-9.02E-05	-0.005291
-6.00E-05	-0.000332	-3.61E-06	
55	-0.000487	-7.29E-05	-0.003532
-4.77E-05	-0.000370	-1.28E-06	
56	-0.000440	-5.47E-05	-0.001686
-2.27E-05	-0.000360	-2.12E-06	
57	-0.000397	-3.91E-05	-3.32E-07
-4.36E-06	-0.000306	-4.20E-06	
58	-0.000308	-4.56E-05	-0.001750
-1.54E-05	-0.000228	-6.77E-06	
59	-0.000339	-6.86E-05	-0.003750
-4.44E-05	-0.000150	-9.24E-06	
60	-0.000324	-9.21E-05	-0.005691
-5.91E-05	-7.65E-05	-1.12E-05	
61	-0.000319	-0.000112	-0.007242
-6.28E-05	-1.78E-05	-1.22E-05	
62	-0.000319	-0.000128	-0.008184
-6.06E-05	-2.66E-05	-1.23E-05	
63	-0.000325	-0.000137	-0.008444
-5.53E-05	-0.000101	-1.15E-05	
64	-0.000335	-0.000140	-0.007974
-4.84E-05	-0.000201	-9.96E-06	
65	-0.000348	-0.000135	-0.006788
-4.06E-05	-0.000308	-7.57E-06	
66	-0.000363	-0.000123	-0.004958
-3.17E-05	-0.000425	-4.49E-06	
67	-0.000380	-0.000105	-0.002514
-2.20E-05	-0.000528	-1.39E-06	
68	-0.000397	-8.61E-05	-2.88E-07
-1.42E-05	-0.000567	-5.25E-07	
69	-0.000333	-0.000101	-5.64E-06
-5.11E-05	-0.000137	-3.62E-05	
70	-0.000321	-9.48E-05	-0.001932
-1.63E-05	-0.000132	-3.34E-05	
71	-0.000308	-8.63E-05	-0.003843
-2.95E-05	-0.000119	-3.30E-05	
72	-0.000297	-7.66E-05	-0.005298
-4.03E-05	-0.000101	-2.83E-05	
73	-0.000289	-6.67E-05	-0.006258
-5.04E-05	-8.02E-05	-2.26E-05	
74	-0.000282	-5.66E-05	-0.006655
-5.99E-05	-6.14E-05	-2.24E-05	
75	-0.000278	-4.77E-05	-0.006474
-7.00E-05	-0.000144	-2.35E-05	
76	-0.000278	-3.95E-05	-0.005749
-8.09E-05	-0.000227	-2.51E-05	
77	-0.000283	-3.29E-05	-0.004542
-9.14E-05	-0.000296	-2.74E-05	
78	-0.000294	-2.75E-05	-0.003020
-9.61E-05	-0.000326	-3.04E-05	
79	-0.000311	-3.22E-05	-0.001431
-7.99E-05	-0.000311	-3.38E-05	
80	-0.000335	-3.63E-05	-3.54E-06
-3.17E-05	-0.000261	-3.77E-05	
81	-0.000364	-3.96E-05	-0.001378
-8.48E-05	-0.000201	-4.15E-05	
82	-0.000397	-4.17E-05	-0.002850
-0.000101	-0.000143	-4.45E-05	
83	-0.000430	-4.29E-05	-0.004235
-9.59E-05	-0.000110	-4.57E-05	
84	-0.000459	-4.28E-05	-0.005307
-8.23E-05	-9.63E-05	-4.42E-05	
85	-0.000477	-4.22E-05	-0.005888
-6.71E-05	-7.06E-05	-4.07E-05	
86	-0.000482	-4.08E-05	-0.005888
-6.67E-05	-0.000105	-3.56E-05	
87	-0.000470	-3.93E-05	-0.005308
-8.18E-05	-0.000189	-2.94E-05	
88	-0.000444	-3.76E-05	-0.004236
-9.54E-05	-0.000258	-2.24E-05	
89	-0.000408	-3.63E-05	-0.002851
-0.000100	-0.000293	-1.61E-05	
90	-0.000370	-3.51E-05	-0.001378
-8.44E-05	-0.000291	-1.16E-05	
91	-0.000335	-3.42E-05	-3.51E-06
-3.17E-05	-0.000258	-1.03E-05	
92	-0.000305	-3.34E-05	-0.001431
-7.95E-05	-0.000206	-1.18E-05	
93	-0.000283	-3.31E-05	-0.003021
-9.56E-05	-0.000144	-1.52E-05	
94	-0.000269	-3.90E-05	-0.004542
-9.09E-05	-7.91E-05	-1.95E-05	
95	-0.000263	-4.46E-05	-0.005750
-8.05E-05	-2.34E-05	-2.35E-05	
96	-0.000263	-5.00E-05	-0.006474
-6.96E-05	-9.01E-06	-2.67E-05	
97	-0.000268	-5.46E-05	-0.006655
-5.96E-05	-6.59E-05	-2.92E-05	
98	-0.000277	-5.89E-05	-0.006258
-5.01E-05	-0.000149	-3.14E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000289	-6.29E-05	-0.005298
-4.01E-05	-0.000237	-3.32E-05	
100	-0.000304	-6.77E-05	-0.003844
-2.94E-05	-0.000332	-3.48E-05	
101	-0.000320	-7.33E-05	-0.001933
-1.62E-05	-0.000407	-3.50E-05	
102	-0.000336	-7.95E-05	-5.56E-06
-5.10E-05	-0.000448	-4.25E-05	
103	-0.000282	-6.33E-05	.000000
1.47E-21	-0.000128	-1.03E-06	
104	-0.000508	-0.000153	.000000
-1.93E-21	-0.000207	-2.60E-06	
105	-3.93E-07	-2.15E-05	.000000
-8.31E-06	-0.000212	-3.01E-06	
106	-0.000430	-4.95E-05	.000000
-6.39E-05	-0.000313	-9.07E-06	
107	-0.000593	-1.08E-05	.000000
-9.29E-06	-0.000146	-6.73E-06	
108	-0.000731	-2.55E-08	.000000
-4.44E-06	-0.000310	-4.12E-06	
109	.000000	.000000	.000000
-8.37E-06	-0.000306	-4.20E-06	
110	-0.000570	-3.67E-05	.000000
-2.99E-05	-0.000569	-5.25E-07	

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JOINT	U1	U2	U3
R1	R2	R3	
1	0.000570	0.000180	1.78E-08
0.000245	0.000678	8.06E-06	
2	0.000560	0.000163	0.001089
0.000348	0.000637	5.29E-06	
3	0.000549	0.000146	0.002227
0.000452	0.000521	3.62E-06	
4	0.000540	0.000131	0.003222
0.000532	0.000376	3.46E-06	
5	0.000533	0.000118	0.004046
0.000573	0.000232	3.21E-06	
6	0.000527	0.000118	0.004649
0.000581	9.48E-05	2.87E-06	
7	0.000524	0.000137	0.004976
0.000557	1.70E-05	2.46E-06	
8	0.000524	0.000147	0.004959
0.000502	4.71E-05	1.96E-06	
9	0.000528	0.000149	0.004495
0.000416	0.000147	1.56E-06	
10	0.000537	0.000147	0.003498
0.000310	0.000258	2.18E-06	
11	0.000551	0.000146	0.001962
0.000205	0.000356	2.75E-06	
12	0.000570	0.000142	4.53E-08
0.000129	0.000429	3.02E-06	
13	0.000593	0.000137	0.001957
0.000213	0.000468	2.40E-06	
14	0.000618	0.000132	0.003489
0.000304	0.000464	3.12E-06	
15	0.000643	0.000124	0.004524
0.000394	0.000403	4.27E-06	
16	0.000667	0.000123	0.004994
0.000464	0.000287	4.74E-06	
17	0.000685	0.000117	0.004957
0.000499	0.000148	4.65E-06	
18	0.000696	0.000118	0.004959
0.000499	0.000123	4.18E-06	
19	0.000697	0.000124	0.004997
0.000463	0.000171	3.44E-06	
20	0.000684	0.000125	0.004528
0.000394	0.000197	2.47E-06	
21	0.000657	0.000132	0.003492
0.000304	0.000261	2.19E-06	
22	0.000617	0.000137	0.001959
0.000212	0.000353	2.65E-06	
23	0.000566	0.000141	4.53E-08
0.000129	0.000437	2.82E-06	
24	0.000506	0.000145	0.001963
0.000204	0.000501	2.01E-06	
25	0.000441	0.000146	0.003500
0.000309	0.000514	2.51E-06	
26	0.000382	0.000149	0.004497
0.000416	0.000456	3.94E-06	
27	0.000340	0.000150	0.004962
0.000502	0.000338	4.63E-06	
28	0.000323	0.000144	0.004978
0.000557	0.000199	4.83E-06	
29	0.000328	0.000130	0.004651
0.000581	9.36E-05	4.73E-06	
30	0.000351	0.000135	0.004047
0.000573	0.000144	4.41E-06	
31	0.000389	0.000135	0.003224

0.000532	0.000182	3.96E-06	
32	0.000441	0.000151	0.002228
0.000455	0.000215	3.27E-06	
33	0.000506	0.000167	0.001090
0.000348	0.000238	2.54E-06	
34	0.000572	0.000184	1.79E-08
0.000245	0.000246	2.35E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
35	0.000710	0.000184	3.38E-08
0.000106	0.000984	4.32E-06	
36	0.000700	0.000167	0.001195
0.000208	0.000922	4.42E-06	
37	0.000689	0.000148	0.002441
0.000316	0.000748	4.50E-06	
38	0.000680	0.000131	0.003532
0.000390	0.000547	4.54E-06	
39	0.000672	0.000115	0.004444
0.000428	0.000358	4.52E-06	
40	0.000666	0.000103	0.005129
0.000435	0.000179	4.49E-06	
41	0.000663	0.000117	0.005531
0.000412	4.51E-05	4.44E-06	
42	0.000663	0.000128	0.005580
0.000361	3.62E-05	4.59E-06	
43	0.000667	0.000136	0.005151
0.000282	0.000145	4.29E-06	
44	0.000677	0.000141	0.004117
0.000183	0.000278	4.37E-06	
45	0.000692	0.000142	0.002391
8.85E-05	0.000414	5.34E-06	
46	0.000712	0.000142	6.16E-08
2.75E-05	0.000544	5.27E-06	
47	0.000737	0.000141	0.002378
0.000100	0.000632	5.40E-06	
48	0.000764	0.000136	0.004100
0.000181	0.000646	5.25E-06	
49	0.000792	0.000127	0.005180
0.000262	0.000577	5.00E-06	
50	0.000819	0.000115	0.005607
0.000322	0.000431	4.78E-06	
51	0.000840	0.000101	0.005487
0.000353	0.000253	5.08E-06	
52	0.000854	0.000104	0.005486
0.000353	0.000142	5.21E-06	
53	0.000858	0.000118	0.005606
0.000322	0.000190	5.09E-06	
54	0.000847	0.000130	0.005179
0.000262	0.000215	4.83E-06	
55	0.000819	0.000137	0.004099
0.000181	0.000281	4.17E-06	
56	0.000775	0.000141	0.002377
0.000100	0.000407	4.97E-06	
57	0.000714	0.000142	6.16E-08
2.72E-05	0.000549	5.40E-06	
58	0.000636	0.000141	0.002390
8.84E-05	0.000674	4.95E-06	
59	0.000547	0.000139	0.004116
0.000183	0.000714	4.86E-06	
60	0.000465	0.000134	0.005150
0.000282	0.000648	4.93E-06	
61	0.000417	0.000124	0.005580
0.000361	0.000499	5.09E-06	
62	0.000407	0.000112	0.005531
0.000412	0.000320	5.37E-06	
63	0.000421	9.71E-05	0.005129
0.000435	0.000150	5.70E-06	
64	0.000451	0.000108	0.004444
0.000428	0.000159	6.07E-06	
65	0.000497	0.000125	0.003532
0.000390	0.000199	6.50E-06	
66	0.000557	0.000145	0.002441
0.000316	0.000234	7.08E-06	
67	0.000633	0.000166	0.001195
0.000208	0.000259	7.95E-06	
68	0.000713	0.000184	3.37E-08
0.000106	0.000268	9.92E-06	
69	0.000639	0.000164	2.16E-07
6.66E-05	0.001722	3.66E-05	
70	0.000629	0.000144	0.001137
0.000247	0.001191	4.57E-05	
71	0.000618	0.000130	0.002327
0.000451	0.000979	4.07E-05	
72	0.000609	0.000116	0.003368
0.000568	0.000806	4.06E-05	
73	0.000601	0.000103	0.004233
0.000628	0.000642	4.20E-05	
74	0.000595	9.50E-05	0.004874
0.000637	0.000490	4.57E-05	
75	0.000592	0.000108	0.005233
0.000601	0.000372	5.04E-05	
76	0.000592	0.000118	0.005241
0.000525	0.000353	5.56E-05	
77	0.000596	0.000126	0.004784
0.000409	0.000413	6.04E-05	
78	0.000605	0.000130	0.003754
0.000265	0.000518	6.33E-05	
79	0.000620	0.000129	0.002109
0.000110	0.000640	6.34E-05	
80	0.000640	0.000128	2.70E-08
1.16E-05	0.000774	6.09E-05	
81	0.000663	0.000126	0.002106
0.000117	0.000867	5.75E-05	
82	0.000689	0.000122	0.003745
0.000264	0.000892	5.52E-05	
83	0.000716	0.000114	0.004815
0.000395	0.000837	5.39E-05	
84	0.000741	0.000103	0.005274
0.000486	0.000711	5.39E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
85	0.000762	8.95E-05	0.005202
0.000532	0.000555	5.48E-05	
86	0.000774	9.15E-05	0.005203
0.000532	0.000460	5.57E-05	
87	0.000776	0.000104	0.005275
0.000485	0.000450	5.58E-05	
88	0.000764	0.000115	0.004816
0.000395	0.000453	5.40E-05	
89	0.000737	0.000122	0.003746
0.000264	0.000519	5.00E-05	
90	0.000694	0.000126	0.002107
0.000116	0.000634	4.35E-05	
91	0.000638	0.000128	1.94E-07
1.16E-05	0.000778	3.37E-05	
92	0.000568	0.000129	0.002108
0.000110	0.000901	2.46E-05	
93	0.000490	0.000130	0.003755
0.000264	0.000947	2.31E-05	
94	0.000416	0.000125	0.004785
0.000409	0.000898	2.62E-05	
95	0.000364	0.000118	0.005242
0.000525	0.000771	3.26E-05	
96	0.000356	0.000107	0.005234
0.000600	0.000615	4.08E-05	
97	0.000367	9.31E-05	0.004875
0.000636	0.000467	5.00E-05	
98	0.000395	0.000100	0.004234
0.000628	0.000442	6.03E-05	
99	0.000438	0.000115	0.003369
0.000568	0.000454	7.06E-05	
100	0.000495	0.000131	0.002328
0.000451	0.000479	8.21E-05	
101	0.000567	0.000145	0.001138
0.000247	0.000619	9.36E-05	
102	0.000641	0.000164	1.63E-07
6.67E-05	0.000310	0.000135	
103	0.000425	0.000413	.000000
0.000140	0.000702	8.06E-06	
104	0.000710	0.000439	.000000
9.32E-05	0.000447	3.02E-06	
105	5.07E-06	0.000277	.000000
0.000132	0.000433	2.82E-06	
106	0.001366	0.000141	.000000
0.000204	0.000207	2.35E-06	
107	0.000602	1.10E-05	.000000
7.46E-05	0.000986	4.32E-06	
108	0.000939	3.28E-08	.000000
2.74E-05	0.000544	5.27E-06	
109	.000000	.000000	.000000
3.11E-05	0.000549	5.40E-06	
110	0.001770	3.74E-05	.000000
8.87E-05	0.000265	9.92E-06	

COMB DB-G2-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	−0.000563	−0.000102	-9.76E-08
-1.86E-05	-0.000245	-7.86E-06	
2	−0.000539	−7.06E-05	−0.003009
-2.76E-05	-0.000238	-7.52E-06	
3	−0.000516	−4.00E-05	−0.005988
-3.84E-05	-0.000215	-8.11E-06	
4	−0.000495	−1.92E-05	−0.008272
-4.82E-05	-0.000182	-1.07E-05	
5	−0.000478	−1.84E-05	−0.009791
-5.65E-05	-0.000144	-1.29E-05	
6	−0.000466	−2.65E-05	−0.010442
-6.35E-05	-9.35E-05	-1.44E-05	
7	−0.000459	−3.40E-05	−0.010192
-6.82E-05	-0.000119	-1.50E-05	
8	−0.000460	−4.04E-05	−0.009093
-6.94E-05	-0.000338	-1.47E-05	
9	−0.000469	−4.46E-05	−0.007231
-6.49E-05	-0.000456	-1.34E-05	
10	−0.000489	−4.48E-05	−0.004856
-4.78E-05	-0.000514	-1.11E-05	
11	−0.000522	−3.92E-05	−0.002334
-1.48E-05	-0.000501	-8.39E-06	
12	−0.000564	−3.10E-05	-1.42E-07
-4.70E-06	-0.000436	-6.05E-06	
13	−0.000614	−2.35E-05	−0.002254
-2.22E-05	-0.000353	-4.40E-06	
14	−0.000668	−2.60E-05	−0.004599
-5.24E-05	-0.000261	-5.17E-06	
15	−0.000721	−2.85E-05	−0.006777
-6.75E-05	-0.000197	-7.75E-06	
16	−0.000765	−2.74E-05	−0.008446
-6.98E-05	-0.000171	-1.03E-05	
17	−0.000792	−2.40E-05	−0.009344
-6.41E-05	-0.000123	-1.22E-05	
18	−0.000796	−1.98E-05	−0.009345
-6.38E-05	-0.000148	-1.36E-05	
19	−0.000777	−1.80E-05	−0.008447
-6.94E-05	-0.000287	-1.39E-05	
20	−0.000735	−2.12E-05	−0.006780
-6.71E-05	-0.000403	-1.31E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
21	-0.000679	-2.16E-05	−0.004601
-5.21E-05	-0.000464	-1.12E-05	
22	-0.000618	-1.97E-05	−0.002255
-2.20E-05	-0.000469	-8.62E-06	
23	-0.000559	-2.62E-05	-1.42E-07
-4.75E-06	-0.000429	-5.65E-06	
24	-0.000509	-3.86E-05	−0.002336
-1.46E-05	-0.000357	-3.96E-06	
25	-0.000469	-4.85E-05	−0.004858
-4.75E-05	-0.000258	-5.00E-06	
26	-0.000443	-5.23E-05	−0.007234
-6.44E-05	-0.000147	-8.14E-06	
27	-0.000431	-5.17E-05	−0.009095
-6.89E-05	-4.71E-05	-1.12E-05	
28	-0.000431	-4.80E-05	−0.010194
-6.79E-05	-1.70E-05	-1.37E-05	
29	-0.000440	-4.26E-05	−0.010443
-6.31E-05	-9.49E-05	-1.56E-05	
30	-0.000455	-3.57E-05	−0.009792
-5.63E-05	-0.000232	-1.72E-05	
31	-0.000477	-2.78E-05	−0.008274
-4.81E-05	-0.000376	-1.79E-05	
32	-0.000503	-1.92E-05	−0.005989
-3.84E-05	-0.000521	-1.77E-05	
33	-0.000532	-3.95E-05	−0.003009
-2.76E-05	-0.000638	-1.62E-05	
34	-0.000560	-7.42E-05	-9.77E-08
-1.87E-05	-0.000678	-1.41E-05	
35	-0.000700	-0.000117	-4.40E-07
-0.000150	-0.000268	-8.51E-06	
36	-0.000676	-0.000139	−0.004343
-0.000152	-0.000259	-1.05E-05	
37	-0.000652	-0.000160	−0.008584
-0.000147	-0.000234	-1.25E-05	
38	-0.000632	-0.000173	−0.011778
-0.000149	-0.000199	-1.33E-05	
39	-0.000615	-0.000177	−0.013860
-0.000154	-0.000159	-1.31E-05	
40	-0.000602	-0.000171	−0.014698
-0.000162	-0.000150	-1.20E-05	
41	-0.000595	-0.000157	−0.014262
-0.000170	-0.000320	-1.01E-05	
42	-0.000595	-0.000134	−0.012635
-0.000177	-0.000499	-7.53E-06	
43	-0.000603	-0.000106	−0.009943
-0.000176	-0.000648	-4.53E-06	
44	-0.000623	-7.43E-05	−0.006572
-0.000161	-0.000714	-2.69E-06	
45	-0.000656	-4.23E-05	−0.003082
-0.000128	-0.000674	-3.98E-06	
46	-0.000702	-3.57E-05	-5.08E-07
-0.000109	-0.000549	-5.85E-06	
47	-0.000761	-5.81E-05	−0.002970
-0.000133	-0.000408	-8.01E-06	
48	-0.000830	-8.32E-05	−0.006194
-0.000160	-0.000281	-9.81E-06	
49	-0.000901	-0.000107	−0.009255
-0.000173	-0.000215	-1.15E-05	
50	-0.000964	-0.000124	−0.011632
-0.000174	-0.000190	-1.25E-05	
51	-0.001007	-0.000132	−0.012917
-0.000167	-0.000142	-1.22E-05	
52	-0.001020	-0.000131	−0.012917
-0.000167	-0.000253	-1.08E-05	
53	-0.000997	-0.000122	−0.011633
-0.000174	-0.000431	-8.41E-06	
54	-0.000941	-0.000103	−0.009256
-0.000173	-0.000577	-5.48E-06	
55	-0.000864	-7.88E-05	−0.006194
-0.000160	-0.000646	-2.87E-06	
56	-0.000782	-5.47E-05	−0.002970
-0.000132	-0.000632	-4.23E-06	
57	-0.000707	-3.54E-05	-5.08E-07
-0.000109	-0.000544	-6.26E-06	
58	-0.000645	-4.57E-05	−0.003081
-0.000128	-0.000414	-8.83E-06	
59	-0.000601	-7.92E-05	−0.006570
-0.000160	-0.000278	-1.13E-05	
60	-0.000574	-0.000111	−0.009942
-0.000176	-0.000145	-1.31E-05	
61	-0.000563	-0.000137	−0.012634
-0.000176	-3.63E-05	-1.48E-05	
62	-0.000563	-0.000156	−0.014262
-0.000170	-4.50E-05	-1.53E-05	
63	-0.000574	-0.000166	−0.014699
-0.000161	-0.000179	-1.47E-05	
64	-0.000591	-0.000166	−0.013860
-0.000154	-0.000358	-1.30E-05	
65	-0.000614	-0.000156	−0.011778
-0.000149	-0.000547	-1.03E-05	
66	-0.000642	-0.000136	−0.008585
-0.000147	-0.000748	-6.88E-06	
67	-0.000673	-0.000109	−0.004343
-0.000152	-0.000922	-3.84E-06	
68	-0.000704	-8.49E-05	-4.40E-07
-0.000150	-0.000984	-3.84E-06	
69	-0.000630	-0.000110	−0.000465
-6.42E-05	-0.000311	-0.000104	
70	-0.000607	-0.000105	−0.003830
-4.18E-05	-0.000619	-7.71E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
71	−0.000583	-9.92E-05	−0.007464
-4.75E-05	-0.000479	-7.14E-05	
72	−0.000562	-9.26E-05	−0.010296
-5.59E-05	-0.000454	-6.16E-05	
73	−0.000545	-8.50E-05	−0.012211
-6.53E-05	-0.000442	-5.06E-05	
74	−0.000533	-7.55E-05	−0.012999
-7.57E-05	-0.000467	-4.49E-05	
75	−0.000526	-6.57E-05	−0.012642
-8.75E-05	-0.000615	-4.31E-05	
76	−0.000526	-5.48E-05	−0.011186
-0.000101	-0.000771	-4.29E-05	
77	−0.000535	-4.44E-05	−0.008785
-0.000115	-0.000898	-4.51E-05	
78	−0.000555	-3.36E-05	−0.005853
-0.000121	-0.000947	-5.05E-05	
79	−0.000587	-3.17E-05	−0.002821
-0.000102	-0.000901	-5.82E-05	
80	−0.000632	-3.39E-05	−0.000335
-4.52E-05	-0.000778	-6.80E-05	
81	−0.000688	-4.03E-05	−0.002733
-0.000105	-0.000634	-7.68E-05	
82	−0.000750	-4.64E-05	−0.005544
-0.000121	-0.000518	-8.24E-05	
83	−0.000814	-5.14E-05	−0.008241
-0.000115	-0.000453	-8.30E-05	
84	−0.000869	-5.35E-05	−0.010397
-9.86E-05	-0.000450	-7.80E-05	
85	−0.000908	-5.38E-05	−0.011559
-8.02E-05	-0.000460	-6.96E-05	
86	−0.000920	-5.20E-05	−0.011559
-7.97E-05	-0.000555	-5.94E-05	
87	−0.000897	-4.92E-05	−0.010398
-9.81E-05	-0.000711	-4.88E-05	
88	−0.000843	-4.44E-05	−0.008243
-0.000115	-0.000837	-3.91E-05	
89	−0.000774	-3.91E-05	−0.005545
-0.000121	-0.000893	-3.27E-05	
90	−0.000701	-3.45E-05	−0.002734
-0.000104	-0.000868	-3.00E-05	
91	−0.000633	-3.14E-05	−0.000334
-4.51E-05	-0.000774	-3.31E-05	
92	−0.000577	-3.36E-05	−0.002821
-0.000101	-0.000640	-3.91E-05	
93	−0.000534	-4.11E-05	−0.005854
-0.000121	-0.000518	-4.52E-05	
94	−0.000508	-5.22E-05	−0.008785
-0.000114	-0.000414	-4.98E-05	
95	−0.000496	-6.07E-05	−0.011187
-0.000100	-0.000353	-5.19E-05	
96	−0.000496	-6.71E-05	−0.012643
-8.71E-05	-0.000372	-5.23E-05	
97	−0.000505	-7.11E-05	−0.013000
-7.53E-05	-0.000490	-5.20E-05	
98	−0.000522	-7.37E-05	−0.012211
-6.51E-05	-0.000642	-5.19E-05	
99	−0.000544	-7.42E-05	−0.010297
-5.57E-05	-0.000806	-5.33E-05	
100	−0.000575	-7.43E-05	−0.007465
-4.74E-05	-0.000979	-5.60E-05	
101	−0.000602	-7.49E-05	−0.003831
-4.17E-05	-0.001191	-6.24E-05	
102	−0.000631	-8.04E-05	−0.000465
-6.40E-05	-0.001723	-5.85E-05	
103	−0.000643	-8.75E-05	.000000
1.80E-21	−0.000244	-7.86E-06	
104	−0.001035	−0.000263	.000000
-1.89E-22	−0.000417	-6.05E-06	
105	-1.26E-08	-6.88E-07	.000000
-1.03E-05	−0.000430	-5.65E-06	
106	−0.000841	1.52E-20	.000000
−0.000137	−0.000670	-1.41E-05	
107	−0.001012	-1.84E-05	.000000
−0.000146	−0.000271	-8.51E-06	
108	−0.001311	-4.58E-08	.000000
−0.000109	−0.000549	-5.85E-06	
109	.000000	.000000	.000000
−0.000118	−0.000541	-6.26E-06	
110	−0.001024	-6.46E-05	.000000
−0.000188	−0.000979	-3.84E-06	

COMB DB-G2-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000824	0.000246	2.98E-08
0.000309	0.001045	8.69E-06	
2	0.000810	0.000219	0.001492
0.000381	0.000986	6.15E-06	
3	0.000796	0.000192	0.003051
0.000444	0.000809	4.58E-06	
4	0.000784	0.000168	0.004416
0.000507	0.000593	4.76E-06	
5	0.000774	0.000150	0.005551
0.000547	0.000380	5.44E-06	
6	0.000766	0.000144	0.006391
0.000559	0.000177	6.30E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
7	0.000762	0.000166	0.006861
0.000543	4.33E-05	6.72E-06	
8	0.000762	0.000180	0.006872
0.000499	5.53E-05	6.59E-06	
9	0.000768	0.000186	0.006274
0.000425	0.000192	6.00E-06	
10	0.000780	0.000185	0.004935
0.000330	0.000351	5.87E-06	
11	0.000799	0.000184	0.002807
0.000239	0.000501	5.30E-06	
12	0.000825	0.000180	6.87E-08
0.000177	0.000625	4.27E-06	
13	0.000856	0.000177	0.002795
0.000248	0.000702	3.11E-06	
14	0.000890	0.000173	0.004916
0.000323	0.000706	3.85E-06	
15	0.000925	0.000164	0.006310
0.000404	0.000622	4.88E-06	
16	0.000958	0.000158	0.006914
0.000464	0.000453	5.81E-06	
17	0.000984	0.000147	0.006825
0.000491	0.000249	6.89E-06	
18	0.001000	0.000145	0.006827
0.000491	0.000172	7.42E-06	
19	0.001002	0.000158	0.006916
0.000464	0.000237	7.25E-06	
20	0.000986	0.000164	0.006313
0.000404	0.000271	6.34E-06	
21	0.000950	0.000173	0.004918
0.000323	0.000357	5.54E-06	
22	0.000895	0.000178	0.002796
0.000248	0.000496	5.09E-06	
23	0.000822	0.000179	6.87E-08
0.000177	0.000634	4.11E-06	
24	0.000734	0.000183	0.002808
0.000239	0.000747	2.66E-06	
25	0.000636	0.000185	0.004937
0.000330	0.000775	3.33E-06	
26	0.000547	0.000186	0.006276
0.000425	0.000691	4.99E-06	
27	0.000489	0.000183	0.006874
0.000498	0.000518	6.29E-06	
28	0.000471	0.000173	0.006863
0.000543	0.000313	7.58E-06	
29	0.000482	0.000154	0.006393
0.000559	0.000142	8.62E-06	
30	0.000516	0.000165	0.005552
0.000546	0.000200	9.22E-06	
31	0.000570	0.000173	0.004417
0.000507	0.000252	9.39E-06	
32	0.000642	0.000196	0.003052
0.000443	0.000296	8.93E-06	
33	0.000733	0.000223	0.001493
0.000381	0.000327	7.82E-06	
34	0.000827	0.000255	2.98E-08
0.000309	0.000337	6.90E-06	
35	0.000887	0.000256	3.94E-08
9.74E-05	0.001182	8.23E-06	
36	0.000873	0.000244	0.001560
0.000189	0.001114	9.39E-06	
37	0.000859	0.000230	0.003187
0.000290	0.000912	1.04E-05	
38	0.000846	0.000215	0.004610
0.000361	0.000670	1.08E-05	
39	0.000836	0.000199	0.005795
0.000399	0.000436	1.08E-05	
40	0.000828	0.000184	0.006678
0.000409	0.000212	1.04E-05	
41	0.000824	0.000193	0.007182
0.000392	4.71E-05	9.70E-06	
42	0.000824	0.000199	0.007215
0.000349	5.27E-05	8.83E-06	
43	0.000829	0.000201	0.006619
0.000277	0.000195	7.21E-06	
44	0.000842	0.000197	0.005244
0.000181	0.000363	5.85E-06	
45	0.000862	0.000189	0.003011
8.05E-05	0.000529	6.23E-06	
46	0.000888	0.000181	7.43E-08
2.49E-05	0.000676	7.09E-06	
47	0.000920	0.000181	0.002998
9.24E-05	0.000772	8.48E-06	
48	0.000956	0.000183	0.005225
0.000174	0.000783	9.49E-06	
49	0.000992	0.000180	0.006656
0.000256	0.000694	1.01E-05	
50	0.001026	0.000171	0.007252
0.000313	0.000511	1.04E-05	
51	0.001054	0.000159	0.007129
0.000339	0.000289	1.06E-05	
52	0.001072	0.000161	0.007129
0.000339	0.000182	1.02E-05	
53	0.001075	0.000174	0.007252
0.000312	0.000247	9.17E-06	
54	0.001060	0.000181	0.006657
0.000255	0.000280	7.70E-06	
55	0.001023	0.000183	0.005225
0.000174	0.000368	5.82E-06	
56	0.000956	0.000181	0.002998
9.22E-05	0.000521	6.27E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
57	0.000888	0.000181	7.44E-08
2.47E-05	0.000683	7.60E-06	
58	0.000792	0.000188	0.003011
8.03E-05	0.000820	8.46E-06	
59	0.000684	0.000194	0.005244
0.000180	0.000858	9.72E-06	
60	0.000585	0.000196	0.006619
0.000276	0.000769	1.09E-05	
61	0.000522	0.000193	0.007216
0.000348	0.000580	1.18E-05	
62	0.000506	0.000185	0.007183
0.000392	0.000356	1.24E-05	
63	0.000520	0.000175	0.006679
0.000409	0.000177	1.26E-05	
64	0.000556	0.000190	0.005796
0.000399	0.000208	1.24E-05	
65	0.000614	0.000209	0.004611
0.000360	0.000261	1.18E-05	
66	0.000690	0.000228	0.003188

0.000290	0.000306	1.09E-05	
67	0.000788	0.000246	0.001560
0.000189	0.000339	1.05E-05	
68	0.000888	0.000262	3.94E-08
9.74E-05	0.000350	1.20E-05	
69	0.000854	0.000226	1.92E-07
0.000125	0.002022	5.58E-05	
70	0.000840	0.000201	0.001519
0.000227	0.001468	6.20E-05	
71	0.000826	0.000180	0.003110
0.000413	0.001217	5.67E-05	
72	0.000813	0.000161	0.004501
0.000523	0.000990	5.59E-05	
73	0.000803	0.000142	0.005657
0.000582	0.000770	5.65E-05	
74	0.000795	0.000128	0.006513
0.000596	0.000562	5.92E-05	
75	0.000791	0.000139	0.006994
0.000571	0.000398	6.28E-05	
76	0.000791	0.000150	0.007006
0.000511	0.000372	7.11E-05	
77	0.000796	0.000158	0.006395
0.000417	0.000467	7.88E-05	
78	0.000809	0.000163	0.005019
0.000294	0.000613	8.18E-05	
79	0.000828	0.000163	0.002819
0.000149	0.000775	7.90E-05	
80	0.000855	0.000163	2.54E-08
3.02E-05	0.000946	7.19E-05	
81	0.000886	0.000160	0.002814
0.000148	0.001064	6.40E-05	
82	0.000921	0.000155	0.005005
0.000289	0.001093	5.84E-05	
83	0.000957	0.000145	0.006434
0.000403	0.001017	5.74E-05	
84	0.000991	0.000131	0.007047
0.000476	0.000847	5.90E-05	
85	0.001018	0.000115	0.006952
0.000508	0.000636	6.47E-05	
86	0.001034	0.000114	0.006953
0.000507	0.000512	7.37E-05	
87	0.001037	0.000130	0.007049
0.000475	0.000517	8.10E-05	
88	0.001021	0.000144	0.006436
0.000402	0.000528	8.47E-05	
89	0.000984	0.000154	0.005007
0.000288	0.000617	8.25E-05	
90	0.000928	0.000160	0.002815
0.000147	0.000769	7.49E-05	
91	0.000852	0.000163	1.96E-07
3.02E-05	0.000952	6.23E-05	
92	0.000759	0.000163	0.002819
0.000148	0.001107	4.96E-05	
93	0.000654	0.000163	0.005020
0.000293	0.001160	4.41E-05	
94	0.000555	0.000158	0.006396
0.000416	0.001087	4.33E-05	
95	0.000487	0.000148	0.007007
0.000511	0.000912	4.64E-05	
96	0.000474	0.000136	0.006995
0.000570	0.000700	5.20E-05	
97	0.000490	0.000126	0.006515
0.000595	0.000509	5.93E-05	
98	0.000527	0.000139	0.005658
0.000582	0.000501	6.79E-05	
99	0.000585	0.000159	0.004502
0.000522	0.000525	7.85E-05	
100	0.000660	0.000181	0.003111
0.000412	0.000561	9.42E-05	
101	0.000756	0.000204	0.001520
0.000227	0.000711	0.000107	
102	0.000854	0.000233	1.86E-07
0.000125	0.000397	0.000148	
103	0.000629	0.000568	.000000
0.000162	0.001070	8.69E-06	
104	0.001016	0.000591	.000000
0.000114	0.000645	4.27E-06	
105	6.93E-06	0.000379	.000000
0.000184	0.000630	4.11E-06	
106	0.002008	0.000139	.000000
0.000268	0.000285	6.90E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
107	0.000742	1.35E-05	.000000
6.32E-05	0.001184	8.23E-06	
108	0.001186	4.14E-08	.000000
2.48E-05	0.000676	7.09E-06	
109	.000000	.000000	.000000
3.24E-05	0.000683	7.60E-06	
110	0.002175	4.72E-05	.000000
8.47E-05	0.000347	1.20E-05	

COMB DB-G2-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000816	-0.000102	-2.92E-07
-2.09E-05	-0.000337	-1.20E-05	
2	-0.000785	-7.37E-05	-0.004613
-6.03E-05	-0.000327	-1.10E-05	
3	-0.000753	-4.67E-05	-0.009155
-0.000119	-0.000295	-1.02E-05	
4	-0.000726	-2.86E-05	-0.012613
-0.000163	-0.000252	-1.16E-05	
5	-0.000703	-2.81E-05	-0.014892
-0.000187	-0.000200	-1.32E-05	
6	-0.000687	-3.55E-05	-0.015849
-0.000201	-0.000142	-1.42E-05	
7	-0.000678	-4.19E-05	-0.015432
-0.000209	-0.000313	-1.46E-05	
8	-0.000678	-4.69E-05	-0.013730
-0.000199	-0.000518	-1.42E-05	
9	-0.000690	-4.93E-05	-0.010869
-0.000170	-0.000691	-1.30E-05	
10	-0.000717	-4.75E-05	-0.007249
-0.000119	-0.000775	-1.12E-05	
11	-0.000759	-3.94E-05	-0.003449
-5.26E-05	-0.000747	-9.30E-06	
12	-0.000818	-2.88E-05	-3.65E-07
-1.35E-05	-0.000634	-7.60E-06	
13	-0.000888	-2.20E-05	-0.003333
-4.63E-05	-0.000495	-6.34E-06	
14	-0.000967	-2.51E-05	-0.006866
-0.000104	-0.000357	-6.52E-06	
15	-0.001046	-2.86E-05	-0.010179
-0.000148	-0.000271	-8.90E-06	
16	-0.001114	-3.65E-05	-0.012733
-0.000171	-0.000237	-1.14E-05	
17	-0.001157	-3.87E-05	-0.014112
-0.000172	-0.000173	-1.32E-05	
18	-0.001167	-3.58E-05	-0.014113
-0.000172	-0.000248	-1.43E-05	
19	-0.001139	-3.06E-05	-0.012735
-0.000171	-0.000452	-1.45E-05	
20	-0.001077	-2.61E-05	-0.010182
-0.000147	-0.000622	-1.35E-05	
21	-0.000992	-2.12E-05	-0.006867
-0.000104	-0.000706	-1.16E-05	
22	-0.000901	-1.86E-05	-0.003334
-4.61E-05	-0.000702	-9.15E-06	
23	-0.000815	-2.38E-05	-3.65E-07
-1.35E-05	-0.000625	-6.81E-06	
24	-0.000743	-3.76E-05	-0.003450
-5.23E-05	-0.000501	-5.56E-06	
25	-0.000687	-4.95E-05	-0.007251
-0.000119	-0.000351	-6.03E-06	
26	-0.000653	-5.46E-05	-0.010871
-0.000170	-0.000192	-9.08E-06	
27	-0.000637	-5.48E-05	-0.013731
-0.000199	-5.53E-05	-1.21E-05	
28	-0.000637	-5.60E-05	-0.015433
-0.000208	-4.33E-05	-1.44E-05	
29	-0.000649	-5.21E-05	-0.015850
-0.000201	-0.000177	-1.62E-05	
30	-0.000671	-4.12E-05	-0.014893
-0.000187	-0.000380	-1.76E-05	
31	-0.000700	-2.97E-05	-0.012615
-0.000162	-0.000593	-1.82E-05	
32	-0.000735	-2.02E-05	-0.009157
-0.000119	-0.000809	-1.80E-05	
33	-0.000775	-4.10E-05	-0.004614
-6.03E-05	-0.000986	-1.66E-05	
34	-0.000813	-7.84E-05	-2.92E-07
-2.10E-05	-0.001045	-1.46E-05	
35	-0.000875	-0.000112	-4.29E-07
-0.000208	-0.000350	-7.92E-06	
36	-0.000844	-0.000132	-0.005208
-0.000256	-0.000339	-9.68E-06	
37	-0.000811	-0.000151	-0.010312
-0.000308	-0.000306	-1.17E-05	
38	-0.000783	-0.000163	-0.014170
-0.000350	-0.000261	-1.26E-05	
39	-0.000761	-0.000167	-0.016696
-0.000379	-0.000208	-1.24E-05	
40	-0.000744	-0.000161	-0.017732
-0.000394	-0.000177	-1.15E-05	
41	-0.000735	-0.000149	-0.017236
-0.000396	-0.000356	-9.91E-06	
42	-0.000734	-0.000128	-0.015301
-0.000380	-0.000580	-7.67E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
43	-0.000746	-0.000102	-0.012079
-0.000342	-0.000769	-5.01E-06	
44	-0.000773	-7.14E-05	-0.008022
-0.000279	-0.000858	-3.33E-06	
45	-0.000816	-4.04E-05	-0.003790
-0.000199	-0.000820	-4.40E-06	
46	-0.000877	-3.23E-05	-5.06E-07
-0.000139	-0.000683	-6.19E-06	
47	-0.000952	-5.30E-05	-0.003652
-0.000197	-0.000521	-8.29E-06	
48	-0.001038	-7.62E-05	-0.007566
-0.000265	-0.000368	-9.93E-06	
49	-0.001124	-9.83E-05	-0.011258
-0.000321	-0.000280	-1.15E-05	
50	-0.001200	-0.000114	-0.014112
-0.000356	-0.000247	-1.25E-05	
51	-0.001250	-0.000122	-0.015654
-0.000367	-0.000182	-1.23E-05	
52	-0.001263	-0.000121	-0.015654
-0.000367	-0.000288	-1.11E-05	
53	-0.001233	-0.000112	-0.014114
-0.000355	-0.000510	-8.93E-06	
54	-0.001165	-9.47E-05	-0.011260
-0.000321	-0.000694	-6.24E-06	
55	-0.001073	-7.22E-05	-0.007567
-0.000265	-0.000783	-3.73E-06	
56	-0.000973	-4.99E-05	-0.003652
-0.000196	-0.000773	-4.79E-06	
57	-0.000879	-3.21E-05	-5.06E-07
-0.000139	-0.000676	-6.40E-06	
58	-0.000802	-4.39E-05	-0.003790
-0.000199	-0.000529	-8.82E-06	
59	-0.000744	-7.65E-05	-0.008022
-0.000279	-0.000363	-1.11E-05	
60	-0.000709	-0.000107	-0.012079
-0.000342	-0.000195	-1.27E-05	
61	-0.000693	-0.000131	-0.015302
-0.000379	-5.27E-05	-1.44E-05	
62	-0.000694	-0.000148	-0.017237
-0.000395	-4.70E-05	-1.50E-05	
63	-0.000706	-0.000156	-0.017733
-0.000394	-0.000212	-1.46E-05	
64	-0.000728	-0.000155	-0.016697
-0.000379	-0.000436	-1.33E-05	
65	-0.000758	-0.000145	-0.014171
-0.000350	-0.000670	-1.09E-05	
66	-0.000794	-0.000126	-0.010313
-0.000308	-0.000912	-7.85E-06	
67	-0.000836	-0.000101	-0.005209
-0.000256	-0.001114	-4.98E-06	
68	-0.000875	-8.46E-05	-4.29E-07
-0.000208	-0.001182	-4.92E-06	
69	-0.000844	-0.000107	-0.000626
-6.99E-05	-0.000399	-0.000132	
70	-0.000813	-0.000103	-0.005124
-0.000132	-0.000711	-9.61E-05	
71	-0.000781	-9.79E-05	-0.009983
-0.000243	-0.000561	-8.50E-05	
72	-0.000753	-9.25E-05	-0.013754
-0.000310	-0.000525	-7.47E-05	
73	-0.000730	-8.60E-05	-0.016297
-0.000351	-0.000501	-6.41E-05	
74	-0.000714	-7.77E-05	-0.017345
-0.000370	-0.000509	-5.80E-05	
75	-0.000705	-6.86E-05	-0.016873
-0.000370	-0.000700	-5.55E-05	
76	-0.000704	-5.83E-05	-0.014938
-0.000353	-0.000912	-5.43E-05	
77	-0.000716	-4.77E-05	-0.011747
-0.000317	-0.001087	-5.53E-05	
78	-0.000743	-3.62E-05	-0.007828
-0.000254	-0.001160	-5.93E-05	
79	-0.000786	-3.19E-05	-0.003770
-0.000159	-0.001107	-6.56E-05	
80	-0.000846	-3.09E-05	-0.000438
-5.39E-05	-0.000952	-7.43E-05	
81	-0.000920	-3.70E-05	-0.003655
-0.000154	-0.000769	-8.22E-05	
82	-0.001004	-4.32E-05	-0.007418
-0.000242	-0.000617	-8.74E-05	
83	-0.001089	-4.85E-05	-0.011020
-0.000302	-0.000528	-8.60E-05	
84	-0.001163	-5.10E-05	-0.013885
-0.000332	-0.000517	-8.41E-05	
85	-0.001214	-5.15E-05	-0.015434
-0.000338	-0.000512	-7.75E-05	
86	-0.001230	-5.00E-05	-0.015435
-0.000338	-0.000636	-6.99E-05	
87	-0.001199	-4.72E-05	-0.013887
-0.000331	-0.000847	-6.29E-05	
88	-0.001128	-4.22E-05	-0.011023
-0.000301	-0.001017	-5.77E-05	
89	-0.001036	-3.67E-05	-0.007420
-0.000241	-0.001093	-5.58E-05	
90	-0.000938	-3.17E-05	-0.003656
-0.000153	-0.001064	-5.67E-05	
91	-0.000847	-2.85E-05	-0.000438
-5.39E-05	-0.000946	-6.26E-05	
92	-0.000772	-3.31E-05	-0.003770
-0.000158	-0.000776	-6.97E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
93	-0.000715	-4.26E-05	-0.007829
-0.000253	-0.000613	-7.36E-05	
94	-0.000679	-5.43E-05	-0.011747
-0.000316	-0.000467	-7.27E-05	
95	-0.000664	-6.27E-05	-0.014939
-0.000352	-0.000372	-6.71E-05	
96	-0.000664	-6.85E-05	-0.016874
-0.000369	-0.000398	-5.98E-05	
97	-0.000676	-7.14E-05	-0.017346
-0.000370	-0.000562	-5.72E-05	
98	-0.000698	-7.25E-05	-0.016298
-0.000351	-0.000770	-5.55E-05	
99	-0.000727	-7.15E-05	-0.013755
-0.000309	-0.000990	-5.60E-05	
100	-0.000763	-6.99E-05	-0.009983
-0.000243	-0.001217	-5.78E-05	
101	-0.000804	-7.18E-05	-0.005126
-0.000132	-0.001468	-6.38E-05	
102	-0.000842	-8.23E-05	-0.000626
-6.98E-05	-0.002022	-5.98E-05	
103	-0.001027	-0.000133	.000000
-3.49E-07	-0.000337	-1.20E-05	
104	-0.001484	-0.000380	.000000
1.28E-21	-0.000614	-7.60E-06	
105	-1.26E-08	-6.87E-07	.000000
-1.92E-05	-0.000626	-6.81E-06	
106	-0.001199	-7.52E-21	.000000
-0.000264	-0.001007	-1.46E-05	
107	-0.001187	-2.16E-05	.000000
-0.000204	-0.000354	-7.92E-06	
108	-0.001651	-5.76E-08	.000000
-0.000139	-0.000683	-6.19E-06	
109	.000000	.000000	.000000
-0.000150	-0.000673	-6.40E-06	
110	-0.001294	-7.93E-05	.000000
-0.000257	-0.001173	-4.92E-06	

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JOINT	U1	U2	U3
R1	R2	R3	
1	0.000673	6.19E-05	2.44E-08
6.06E-06	0.000812	6.50E-07	
2	0.000604	3.92E-05	0.000852
9.26E-06	0.000764	5.73E-07	
3	0.000558	2.27E-05	0.001741
1.90E-05	0.000619	2.94E-06	
4	0.000537	2.15E-05	0.002522
2.93E-05	0.000448	6.55E-06	
5	0.000526	2.31E-05	0.003178
3.89E-05	0.000281	9.48E-06	
6	0.000519	2.53E-05	0.003676
4.81E-05	0.000137	1.16E-05	
7	0.000516	2.82E-05	0.003976
5.63E-05	4.11E-05	1.29E-05	
8	0.000516	3.15E-05	0.004029
6.21E-05	1.86E-05	1.33E-05	
9	0.000520	3.41E-05	0.003741
6.25E-05	9.72E-05	1.26E-05	
10	0.000551	3.59E-05	0.003014
5.04E-05	0.000196	1.06E-05	
11	0.000613	4.23E-05	0.001768
2.08E-05	0.000303	7.82E-06	
12	0.000673	4.81E-05	5.02E-08
2.70E-06	0.000410	4.69E-06	
13	0.000726	5.08E-05	0.002324
1.48E-05	0.000479	2.08E-06	
14	0.000771	5.34E-05	0.004179
5.24E-05	0.000480	1.56E-06	
15	0.000807	5.66E-05	0.005560
7.57E-05	0.000413	4.03E-06	
16	0.000833	5.72E-05	0.006418
8.62E-05	0.000282	6.70E-06	
17	0.000847	5.61E-05	0.006776
8.84E-05	0.000185	8.97E-06	
18	0.000850	5.46E-05	0.006776
8.82E-05	0.000131	1.06E-05	
19	0.000841	5.57E-05	0.006417
8.60E-05	0.000154	1.12E-05	
20	0.000819	5.66E-05	0.005559
7.55E-05	0.000240	1.08E-05	
21	0.000784	5.50E-05	0.004178
5.22E-05	0.000328	9.24E-06	
22	0.000736	4.94E-05	0.002323
1.47E-05	0.000419	6.96E-06	
23	0.000676	4.75E-05	5.02E-08
2.78E-06	0.000519	4.19E-06	
24	0.000604	4.42E-05	0.001767
2.05E-05	0.000594	1.85E-06	
25	0.000528	4.04E-05	0.003013
4.99E-05	0.000583	1.85E-06	
26	0.000460	3.79E-05	0.003740
6.19E-05	0.000482	4.80E-06	
27	0.000413	3.53E-05	0.004028
6.16E-05	0.000322	7.93E-06	
28	0.000392	3.02E-05	0.003975
5.59E-05	0.000199	1.07E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
29	0.000392	2.37E-05	0.003675
4.78E-05	0.000123	1.29E-05	
30	0.000413	1.63E-05	0.003177
3.86E-05	0.000120	1.44E-05	
31	0.000453	8.27E-06	0.002522
2.92E-05	0.000146	1.52E-05	
32	0.000512	8.84E-06	0.001741
1.89E-05	0.000170	1.50E-05	
33	0.000591	4.31E-05	0.000852
9.21E-06	0.000187	1.35E-05	
34	0.000672	8.63E-05	2.43E-08
5.96E-06	0.000192	1.13E-05	
35	0.000509	7.12E-05	1.76E-08
7.31E-06	0.000490	8.65E-06	
36	0.000466	0.000101	0.000781
9.12E-06	0.000473	1.08E-05	
37	0.000424	0.000130	0.001597
1.78E-05	0.000402	1.24E-05	
38	0.000394	0.000149	0.002308
2.80E-05	0.000304	1.29E-05	
39	0.000378	0.000158	0.002894
3.78E-05	0.000196	1.24E-05	
40	0.000370	0.000158	0.003318
4.75E-05	7.88E-05	1.12E-05	
41	0.000366	0.000150	0.003540
5.67E-05	1.17E-05	9.35E-06	
42	0.000369	0.000134	0.003511
6.39E-05	3.40E-05	6.85E-06	
43	0.000389	0.000113	0.003159
6.61E-05	0.000105	3.90E-06	
44	0.000424	8.91E-05	0.002433
5.63E-05	0.000183	9.81E-07	
45	0.000465	6.96E-05	0.001346
2.90E-05	0.000247	1.84E-06	
46	0.000509	5.96E-05	3.10E-08
4.08E-06	0.000288	4.07E-06	
47	0.000551	6.58E-05	0.001858
2.65E-05	0.000308	6.60E-06	
48	0.000590	8.21E-05	0.003499
6.07E-05	0.000301	8.72E-06	
49	0.000624	9.95E-05	0.004811
8.10E-05	0.000256	1.02E-05	
50	0.000648	0.000113	0.005676
8.94E-05	0.000171	1.06E-05	
51	0.000661	0.000119	0.006063
9.05E-05	9.44E-05	1.00E-05	
52	0.000663	0.000117	0.006064
9.03E-05	8.99E-05	8.45E-06	
53	0.000653	0.000107	0.005678
8.91E-05	0.000149	6.19E-06	
54	0.000630	9.18E-05	0.004813
8.06E-05	0.000229	3.48E-06	
55	0.000596	7.47E-05	0.003501
6.03E-05	0.000301	1.25E-06	
56	0.000553	6.08E-05	0.001860
2.62E-05	0.000354	2.25E-06	
57	0.000505	5.96E-05	3.10E-08
4.01E-06	0.000388	4.66E-06	
58	0.000454	7.46E-05	0.001347
2.90E-05	0.000401	7.67E-06	
59	0.000403	9.61E-05	0.002435
5.61E-05	0.000375	1.05E-05	
60	0.000358	0.000119	0.003162
6.58E-05	0.000300	1.25E-05	
61	0.000326	0.000137	0.003514
6.35E-05	0.000188	1.35E-05	
62	0.000310	0.000149	0.003542
5.63E-05	9.22E-05	1.34E-05	
63	0.000310	0.000153	0.003320
4.72E-05	7.07E-05	1.24E-05	
64	0.000325	0.000150	0.002896
3.75E-05	0.000104	1.06E-05	
65	0.000355	0.000140	0.002310
2.78E-05	0.000132	7.91E-06	
66	0.000397	0.000124	0.001598
1.76E-05	0.000155	4.49E-06	
67	0.000452	0.000108	0.000782
9.06E-06	0.000171	8.67E-07	
68	0.000506	9.28E-05	1.76E-08
7.42E-06	0.000176	6.63E-07	
69	0.000592	6.71E-05	3.12E-05
0.000126	0.000643	4.94E-05	
70	0.000535	7.06E-05	0.000818
6.17E-06	0.000609	4.10E-05	
71	0.000487	7.25E-05	0.001670
1.74E-05	0.000515	4.08E-05	
72	0.000463	7.17E-05	0.002416
2.97E-05	0.000379	3.92E-05	
73	0.000450	6.95E-05	0.003037
4.17E-05	0.000242	3.98E-05	
74	0.000443	6.60E-05	0.003499
5.44E-05	0.000109	4.28E-05	
75	0.000439	6.26E-05	0.003761
6.90E-05	2.58E-05	4.67E-05	
76	0.000439	5.89E-05	0.003774
8.66E-05	2.55E-05	4.99E-05	
77	0.000446	5.62E-05	0.003456
0.000106	0.000100	5.20E-05	
78	0.000487	5.44E-05	0.002732
0.000119	0.000187	4.97E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
79	0.000539	5.41E-05	0.001568
0.000107	0.000273	4.29E-05	
80	0.000591	5.47E-05	3.67E-05
6.39E-05	0.000347	3.34E-05	
81	0.000639	5.58E-05	0.002104
0.000101	0.000392	2.56E-05	
82	0.000681	5.69E-05	0.003849
0.000126	0.000390	2.11E-05	
83	0.000716	5.69E-05	0.005193
0.000125	0.000334	1.94E-05	
84	0.000740	5.56E-05	0.006053
0.000116	0.000227	2.52E-05	
85	0.000754	5.33E-05	0.006426
0.000107	0.000139	3.58E-05	
86	0.000757	5.03E-05	0.006426
0.000107	0.000109	4.81E-05	
87	0.000747	4.85E-05	0.006054
0.000115	0.000152	5.84E-05	
88	0.000725	4.86E-05	0.005194
0.000124	0.000235	6.53E-05	
89	0.000690	4.98E-05	0.003849
0.000125	0.000315	6.68E-05	
90	0.000645	5.17E-05	0.002104
0.000100	0.000387	6.36E-05	
91	0.000591	5.44E-05	3.70E-05
6.39E-05	0.000454	5.73E-05	
92	0.000529	5.87E-05	0.001569
0.000107	0.000497	4.98E-05	
93	0.000465	6.12E-05	0.002733
0.000119	0.000477	4.30E-05	
94	0.000409	6.19E-05	0.003457
0.000105	0.000389	3.67E-05	
95	0.000368	6.09E-05	0.003775
8.61E-05	0.000252	3.17E-05	
96	0.000349	5.95E-05	0.003762
6.86E-05	0.000142	2.80E-05	
97	0.000349	5.75E-05	0.003500
5.40E-05	9.17E-05	2.56E-05	
98	0.000367	5.70E-05	0.003038
4.15E-05	0.000112	2.68E-05	
99	0.000403	5.76E-05	0.002417
2.94E-05	0.000139	3.11E-05	
100	0.000454	6.29E-05	0.001670
1.72E-05	0.000163	3.63E-05	
101	0.000520	7.54E-05	0.000817
6.16E-06	0.000179	3.79E-05	
102	0.000588	9.01E-05	3.07E-05
0.000126	0.000184	4.13E-05	
103	0.000465	7.61E-05	.000000
-4.28E-21	0.000799	6.50E-07	
104	0.001191	0.000334	.000000
1.99E-22	0.000398	4.69E-06	
105	1.14E-07	6.22E-06	.000000
1.45E-05	0.000520	4.19E-06	
106	0.001564	1.95E-20	.000000
6.34E-05	0.000179	1.13E-05	
107	0.000316	5.75E-06	.000000
-7.63E-22	0.000489	8.65E-06	
108	0.000952	3.32E-08	.000000

4.07E-06	0.000288	4.07E-06
109	.000000	.000000
1.27E-05	0.000389	4.66E-06
110	0.001086	2.13E-05
1.30E-05	0.000175	6.63E-07

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JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000526	-1.94E-05	-3.27E-07
-4.83E-05	-0.000192	-4.26E-06	
2	-0.000587	-1.87E-05	-0.003530
-0.000159	-0.000187	-1.50E-06	
3	-0.000509	-2.09E-05	-0.006937
-0.000289	-0.000170	-3.11E-07	
4	-0.000520	-3.61E-05	-0.009476
-0.000387	-0.000146	-4.55E-07	
5	-0.000527	-5.00E-05	-0.011145
-0.000447	-0.000120	-6.10E-07	
6	-0.000525	-5.72E-05	-0.011888
-0.000474	-0.000123	-7.44E-07	
7	-0.000512	-5.65E-05	-0.011667
-0.000465	-0.000199	-8.68E-07	
8	-0.000490	-4.89E-05	-0.010522
-0.000422	-0.000321	-1.03E-06	
9	-0.000461	-3.42E-05	-0.008489
-0.000346	-0.000482	-1.29E-06	
10	-0.000455	-1.77E-05	-0.005785
-0.000243	-0.000583	-1.62E-06	
11	-0.000485	-1.06E-05	-0.002805
-0.000137	-0.000594	-1.90E-06	
12	-0.000528	-7.78E-06	-7.41E-07
-6.73E-05	-0.000520	-1.89E-06	
13	-0.000582	-8.19E-06	-0.002231
-0.000107	-0.000420	-9.71E-07	
14	-0.000640	-1.90E-05	-0.004627
-0.000194	-0.000328	-5.89E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
15	-0.000696	-3.73E-05	-0.006855
-0.000281	-0.000240	-1.91E-06	
16	-0.000740	-5.35E-05	-0.008549
-0.000350	-0.000154	-2.58E-06	
17	-0.000766	-6.34E-05	-0.009456
-0.000386	-0.000131	-2.78E-06	
18	-0.000769	-6.61E-05	-0.009456
-0.000386	-0.000185	-2.73E-06	
19	-0.000749	-6.00E-05	-0.008549
-0.000350	-0.000282	-2.60E-06	
20	-0.000706	-4.68E-05	-0.006855
-0.000281	-0.000413	-2.44E-06	
21	-0.000650	-2.83E-05	-0.004626
-0.000194	-0.000480	-2.32E-06	
22	-0.000589	-1.04E-05	-0.002230
-0.000107	-0.000478	-2.33E-06	
23	-0.000532	-5.79E-06	-7.41E-07
-6.74E-05	-0.000409	-2.15E-06	
24	-0.000486	-8.52E-06	-0.002804
-0.000137	-0.000303	-1.11E-06	
25	-0.000454	-1.62E-05	-0.005784
-0.000243	-0.000196	-6.99E-07	
26	-0.000435	-3.32E-05	-0.008488
-0.000346	-9.73E-05	-1.83E-06	
27	-0.000427	-5.14E-05	-0.010520
-0.000422	-1.87E-05	-2.37E-06	
28	-0.000428	-6.20E-05	-0.011665
-0.000464	-4.11E-05	-2.59E-06	
29	-0.000435	-6.41E-05	-0.011887
-0.000474	-0.000137	-2.62E-06	
30	-0.000448	-5.54E-05	-0.011145
-0.000447	-0.000281	-2.57E-06	
31	-0.000465	-3.60E-05	-0.009476
-0.000387	-0.000448	-2.49E-06	
32	-0.000484	-1.28E-05	-0.006937
-0.000289	-0.000619	-2.37E-06	
33	-0.000507	-1.57E-05	-0.003530
-0.000159	-0.000764	-2.19E-06	
34	-0.000528	-2.36E-05	-3.27E-07
-4.82E-05	-0.000812	-2.03E-06	
35	-0.000380	-1.29E-05	-9.97E-09
-5.19E-05	-0.000176	-5.69E-07	
36	-0.000361	-1.27E-05	-0.002154
-0.000159	-0.000171	-7.27E-07	
37	-0.000342	-1.27E-05	-0.004306
-0.000283	-0.000155	-9.19E-07	
38	-0.000329	-1.27E-05	-0.005988
-0.000376	-0.000132	-1.11E-06	
39	-0.000323	-1.29E-05	-0.007146
-0.000431	-0.000104	-1.30E-06	
40	-0.000317	-1.36E-05	-0.007711
-0.000454	-7.06E-05	-1.52E-06	
41	-0.000308	-1.39E-05	-0.007646
-0.000444	-9.22E-05	-1.68E-06	
42	-0.000299	-1.37E-05	-0.006966
-0.000400	-0.000188	-1.69E-06	
43	-0.000303	-1.26E-05	-0.005695
-0.000324	-0.000300	-1.32E-06	
44	-0.000320	-1.02E-05	-0.003961
-0.000222	-0.000375	-3.46E-07	
45	-0.000347	-7.14E-06	-0.001987
-0.000118	-0.000401	-1.59E-06	
46	-0.000379	-5.31E-06	-3.44E-08
-4.59E-05	-0.000388	-2.62E-06	
47	-0.000394	-5.50E-06	-0.001493
-9.58E-05	-0.000354	-2.66E-06	
48	-0.000454	-6.55E-06	-0.003015
-0.000180	-0.000301	-2.47E-06	
49	-0.000489	-7.21E-06	-0.004410
-0.000265	-0.000229	-2.36E-06	
50	-0.000516	-7.18E-06	-0.005467
-0.000332	-0.000149	-2.34E-06	
51	-0.000531	-6.92E-06	-0.006033
-0.000366	-9.00E-05	-2.39E-06	
52	-0.000531	-7.39E-06	-0.006033
-0.000366	-9.43E-05	-2.46E-06	
53	-0.000517	-7.63E-06	-0.005469
-0.000332	-0.000171	-2.35E-06	
54	-0.000490	-7.28E-06	-0.004413
-0.000265	-0.000256	-1.80E-06	
55	-0.000454	-6.30E-06	-0.003017
-0.000180	-0.000301	-1.14E-06	
56	-0.000414	-5.13E-06	-0.001495
-9.55E-05	-0.000308	-1.69E-06	
57	-0.000375	-5.22E-06	-3.43E-08
-4.58E-05	-0.000289	-2.54E-06	
58	-0.000341	-8.02E-06	-0.001988
-0.000118	-0.000247	-2.49E-06	
59	-0.000313	-1.08E-05	-0.003964
-0.000222	-0.000183	-2.19E-06	
60	-0.000294	-1.23E-05	-0.005698
-0.000323	-0.000105	-1.85E-06	
61	-0.000285	-1.25E-05	-0.006969
-0.000400	-3.40E-05	-1.63E-06	
62	-0.000285	-1.19E-05	-0.007648
-0.000443	-1.17E-05	-1.58E-06	
63	-0.000290	-1.06E-05	-0.007713
-0.000454	-7.88E-05	-1.60E-06	
64	-0.000301	-9.28E-06	-0.007149
-0.000431	-0.000196	-1.60E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
65	-0.000316	-8.34E-06	-0.005990
-0.000375	-0.000304	-1.56E-06	
66	-0.000334	-8.53E-06	-0.004307
-0.000283	-0.000402	-1.47E-06	
67	-0.000355	-1.21E-05	-0.002155
-0.000159	-0.000473	-1.36E-06	
68	-0.000374	-1.65E-05	-1.00E-08
-5.21E-05	-0.000490	-3.36E-06	
69	-0.000453	-1.53E-05	-5.59E-06
-1.59E-05	-0.000184	-9.03E-05	
70	-0.000433	-1.49E-05	-0.002821
-0.000150	-0.000178	-6.66E-05	
71	-0.000421	-1.43E-05	-0.005596
-0.000362	-0.000163	-5.70E-05	
72	-0.000421	-1.38E-05	-0.007707
-0.000495	-0.000139	-4.63E-05	
73	-0.000423	-1.33E-05	-0.009124
-0.000573	-0.000112	-3.91E-05	
74	-0.000419	-1.26E-05	-0.009777
-0.000600	-9.16E-05	-3.49E-05	
75	-0.000408	-1.17E-05	-0.009636
-0.000580	-0.000142	-3.31E-05	
76	-0.000391	-1.06E-05	-0.008720
-0.000518	-0.000252	-3.17E-05	
77	-0.000373	-9.71E-06	-0.007068
-0.000412	-0.000389	-3.03E-05	
78	-0.000387	-8.57E-06	-0.004850
-0.000270	-0.000477	-2.99E-05	
79	-0.000415	-7.20E-06	-0.002377
-0.000110	-0.000497	-3.02E-05	
80	-0.000453	-5.68E-06	-5.42E-06
-6.09E-06	-0.000454	-3.01E-05	
81	-0.000498	-4.69E-06	-0.001842
-8.36E-05	-0.000387	-2.86E-05	
82	-0.000547	-4.54E-06	-0.003798
-0.000230	-0.000315	-2.55E-05	
83	-0.000592	-4.45E-06	-0.005607
-0.000359	-0.000235	-2.30E-05	
84	-0.000628	-4.31E-06	-0.006983
-0.000451	-0.000152	-2.61E-05	
85	-0.000648	-4.09E-06	-0.007722
-0.000500	-0.000109	-3.26E-05	
86	-0.000650	-4.03E-06	-0.007722
-0.000500	-0.000139	-3.96E-05	
87	-0.000633	-4.20E-06	-0.006985
-0.000451	-0.000227	-4.71E-05	
88	-0.000597	-4.27E-06	-0.005609
-0.000359	-0.000334	-5.50E-05	
89	-0.000551	-4.26E-06	-0.003799
-0.000229	-0.000390	-6.20E-05	
90	-0.000501	-4.20E-06	-0.001843
-8.33E-05	-0.000392	-6.69E-05	
91	-0.000452	-4.52E-06	-5.57E-06
-6.04E-06	-0.000347	-7.04E-05	
92	-0.000413	-6.95E-06	-0.002377
-0.000109	-0.000273	-7.05E-05	
93	-0.000382	-8.83E-06	-0.004850
-0.000269	-0.000187	-6.49E-05	
94	-0.000364	-9.86E-06	-0.007068
-0.000411	-0.000100	-5.39E-05	
95	-0.000355	-1.01E-05	-0.008721
-0.000517	-2.55E-05	-3.99E-05	
96	-0.000356	-9.63E-06	-0.009637
-0.000580	-2.58E-05	-2.71E-05	
97	-0.000362	-8.77E-06	-0.009778
-0.000600	-0.000109	-1.73E-05	
98	-0.000374	-8.02E-06	-0.009125
-0.000573	-0.000242	-1.17E-05	
99	-0.000390	-7.15E-06	-0.007708
-0.000495	-0.000379	-1.06E-05	
100	-0.000409	-7.98E-06	-0.005596
-0.000361	-0.000515	-9.93E-06	
101	-0.000430	-1.31E-05	-0.002821
-0.000150	-0.000609	-9.51E-06	
102	-0.000451	-1.96E-05	-5.37E-06
-1.58E-05	-0.000644	-1.20E-05	
103	-0.000958	-0.000176	.000000
-9.54E-05	-0.000201	-4.26E-06	
104	-0.000979	-0.000311	.000000
-2.54E-05	-0.000522	-1.89E-06	
105	-8.98E-07	-4.91E-05	.000000
-7.26E-05	-0.000407	-2.15E-06	
106	-0.000773	-0.000178	.000000
-0.000321	-0.000732	-2.03E-06	
107	-0.000505	-9.19E-06	.000000
-5.44E-05	-0.000177	-5.69E-07	
108	-0.000748	-2.61E-08	.000000
-4.59E-05	-0.000388	-2.62E-06	
109	.000000	.000000	.000000
-4.94E-05	-0.000287	-2.54E-06	
110	-0.000585	-3.96E-05	.000000
-8.17E-05	-0.000486	-3.36E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.001213	0.000248	4.11E-08
0.000170	0.001409	4.76E-06	
2	0.001090	0.000222	0.001583
0.000173	0.001326	4.65E-06	
3	0.001002	0.000197	0.003237
0.000181	0.001075	5.99E-06	
4	0.000960	0.000188	0.004688
0.000194	0.000776	9.57E-06	
5	0.000938	0.000189	0.005902
0.000205	0.000481	1.25E-05	
6	0.000926	0.000191	0.006818
0.000214	0.000226	1.47E-05	
7	0.000920	0.000203	0.007358
0.000222	6.12E-05	1.57E-05	
8	0.000919	0.000216	0.007429
0.000227	4.13E-05	1.58E-05	
9	0.000928	0.000226	0.006864
0.000226	0.000187	1.46E-05	
10	0.000996	0.000238	0.005490
0.000211	0.000367	1.27E-05	
11	0.001105	0.000250	0.003190
0.000177	0.000553	1.00E-05	
12	0.001213	0.000259	8.77E-08
0.000147	0.000729	7.01E-06	
13	0.001310	0.000262	0.004227
0.000172	0.000841	4.51E-06	
14	0.001393	0.000260	0.007659
0.000216	0.000841	4.04E-06	
15	0.001460	0.000260	0.010245
0.000244	0.000721	6.67E-06	
16	0.001508	0.000257	0.011870
0.000257	0.000491	9.69E-06	
17	0.001535	0.000252	0.012559
0.000260	0.000318	1.21E-05	
18	0.001540	0.000250	0.012559
0.000260	0.000233	1.36E-05	
19	0.001522	0.000256	0.011871
0.000257	0.000290	1.40E-05	
20	0.001480	0.000260	0.010245
0.000244	0.000451	1.29E-05	
21	0.001414	0.000259	0.007658
0.000215	0.000611	1.08E-05	
22	0.001325	0.000259	0.004226
0.000171	0.000771	8.27E-06	
23	0.001216	0.000258	8.77E-08
0.000147	0.000937	5.40E-06	
24	0.001088	0.000252	0.003189
0.000177	0.001057	2.95E-06	
25	0.000952	0.000242	0.005489
0.000211	0.001035	2.89E-06	
26	0.000832	0.000229	0.006862
0.000225	0.000857	6.07E-06	
27	0.000749	0.000217	0.007428
0.000226	0.000575	9.67E-06	
28	0.000711	0.000201	0.007357
0.000221	0.000351	1.29E-05	
29	0.000711	0.000185	0.006817
0.000214	0.000217	1.56E-05	
30	0.000748	0.000176	0.005902
0.000204	0.000220	1.75E-05	
31	0.000821	0.000171	0.004688
0.000193	0.000271	1.84E-05	
32	0.000927	0.000180	0.003237
0.000181	0.000315	1.81E-05	
33	0.001067	0.000228	0.001583
0.000173	0.000348	1.61E-05	
34	0.001211	0.000285	4.09E-08
0.000170	0.000358	1.35E-05	
35	0.001025	0.000259	2.93E-08
6.94E-06	0.001051	1.51E-05	
36	0.000934	0.000293	0.001513
1.03E-05	0.001004	1.79E-05	
37	0.000847	0.000326	0.003093
2.05E-05	0.000840	2.01E-05	
38	0.000795	0.000347	0.004471
3.19E-05	0.000623	2.08E-05	
39	0.000768	0.000357	0.005610
4.27E-05	0.000395	2.03E-05	
40	0.000752	0.000355	0.006443
5.35E-05	0.000163	1.89E-05	
41	0.000746	0.000353	0.006892
6.31E-05	2.86E-05	1.67E-05	
42	0.000749	0.000343	0.006866
7.02E-05	6.13E-05	1.40E-05	
43	0.000777	0.000325	0.006218
7.06E-05	0.000200	1.06E-05	
44	0.000849	0.000303	0.004836
5.66E-05	0.000354	7.20E-06	
45	0.000935	0.000283	0.002711
2.19E-05	0.000491	7.53E-06	
46	0.001025	0.000273	6.14E-08
6.53E-07	0.000592	9.61E-06	
47	0.001109	0.000282	0.003705
1.69E-05	0.000646	1.26E-05	
48	0.001186	0.000301	0.006904
5.96E-05	0.000635	1.51E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.001250	0.000320	0.009426
8.54E-05	0.000541	1.72E-05	
50	0.001296	0.000332	0.011069
9.66E-05	0.000364	1.81E-05	
51	0.001322	0.000335	0.011796
9.86E-05	0.000210	1.77E-05	
52	0.001326	0.000333	0.011798
9.84E-05	0.000184	1.61E-05	
53	0.001307	0.000326	0.011072
9.63E-05	0.000285	1.35E-05	
54	0.001264	0.000311	0.009429
8.49E-05	0.000439	1.04E-05	
55	0.001199	0.000293	0.006907
5.92E-05	0.000590	7.75E-06	
56	0.001116	0.000277	0.003707
1.66E-05	0.000695	8.07E-06	
57	0.001020	0.000273	6.15E-08
5.81E-07	0.000785	1.02E-05	
58	0.000916	0.000288	0.002712
2.18E-05	0.000832	1.32E-05	
59	0.000809	0.000310	0.004839
5.63E-05	0.000790	1.63E-05	
60	0.000716	0.000331	0.006222
7.03E-05	0.000640	1.88E-05	
61	0.000649	0.000345	0.006869
6.97E-05	0.000412	2.03E-05	
62	0.000616	0.000350	0.006896
6.27E-05	0.000217	2.06E-05	
63	0.000615	0.000347	0.006447
5.31E-05	0.000149	2.01E-05	
64	0.000646	0.000345	0.005613
4.24E-05	0.000201	1.85E-05	
65	0.000707	0.000335	0.004473
3.16E-05	0.000254	1.59E-05	
66	0.000794	0.000318	0.003095
2.03E-05	0.000299	1.24E-05	
67	0.000907	0.000303	0.001514
1.02E-05	0.000331	8.51E-06	
68	0.001020	0.000293	2.94E-08
7.15E-06	0.000340	7.77E-06	
69	0.001115	0.000235	2.37E-07
0.000215	0.002091	6.83E-05	
70	0.001006	0.000238	0.001540
4.87E-05	0.001549	7.48E-05	
71	0.000918	0.000240	0.003153
5.52E-05	0.001298	6.66E-05	
72	0.000874	0.000239	0.004564
6.56E-05	0.001037	6.34E-05	
73	0.000850	0.000237	0.005736
7.63E-05	0.000787	6.42E-05	
74	0.000836	0.000232	0.006604
8.69E-05	0.000549	6.95E-05	
75	0.000830	0.000237	0.007089
0.000100	0.000389	7.72E-05	
76	0.000830	0.000241	0.007099
0.000117	0.000369	8.76E-05	
77	0.000839	0.000244	0.006474
0.000134	0.000486	9.66E-05	
78	0.000915	0.000245	0.005070
0.000147	0.000644	9.80E-05	
79	0.001014	0.000245	0.002829
0.000132	0.000804	9.02E-05	
80	0.001116	0.000247	2.15E-08
8.03E-05	0.000964	7.51E-05	
81	0.001207	0.000250	0.003843
0.000126	0.001063	6.01E-05	
82	0.001288	0.000253	0.007182
0.000155	0.001066	5.06E-05	
83	0.001354	0.000252	0.009757
0.000154	0.000964	4.35E-05	
84	0.001401	0.000248	0.011405
0.000142	0.000770	4.74E-05	
85	0.001428	0.000242	0.012121
0.000131	0.000614	6.05E-05	
86	0.001432	0.000238	0.012121
0.000130	0.000547	7.82E-05	
87	0.001414	0.000241	0.011407
0.000141	0.000594	9.47E-05	
88	0.001371	0.000243	0.009759
0.000153	0.000732	0.000108	
89	0.001305	0.000245	0.007183
0.000154	0.000882	0.000113	
90	0.001219	0.000246	0.003844
0.000125	0.001020	0.000109	
91	0.001115	0.000246	1.41E-08
8.02E-05	0.001167	9.80E-05	
92	0.000996	0.000249	0.002830
0.000132	0.001263	8.41E-05	
93	0.000873	0.000250	0.005071
0.000146	0.001235	7.15E-05	
94	0.000765	0.000247	0.006476
0.000133	0.001075	5.99E-05	
95	0.000686	0.000239	0.007100
0.000115	0.000827	5.17E-05	
96	0.000652	0.000229	0.007091
9.92E-05	0.000629	4.86E-05	
97	0.000652	0.000219	0.006605
8.65E-05	0.000527	4.97E-05	
98	0.000687	0.000219	0.005737
7.60E-05	0.000525	5.71E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000754	0.000220	0.004565
6.54E-05	0.000554	6.87E-05	
100	0.000851	0.000227	0.003153
5.50E-05	0.000609	8.29E-05	
101	0.000979	0.000245	0.001540
4.87E-05	0.000763	9.20E-05	
102	0.001110	0.000269	5.65E-08
0.000215	0.000426	0.000123	
103	0.000793	0.000444	.000000
2.26E-05	0.001414	4.76E-06	
104	0.002081	0.000919	.000000
9.60E-05	0.000743	7.01E-06	
105	7.10E-06	0.000388	.000000
0.000167	0.000934	5.40E-06	
106	0.002852	-4.66E-20	.000000
0.000211	0.000315	1.35E-05	
107	0.000653	1.19E-05	.000000
-4.43E-22	0.001048	1.51E-05	
108	0.001915	6.68E-08	.000000
6.36E-07	0.000592	9.61E-06	
109	.000000	.000000	.000000
1.73E-05	0.000786	1.02E-05	
110	0.002260	4.28E-05	.000000
1.63E-05	0.000340	7.77E-06	

COMB DL-G1-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000948	-3.01E-05	-4.98E-07
-3.34E-05	-0.000358	-1.25E-05	
2	-0.000910	-3.10E-05	-0.006175
-0.000155	-0.000348	-9.26E-06	
3	-0.000901	-3.27E-05	-0.012161
-0.000300	-0.000315	-6.67E-06	
4	-0.000915	-4.06E-05	-0.016654
-0.000410	-0.000271	-6.33E-06	
5	-0.000925	-5.68E-05	-0.019630
-0.000476	-0.000220	-5.99E-06	
6	-0.000919	-6.61E-05	-0.020970
-0.000505	-0.000217	-5.68E-06	
7	-0.000896	-6.54E-05	-0.020610
-0.000497	-0.000351	-5.34E-06	
8	-0.000857	-5.52E-05	-0.018608
-0.000450	-0.000575	-5.19E-06	
9	-0.000811	-3.57E-05	-0.015040
-0.000366	-0.000857	-5.24E-06	
10	-0.000815	-2.01E-05	-0.010278
-0.000252	-0.001035	-5.68E-06	
11	-0.000870	-1.04E-05	-0.005007
-0.000135	-0.001057	-6.37E-06	
12	-0.000948	-3.69E-06	-1.14E-06
-5.22E-05	-0.000938	-7.00E-06	
13	-0.001043	-1.38E-06	-0.003952
-0.000100	-0.000771	-6.80E-06	
14	-0.001146	-9.28E-06	-0.008165
-0.000195	-0.000611	-6.64E-06	
15	-0.001244	-3.14E-05	-0.012076
-0.000292	-0.000450	-8.38E-06	
16	-0.001321	-5.14E-05	-0.015050
-0.000367	-0.000290	-9.16E-06	
17	-0.001366	-6.35E-05	-0.016645
-0.000405	-0.000233	-9.25E-06	
18	-0.001371	-6.65E-05	-0.016645
-0.000405	-0.000318	-9.03E-06	
19	-0.001334	-5.89E-05	-0.015051
-0.000367	-0.000491	-8.63E-06	
20	-0.001260	-4.21E-05	-0.012077
-0.000291	-0.000721	-8.11E-06	
21	-0.001160	-1.81E-05	-0.008165
-0.000194	-0.000841	-7.57E-06	
22	-0.001052	-1.36E-06	-0.003951
-0.000100	-0.000841	-7.46E-06	
23	-0.000951	-2.79E-07	-1.14E-06
-5.23E-05	-0.000729	-7.35E-06	
24	-0.000869	-7.36E-06	-0.005006
-0.000135	-0.000553	-6.84E-06	
25	-0.000808	-1.73E-05	-0.010276
-0.000251	-0.000367	-6.56E-06	
26	-0.000773	-3.50E-05	-0.015038
-0.000365	-0.000187	-7.98E-06	
27	-0.000757	-5.73E-05	-0.018606
-0.000449	-4.14E-05	-8.60E-06	
28	-0.000759	-7.00E-05	-0.020608
-0.000496	-6.11E-05	-8.79E-06	
29	-0.000772	-7.12E-05	-0.020969
-0.000505	-0.000226	-8.90E-06	
30	-0.000795	-5.89E-05	-0.019630
-0.000476	-0.000481	-8.94E-06	
31	-0.000825	-3.40E-05	-0.016654
-0.000409	-0.000775	-8.84E-06	
32	-0.000862	-1.06E-05	-0.012162
-0.000300	-0.001075	-8.56E-06	
33	-0.000903	-1.95E-05	-0.006175
-0.000154	-0.001326	-8.07E-06	
34	-0.000943	-3.25E-05	-4.98E-07
-3.33E-05	-0.001409	-7.56E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
35	-0.000778	-2.02E-05	-1.24E-07
-0.000201	-0.000340	-1.14E-06	
36	-0.000741	-2.19E-05	-0.004601
-0.000330	-0.000330	-1.45E-06	
37	-0.000707	-2.43E-05	-0.009158
-0.000478	-0.000299	-2.00E-06	
38	-0.000692	-2.70E-05	-0.012675
-0.000591	-0.000254	-2.44E-06	
39	-0.000686	-2.89E-05	-0.015071
-0.000661	-0.000201	-2.74E-06	
40	-0.000676	-2.96E-05	-0.016210
-0.000692	-0.000149	-2.99E-06	
41	-0.000658	-2.88E-05	-0.016029
-0.000683	-0.000217	-3.14E-06	
42	-0.000635	-2.62E-05	-0.014560
-0.000635	-0.000412	-3.14E-06	
43	-0.000626	-2.15E-05	-0.011858
-0.000547	-0.000640	-2.64E-06	
44	-0.000658	-1.47E-05	-0.008203
-0.000425	-0.000790	-1.62E-06	
45	-0.000709	-5.99E-06	-0.004078
-0.000297	-0.000831	-2.67E-06	
46	-0.000775	-8.62E-07	-3.12E-07
-0.000210	-0.000784	-3.77E-06	
47	-0.000851	-1.28E-06	-0.003104
-0.000267	-0.000695	-3.67E-06	
48	-0.000930	-4.03E-06	-0.006314
-0.000373	-0.000580	-3.32E-06	
49	-0.001004	-6.33E-06	-0.009268
-0.000477	-0.000439	-3.66E-06	
50	-0.001062	-7.70E-06	-0.011510
-0.000558	-0.000285	-4.30E-06	
51	-0.001094	-8.16E-06	-0.012712
-0.000600	-0.000185	-4.87E-06	
52	-0.001096	-8.10E-06	-0.012713
-0.000600	-0.000210	-5.27E-06	
53	-0.001066	-7.59E-06	-0.011513
-0.000558	-0.000364	-5.33E-06	
54	-0.001009	-6.21E-06	-0.009272
-0.000477	-0.000541	-4.86E-06	
55	-0.000934	-3.95E-06	-0.006317
-0.000372	-0.000636	-4.22E-06	
56	-0.000850	-1.27E-06	-0.003106
-0.000267	-0.000646	-4.25E-06	
57	-0.000770	-7.55E-07	-3.12E-07
-0.000210	-0.000592	-4.81E-06	
58	-0.000701	-7.43E-06	-0.004080
-0.000296	-0.000491	-4.36E-06	
59	-0.000646	-1.68E-05	-0.008206
-0.000424	-0.000354	-3.66E-06	
60	-0.000610	-2.34E-05	-0.011862
-0.000546	-0.000200	-3.13E-06	
61	-0.000593	-2.70E-05	-0.014563
-0.000635	-6.14E-05	-3.42E-06	
62	-0.000592	-2.77E-05	-0.016032
-0.000683	-2.86E-05	-3.89E-06	
63	-0.000603	-2.59E-05	-0.016214
-0.000691	-0.000163	-4.53E-06	
64	-0.000624	-2.20E-05	-0.015075
-0.000660	-0.000395	-5.06E-06	
65	-0.000653	-1.64E-05	-0.012678
-0.000591	-0.000623	-5.43E-06	
66	-0.000687	-1.08E-05	-0.009160
-0.000478	-0.000840	-5.64E-06	
67	-0.000727	-1.43E-05	-0.004603
-0.000330	-0.001004	-5.74E-06	
68	-0.000765	-2.34E-05	-1.24E-07
-0.000201	-0.001051	-7.29E-06	
69	-0.000863	-2.51E-05	-0.000449
-2.99E-05	-0.000426	-0.000181	
70	-0.000826	-2.64E-05	-0.005732
-0.000208	-0.000763	-0.000125	
71	-0.000805	-2.85E-05	-0.011034
-0.000449	-0.000608	-0.000106	
72	-0.000808	-3.09E-05	-0.015088
-0.000602	-0.000554	-8.64E-05	
73	-0.000811	-3.25E-05	-0.017847
-0.000691	-0.000525	-7.14E-05	
74	-0.000804	-3.29E-05	-0.019121
-0.000722	-0.000527	-6.04E-05	
75	-0.000783	-3.20E-05	-0.018828
-0.000698	-0.000629	-5.39E-05	
76	-0.000751	-2.93E-05	-0.017028
-0.000625	-0.000827	-5.14E-05	
77	-0.000714	-2.46E-05	-0.013809
-0.000501	-0.001075	-5.16E-05	
78	-0.000737	-1.77E-05	-0.009559
-0.000334	-0.001235	-5.49E-05	
79	-0.000791	-8.52E-06	-0.004814
-0.000146	-0.001263	-5.94E-05	
80	-0.000864	-2.23E-06	-0.000452
-1.94E-05	-0.001167	-6.41E-05	
81	-0.000952	-1.36E-06	-0.003799
-0.000114	-0.001020	-6.58E-05	
82	-0.001045	-4.24E-06	-0.007554
-0.000284	-0.000882	-6.24E-05	
83	-0.001132	-6.52E-06	-0.011031
-0.000437	-0.000732	-5.60E-05	
84	-0.001201	-7.85E-06	-0.013729
-0.000545	-0.000594	-5.48E-05	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
85	-0.001241	-8.28E-06	-0.015180
-0.000602	-0.000547	-5.90E-05	
86	-0.001247	-8.24E-06	-0.015181
-0.000602	-0.000614	-6.56E-05	
87	-0.001213	-7.78E-06	-0.013731
-0.000545	-0.000769	-7.45E-05	
88	-0.001143	-6.45E-06	-0.011034
-0.000436	-0.000963	-8.72E-05	
89	-0.001054	-4.19E-06	-0.007555
-0.000284	-0.001066	-0.000100	
90	-0.000957	-1.35E-06	-0.003799
-0.000113	-0.001063	-0.000110	
91	-0.000864	-5.38E-07	-0.000451
-1.92E-05	-0.000964	-0.000119	
92	-0.000786	-7.75E-06	-0.004814
-0.000145	-0.000804	-0.000122	
93	-0.000728	-1.74E-05	-0.009560
-0.000333	-0.000644	-0.000115	
94	-0.000692	-2.39E-05	-0.013809
-0.000500	-0.000486	-9.82E-05	
95	-0.000676	-2.71E-05	-0.017029
-0.000624	-0.000369	-7.48E-05	
96	-0.000675	-2.76E-05	-0.018829
-0.000697	-0.000389	-5.40E-05	
97	-0.000688	-2.56E-05	-0.019121
-0.000721	-0.000549	-3.89E-05	
98	-0.000709	-2.16E-05	-0.017848
-0.000690	-0.000786	-3.03E-05	
99	-0.000739	-1.61E-05	-0.015090
-0.000601	-0.001037	-2.87E-05	
100	-0.000774	-1.07E-05	-0.011034
-0.000449	-0.001298	-2.93E-05	
101	-0.000816	-1.71E-05	-0.005733
-0.000208	-0.001550	-3.66E-05	
102	-0.000854	-2.82E-05	-0.000450
-2.98E-05	-0.002092	-2.29E-05	
103	-0.001671	-0.000216	.000000
-7.69E-05	-0.000364	-1.25E-05	
104	-0.001797	-0.000455	.000000
1.01E-20	-0.000920	-7.00E-06	
105	-2.14E-08	-1.17E-06	.000000
-6.21E-05	-0.000729	-7.35E-06	
106	-0.001367	-9.37E-05	.000000
-0.000453	-0.001319	-7.56E-06	
107	-0.001135	-2.07E-05	.000000
-0.000205	-0.001344	-1.14E-06	
108	-0.001527	-5.33E-08	.000000
-0.000210	-0.000784	-3.77E-06	
109	.000000	.000000	.000000
-0.000218	-0.000587	-4.81E-06	
110	-0.001172	-8.24E-05	.000000
-0.000261	-0.001036	-7.29E-06	

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JOINT	U1	U2	U3
R1	R2	R3	
1	0.001533	0.000304	4.67E-08
0.000277	0.001705	7.76E-06	
2	0.001383	0.000279	0.002079
0.000355	0.001604	6.63E-06	
3	0.001266	0.000258	0.004250
0.000442	0.001305	7.48E-06	
4	0.001206	0.000258	0.006152
0.000510	0.000940	1.06E-05	
5	0.001174	0.000266	0.007739
0.000551	0.000577	1.31E-05	
6	0.001156	0.000271	0.008923
0.000568	0.000255	1.48E-05	
7	0.001148	0.000289	0.009602
0.000560	6.38E-05	1.56E-05	
8	0.001150	0.000304	0.009652
0.000528	6.65E-05	1.54E-05	
9	0.001172	0.000312	0.008859
0.000469	0.000258	1.43E-05	
10	0.001264	0.000318	0.007022
0.000381	0.000485	1.26E-05	
11	0.001399	0.000324	0.004034
0.000280	0.000710	1.03E-05	
12	0.001535	0.000327	1.06E-07
0.000221	0.000909	7.75E-06	
13	0.001659	0.000329	0.005401
0.000274	0.001030	5.64E-06	
14	0.001767	0.000332	0.009876
0.000372	0.001024	5.55E-06	
15	0.001855	0.000338	0.013302
0.000456	0.000876	8.47E-06	
16	0.001919	0.000341	0.015484
0.000513	0.000594	1.14E-05	
17	0.001954	0.000336	0.016423
0.000539	0.000372	1.36E-05	
18	0.001960	0.000335	0.016424
0.000539	0.000288	1.47E-05	
19	0.001936	0.000341	0.015486
0.000513	0.000386	1.48E-05	
20	0.001879	0.000340	0.013305
0.000456	0.000597	1.34E-05	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
21	0.001791	0.000333	0.009877
0.000372	0.000803	1.12E-05	
22	0.001675	0.000326	0.005401
0.000274	0.000996	8.62E-06	
23	0.001535	0.000324	1.06E-07
0.000221	0.001184	5.80E-06	
24	0.001375	0.000321	0.004034
0.000279	0.001312	3.40E-06	
25	0.001208	0.000318	0.007022
0.000380	0.001278	3.47E-06	
26	0.001060	0.000312	0.008860
0.000468	0.001057	6.86E-06	
27	0.000956	0.000304	0.009653
0.000527	0.000710	1.04E-05	
28	0.000907	0.000289	0.009603
0.000560	0.000425	1.34E-05	
29	0.000907	0.000270	0.008924
0.000567	0.000263	1.59E-05	
30	0.000955	0.000262	0.007740
0.000551	0.000284	1.76E-05	
31	0.001047	0.000253	0.006153
0.000510	0.000353	1.83E-05	
32	0.001180	0.000252	0.004250
0.000442	0.000413	1.79E-05	
33	0.001356	0.000284	0.002079
0.000355	0.000456	1.58E-05	
34	0.001535	0.000333	4.66E-08
0.000277	0.000469	1.33E-05	
35	0.001478	0.000318	4.77E-08
5.70E-05	0.001600	1.61E-05	
36	0.001338	0.000345	0.002090
0.000118	0.001512	1.87E-05	
37	0.001221	0.000371	0.004272
0.000188	0.001241	2.07E-05	
38	0.001156	0.000388	0.006178
0.000244	0.000904	2.14E-05	
39	0.001122	0.000395	0.007760
0.000277	0.000563	2.09E-05	
40	0.001102	0.000392	0.008929
0.000290	0.000243	1.96E-05	
41	0.001094	0.000394	0.009581
0.000287	5.02E-05	1.76E-05	
42	0.001097	0.000390	0.009590
0.000263	7.68E-05	1.51E-05	
43	0.001126	0.000377	0.008750
0.000213	0.000268	1.19E-05	
44	0.001220	0.000357	0.006877
0.000140	0.000488	9.80E-06	
45	0.001348	0.000340	0.003908
5.65E-05	0.000696	1.09E-05	
46	0.001478	0.000335	9.50E-08
7.43E-06	0.000868	1.30E-05	
47	0.001598	0.000349	0.005282
5.75E-05	0.000967	1.54E-05	
48	0.001706	0.000370	0.009736
0.000136	0.000957	1.74E-05	
49	0.001794	0.000389	0.013189
0.000204	0.000817	1.92E-05	
50	0.001858	0.000399	0.015411
0.000249	0.000552	2.00E-05	
51	0.001893	0.000400	0.016379
0.000268	0.000337	1.95E-05	
52	0.001899	0.000398	0.016380
0.000267	0.000274	1.80E-05	
53	0.001875	0.000395	0.015413
0.000248	0.000388	1.54E-05	
54	0.001817	0.000382	0.013192
0.000203	0.000599	1.22E-05	
55	0.001728	0.000364	0.009738
0.000135	0.000800	9.81E-06	
56	0.001613	0.000345	0.005283
5.71E-05	0.000977	1.05E-05	
57	0.001477	0.000334	9.50E-08
7.28E-06	0.001136	1.23E-05	
58	0.001324	0.000344	0.003910
5.64E-05	0.001236	1.45E-05	
59	0.001166	0.000362	0.006879
0.000140	0.001192	1.69E-05	
60	0.001027	0.000377	0.008752
0.000213	0.000979	1.90E-05	
61	0.000928	0.000385	0.009593
0.000262	0.000648	2.02E-05	
62	0.000881	0.000383	0.009584
0.000287	0.000368	2.06E-05	
63	0.000880	0.000375	0.008932
0.000289	0.000243	2.02E-05	
64	0.000925	0.000375	0.007762
0.000277	0.000280	1.90E-05	
65	0.001013	0.000367	0.006180
0.000243	0.000350	1.68E-05	
66	0.001140	0.000354	0.004273
0.000188	0.000411	1.40E-05	
67	0.001307	0.000344	0.002091
0.000117	0.000456	1.16E-05	
68	0.001475	0.000339	4.77E-08
5.69E-05	0.000469	1.22E-05	
69	0.001499	0.000287	3.86E-07
0.000212	0.002524	8.32E-05	
70	0.001352	0.000288	0.002072
0.000198	0.001941	8.76E-05	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
71	0.001235	0.000288	0.004244
0.000338	0.001614	8.01E-05	
72	0.001176	0.000286	0.006143
0.000426	0.001257	7.72E-05	
73	0.001144	0.000282	0.007721
0.000479	0.000916	7.82E-05	
74	0.001126	0.000275	0.008888
0.000497	0.000605	8.38E-05	
75	0.001117	0.000284	0.009541
0.000488	0.000401	9.34E-05	
76	0.001117	0.000292	0.009552
0.000454	0.000392	0.000109	
77	0.001130	0.000297	0.008709
0.000396	0.000558	0.000126	
78	0.001232	0.000300	0.006817
0.000312	0.000774	0.000134	
79	0.001366	0.000301	0.003799
0.000194	0.000990	0.000131	
80	0.001502	0.000305	4.74E-08
8.38E-05	0.001196	0.000117	
81	0.001625	0.000310	0.005166
0.000191	0.001322	0.000102	
82	0.001734	0.000314	0.009664
0.000312	0.001321	9.06E-05	
83	0.001823	0.000315	0.013134
0.000394	0.001181	8.00E-05	
84	0.001887	0.000312	0.015355
0.000441	0.000918	7.83E-05	
85	0.001922	0.000304	0.016320
0.000461	0.000708	8.51E-05	
86	0.001928	0.000301	0.016321
0.000461	0.000621	9.80E-05	
87	0.001904	0.000305	0.015357
0.000440	0.000694	0.000110	
88	0.001846	0.000308	0.013136
0.000393	0.000887	0.000120	
89	0.001757	0.000308	0.009666
0.000310	0.001089	0.000120	
90	0.001641	0.000306	0.005167
0.000190	0.001275	0.000112	
91	0.001501	0.000303	3.58E-08
8.38E-05	0.001469	9.73E-05	
92	0.001342	0.000304	0.003800
0.000193	0.001597	8.11E-05	
93	0.001176	0.000304	0.006819
0.000311	0.001562	6.95E-05	
94	0.001030	0.000298	0.008711
0.000395	0.001350	6.09E-05	
95	0.000924	0.000288	0.009554
0.000453	0.001017	5.71E-05	
96	0.000878	0.000274	0.009543
0.000487	0.000746	5.95E-05	
97	0.000879	0.000259	0.008890
0.000497	0.000601	6.68E-05	
98	0.000926	0.000261	0.007722
0.000478	0.000597	8.17E-05	
99	0.001017	0.000263	0.006145
0.000426	0.000643	0.000101	
100	0.001149	0.000270	0.004245
0.000338	0.000714	0.000125	
101	0.001321	0.000287	0.002073
0.000198	0.000879	0.000141	
102	0.001498	0.000310	8.24E-08
0.000212	0.000547	0.000190	
103	0.000975	0.000595	.000000
6.88E-05	0.001723	7.76E-06	
104	0.002629	0.001200	.000000
0.000152	0.000935	7.75E-06	
105	1.00E-05	0.000547	.000000
0.000244	0.001178	5.80E-06	
106	0.003538	9.42E-21	.000000
0.000282	0.000413	1.33E-05	
107	0.000972	1.77E-05	.000000
1.56E-05	0.001598	1.61E-05	
108	0.002758	9.63E-08	.000000
7.39E-06	0.000868	1.30E-05	
109	.000000	.000000	.000000
2.89E-05	0.001137	1.23E-05	
110	0.003352	6.14E-05	.000000
5.06E-05	0.000468	1.22E-05	

COMB DL-G1-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.001187	-7.19E-05	-4.83E-07
-4.20E-05	-0.000469	-1.40E-05	
2	-0.001137	-5.45E-05	-0.007500
-0.000157	-0.000456	-1.12E-05	
3	-0.001113	-4.01E-05	-0.014818
-0.000294	-0.000413	-1.01E-05	
4	-0.001119	-4.55E-05	-0.020360
-0.000399	-0.000353	-1.16E-05	
5	-0.001124	-6.14E-05	-0.024062
-0.000464	-0.000284	-1.29E-05	
6	-0.001114	-7.07E-05	-0.025759
-0.000494	-0.000263	-1.37E-05	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
7	-0.001086	-7.10E-05	-0.025364
-0.000488	-0.000425	-1.39E-05	
8	-0.001041	-6.26E-05	-0.022943
-0.000445	-0.000710	-1.38E-05	
9	-0.000998	-4.53E-05	-0.018586
-0.000364	-0.001057	-1.33E-05	
10	-0.001016	-3.07E-05	-0.012749
-0.000247	-0.001277	-1.23E-05	
11	-0.001088	-2.03E-05	-0.006250
-0.000122	-0.001312	-1.12E-05	
12	-0.001187	-1.10E-05	-1.14E-06
-5.02E-05	-0.001184	-9.94E-06	
13	-0.001305	-5.89E-06	-0.004879
-0.000101	-0.000996	-8.83E-06	
14	-0.001432	-1.31E-05	-0.010034
-0.000211	-0.000803	-9.11E-06	
15	-0.001551	-3.46E-05	-0.014806
-0.000316	-0.000597	-1.22E-05	
16	-0.001645	-5.30E-05	-0.018431
-0.000394	-0.000386	-1.46E-05	
17	-0.001699	-6.34E-05	-0.020376
-0.000431	-0.000288	-1.61E-05	
18	-0.001704	-6.57E-05	-0.020377
-0.000431	-0.000372	-1.67E-05	
19	-0.001658	-5.83E-05	-0.018434
-0.000393	-0.000594	-1.67E-05	
20	-0.001566	-4.24E-05	-0.014809
-0.000316	-0.000876	-1.57E-05	
21	-0.001444	-1.96E-05	-0.010035
-0.000211	-0.001024	-1.41E-05	
22	-0.001312	-2.44E-06	-0.004879
-0.000101	-0.001030	-1.24E-05	
23	-0.001186	-5.16E-06	-1.14E-06
-5.03E-05	-0.000909	-1.05E-05	
24	-0.001082	-1.71E-05	-0.006250
-0.000121	-0.000710	-8.96E-06	
25	-0.001004	-3.04E-05	-0.012749
-0.000246	-0.000485	-9.33E-06	
26	-0.000956	-4.89E-05	-0.018587
-0.000364	-0.000258	-1.26E-05	
27	-0.000935	-6.93E-05	-0.022943
-0.000445	-6.65E-05	-1.52E-05	
28	-0.000936	-7.98E-05	-0.025364
-0.000488	-6.37E-05	-1.71E-05	
29	-0.000953	-7.96E-05	-0.025759
-0.000493	-0.000255	-1.85E-05	
30	-0.000983	-6.65E-05	-0.024063
-0.000463	-0.000577	-1.94E-05	
31	-0.001023	-4.16E-05	-0.020361
-0.000398	-0.000940	-1.96E-05	
32	-0.001071	-1.74E-05	-0.014819
-0.000294	-0.001305	-1.90E-05	
33	-0.001126	-2.39E-05	-0.007500
-0.000157	-0.001604	-1.74E-05	
34	-0.001179	-4.99E-05	-4.83E-07
-4.21E-05	-0.001705	-1.55E-05	
35	-0.001132	-7.51E-05	-3.49E-07
-0.000248	-0.000469	-6.05E-06	
36	-0.001081	-8.95E-05	-0.007015
-0.000355	-0.000455	-7.48E-06	
37	-0.001048	-0.000105	-0.013898
-0.000481	-0.000411	-8.77E-06	
38	-0.001043	-0.000115	-0.019148
-0.000583	-0.000350	-9.18E-06	
39	-0.001042	-0.000120	-0.022680
-0.000648	-0.000280	-8.85E-06	
40	-0.001031	-0.000117	-0.024321
-0.000683	-0.000243	-8.02E-06	
41	-0.001004	-0.000106	-0.023984
-0.000681	-0.000368	-6.72E-06	
42	-0.000965	-8.93E-05	-0.021726
-0.000643	-0.000648	-5.07E-06	
43	-0.000935	-6.67E-05	-0.017636
-0.000565	-0.000979	-3.38E-06	
44	-0.000964	-4.05E-05	-0.012138
-0.000453	-0.001192	-2.40E-06	
45	-0.001035	-1.67E-05	-0.005985
-0.000336	-0.001236	-3.85E-06	
46	-0.001130	-9.65E-06	-8.10E-07
-0.000257	-0.001136	-6.04E-06	
47	-0.001242	-2.02E-05	-0.004617
-0.000321	-0.000977	-7.33E-06	
48	-0.001361	-3.61E-05	-0.009452
-0.000425	-0.000799	-8.18E-06	
49	-0.001472	-5.15E-05	-0.013917
-0.000527	-0.000599	-9.28E-06	
50	-0.001560	-6.28E-05	-0.017307
-0.000603	-0.000388	-1.00E-05	
51	-0.001610	-6.83E-05	-0.019126
-0.000640	-0.000274	-1.00E-05	
52	-0.001614	-6.73E-05	-0.019127
-0.000639	-0.000337	-9.32E-06	
53	-0.001571	-6.03E-05	-0.017310
-0.000502	-0.000552	-7.85E-06	
54	-0.001485	-4.78E-05	-0.013920
-0.000526	-0.000817	-6.32E-06	
55	-0.001372	-3.24E-05	-0.009454
-0.000425	-0.000957	-5.39E-06	
56	-0.001247	-1.77E-05	-0.004619
-0.000321	-0.000967	-5.90E-06	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
57	-0.001129	-9.47E-06	-8.09E-07
-0.000257	-0.000868	-7.64E-06	
58	-0.001028	-2.19E-05	-0.005986
-0.000336	-0.000696	-8.93E-06	
59	-0.000951	-4.74E-05	-0.012140
-0.000452	-0.000488	-9.85E-06	
60	-0.000903	-7.20E-05	-0.017639
-0.000565	-0.000268	-1.05E-05	
61	-0.000881	-9.11E-05	-0.021729
-0.000642	-7.68E-05	-1.12E-05	
62	-0.000881	-0.000103	-0.023987
-0.000680	-5.02E-05	-1.14E-05	
63	-0.000897	-0.000105	-0.024324
-0.000682	-0.000242	-1.13E-05	
64	-0.000926	-0.000100	-0.022684
-0.000648	-0.000563	-1.04E-05	
65	-0.000966	-8.62E-05	-0.019151
-0.000583	-0.000904	-9.03E-06	
66	-0.001014	-6.73E-05	-0.013901
-0.000481	-0.001241	-7.86E-06	
67	-0.001069	-5.30E-05	-0.007017
-0.000355	-0.001512	-7.37E-06	
68	-0.001121	-4.63E-05	-3.49E-07
-0.000248	-0.001600	-8.76E-06	
69	-0.001159	-7.63E-05	-0.000599
-5.89E-05	-0.000547	-0.000216	
70	-0.001110	-7.46E-05	-0.007709
-0.000204	-0.000879	-0.000158	
71	-0.001083	-7.35E-05	-0.014851
-0.000428	-0.000714	-0.000139	
72	-0.001087	-7.18E-05	-0.020307
-0.000572	-0.000643	-0.000115	
73	-0.001092	-6.87E-05	-0.024007
-0.000660	-0.000596	-9.53E-05	
74	-0.001081	-6.38E-05	-0.025720

-0.000694	-0.000601	-7.89E-05	
75	-0.001053	-5.63E-05	-0.025325
-0.000681	-0.000745	-6.97E-05	
76	-0.001009	-4.69E-05	-0.022910
-0.000623	-0.001017	-6.78E-05	
77	-0.000959	-3.64E-05	-0.018590
-0.000520	-0.001350	-7.16E-05	
78	-0.000991	-2.61E-05	-0.012865
-0.000373	-0.001561	-7.96E-05	
79	-0.001064	-1.62E-05	-0.006477
-0.000190	-0.001597	-8.92E-05	
80	-0.001162	-1.15E-05	-0.000606
-5.15E-05	-0.001469	-9.92E-05	
81	-0.001280	-1.33E-05	-0.005107
-0.000176	-0.001275	-0.000106	
82	-0.001406	-1.89E-05	-0.010158
-0.000348	-0.001089	-0.000105	
83	-0.001523	-2.35E-05	-0.014836
-0.000487	-0.000887	-9.79E-05	
84	-0.001616	-2.61E-05	-0.018448
-0.000579	-0.000694	-9.20E-05	
85	-0.001669	-2.70E-05	-0.020395
-0.000625	-0.000620	-8.88E-05	
86	-0.001677	-2.62E-05	-0.020396
-0.000625	-0.000708	-8.88E-05	
87	-0.001631	-2.32E-05	-0.018451
-0.000579	-0.000917	-9.09E-05	
88	-0.001537	-1.88E-05	-0.014839
-0.000486	-0.001181	-9.72E-05	
89	-0.001418	-1.40E-05	-0.010160
-0.000347	-0.001321	-0.000105	
90	-0.001287	-9.55E-06	-0.005108
-0.000175	-0.001322	-0.000111	
91	-0.001162	-8.74E-06	-0.000605
-5.14E-05	-0.001196	-0.000119	-0.006477
92	-0.001058	-1.83E-05	-0.006477
-0.000189	-0.000990	-0.000127	
93	-0.000980	-3.18E-05	-0.012867
-0.000371	-0.000774	-0.000125	
94	-0.000931	-4.32E-05	-0.018591
-0.000519	-0.000558	-0.000112	
95	-0.000909	-5.07E-05	-0.022912
-0.000622	-0.000392	-9.29E-05	
96	-0.000908	-5.40E-05	-0.025327
-0.000680	-0.000401	-7.50E-05	
97	-0.000925	-5.36E-05	-0.025721
-0.000694	-0.000605	-6.20E-05	
98	-0.000954	-5.00E-05	-0.024009
-0.000659	-0.000916	-5.54E-05	
99	-0.000994	-4.30E-05	-0.020309
-0.000572	-0.001257	-5.57E-05	
100	-0.001042	-3.61E-05	-0.014851
-0.000428	-0.001614	-5.80E-05	
101	-0.001098	-4.02E-05	-0.007711
-0.000204	-0.001941	-6.58E-05	
102	-0.001150	-5.07E-05	-0.000599
-5.87E-05	-0.002525	-5.83E-05	
103	-0.001975	-0.000253	.000000
-5.75E-05	-0.000474	-1.40E-05	
104	-0.002257	-0.000553	.000000
-1.50E-20	-0.001152	-9.94E-06	
105	-3.19E-08	-1.74E-06	.000000
-6.21E-05	-0.000909	-1.05E-05	
106	-0.001729	-8.42E-05	.000000
-0.000494	-0.001622	-1.55E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
107	-0.001799	-3.27E-05	.000000
-0.000248	-0.000474	-6.05E-06	
108	-0.002225	-7.77E-08	.000000
-0.000257	-0.001136	-6.04E-06	
109	.000000	.000000	.000000
-0.000268	-0.000861	-7.64E-06	
110	-0.001683	-0.000122	.000000
-0.000324	-0.001584	-8.76E-06	

COMB DL-G2-1 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000512	1.97E-05	2.30E-08
0.000104	0.000486	5.92E-06	
2	0.000469	1.30E-05	0.000781
0.000220	0.000459	2.99E-06	
3	0.000426	6.32E-06	0.001598
0.000348	0.000377	4.74E-07	
4	0.000398	4.37E-06	0.002311
0.000440	0.000272	4.02E-07	
5	0.000383	1.44E-05	0.002899
0.000493	0.000161	3.52E-07	
6	0.000375	3.03E-05	0.003325
0.000509	5.51E-05	3.27E-07	
7	0.000371	3.88E-05	0.003549
0.000489	1.03E-05	3.69E-07	
8	0.000374	3.93E-05	0.003521
0.000433	3.83E-05	4.93E-07	
9	0.000394	3.15E-05	0.003169
0.000344	0.000110	7.99E-07	
10	0.000430	1.84E-05	0.002442
0.000229	0.000187	1.20E-06	
11	0.000472	1.19E-05	0.001351
0.000115	0.000250	1.55E-06	
12	0.000516	1.18E-05	3.21E-08
4.92E-05	0.000290	1.64E-06	
13	0.000559	1.09E-05	0.001870
0.000114	0.000308	1.01E-06	
14	0.000599	9.63E-06	0.003521
0.000204	0.000299	1.73E-06	
15	0.000632	1.39E-05	0.004842
0.000294	0.000253	2.97E-06	
16	0.000657	2.55E-05	0.005713
0.000364	0.000169	3.51E-06	
17	0.000670	3.30E-05	0.006103
0.000400	9.43E-05	3.55E-06	
18	0.000672	3.42E-05	0.006104
0.000400	9.08E-05	3.32E-06	
19	0.000661	2.79E-05	0.005715
0.000364	0.000150	2.98E-06	
20	0.000638	1.57E-05	0.004845
0.000294	0.000231	2.62E-06	
21	0.000604	3.19E-06	0.003523
0.000204	0.000303	2.33E-06	
22	0.000561	4.62E-06	0.001872
0.000114	0.000357	2.28E-06	
23	0.000512	7.84E-06	3.21E-08
4.92E-05	0.000394	2.00E-06	
24	0.000460	1.03E-05	0.001352
0.000115	0.000410	9.48E-07	
25	0.000409	1.49E-05	0.002444
0.000229	0.000390	1.20E-06	
26	0.000364	2.93E-05	0.003172
0.000343	0.000321	2.47E-06	
27	0.000332	4.19E-05	0.003524
0.000433	0.000216	3.10E-06	
28	0.000316	4.82E-05	0.003551
0.000488	0.000120	3.29E-06	
29	0.000316	4.72E-05	0.003327
0.000509	7.64E-05	3.27E-06	
30	0.000332	3.72E-05	0.002900
0.000492	0.000101	3.16E-06	
31	0.000363	1.88E-05	0.002312
0.000440	0.000130	3.01E-06	
32	0.000407	7.86E-06	0.001599
0.000348	0.000154	2.80E-06	
33	0.000463	6.79E-06	0.000782
0.000220	0.000171	2.54E-06	
34	0.000519	7.24E-06	2.30E-08
0.000104	0.000176	2.31E-06	
35	0.000696	2.81E-05	2.75E-08
0.000139	0.000833	3.88E-07	
36	0.000624	2.61E-05	0.000894
0.000259	0.000772	4.93E-07	
37	0.000578	2.38E-05	0.001826
0.000386	0.000610	6.98E-07	
38	0.000556	2.11E-05	0.002643
0.000477	0.000426	8.79E-07	
39	0.000544	1.81E-05	0.003327
0.000528	0.000255	1.02E-06	
40	0.000538	1.46E-05	0.003846
0.000542	0.000117	1.14E-06	
41	0.000535	1.07E-05	0.004156
0.000517	2.93E-05	1.19E-06	
42	0.000534	7.21E-06	0.004206
0.000457	2.44E-05	1.08E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
43	0.000539	4.93E-06	0.003902
0.000362	0.000106	7.55E-07	
44	0.000571	4.64E-06	0.003139
0.000241	0.000207	1.48E-06	
45	0.000635	6.31E-06	0.001838
0.000122	0.000315	3.32E-06	
46	0.000698	8.93E-06	5.06E-08
6.12E-05	0.000422	4.50E-06	
47	0.000753	1.21E-05	0.002426
0.000129	0.000489	4.60E-06	
48	0.000800	1.57E-05	0.004366
0.000223	0.000489	4.37E-06	
49	0.000838	2.12E-05	0.005811
0.000317	0.000419	4.07E-06	
50	0.000864	2.57E-05	0.006710
0.000390	0.000286	3.76E-06	
51	0.000879	2.81E-05	0.007087
0.000429	0.000190	3.44E-06	
52	0.000883	2.86E-05	0.007087
0.000429	0.000136	3.09E-06	
53	0.000873	2.70E-05	0.006710
0.000390	0.000160	2.53E-06	
54	0.000850	2.23E-05	0.005810
0.000317	0.000249	1.50E-06	
55	0.000814	1.35E-05	0.004364
0.000223	0.000340	8.06E-07	
56	0.000764	8.68E-06	0.002425
0.000128	0.000435	1.68E-06	
57	0.000702	8.75E-06	5.07E-08
6.12E-05	0.000540	2.79E-06	
58	0.000628	8.98E-06	0.001837
0.000122	0.000620	2.96E-06	
59	0.000549	9.31E-06	0.003138
0.000241	0.000616	2.83E-06	
60	0.000479	9.64E-06	0.003900
0.000361	0.000520	2.62E-06	
61	0.000430	9.81E-06	0.004205
0.000457	0.000361	2.44E-06	
62	0.000408	9.77E-06	0.004155
0.000517	0.000229	2.32E-06	
63	0.000408	9.52E-06	0.003845
0.000541	0.000144	2.22E-06	
64	0.000429	9.06E-06	0.003327
0.000527	0.000124	2.07E-06	
65	0.000471	8.47E-06	0.002642
0.000477	0.000149	1.88E-06	
66	0.000533	7.75E-06	0.001825
0.000386	0.000175	1.63E-06	
67	0.000615	7.01E-06	0.000894
0.000258	0.000194	1.39E-06	
68	0.000701	6.45E-06	2.74E-08
0.000138	0.000200	3.01E-06	
69	0.000603	2.36E-05	3.38E-05
4.11E-06	0.000670	3.56E-05	
70	0.000545	1.92E-05	0.000838
0.000218	0.000607	3.01E-05	
71	0.000498	1.44E-05	0.001712
0.000438	0.000492	3.12E-05	
72	0.000475	9.90E-06	0.002477
0.000570	0.000344	3.15E-05	
73	0.000462	6.57E-06	0.003113
0.000644	0.000201	3.20E-05	
74	0.000454	4.97E-06	0.003585
0.000661	8.24E-05	3.28E-05	
75	0.000451	4.68E-06	0.003852
0.000629	1.47E-05	3.47E-05	
76	0.000451	5.40E-06	0.003864
0.000551	3.21E-05	4.16E-05	
77	0.000457	6.42E-06	0.003536
0.000429	0.000109	5.23E-05	
78	0.000500	7.64E-06	0.002792
0.000274	0.000198	6.15E-05	
79	0.000553	8.90E-06	0.001599
0.000103	0.000284	6.69E-05	
80	0.000607	1.01E-05	2.65E-05
1.56E-06	0.000356	6.79E-05	
81	0.000656	1.13E-05	0.002151
0.000103	0.000398	6.62E-05	
82	0.000699	1.23E-05	0.003945
0.000257	0.000393	6.32E-05	
83	0.000735	1.29E-05	0.005327
0.000391	0.000334	5.83E-05	
84	0.000760	1.29E-05	0.006212
0.000487	0.000227	5.20E-05	
85	0.000775	1.20E-05	0.006596
0.000537	0.000140	4.58E-05	
86	0.000777	1.03E-05	0.006596
0.000537	0.000112	4.21E-05	
87	0.000767	8.27E-06	0.006213
0.000487	0.000155	3.77E-05	
88	0.000744	5.97E-06	0.005328
0.000391	0.000239	3.25E-05	
89	0.000709	4.96E-06	0.003946
0.000256	0.000320	2.72E-05	
90	0.000663	6.33E-06	0.002152
0.000103	0.000395	2.13E-05	
91	0.000607	8.07E-06	2.68E-05
1.54E-06	0.000465	1.27E-05	
92	0.000544	9.42E-06	0.001598
0.000102	0.000513	6.46E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
93	0.000479	1.03E-05	0.002792
0.000273	0.000502	6.51E-06	
94	0.000421	1.07E-05	0.003536
0.000429	0.000421	9.37E-06	
95	0.000380	1.08E-05	0.003864
0.000551	0.000291	1.49E-05	
96	0.000361	1.05E-05	0.003853
0.000629	0.000175	2.18E-05	
97	0.000361	9.92E-06	0.003586
0.000661	0.000108	3.00E-05	
98	0.000380	9.25E-06	0.003113
0.000643	0.000111	4.08E-05	
99	0.000417	8.44E-06	0.002477
0.000570	0.000140	5.26E-05	
100	0.000470	7.54E-06	0.001712
0.000438	0.000165	6.61E-05	
101	0.000540	6.63E-06	0.000838
0.000218	0.000182	7.71E-05	
102	0.000611	6.01E-06	3.35E-05
4.13E-06	0.000189	0.000103	
103	0.000314	6.22E-05	.000000
1.62E-05	0.000495	5.92E-06	
104	0.000913	0.000283	.000000
4.28E-05	0.000297	1.64E-06	
105	1.97E-07	1.07E-05	.000000
5.53E-05	0.000392	2.00E-06	
106	0.001063	1.48E-20	.000000
6.42E-05	0.000164	2.31E-06	
107	0.000489	8.90E-06	.000000
0.000108	0.000837	3.88E-07	
108	0.001297	4.53E-08	.000000
6.12E-05	0.000422	4.50E-06	
109	.000000	.000000	.000000
6.93E-05	0.000538	2.79E-06	
110	0.001670	2.87E-05	.000000
0.000115	0.000197	3.01E-06	

COMB DL-G2-1 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000381	-0.000135	-9.01E-09
-1.68E-05	-0.000176	-1.29E-06	
2	-0.000362	-9.70E-05	-0.002159
-2.64E-05	-0.000170	-1.12E-06	
3	-0.000342	-5.78E-05	-0.004319
-3.87E-05	-0.000154	-2.05E-06	
4	-0.000331	-2.98E-05	-0.006011
-5.01E-05	-0.000130	-5.57E-06	
5	-0.000325	-2.14E-05	-0.007178
-6.02E-05	-0.000101	-8.46E-06	
6	-0.000319	-2.67E-05	-0.007747
-6.92E-05	-7.63E-05	-1.06E-05	
7	-0.000150	-3.47E-05	-0.007683
-7.63E-05	-0.000120	-1.19E-05	
8	-0.000301	-4.33E-05	-0.007000
-7.97E-05	-0.000216	-1.22E-05	
9	-0.000305	-5.12E-05	-0.005723
-7.61E-05	-0.000321	-1.14E-05	
10	-0.000322	-5.72E-05	-0.003982
-5.90E-05	-0.000390	-9.39E-06	
11	-0.000349	-6.36E-05	-0.001998
-2.46E-05	-0.000410	-6.53E-06	
12	-0.000383	-6.77E-05	-3.67E-08
-7.30E-06	-0.000393	-3.43E-06	
13	-0.000420	-6.21E-05	-0.001501
-4.32E-05	-0.000357	-1.10E-06	
14	-0.000458	-5.37E-05	-0.003029
-8.30E-05	-0.000303	-1.68E-06	
15	-0.000493	-4.42E-05	-0.004429
-0.000107	-0.000231	-4.10E-06	
16	-0.000521	-3.89E-05	-0.005490
-0.000118	-0.000150	-6.84E-06	
17	-0.000535	-3.49E-05	-0.006058
-0.000121	-9.09E-05	-9.15E-06	
18	-0.000536	-3.22E-05	-0.006059
-0.000120	-9.42E-05	-1.07E-05	
19	-0.000521	-3.33E-05	-0.005491
-0.000118	-0.000169	-1.13E-05	
20	-0.000494	-3.63E-05	-0.004432
-0.000107	-0.000253	-1.08E-05	
21	-0.000457	-4.18E-05	-0.003031
-8.28E-05	-0.000299	-9.16E-06	
22	-0.000417	-5.40E-05	-0.001502
-4.31E-05	-0.000308	-6.78E-06	
23	-0.000378	-6.44E-05	-3.67E-08
-7.36E-06	-0.000291	-3.96E-06	
24	-0.000343	-6.78E-05	-0.001999
-2.43E-05	-0.000250	-1.67E-06	
25	-0.000315	-6.43E-05	-0.003984
-5.85E-05	-0.000187	-2.52E-06	
26	-0.000296	-6.13E-05	-0.005726
-7.56E-05	-0.000110	-5.59E-06	
27	-0.000287	-5.64E-05	-0.007003
-7.93E-05	-3.83E-05	-9.00E-06	
28	-0.000287	-5.01E-05	-0.007686
-7.59E-05	-1.03E-05	-1.19E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
29	-0.000293	-4.31E-05	-0.007749
-6.89E-05	-5.51E-05	-1.42E-05	
30	-0.000304	-3.58E-05	-0.007179
-5.99E-05	-0.000162	-1.57E-05	
31	-0.000320	-2.91E-05	-0.006013
-4.99E-05	-0.000272	-1.64E-05	
32	-0.000339	-3.71E-05	-0.004321
-3.86E-05	-0.000377	-1.61E-05	
33	-0.000361	-6.67E-05	-0.002160
-2.64E-05	-0.000458	-1.43E-05	
34	-0.000381	-0.000102	-9.06E-09
-1.69E-05	-0.000486	-1.20E-05	
35	-0.000539	-0.000159	-3.36E-07
-1.94E-05	-0.000200	-9.31E-06	
36	-0.000520	-0.000182	-0.003684
-2.98E-05	-0.000194	-1.16E-05	
37	-0.000522	-0.000202	-0.007239
-4.25E-05	-0.000175	-1.34E-05	
38	-0.000534	-0.000213	-0.009889
-5.41E-05	-0.000149	-1.37E-05	
39	-0.000541	-0.000214	-0.011628
-6.42E-05	-0.000124	-1.30E-05	
40	-0.000539	-0.000205	-0.012400
-7.29E-05	-0.000144	-1.15E-05	
41	-0.000525	-0.000187	-0.012164
-7.95E-05	-0.000229	-9.26E-06	
42	-0.000502	-0.000162	-0.010964
-8.21E-05	-0.000361	-6.40E-06	
43	-0.000473	-0.000134	-0.008842
-7.68E-05	-0.000520	-3.31E-06	
44	-0.000467	-0.000107	-0.006025
-5.71E-05	-0.000616	-1.52E-06	
45	-0.000498	-8.53E-05	-0.002922
-1.86E-05	-0.000620	-3.20E-06	
46	-0.000543	-7.95E-05	-7.44E-07
-6.89E-06	-0.000540	-5.73E-06	
47	-0.000598	-9.03E-05	-0.002312
-4.07E-05	-0.000435	-8.56E-06	
48	-0.000659	-0.000108	-0.004792
-8.23E-05	-0.000340	-1.09E-05	
49	-0.000716	-0.000129	-0.007097
-0.000108	-0.000249	-1.24E-05	
50	-0.000762	-0.000146	-0.008849
-0.000120	-0.000160	-1.27E-05	
51	-0.000788	-0.000154	-0.009788
-0.000123	-0.000136	-1.18E-05	
52	-0.000792	-0.000152	-0.009788
-0.000122	-0.000190	-9.90E-06	
53	-0.000770	-0.000142	-0.008849
-0.000120	-0.000286	-7.23E-06	
54	-0.000727	-0.000123	-0.007097
-0.000108	-0.000420	-4.11E-06	
55	-0.000669	-0.000100	-0.004791
-8.17E-05	-0.000489	-1.93E-06	
56	-0.000606	-8.28E-05	-0.002311
-4.02E-05	-0.000489	-3.26E-06	
57	-0.000548	-7.95E-05	-7.44E-07
-6.73E-06	-0.000421	-6.20E-06	
58	-0.000500	-9.34E-05	-0.002921
-1.86E-05	-0.000315	-9.75E-06	
59	-0.000467	-0.000121	-0.006023
-5.69E-05	-0.000207	-1.31E-05	
60	-0.000447	-0.000150	-0.008841
-7.65E-05	-0.000106	-1.54E-05	
61	-0.000439	-0.000176	-0.010963
-8.17E-05	-2.44E-05	-1.65E-05	
62	-0.000440	-0.000194	-0.012163
-7.91E-05	-2.93E-05	-1.62E-05	
63	-0.000448	-0.000203	-0.012399
-7.26E-05	-0.000117	-1.50E-05	
64	-0.000461	-0.000202	-0.011628
-6.38E-05	-0.000255	-1.27E-05	
65	-0.000479	-0.000190	-0.009888
-5.38E-05	-0.000426	-9.60E-06	
66	-0.000500	-0.000170	-0.007240
-4.22E-05	-0.000610	-5.63E-06	
67	-0.000524	-0.000142	-0.003684
-2.95E-05	-0.000772	-1.53E-06	
68	-0.000547	-0.000115	-3.35E-07
-1.90E-05	-0.000833	-6.66E-07	
69	-0.000459	-0.000145	-5.59E-06
-6.77E-05	-0.000189	-6.45E-05	
70	-0.000439	-0.000138	-0.002891
-2.16E-05	-0.000182	-5.80E-05	
71	-0.000429	-0.000128	-0.005740
-3.89E-05	-0.000165	-5.76E-05	
72	-0.000430	-0.000116	-0.007909
-5.28E-05	-0.000140	-5.15E-05	
73	-0.000431	-0.000104	-0.009364
-6.57E-05	-0.000111	-4.43E-05	
74	-0.000427	-9.36E-05	-0.010034
-7.79E-05	-0.000108	-3.79E-05	
75	-0.000415	-9.48E-05	-0.009888
-9.07E-05	-0.000176	-3.25E-05	
76	-0.000398	-7.71E-05	-0.008946
-0.000104	-0.000291	-3.21E-05	
77	-0.000379	-7.18E-05	-0.007251
-0.000118	-0.000421	-3.64E-05	
78	-0.000394	-6.84E-05	-0.004978
-0.000124	-0.000501	-4.24E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
79	-0.000423	-7.02E-05	-0.002445
-0.000103	-0.000513	-4.88E-05	
80	-0.000462	-7.26E-05	-5.35E-06
-6.35E-05	-0.000465	-5.59E-05	
81	-0.000508	-7.48E-05	-0.001890
-0.000123	-0.000395	-6.21E-05	
82	-0.000558	-7.58E-05	-0.003887
-0.000152	-0.000320	-6.59E-05	
83	-0.000604	-7.55E-05	-0.005732
-0.000155	-0.000239	-6.55E-05	
84	-0.000641	-7.35E-05	-0.007136
-0.000147	-0.000155	-6.05E-05	
85	-0.000661	-7.06E-05	-0.007890
-0.000139	-0.000112	-5.27E-05	
86	-0.000663	-6.67E-05	-0.007890
-0.000139	-0.000140	-4.55E-05	
87	-0.000645	-6.36E-05	-0.007137
-0.000147	-0.000227	-3.72E-05	
88	-0.000609	-6.14E-05	-0.005733
-0.000154	-0.000334	-2.86E-05	
89	-0.000562	-6.20E-05	-0.003888
-0.000152	-0.000393	-2.17E-05	
90	-0.000510	-6.57E-05	-0.001890
-0.000122	-0.000398	-1.69E-05	
91	-0.000461	-7.09E-05	-5.32E-06
-6.35E-05	-0.000356	-1.51E-05	
92	-0.000421	-7.65E-05	-0.002444
-0.000103	-0.000284	-1.85E-05	
93	-0.000390	-8.15E-05	-0.004979
-0.000123	-0.000198	-2.55E-05	
94	-0.000371	-8.79E-05	-0.007251
-0.000117	-0.000109	-3.12E-05	
95	-0.000362	-9.25E-05	-0.008947
-0.000104	-3.21E-05	-3.51E-05	
96	-0.000363	-9.59E-05	-0.009889
-9.02E-05	-1.47E-05	-3.74E-05	
97	-0.000370	-9.76E-05	-0.010035
-7.75E-05	-8.24E-05	-3.91E-05	
98	-0.000382	-9.88E-05	-0.009365
-6.54E-05	-0.000201	-4.15E-05	
99	-0.000399	-9.92E-05	-0.007910
-5.26E-05	-0.000344	-4.40E-05	
100	-0.000419	-0.000101	-0.005741
-3.87E-05	-0.000492	-4.63E-05	
101	-0.000442	-0.000103	-0.002893
-2.16E-05	-0.000607	-4.66E-05	
102	-0.000463	-0.000107	-5.56E-06
-6.76E-05	-0.000670	-5.67E-05	
103	-0.000490	-0.000107	.000000
-1.75E-21	-0.000176	-1.29E-06	
104	-0.000712	-0.000222	.000000
-2.59E-21	-0.000380	-3.43E-06	
105	-3.61E-07	-1.97E-05	.000000
-1.10E-05	-0.000291	-3.96E-06	
106	-0.000597	-0.000106	.000000
-0.000100	-0.000478	-1.20E-05	
107	-0.001001	-1.82E-05	.000000
-1.22E-05	-0.000201	-9.31E-06	
108	-0.001068	-3.73E-08	.000000
-6.87E-06	-0.000540	-5.73E-06	
109	.000000	.000000	.000000
-1.21E-05	-0.000422	-6.20E-06	
110	-0.000786	-6.09E-05	.000000
-4.24E-05	-0.000836	-6.66E-07	

COMB DL-G2-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.001022	0.000187	2.87E-08
0.000294	0.001027	9.88E-06	
2	0.000931	0.000182	0.001499
0.000442	0.000966	6.32E-06	
3	0.000845	0.000176	0.003066
0.000598	0.000791	4.10E-06	

4	0.000796	0.000174	0.004435
0.000708	0.000569	3.82E-06	
5	0.000769	0.000188	0.005569
0.000770	0.000341	3.49E-06	
6	0.000754	0.000208	0.006399
0.000786	0.000128	3.09E-06	
7	0.000748	0.000226	0.006848
0.000758	2.39E-05	2.63E-06	
8	0.000751	0.000235	0.006824
0.000687	6.46E-05	2.30E-06	
9	0.000780	0.000231	0.006183
0.000575	0.000202	2.07E-06	
10	0.000852	0.000220	0.004811
0.000432	0.000355	2.60E-06	
11	0.000938	0.000208	0.002697
0.000288	0.000490	3.32E-06	
12	0.001028	0.000205	6.33E-08
0.000212	0.000589	3.71E-06	
13	0.001112	0.000206	0.003690
0.000290	0.000640	3.22E-06	
14	0.001189	0.000210	0.006878
0.000406	0.000628	4.47E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
15	0.001253	0.000217	0.009392
0.000519	0.000534	6.09E-06	
16	0.001300	0.000228	0.011031
0.000606	0.000359	6.74E-06	
17	0.001325	0.000232	0.011757
0.000651	0.000209	6.63E-06	
18	0.001329	0.000233	0.011758
0.000651	0.000185	6.05E-06	
19	0.001310	0.000229	0.011034
0.000605	0.000285	5.19E-06	
20	0.001267	0.000218	0.009396
0.000518	0.000439	4.14E-06	
21	0.001202	0.000205	0.006881
0.000405	0.000581	3.38E-06	
22	0.001118	0.000201	0.003692
0.000290	0.000697	3.22E-06	
23	0.001022	0.000201	6.33E-08
0.000212	0.000789	2.95E-06	
24	0.000918	0.000203	0.002699
0.000288	0.000841	1.77E-06	
25	0.000812	0.000213	0.004814
0.000431	0.000807	2.25E-06	
26	0.000719	0.000225	0.006186
0.000575	0.000667	3.91E-06	
27	0.000652	0.000234	0.006827
0.000687	0.000450	4.71E-06	
28	0.000620	0.000233	0.006851
0.000758	0.000257	4.94E-06	
29	0.000620	0.000225	0.006402
0.000786	0.000161	4.99E-06	
30	0.000652	0.000215	0.005571
0.000769	0.000198	4.87E-06	
31	0.000714	0.000197	0.004437
0.000708	0.000251	4.60E-06	
32	0.000802	0.000177	0.003067
0.000598	0.000296	4.14E-06	
33	0.000916	0.000178	0.001500
0.000442	0.000328	3.46E-06	
34	0.001030	0.000183	2.88E-08
0.000294	0.000338	2.94E-06	
35	0.001246	0.000195	4.65E-08
0.000142	0.001454	5.61E-06	
36	0.001119	0.000192	0.001647
0.000276	0.001356	6.04E-06	
37	0.001029	0.000189	0.003365
0.000420	0.001085	6.49E-06	
38	0.000987	0.000186	0.004870
0.000521	0.000768	6.82E-06	
39	0.000964	0.000183	0.006127
0.000577	0.000465	7.01E-06	
40	0.000951	0.000179	0.007071
0.000589	0.000210	7.10E-06	
41	0.000945	0.000185	0.007626
0.000562	5.10E-05	7.08E-06	
42	0.000945	0.000191	0.007693
0.000495	5.01E-05	7.09E-06	
43	0.000954	0.000192	0.007100
0.000386	0.000200	6.66E-06	
44	0.001023	0.000193	0.005674
0.000249	0.000383	7.34E-06	
45	0.001136	0.000196	0.003293
0.000116	0.000572	9.41E-06	
46	0.001248	0.000201	8.78E-08
4.44E-05	0.000749	1.00E-05	
47	0.001347	0.000209	0.004376
0.000126	0.000860	1.00E-05	
48	0.001433	0.000220	0.007932
0.000231	0.000858	9.68E-06	
49	0.001503	0.000227	0.010613
0.000335	0.000734	9.63E-06	
50	0.001552	0.000228	0.012299
0.000416	0.000500	9.59E-06	
51	0.001580	0.000226	0.013014
0.000457	0.000324	9.64E-06	
52	0.001586	0.000227	0.013014
0.000457	0.000240	9.47E-06	
53	0.001568	0.000231	0.012299
0.000416	0.000298	8.89E-06	
54	0.001524	0.000229	0.010612
0.000335	0.000462	7.73E-06	
55	0.001456	0.000222	0.007931
0.000230	0.000627	6.26E-06	
56	0.001365	0.000207	0.004375
0.000126	0.000792	7.31E-06	
57	0.001252	0.000200	8.78E-08
4.44E-05	0.000963	7.74E-06	
58	0.001121	0.000197	0.003292
0.000116	0.001090	7.22E-06	
59	0.000982	0.000195	0.005672
0.000249	0.001073	6.71E-06	
60	0.000858	0.000190	0.007099
0.000386	0.000898	6.33E-06	
61	0.000772	0.000182	0.007692
0.000494	0.000615	6.36E-06	
62	0.000732	0.000172	0.007625
0.000562	0.000379	6.54E-06	
63	0.000732	0.000163	0.007071
0.000589	0.000237	6.90E-06	
64	0.000770	0.000165	0.006126
0.000576	0.000225	7.21E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
65	0.000845	0.000168	0.004869
0.000521	0.000275	7.43E-06	
66	0.000955	0.000171	0.003365
0.000419	0.000322	7.68E-06	
67	0.001100	0.000175	0.001647
0.000275	0.000358	8.05E-06	
68	0.001250	0.000182	4.64E-08
0.000142	0.000369	1.09E-05	
69	0.001128	0.000173	2.89E-07
7.47E-05	0.002123	5.05E-05	
70	0.001018	0.000169	0.001564
0.000309	0.001547	6.08E-05	
71	0.000931	0.000165	0.003202
0.000564	0.001271	5.42E-05	
72	0.000887	0.000161	0.004636
0.000716	0.000995	5.32E-05	
73	0.000863	0.000156	0.005826
0.000798	0.000738	5.41E-05	
74	0.000850	0.000151	0.006706
0.000814	0.000518	5.69E-05	
75	0.000843	0.000158	0.007198
0.000771	0.000376	6.28E-05	
76	0.000843	0.000167	0.007205
0.000674	0.000377	7.74E-05	
77	0.000853	0.000174	0.006569
0.000525	0.000497	9.67E-05	
78	0.000930	0.000178	0.005141
0.000337	0.000657	0.000112	
79	0.001031	0.000180	0.002866
0.000135	0.000817	0.000119	
80	0.001134	0.000184	2.32E-08
1.37E-05	0.000974	0.000117	
81	0.001227	0.000188	0.003900
0.000139	0.001070	0.000110	
82	0.001309	0.000191	0.007295
0.000320	0.001069	0.000103	
83	0.001376	0.000191	0.009915
0.000480	0.000964	9.28E-05	
84	0.001425	0.000189	0.011593
0.000592	0.000770	8.21E-05	
85	0.001452	0.000185	0.012322
0.000651	0.000616	7.35E-05	
86	0.001456	0.000184	0.012323
0.000651	0.000550	7.06E-05	
87	0.001438	0.000187	0.011595
0.000592	0.000598	6.83E-05	
88	0.001394	0.000187	0.009917
0.000479	0.000738	6.68E-05	
89	0.001327	0.000185	0.007297
0.000319	0.000889	6.26E-05	
90	0.001239	0.000183	0.003901
0.000138	0.001028	5.48E-05	
91	0.001134	0.000181	1.89E-07
1.37E-05	0.001179	4.12E-05	
92	0.001014	0.000179	0.002865
0.000134	0.001283	2.99E-05	
93	0.000889	0.000179	0.005141
0.000336	0.001264	2.63E-05	
94	0.000779	0.000175	0.006569
0.000524	0.001114	2.66E-05	
95	0.000699	0.000168	0.007206
0.000673	0.000873	3.17E-05	
96	0.000665	0.000158	0.007199
0.000770	0.000668	4.19E-05	
97	0.000665	0.000149	0.006707
0.000814	0.000547	5.64E-05	
98	0.000701	0.000151	0.005827
0.000798	0.000525	7.52E-05	
99	0.000771	0.000153	0.004637
0.000715	0.000554	9.59E-05	
100	0.000871	0.000155	0.003203
0.000564	0.000611	0.000119	
101	0.001002	0.000157	0.001565
0.000309	0.000767	0.000139	
102	0.001137	0.000163	1.71E-07
7.48E-05	0.000432	0.000198	
103	0.000614	0.000432	.000000
0.000121	0.001057	9.88E-06	
104	0.001753	0.000866	.000000
0.000160	0.000622	3.71E-06	
105	7.78E-06	0.000425	.000000
0.000226	0.000783	2.95E-06	
106	0.002263	4.07E-06	.000000
0.000222	0.000296	2.94E-06	
107	0.000858	1.56E-05	.000000
9.60E-05	0.001457	5.61E-06	
108	0.002322	8.11E-08	.000000
4.44E-05	0.000749	1.00E-05	
109	.000000	.000000	.000000
5.99E-05	0.000963	7.74E-06	
110	0.002946	5.14E-05	.000000
0.000116	0.000366	1.09E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000776	-0.000138	-1.14E-07
-2.49E-05	-0.000338	-7.76E-06	
2	-0.000739	-9.68E-05	-0.004564
-3.66E-05	-0.000328	-7.42E-06	
3	-0.000705	-5.50E-05	-0.009086
-5.05E-05	-0.000296	-9.12E-06	
4	-0.000692	-2.42E-05	-0.012584
-6.29E-05	-0.000251	-1.31E-05	
5	-0.000687	-2.43E-05	-0.014968
-7.32E-05	-0.000198	-1.62E-05	
6	-0.000676	-3.30E-05	-0.016106
-8.18E-05	-0.000161	-1.83E-05	
7	-0.000658	-4.14E-05	-0.015929
-8.76E-05	-0.000257	-1.93E-05	
8	-0.000635	-4.88E-05	-0.014471
-8.89E-05	-0.000450	-1.93E-05	
9	-0.000626	-5.38E-05	-0.011788
-8.25E-05	-0.000667	-1.79E-05	
10	-0.000658	-5.41E-05	-0.008156
-5.97E-05	-0.000807	-1.53E-05	
11	-0.000710	-4.90E-05	-0.004057
-1.58E-05	-0.000841	-1.21E-05	
12	-0.000776	-4.68E-05	-3.17E-07
-6.38E-06	-0.000788	-8.78E-06	
13	-0.000852	-4.20E-05	-0.003091
-4.00E-05	-0.000697	-6.59E-06	
14	-0.000931	-3.76E-05	-0.006284
-9.00E-05	-0.000581	-7.80E-06	
15	-0.001005	-3.37E-05	-0.009221
-0.000121	-0.000439	-1.11E-05	
16	-0.001063	-3.07E-05	-0.011450
-0.000136	-0.000285	-1.45E-05	
17	-0.001094	-2.65E-05	-0.012646
-0.000139	-0.000185	-1.71E-05	
18	-0.001096	-2.34E-05	-0.012646
-0.000139	-0.000209	-1.89E-05	
19	-0.001066	-2.23E-05	-0.011452
-0.000135	-0.000359	-1.94E-05	
20	-0.001009	-2.39E-05	-0.009225
-0.000121	-0.000534	-1.83E-05	
21	-0.000933	-2.46E-05	-0.006287
-8.97E-05	-0.000628	-1.59E-05	
22	-0.000850	-3.17E-05	-0.003092
-3.99E-05	-0.000640	-1.28E-05	
23	-0.000769	-4.24E-05	-3.17E-07
-6.45E-06	-0.000589	-9.36E-06	
24	-0.000700	-5.16E-05	-0.004059
-1.55E-05	-0.000490	-7.15E-06	
25	-0.000645	-5.97E-05	-0.008159
-5.92E-05	-0.000355	-8.42E-06	
26	-0.000609	-6.32E-05	-0.011792
-8.20E-05	-0.000202	-1.26E-05	
27	-0.000593	-6.27E-05	-0.014474
-8.84E-05	-6.45E-05	-1.67E-05	
28	-0.000592	-5.84E-05	-0.015932
-8.71E-05	-2.39E-05	-2.01E-05	
29	-0.000604	-5.17E-05	-0.016108
-8.14E-05	-0.000128	-2.27E-05	
30	-0.000625	-4.33E-05	-0.014971
-7.29E-05	-0.000341	-2.46E-05	
31	-0.000655	-3.36E-05	-0.012586
-6.27E-05	-0.000569	-2.54E-05	
32	-0.000690	-2.46E-05	-0.009088
-5.04E-05	-0.000791	-2.47E-05	
33	-0.000731	-5.30E-05	-0.004564
-3.67E-05	-0.000967	-2.23E-05	
34	-0.000769	-9.36E-05	-1.14E-07
-2.51E-05	-0.001027	-1.92E-05	
35	-0.000966	-0.000166	-5.13E-07
-0.000152	-0.000369	-1.11E-05	
36	-0.000928	-0.000195	-0.006400
-0.000158	-0.000358	-1.40E-05	
37	-0.000920	-0.000222	-0.012605
-0.000174	-0.000322	-1.62E-05	
38	-0.000935	-0.000238	-0.017260
-0.000191	-0.000275	-1.68E-05	
39	-0.000945	-0.000242	-0.020339
-0.000206	-0.000225	-1.59E-05	
40	-0.000939	-0.000233	-0.021722
-0.000221	-0.000237	-1.41E-05	
41	-0.000915	-0.000212	-0.021340
-0.000234	-0.000379	-1.14E-05	
42	-0.000875	-0.000181	-0.019260
-0.000242	-0.000615	-7.95E-06	
43	-0.000827	-0.000141	-0.015560
-0.000240	-0.000898	-4.12E-06	
44	-0.000831	-0.000100	-0.010631
-0.000220	-0.001073	-2.40E-06	
45	-0.000888	-6.71E-05	-0.005180
-0.000178	-0.001090	-4.40E-06	
46	-0.000968	-5.77E-05	-1.14E-06
-0.000154	-0.000964	-7.05E-06	
47	-0.001066	-7.44E-05	-0.004070
-0.000203	-0.000792	-1.00E-05	
48	-0.001172	-0.000104	-0.008408
-0.000251	-0.000627	-1.24E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.001272	-0.000133	-0.012433
-0.000280	-0.000462	-1.46E-05	
50	-0.001352	-0.000154	-0.015493
-0.000294	-0.000298	-1.55E-05	
51	-0.001398	-0.000164	-0.017135
-0.000296	-0.000239	-1.49E-05	
52	-0.001403	-0.000162	-0.017135
-0.000296	-0.000324	-1.30E-05	
53	-0.001366	-0.000149	-0.015494
-0.000293	-0.000500	-1.01E-05	
54	-0.001289	-0.000125	-0.012433
-0.000280	-0.000734	-6.56E-06	
55	-0.001188	-9.63E-05	-0.008408
-0.000250	-0.000858	-3.74E-06	
56	-0.001077	-6.66E-05	-0.004070
-0.000202	-0.000860	-5.70E-06	
57	-0.000974	-5.77E-05	-1.14E-06
-0.000154	-0.000749	-8.65E-06	
58	-0.000889	-7.63E-05	-0.005179
-0.000177	-0.000572	-1.22E-05	
59	-0.000827	-0.000115	-0.010629
-0.000220	-0.000383	-1.55E-05	
60	-0.000790	-0.000155	-0.015558
-0.000240	-0.000200	-1.79E-05	
61	-0.000775	-0.000188	-0.019259
-0.000241	-5.02E-05	-1.96E-05	
62	-0.000776	-0.000211	-0.021340
-0.000233	-5.10E-05	-1.97E-05	
63	-0.000790	-0.000221	-0.021722
-0.000221	-0.000210	-1.87E-05	
64	-0.000813	-0.000218	-0.020339
-0.000206	-0.000465	-1.64E-05	
65	-0.000845	-0.000201	-0.017260
-0.000191	-0.000768	-1.31E-05	
66	-0.000883	-0.000174	-0.012606
-0.000174	-0.001085	-8.81E-06	
67	-0.000927	-0.000138	-0.006401
-0.000158	-0.001356	-4.59E-06	
68	-0.000968	-0.000108	-5.13E-07
-0.000152	-0.001454	-4.51E-06	
69	-0.000871	-0.000153	-0.000447
-8.36E-05	-0.000433	-0.000150	
70	-0.000834	-0.000147	-0.005815
-5.37E-05	-0.000767	-0.000115	
71	-0.000815	-0.000139	-0.011204
-6.38E-05	-0.000611	-0.000107	
72	-0.000819	-0.000129	-0.015327
-7.58E-05	-0.000554	-9.26E-05	
73	-0.000822	-0.000117	-0.018131
-8.85E-05	-0.000525	-7.75E-05	
74	-0.000821	-0.000103	-0.019424
-0.000101	-0.000548	-6.34E-05	
75	-0.000793	-8.97E-05	-0.019126
-0.000116	-0.000668	-5.32E-05	
76	-0.000759	-7.82E-05	-0.017295
-0.000131	-0.000873	-5.25E-05	
77	-0.000722	-6.82E-05	-0.014025
-0.000146	-0.001114	-5.98E-05	
78	-0.000746	-5.88E-05	-0.009710
-0.000152	-0.001264	-7.10E-05	
79	-0.000800	-5.36E-05	-0.004894
-0.000129	-0.001283	-8.34E-05	
80	-0.000875	-5.37E-05	-0.000464
-8.10E-05	-0.001179	-9.69E-05	
81	-0.000964	-5.85E-05	-0.003855
-0.000153	-0.001028	-0.000108	
82	-0.001059	-6.36E-05	-0.007659
-0.000187	-0.000889	-0.000113	
83	-0.001147	-6.67E-05	-0.011180
-0.000189	-0.000738	-0.000110	
84	-0.001217	-6.69E-05	-0.013911
-0.000180	-0.000598	-9.88E-05	
85	-0.001257	-6.51E-05	-0.015380
-0.000170	-0.000550	-8.43E-05	
86	-0.001263	-6.15E-05	-0.015380
-0.000170	-0.000616	-7.26E-05	
87	-0.001228	-5.72E-05	-0.013912
-0.000179	-0.000770	-6.16E-05	
88	-0.001157	-5.18E-05	-0.011182
-0.000188	-0.000964	-5.40E-05	
89	-0.001068	-4.79E-05	-0.007660
-0.000186	-0.001069	-4.94E-05	
90	-0.000969	-4.78E-05	-0.003856
-0.000152	-0.001070	-4.71E-05	
91	-0.000875	-5.16E-05	-0.000464
-8.09E-05	-0.000975	-4.95E-05	
92	-0.000796	-6.08E-05	-0.004894
-0.000128	-0.000818	-5.80E-05	
93	-0.000737	-7.41E-05	-0.009712
-0.000152	-0.000657	-6.65E-05	
94	-0.000700	-8.67E-05	-0.014026
-0.000146	-0.000497	-6.98E-05	
95	-0.000684	-9.53E-05	-0.017297
-0.000131	-0.000377	-6.84E-05	
96	-0.000684	-0.000101	-0.019127
-0.000115	-0.000376	-6.67E-05	
97	-0.000696	-0.000102	-0.019425
-0.000101	-0.000518	-6.59E-05	
98	-0.000719	-0.000102	-0.018132
-8.81E-05	-0.000738	-6.69E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000750	-0.000100	-0.015329
-7.56E-05	-0.000995	-6.98E-05	
100	-0.000786	-9.81E-05	-0.011205
-6.37E-05	-0.001271	-7.41E-05	
101	-0.000829	-9.71E-05	-0.005817
-5.37E-05	-0.001547	-8.25E-05	
102	-0.000869	-0.000102	-0.000447
-8.35E-05	-0.002123	-7.83E-05	
103	-0.001119	-0.000145	.000000
2.49E-21	-0.000336	-7.76E-06	
104	-0.001482	-0.000352	.000000
1.03E-20	-0.000753	-8.78E-06	
105	-1.39E-08	-7.58E-07	.000000
-1.40E-05	-0.000591	-9.36E-06	
106	-0.001160	-6.23E-06	.000000
-0.000207	-0.001018	-1.92E-05	
107	-0.001720	-3.13E-05	.000000
-0.000146	-0.000372	-1.11E-05	
108	-0.001905	-6.65E-08	.000000
-0.000154	-0.000964	-7.05E-06	
109	.000000	.000000	.000000
-0.000164	-0.000746	-8.65E-06	
110	-0.001410	-0.000107	.000000
-0.000206	-0.001449	-4.51E-06	

COMB DL-G2-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.001460	0.000271	4.49E-08
0.000342	0.001557	1.07E-05	
2	0.001322	0.000257	0.002048
0.000451	0.001464	7.52E-06	
3	0.001207	0.000243	0.004187
0.000579	0.001193	5.63E-06	
4	0.001144	0.000232	0.006060
0.000677	0.000859	6.07E-06	
5	0.001110	0.000240	0.007616
0.000733	0.000523	7.04E-06	
6	0.001092	0.000257	0.008770
0.000751	0.000219	7.84E-06	
7	0.001083	0.000276	0.009414
0.000733	5.07E-05	8.14E-06	
8	0.001086	0.000290	0.009428
0.000676	7.53E-05	8.13E-06	
9	0.001115	0.000295	0.008606
0.000581	0.000263	7.69E-06	
10	0.001209	0.000294	0.006767
0.000455	0.000481	7.35E-06	
11	0.001336	0.000290	0.003847
0.000328	0.000686	6.80E-06	
12	0.001465	0.000290	9.66E-08
0.000255	0.000855	5.75E-06	
13	0.001583	0.000293	0.005198
0.000330	0.000952	4.37E-06	
14	0.001690	0.000293	0.009583
0.000436	0.000941	5.58E-06	
15	0.001777	0.000295	0.012984
0.000541	0.000803	7.28E-06	
16	0.001840	0.000302	0.015173
0.000621	0.000543	8.82E-06	
17	0.001875	0.000303	0.016127
0.000660	0.000333	9.96E-06	
18	0.001880	0.000303	0.016128
0.000660	0.000271	1.03E-05	
19	0.001855	0.000302	0.015175
0.000620	0.000384	9.85E-06	
20	0.001798	0.000294	0.012988
0.000540	0.000593	8.63E-06	
21	0.001710	0.000286	0.009585
0.000435	0.000792	7.20E-06	
22	0.001596	0.000287	0.005199
0.000329	0.000969	6.00E-06	
23	0.001461	0.000287	9.65E-08
0.000255	0.001127	4.47E-06	
24	0.001310	0.000287	0.003849
0.000328	0.001229	2.43E-06	
25	0.001154	0.000289	0.006769
0.000455	0.001189	2.97E-06	
26	0.001017	0.000291	0.008608
0.000580	0.000984	5.15E-06	
27	0.000920	0.000289	0.009430
0.000676	0.000662	7.22E-06	
28	0.000874	0.000280	0.009417
0.000732	0.000390	8.95E-06	
29	0.000874	0.000268	0.008772
0.000751	0.000244	1.04E-05	
30	0.000919	0.000257	0.007618
0.000733	0.000276	1.13E-05	
31	0.001007	0.000242	0.006061
0.000677	0.000346	1.17E-05	
32	0.001134	0.000234	0.004188
0.000579	0.000406	1.13E-05	
33	0.001299	0.000253	0.002048
0.000451	0.000449	1.01E-05	
34	0.001466	0.000282	4.48E-08
0.000343	0.000462	8.64E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
35	0.001563	0.000282	5.37E-08
0.000131	0.001755	1.18E-05	
36	0.001409	0.000297	0.002140
0.000251	0.001648	1.35E-05	
37	0.001290	0.000310	0.004373
0.000384	0.001335	1.49E-05	
38	0.001229	0.000319	0.006326
0.000480	0.000959	1.55E-05	
39	0.001196	0.000322	0.007951
0.000535	0.000589	1.54E-05	
40	0.001178	0.000319	0.009162

0.000552	0.000258	1.48E-05	
41	0.001170	0.000322	0.009853
0.000531	5.67E-05	1.38E-05	
42	0.001171	0.000320	0.009898
0.000473	7.24E-05	1.24E-05	
43	0.001193	0.000312	0.009079
0.000374	0.000267	1.04E-05	
44	0.001286	0.000301	0.007192
0.000243	0.000499	9.59E-06	
45	0.001425	0.000293	0.004129
0.000106	0.000726	1.13E-05	
46	0.001564	0.000293	1.05E-07
4.05E-05	0.000928	1.31E-05	
47	0.001690	0.000305	0.005536
0.000116	0.001049	1.47E-05	
48	0.001800	0.000323	0.010123
0.000225	0.001042	1.57E-05	
49	0.001890	0.000339	0.013635
0.000334	0.000891	1.66E-05	
50	0.001955	0.000347	0.015870
0.000414	0.000604	1.69E-05	
51	0.001992	0.000348	0.016833
0.000453	0.000379	1.66E-05	
52	0.001998	0.000348	0.016833
0.000453	0.000294	1.55E-05	
53	0.001974	0.000347	0.015872
0.000414	0.000392	1.37E-05	
54	0.001916	0.000337	0.013636
0.000334	0.000608	1.13E-05	
55	0.001826	0.000322	0.010124
0.000224	0.000817	8.90E-06	
56	0.001708	0.000301	0.005536
0.000116	0.001013	9.70E-06	
57	0.001565	0.000293	1.05E-07
4.04E-05	0.001204	1.12E-05	
58	0.001403	0.000297	0.004129
0.000106	0.001336	1.25E-05	
59	0.001232	0.000306	0.007192
0.000242	0.001302	1.37E-05	
60	0.001081	0.000313	0.009080
0.000374	0.001079	1.47E-05	
61	0.000974	0.000314	0.009899
0.000473	0.000727	1.54E-05	
62	0.000924	0.000309	0.009855
0.000531	0.000429	1.57E-05	
63	0.000923	0.000301	0.009164
0.000551	0.000276	1.56E-05	
64	0.000971	0.000301	0.007953
0.000535	0.000290	1.51E-05	
65	0.001065	0.000297	0.006327
0.000480	0.000358	1.39E-05	
66	0.001201	0.000290	0.004374
0.000384	0.000420	1.22E-05	
67	0.001380	0.000284	0.002141
0.000251	0.000461	1.06E-05	
68	0.001563	0.000286	5.36E-08
0.000131	0.000480	1.25E-05	
69	0.001504	0.000252	2.61E-07
0.000150	0.002537	7.80E-05	
70	0.001356	0.000249	0.002081
0.000283	0.001941	8.36E-05	
71	0.001240	0.000248	0.004263
0.000516	0.001604	7.66E-05	
72	0.001181	0.000244	0.006171
0.000658	0.001241	7.45E-05	
73	0.001149	0.000239	0.007755
0.000739	0.000898	7.54E-05	
74	0.001131	0.000232	0.008927
0.000761	0.000593	7.98E-05	
75	0.001122	0.000239	0.009582
0.000731	0.000396	8.81E-05	
76	0.001122	0.000248	0.009592
0.000655	0.000395	0.000106	
77	0.001135	0.000255	0.008745
0.000533	0.000562	0.000126	
78	0.001238	0.000260	0.006844
0.000373	0.000779	0.000139	
79	0.001372	0.000262	0.003813
0.000184	0.000995	0.000141	
80	0.001509	0.000265	2.17E-08
4.66E-05	0.001200	0.000132	
81	0.001633	0.000271	0.005188
0.000181	0.001325	0.000119	
82	0.001742	0.000275	0.009707
0.000360	0.001322	0.000108	
83	0.001831	0.000276	0.013194
0.000503	0.001181	9.55E-05	
84	0.001896	0.000273	0.015427
0.000598	0.000918	8.77E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
85	0.001932	0.000267	0.016396
0.000645	0.000709	8.85E-05	
86	0.001938	0.000264	0.016397
0.000644	0.000622	9.55E-05	
87	0.001913	0.000267	0.015429
0.000597	0.000695	0.000102	
88	0.001855	0.000267	0.013197
0.000502	0.000889	0.000107	
89	0.001766	0.000266	0.009710
0.000358	0.001092	0.000105	
90	0.001649	0.000265	0.005189
0.000181	0.001278	9.65E-05	
91	0.001508	0.000264	1.92E-07
4.65E-05	0.001373	7.96E-05	
92	0.001348	0.000263	0.003813
0.000183	0.001604	6.34E-05	
93	0.001182	0.000263	0.006845
0.000372	0.001572	5.45E-05	
94	0.001036	0.000258	0.008746
0.000532	0.001364	4.93E-05	
95	0.000930	0.000249	0.009594
0.000654	0.001035	4.96E-05	
96	0.000883	0.000236	0.009584
0.000730	0.000760	5.60E-05	
97	0.000884	0.000226	0.008929
0.000760	0.000607	6.75E-05	
98	0.000931	0.000227	0.007756
0.000739	0.000596	8.67E-05	
99	0.001024	0.000228	0.006172
0.000658	0.000643	0.000110	
100	0.001156	0.000231	0.004264
0.000516	0.000715	0.000137	
101	0.001330	0.000240	0.002082
0.000283	0.000881	0.000158	
102	0.001508	0.000258	1.87E-07
0.000150	0.000549	0.000217	
103	0.000907	0.000584	.000000
0.000116	0.001585	1.07E-05	
104	0.002504	0.001179	.000000
0.000190	0.000892	5.75E-06	
105	1.03E-05	0.000563	.000000
0.000276	0.001120	4.47E-06	
106	0.003309	1.59E-20	.000000
0.000296	0.000404	8.64E-06	
107	0.001050	1.91E-05	.000000
8.04E-05	0.001756	1.18E-05	
108	0.002913	1.02E-07	.000000
4.04E-05	0.000928	1.31E-05	
109	.000000	.000000	.000000
6.15E-05	0.001205	1.12E-05	
110	0.003617	6.47E-05	.000000
0.000111	0.000477	1.25E-05	

COMB DL-G2-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.001121	-0.000139	-3.33E-07
-2.75E-05	-0.000462	-1.24E-05	
2	-0.001070	-0.000102	-0.006875
-7.27E-05	-0.000449	-1.10E-05	
3	-0.001038	-6.45E-05	-0.013624
-0.000144	-0.000406	-1.09E-05	
4	-0.001033	-3.69E-05	-0.018780
-0.000205	-0.000346	-1.35E-05	
5	-0.001033	-3.76E-05	-0.022253
-0.000245	-0.000276	-1.61E-05	
6	-0.001021	-4.70E-05	-0.023871
-0.000267	-0.000244	-1.78E-05	
7	-0.000995	-5.39E-05	-0.023548
-0.000272	-0.000390	-1.85E-05	
8	-0.000956	-5.77E-05	-0.021337
-0.000255	-0.000662	-1.85E-05	
9	-0.000927	-5.98E-05	-0.017326
-0.000213	-0.000984	-1.74E-05	
10	-0.000956	-5.73E-05	-0.011928
-0.000145	-0.001189	-1.54E-05	
11	-0.001027	-4.91E-05	-0.005884
-6.09E-05	-0.001229	-1.31E-05	
12	-0.001121	-4.33E-05	-8.12E-07
-1.59E-05	-0.001127	-1.06E-05	
13	-0.001232	-3.89E-05	-0.004548
-6.38E-05	-0.000969	-8.92E-06	
14	-0.001349	-3.58E-05	-0.009310
-0.000143	-0.000792	-1.01E-05	
15	-0.001459	-3.35E-05	-0.013705
-0.000209	-0.000593	-1.30E-05	
16	-0.001546	-3.78E-05	-0.017042
-0.000254	-0.000384	-1.61E-05	
17	-0.001595	-3.94E-05	-0.018833
-0.000273	-0.000271	-1.85E-05	
18	-0.001598	-3.78E-05	-0.018834
-0.000273	-0.000332	-2.00E-05	
19	-0.001555	-3.32E-05	-0.017045
-0.000254	-0.000543	-2.02E-05	
20	-0.001470	-2.75E-05	-0.013709
-0.000209	-0.000803	-1.91E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
21	-0.001358	-2.39E-05	-0.009312
-0.000143	-0.000942	-1.69E-05	
22	-0.001234	-2.96E-05	-0.004549
-6.37E-05	-0.000953	-1.43E-05	
23	-0.001117	-3.88E-05	-8.12E-07
-1.60E-05	-0.000856	-1.14E-05	
24	-0.001017	-5.00E-05	-0.005886
-6.04E-05	-0.000686	-9.48E-06	
25	-0.000941	-6.10E-05	-0.011930
-0.000144	-0.000481	-1.04E-05	
26	-0.000894	-6.65E-05	-0.017328
-0.000212	-0.000263	-1.40E-05	
27	-0.000872	-6.87E-05	-0.021339
-0.000254	-7.53E-05	-1.78E-05	
28	-0.000872	-6.95E-05	-0.023550
-0.000271	-5.07E-05	-2.09E-05	
29	-0.000889	-6.39E-05	-0.023873
-0.000266	-0.000219	-2.34E-05	
30	-0.000918	-5.10E-05	-0.022255
-0.000244	-0.000523	-2.50E-05	
31	-0.000958	-3.62E-05	-0.018782
-0.000204	-0.000859	-2.57E-05	
32	-0.001006	-2.64E-05	-0.013626
-0.000144	-0.001194	-2.51E-05	
33	-0.001061	-5.51E-05	-0.006876
-7.28E-05	-0.001464	-2.28E-05	
34	-0.001113	-0.000100	-3.33E-07
-2.76E-05	-0.001557	-1.99E-05	
35	-0.001203	-0.000158	-5.03E-07
-0.000220	-0.000480	-1.04E-05	
36	-0.001152	-0.000185	-0.007712
-0.000290	-0.000466	-1.31E-05	
37	-0.001120	-0.000210	-0.015234
-0.000380	-0.000420	-1.52E-05	
38	-0.001135	-0.000225	-0.020925
-0.000452	-0.000358	-1.58E-05	
39	-0.001141	-0.000229	-0.024721
-0.000501	-0.000290	-1.51E-05	
40	-0.001131	-0.000221	-0.026456
-0.000529	-0.000276	-1.35E-05	
41	-0.001102	-0.000202	-0.026040
-0.000534	-0.000429	-1.11E-05	
42	-0.001056	-0.000172	-0.023546
-0.000515	-0.000727	-8.01E-06	
43	-0.001011	-0.000135	-0.019068
-0.000467	-0.001079	-4.46E-06	
44	-0.001029	-9.62E-05	-0.013075
-0.000385	-0.001302	-2.81E-06	
45	-0.001103	-6.34E-05	-0.006409
-0.000282	-0.001336	-4.77E-06	
46	-0.001203	-5.26E-05	-1.14E-06
-0.000225	-0.001204	-7.64E-06	
47	-0.001324	-6.79E-05	-0.004987
-0.000293	-0.001313	-1.05E-05	
48	-0.001453	-9.48E-05	-0.010257
-0.000384	-0.000817	-1.27E-05	
49	-0.001575	-0.000122	-0.015135
-0.000465	-0.000607	-1.47E-05	
50	-0.001671	-0.000141	-0.018841
-0.000520	-0.000393	-1.57E-05	
51	-0.001726	-0.000150	-0.020829
-0.000544	-0.000294	-1.52E-05	
52	-0.001731	-0.000148	-0.020829
-0.000544	-0.000379	-1.36E-05	
53	-0.001685	-0.000137	-0.018843
-0.000520	-0.000604	-1.09E-05	
54	-0.001592	-0.000115	-0.015137
-0.000465	-0.000891	-7.69E-06	
55	-0.001468	-8.81E-05	-0.010257
-0.000384	-0.001042	-5.05E-06	
56	-0.001334	-6.08E-05	-0.004987
-0.000292	-0.001049	-6.68E-06	
57	-0.001206	-5.26E-05	-1.14E-06
-0.000225	-0.000928	-9.38E-06	
58	-0.001100	-7.23E-05	-0.006408
-0.000281	-0.000726	-1.26E-05	
59	-0.001021	-0.000111	-0.013075
-0.000384	-0.000499	-1.55E-05	
60	-0.000972	-0.000149	-0.019068
-0.000466	-0.000267	-1.76E-05	
61	-0.000950	-0.000180	-0.023547
-0.000514	-7.25E-05	-1.91E-05	
62	-0.000951	-0.000201	-0.026041
-0.000533	-5.66E-05	-1.93E-05	
63	-0.000968	-0.000208	-0.026458
-0.000528	-0.000258	-1.86E-05	
64	-0.000998	-0.000204	-0.024723
-0.000500	-0.000589	-1.68E-05	
65	-0.001039	-0.000188	-0.020927
-0.000452	-0.000959	-1.39E-05	
66	-0.001088	-0.000161	-0.015237
-0.000380	-0.001335	-1.01E-05	
67	-0.001145	-0.000129	-0.007714
-0.000290	-0.001648	-6.35E-06	
68	-0.001199	-0.000108	-5.03E-07
-0.000220	-0.001755	-6.56E-06	
69	-0.001162	-0.000149	-0.000597
-9.47E-05	-0.000550	-0.000205	
70	-0.001112	-0.000144	-0.007741
-0.000151	-0.000881	-0.000155	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
71	-0.001087	-0.000137	-0.014915
-0.000287	-0.000714	-0.000139	
72	-0.001091	-0.000129	-0.020397
-0.000377	-0.000643	-0.000117	
73	-0.001095	-0.000118	-0.024115
-0.000435	-0.000596	-9.76E-05	
74	-0.001085	-0.000106	-0.025835
-0.000463	-0.000607	-8.07E-05	
75	-0.001057	-9.38E-05	-0.025438
-0.000464	-0.000760	-6.93E-05	
76	-0.001012	-8.24E-05	-0.023011
-0.000442	-0.001035	-6.75E-05	
77	-0.000962	-7.15E-05	-0.018672
-0.000394	-0.001364	-7.35E-05	
78	-0.000994	-6.05E-05	-0.012922
-0.000315	-0.001572	-8.40E-05	
79	-0.001067	-5.24E-05	-0.006508
-0.000197	-0.001604	-9.60E-05	
80	-0.001166	-4.91E-05	-0.000610
-8.72E-05	-0.001473	-0.000109	
81	-0.001285	-5.36E-05	-0.005128
-0.000201	-0.001278	-0.000118	
82	-0.001411	-5.92E-05	-0.010198
-0.000320	-0.001092	-0.000121	
83	-0.001528	-6.27E-05	-0.014892
-0.000401	-0.000889	-0.000115	
84	-0.001621	-6.33E-05	-0.018516
-0.000447	-0.000695	-0.000105	
85	-0.001675	-6.18E-05	-0.020470
-0.000468	-0.000622	-9.63E-05	
86	-0.001683	-5.84E-05	-0.020470
-0.000467	-0.000708	-9.12E-05	
87	-0.001636	-5.43E-05	-0.018518
-0.000447	-0.000918	-8.71E-05	
88	-0.001543	-4.90E-05	-0.014895
-0.000400	-0.001181	-8.67E-05	
89	-0.001423	-4.49E-05	-0.010200
-0.000319	-0.001322	-8.84E-05	
90	-0.001292	-4.40E-05	-0.005129
-0.000200	-0.001325	-9.07E-05	
91	-0.001166	-4.70E-05	-0.000610
-8.71E-05	-0.001200	-9.63E-05	
92	-0.001061	-5.84E-05	-0.006507
-0.000196	-0.000995	-0.000105	
93	-0.000983	-7.40E-05	-0.012924
-0.000314	-0.000779	-0.000109	
94	-0.000934	-8.77E-05	-0.018673
-0.000393	-0.000562	-0.000103	
95	-0.000912	-9.66E-05	-0.023013
-0.000441	-0.000394	-9.13E-05	
96	-0.000912	-0.000102	-0.025440
-0.000463	-0.000396	-7.90E-05	
97	-0.000928	-0.000102	-0.025837
-0.000462	-0.000593	-7.06E-05	
98	-0.000958	-0.000101	-0.024116
-0.000434	-0.000897	-6.77E-05	
99	-0.000999	-9.66E-05	-0.020400
-0.000376	-0.001241	-6.94E-05	
100	-0.001047	-9.25E-05	-0.014916
-0.000287	-0.001604	-7.29E-05	
101	-0.001103	-9.36E-05	-0.007743
-0.000151	-0.001941	-8.09E-05	
102	-0.001156	-0.000105	-0.000598
-9.46E-05	-0.002538	-7.64E-05	
103	-0.001763	-0.000215	.000000
-3.92E-21	-0.000462	-1.24E-05	
104	-0.002136	-0.000509	.000000
2.80E-20	-0.001086	-1.06E-05	
105	-1.36E-08	-7.46E-07	.000000
-2.64E-05	-0.000857	-1.14E-05	
106	-0.001649	-5.95E-05	.000000
-0.000382	-0.001509	-1.99E-05	
107	-0.002023	-3.68E-05	.000000
-0.000216	-0.000484	-1.04E-05	
108	-0.002369	-8.27E-08	.000000
-0.000225	-0.001204	-7.64E-06	
109	.000000	.000000	.000000
-0.000237	-0.000922	-9.38E-06	
110	-0.001774	-0.000132	.000000
-0.000293	-0.001744	-6.56E-06	

COMB DB ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000871	0.000291	3.44E-08
0.000309	0.001153	8.69E-06	
2	0.000858	0.000250	0.001516
0.000381	0.001089	6.15E-06	
3	0.000844	0.000211	0.003099
0.000455	0.001025	6.13E-06	
4	0.000831	0.000189	0.004486
0.000532	0.000661	8.57E-06	
5	0.000821	0.000167	0.005643
0.000573	0.000433	1.07E-05	
6	0.000814	0.000151	0.006507
0.000581	0.000213	1.20E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
7	0.000810	0.000174	0.007003
0.000557	5.74E-05	1.25E-05	
8	0.000810	0.000195	0.007039
0.000502	5.53E-05	1.21E-05	
9	0.000815	0.000211	0.006463
0.000425	0.000192	1.08E-05	
10	0.000827	0.000220	0.005124
0.000330	0.000354	9.45E-06	
11	0.000847	0.000220	0.002944
0.000239	0.000518	7.47E-06	
12	0.000873	0.000219	7.50E-08
0.000177	0.000664	5.63E-06	
13	0.000904	0.000221	0.002928
0.000248	0.000760	4.12E-06	
14	0.000939	0.000216	0.005101
0.000323	0.000771	4.24E-06	
15	0.000975	0.000202	0.006498
0.000404	0.000684	6.03E-06	
16	0.001008	0.000181	0.007080
0.000464	0.000503	8.41E-06	
17	0.001036	0.000157	0.006961
0.000499	0.000285	1.03E-05	
18	0.001053	0.000151	0.006962
0.000499	0.000179	1.13E-05	
19	0.001056	0.000176	0.007081
0.000464	0.000242	1.14E-05	
20	0.001040	0.000198	0.006500
0.000404	0.000275	1.03E-05	
21	0.001004	0.000214	0.005102
0.000323	0.000362	8.75E-06	
22	0.000948	0.000222	0.002928
0.000248	0.000513	7.12E-06	
23	0.000871	0.000221	7.50E-08
0.000177	0.000672	5.05E-06	
24	0.000777	0.000218	0.002945
0.000239	0.000806	3.48E-06	
25	0.000671	0.000221	0.005124
0.000330	0.000842	3.76E-06	
26	0.000574	0.000213	0.006463
0.000425	0.000752	5.77E-06	
27	0.000514	0.000198	0.007040
0.000502	0.000566	8.41E-06	
28	0.000498	0.000177	0.007004
0.000557	0.000346	1.07E-05	
29	0.000512	0.000154	0.006508
0.000581	0.000153	1.24E-05	
30	0.000549	0.000165	0.005644
0.000573	0.000206	1.37E-05	
31	0.000606	0.000184	0.004487
0.000532	0.000257	1.42E-05	
32	0.000681	0.000215	0.003100
0.000455	0.000301	1.38E-05	
33	0.000776	0.000264	0.001516
0.000381	0.000332	1.21E-05	
34	0.000873	0.000320	3.43E-08
0.000309	0.000342	1.03E-05	
35	0.000887	0.000304	3.94E-08
0.000106	0.001182	1.23E-05	
36	0.000873	0.000299	0.001560
0.000208	0.001114	1.41E-05	
37	0.000859	0.000291	0.003187
0.000316	0.000912	1.54E-05	
38	0.000846	0.000278	0.004610
0.000390	0.000670	1.58E-05	
39	0.000836	0.000264	0.005795
0.000428	0.000436	1.54E-05	
40	0.000828	0.000256	0.006678
0.000435	0.000212	1.44E-05	
41	0.000824	0.000268	0.007182
0.000412	4.71E-05	1.28E-05	
42	0.000824	0.000272	0.007215
0.000361	5.58E-05	1.09E-05	
43	0.000829	0.000269	0.006619
0.000282	0.000195	8.42E-06	
44	0.000842	0.000258	0.005244
0.000183	0.000363	5.96E-06	
45	0.000862	0.000243	0.003011
8.85E-05	0.000529	6.29E-06	
46	0.000888	0.000227	7.43E-08
3.02E-05	0.000676	7.30E-06	
47	0.000920	0.000227	0.002998
0.000100	0.000772	9.47E-06	
48	0.000956	0.000233	0.005225
0.000181	0.000783	1.15E-05	
49	0.000992	0.000235	0.006656
0.000262	0.000694	1.32E-05	
50	0.001026	0.000228	0.007252
0.000322	0.000511	1.41E-05	
51	0.001054	0.000214	0.007129
0.000353	0.000289	1.40E-05	
52	0.001072	0.000214	0.007129
0.000353	0.000182	1.30E-05	
53	0.001075	0.000227	0.007252
0.000322	0.000247	1.11E-05	
54	0.001060	0.000232	0.006657
0.000262	0.000280	8.90E-06	
55	0.001023	0.000231	0.005225
0.000181	0.000368	6.59E-06	
56	0.000965	0.000225	0.002998
0.000100	0.000521	7.32E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
57	0.000888	0.000227	7.44E-08
3.01E-05	0.000683	8.45E-06	
58	0.000792	0.000243	0.003011
8.84E-05	0.000820	1.00E-05	
59	0.000684	0.000257	0.005244
0.000183	0.000858	1.21E-05	
60	0.000585	0.000265	0.006619
0.000282	0.000769	1.40E-05	
61	0.000522	0.000267	0.007216
0.000361	0.000580	1.55E-05	
62	0.000506	0.000261	0.007183
0.000412	0.000356	1.62E-05	
63	0.000520	0.000247	0.006679
0.000435	0.000177	1.61E-05	
64	0.000556	0.000256	0.005796
0.000428	0.000208	1.54E-05	
65	0.000614	0.000277	0.004611
0.000390	0.000261	1.42E-05	
66	0.000690	0.000296	0.003188
0.000316	0.000306	1.28E-05	
67	0.000788	0.000312	0.001560
0.000208	0.000339	1.19E-05	
68	0.000888	0.000328	3.94E-08
0.000106	0.000350	1.20E-05	
69	0.000854	0.000271	3.73E-05
0.000172	0.002022	5.91E-05	
70	0.000840	0.000247	0.001519
0.000247	0.001470	6.46E-05	
71	0.000826	0.000227	0.003110
0.000451	0.001225	5.90E-05	
72	0.000813	0.000203	0.004501
0.000568	0.001001	5.77E-05	
73	0.000803	0.000178	0.005657
0.000628	0.000782	5.77E-05	
74	0.000795	0.000170	0.006513
0.000637	0.000572	5.97E-05	
75	0.000791	0.000185	0.006994
0.000601	0.000404	6.28E-05	
76	0.000791	0.000197	0.007006
0.000525	0.000372	7.11E-05	
77	0.000796	0.000205	0.006395
0.000417	0.000467	7.88E-05	
78	0.000809	0.000209	0.005019
0.000294	0.000613	8.18E-05	
79	0.000828	0.000208	0.002819
0.000158	0.000775	7.90E-05	
80	0.000855	0.000206	2.35E-05
5.39E-05	0.000946	7.19E-05	
81	0.000886	0.000202	0.002814
0.000152	0.001064	6.40E-05	
82	0.000921	0.000194	0.005005

0.000289	0.001093	5.84E-05	
83	0.000957	0.000182	0.006434
0.000403	0.001017	5.74E-05	
84	0.000991	0.000164	0.007047
0.000486	0.000847	5.90E-05	
85	0.001018	0.000144	0.006952
0.000532	0.000636	6.47E-05	
86	0.001034	0.000140	0.006953
0.000532	0.000512	7.47E-05	
87	0.001037	0.000159	0.007049
0.000485	0.000517	8.63E-05	
88	0.001021	0.000177	0.006436
0.000402	0.000528	9.34E-05	
89	0.000984	0.000192	0.005007
0.000288	0.000617	9.31E-05	
90	0.000928	0.000201	0.002815
0.000152	0.000769	8.59E-05	
91	0.000852	0.000206	2.36E-05
5.38E-05	0.000952	7.41E-05	
92	0.000759	0.000209	0.002819
0.000158	0.001107	6.26E-05	
93	0.000654	0.000210	0.005020
0.000293	0.001160	5.37E-05	
94	0.000555	0.000203	0.006396
0.000416	0.001087	5.02E-05	
95	0.000487	0.000193	0.007007
0.000525	0.000912	5.03E-05	
96	0.000474	0.000179	0.006995
0.000600	0.000700	5.33E-05	
97	0.000490	0.000163	0.006515
0.000636	0.000509	5.93E-05	
98	0.000527	0.000173	0.005658
0.000628	0.000501	6.79E-05	
99	0.000585	0.000200	0.004502
0.000568	0.000525	7.85E-05	
100	0.000660	0.000229	0.003111
0.000451	0.000561	9.42E-05	
101	0.000756	0.000259	0.001520
0.000247	0.000711	0.000107	
102	0.000854	0.000295	3.71E-05
0.000172	0.000397	0.000148	
103	0.000677	0.000568	.000000
0.000162	0.001168	8.69E-06	
104	0.001066	0.000591	.000000
0.000114	0.000674	5.63E-06	
105	6.93E-06	0.000379	.000000
0.000184	0.000669	5.05E-06	
106	0.002156	0.000141	.000000
0.000268	0.000292	1.03E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
107	0.000742	1.35E-05	.000000
7.91E-05	0.001184	1.23E-05	
108	0.001186	4.14E-08	.000000
3.02E-05	0.000676	7.30E-06	
109	.000000	.000000	.000000
3.24E-05	0.000683	8.45E-06	
110	0.002175	4.72E-05	.000000
8.87E-05	0.000347	1.20E-05	

COMB DB ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000864	-0.000102	-4.36E-07
-3.43E-05	-0.000342	-1.42E-05	
2	-0.000833	-7.37E-05	-0.005071
-0.000124	-0.000332	-1.20E-05	
3	-0.000801	-4.67E-05	-0.010043
-0.000233	-0.000301	-1.02E-05	
4	-0.000774	-2.95E-05	-0.013804
-0.000314	-0.000257	-1.16E-05	
5	-0.000752	-4.38E-05	-0.016270
-0.000361	-0.000206	-1.32E-05	
6	-0.000735	-5.27E-05	-0.017288
-0.000380	-0.000152	-1.44E-05	
7	-0.000726	-5.33E-05	-0.016810
-0.000372	-0.000346	-1.50E-05	
8	-0.000726	-4.69E-05	-0.014930
-0.000336	-0.000566	-1.47E-05	
9	-0.000737	-4.93E-05	-0.011791
-0.000273	-0.000752	-1.34E-05	
10	-0.000763	-4.75E-05	-0.007832
-0.000188	-0.000842	-1.12E-05	
11	-0.000806	-3.99E-05	-0.003701
-0.000102	-0.000806	-9.30E-06	
12	-0.000866	-3.40E-05	-5.09E-07
-3.24E-05	-0.000672	-7.60E-06	
13	-0.000939	-2.46E-05	-0.003576
-8.16E-05	-0.000513	-6.34E-06	
14	-0.001023	-2.80E-05	-0.007411
-0.000160	-0.000362	-6.52E-06	
15	-0.001108	-3.38E-05	-0.011028
-0.000236	-0.000275	-8.90E-06	
16	-0.001183	-4.93E-05	-0.013824
-0.000290	-0.000242	-1.14E-05	
17	-0.001232	-5.76E-05	-0.015334
-0.000316	-0.000179	-1.32E-05	
18	-0.001244	-5.89E-05	-0.015335
-0.000316	-0.000284	-1.43E-05	
19	-0.001215	-5.22E-05	-0.013826
-0.000290	-0.000503	-1.45E-05	
20	-0.001148	-3.88E-05	-0.011030
-0.000236	-0.000684	-1.35E-05	
21	-0.001061	-2.55E-05	-0.007412
-0.000160	-0.000771	-1.16E-05	
22	-0.000958	-2.48E-05	-0.003577
-8.16E-05	-0.000760	-9.15E-06	
23	-0.000866	-3.00E-05	-5.09E-07
-3.23E-05	-0.000664	-6.81E-06	
24	-0.000790	-3.90E-05	-0.003701
-0.000102	-0.000518	-5.56E-06	
25	-0.000733	-4.95E-05	-0.007833
-0.000188	-0.000354	-6.03E-06	
26	-0.000698	-5.46E-05	-0.011791
-0.000273	-0.000192	-9.08E-06	
27	-0.000683	-5.48E-05	-0.014930
-0.000336	-5.53E-05	-1.21E-05	
28	-0.000684	-6.33E-05	-0.016810
-0.000372	-5.74E-05	-1.44E-05	
29	-0.000696	-6.36E-05	-0.017288
-0.000380	-0.000213	-1.62E-05	
30	-0.000718	-5.42E-05	-0.016271
-0.000361	-0.000433	-1.76E-05	
31	-0.000747	-3.53E-05	-0.013805
-0.000314	-0.000661	-1.82E-05	
32	-0.000783	-2.07E-05	-0.010044
-0.000233	-0.000895	-1.80E-05	
33	-0.000823	-4.44E-05	-0.005071
-0.000124	-0.001090	-1.66E-05	
34	-0.000861	-7.84E-05	-4.36E-07
-3.44E-05	-0.001153	-1.46E-05	
35	-0.000875	-0.000117	-4.40E-07
-0.000246	-0.000350	-8.51E-06	
36	-0.000844	-0.000139	-0.005208
-0.000314	-0.000339	-1.05E-05	
37	-0.000811	-0.000160	-0.010312
-0.000382	-0.000306	-1.25E-05	
38	-0.000783	-0.000173	-0.014170
-0.000455	-0.000261	-1.33E-05	
39	-0.000761	-0.000177	-0.016696
-0.000499	-0.000208	-1.31E-05	
40	-0.000744	-0.000171	-0.017732
-0.000515	-0.000177	-1.20E-05	
41	-0.000735	-0.000157	-0.017236
-0.000504	-0.000356	-1.01E-05	
42	-0.000734	-0.000134	-0.015301
-0.000474	-0.000580	-7.67E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
43	-0.000746	-0.000106	-0.012079
-0.000414	-0.000769	-5.01E-06	
44	-0.000773	-7.43E-05	-0.008022
-0.000328	-0.000858	-3.33E-06	
45	-0.000816	-4.26E-05	-0.003790
-0.000244	-0.000820	-4.40E-06	
46	-0.000877	-3.93E-05	-5.08E-07
-0.000175	-0.000683	-6.19E-06	
47	-0.000952	-5.81E-05	-0.003652
-0.000227	-0.000521	-8.29E-06	
48	-0.001038	-8.32E-05	-0.007566
-0.000303	-0.000368	-9.93E-06	
49	-0.001124	-0.000107	-0.011258
-0.000378	-0.000280	-1.15E-05	
50	-0.001200	-0.000124	-0.014112
-0.000432	-0.000247	-1.25E-05	
51	-0.001250	-0.000132	-0.015654
-0.000456	-0.000182	-1.23E-05	
52	-0.001263	-0.000131	-0.015654
-0.000456	-0.000288	-1.11E-05	
53	-0.001233	-0.000122	-0.014114
-0.000432	-0.000510	-8.93E-06	
54	-0.001165	-0.000103	-0.011260
-0.000378	-0.000694	-6.24E-06	
55	-0.001073	-7.88E-05	-0.007567
-0.000303	-0.000783	-4.48E-06	
56	-0.000973	-5.47E-05	-0.003652
-0.000227	-0.000773	-4.79E-06	
57	-0.000879	-3.91E-05	-5.08E-07
-0.000175	-0.000676	-6.40E-06	
58	-0.000802	-4.57E-05	-0.003790
-0.000244	-0.000529	-8.83E-06	
59	-0.000744	-7.92E-05	-0.008022
-0.000328	-0.000363	-1.13E-05	
60	-0.000709	-0.000111	-0.012079
-0.000413	-0.000195	-1.31E-05	
61	-0.000693	-0.000137	-0.015302
-0.000473	-5.59E-05	-1.48E-05	
62	-0.000694	-0.000156	-0.017237
-0.000504	-4.70E-05	-1.53E-05	
63	-0.000706	-0.000166	-0.017733
-0.000515	-0.000212	-1.47E-05	
64	-0.000728	-0.000166	-0.016697
-0.000499	-0.000436	-1.33E-05	
65	-0.000758	-0.000156	-0.014171
-0.000455	-0.000670	-1.09E-05	
66	-0.000794	-0.000136	-0.010313
-0.000382	-0.000912	-7.85E-06	
67	-0.000836	-0.000109	-0.005209
-0.000314	-0.001114	-6.25E-06	
68	-0.000875	-8.61E-05	-4.40E-07
-0.000246	-0.001182	-6.64E-06	
69	-0.000844	-0.000110	-0.000627
-6.99E-05	-0.000399	-0.000135	
70	-0.000813	-0.000105	-0.005124
-0.000183	-0.000711	-9.61E-05	
71	-0.000781	-9.92E-05	-0.009983
-0.000375	-0.000561	-8.50E-05	
72	-0.000753	-9.26E-05	-0.013754
-0.000489	-0.000525	-7.56E-05	
73	-0.000730	-8.60E-05	-0.016297
-0.000553	-0.000501	-6.67E-05	
74	-0.000714	-7.77E-05	-0.017345
-0.000571	-0.000509	-5.93E-05	
75	-0.000705	-6.86E-05	-0.016873
-0.000549	-0.000700	-5.60E-05	
76	-0.000704	-5.83E-05	-0.014938
-0.000491	-0.000912	-5.43E-05	
77	-0.000716	-4.77E-05	-0.011747
-0.000409	-0.001087	-5.53E-05	
78	-0.000743	-3.62E-05	-0.007828
-0.000295	-0.001160	-5.93E-05	
79	-0.000786	-4.22E-05	-0.003770
-0.000159	-0.001107	-6.56E-05	
80	-0.000846	-3.63E-05	-0.000438
-5.39E-05	-0.000952	-7.43E-05	
81	-0.000920	-4.03E-05	-0.003655
-0.000154	-0.000769	-8.22E-05	
82	-0.001004	-4.64E-05	-0.007418
-0.000273	-0.000617	-8.74E-05	
83	-0.001089	-5.14E-05	-0.011020
-0.000383	-0.000528	-8.80E-05	
84	-0.001163	-5.35E-05	-0.013885
-0.000452	-0.000517	-8.41E-05	
85	-0.001214	-5.38E-05	-0.015434
-0.000494	-0.000512	-7.75E-05	
86	-0.001230	-5.20E-05	-0.015435
-0.000494	-0.000636	-6.99E-05	
87	-0.001199	-4.92E-05	-0.013887
-0.000451	-0.000847	-6.29E-05	
88	-0.001128	-4.44E-05	-0.011023
-0.000382	-0.001017	-6.19E-05	
89	-0.001036	-3.91E-05	-0.007420
-0.000302	-0.001093	-6.43E-05	
90	-0.000938	-3.51E-05	-0.003656
-0.000153	-0.001064	-6.84E-05	
91	-0.000847	-3.42E-05	-0.000438
-5.39E-05	-0.000946	-7.63E-05	
92	-0.000772	-3.36E-05	-0.003770
-0.000158	-0.000776	-8.30E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
93	-0.000715	-4.26E-05	-0.007829
-0.000294	-0.000613	-8.46E-05	
94	-0.000679	-5.43E-05	-0.011747
-0.000408	-0.000467	-7.74E-05	
95	-0.000664	-6.27E-05	-0.014939
-0.000491	-0.000372	-6.71E-05	
96	-0.000664	-6.85E-05	-0.016874
-0.000549	-0.000404	-5.98E-05	
97	-0.000676	-7.14E-05	-0.017346
-0.000571	-0.000572	-5.72E-05	
98	-0.000698	-7.37E-05	-0.016298
-0.000553	-0.000782	-5.55E-05	
99	-0.000727	-7.42E-05	-0.013755
-0.000489	-0.001001	-5.60E-05	
100	-0.000763	-7.43E-05	-0.009983
-0.000375	-0.001225	-5.78E-05	
101	-0.000804	-7.49E-05	-0.005126
-0.000183	-0.001470	-6.38E-05	
102	-0.000842	-8.23E-05	-0.000627
-6.98E-05	-0.002022	-5.98E-05	
103	-0.001155	-0.000157	.000000
-6.98E-05	-0.000346	-1.42E-05	
104	-0.001560	-0.000407	.000000
-2.78E-05	-0.000659	-7.60E-06	
105	-4.56E-07	-2.49E-05	.000000
-3.48E-05	-0.000664	-6.81E-06	
106	-0.001256	-9.29E-05	.000000
-0.000343	-0.001090	-1.46E-05	
107	-0.001187	-2.16E-05	.000000
-0.000249	-0.000354	-8.51E-06	
108	-0.001651	-5.76E-08	.000000
-0.000175	-0.000683	-6.19E-06	
109	.000000	.000000	.000000
-0.000182	-0.000673	-6.40E-06	
110	-0.001294	-7.93E-05	.000000
-0.000303	-0.001173	-6.64E-06	

COMB DL ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.001533	0.000304	4.67E-08
0.000342	0.001705	1.07E-05	
2	0.001383	0.000279	0.002079
0.000451	0.001604	7.52E-06	
3	0.001266	0.000258	0.004250
0.000598	0.001305	7.48E-06	
4	0.001206	0.000258	0.006152
0.000708	0.000940	1.06E-05	
5	0.001174	0.000266	0.007739
0.000770	0.000577	1.31E-05	
6	0.001156	0.000271	0.008923
0.000786	0.000255	1.48E-05	
7	0.001148	0.000289	0.009602
0.000758	6.38E-05	1.57E-05	
8	0.001150	0.000304	0.009652
0.000687	7.53E-05	1.58E-05	
9	0.001172	0.000312	0.008859
0.000581	0.000263	1.46E-05	
10	0.001264	0.000318	0.007022
0.000455	0.000485	1.27E-05	
11	0.001399	0.000324	0.004034
0.000328	0.000710	1.03E-05	
12	0.001535	0.000327	1.06E-07
0.000255	0.000909	7.75E-06	
13	0.001659	0.000329	0.005401
0.000330	0.001030	5.64E-06	
14	0.001767	0.000332	0.009876
0.000436	0.001024	5.58E-06	
15	0.001855	0.000338	0.013302
0.000541	0.000876	8.47E-06	
16	0.001919	0.000341	0.015484
0.000621	0.000594	1.14E-05	
17	0.001954	0.000336	0.016423
0.000660	0.000372	1.36E-05	
18	0.001960	0.000335	0.016424
0.000660	0.000288	1.47E-05	
19	0.001936	0.000341	0.015486
0.000620	0.000386	1.48E-05	
20	0.001879	0.000340	0.013305
0.000540	0.000597	1.34E-05	
21	0.001791	0.000333	0.009877
0.000435	0.000803	1.12E-05	
22	0.001675	0.000326	0.005401
0.000329	0.000996	8.62E-06	
23	0.001535	0.000324	1.06E-07
0.000255	0.001184	5.80E-06	
24	0.001375	0.000321	0.004034
0.000328	0.001312	3.40E-06	
25	0.001208	0.000318	0.007022
0.000455	0.001278	3.47E-06	
26	0.001060	0.000312	0.008860
0.000580	0.001057	6.86E-06	
27	0.000956	0.000304	0.009653
0.000687	0.000710	1.04E-05	
28	0.000907	0.000289	0.009603
0.000758	0.000425	1.34E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
29	0.000907	0.000270	0.008924
0.000786	0.000263	1.59E-05	
30	0.000955	0.000262	0.007740
0.000769	0.000284	1.76E-05	
31	0.001047	0.000253	0.006153
0.000708	0.000353	1.84E-05	
32	0.001180	0.000252	0.004250
0.000598	0.000413	1.81E-05	
33	0.001356	0.000284	0.002079
0.000451	0.000456	1.61E-05	
34	0.001535	0.000333	4.66E-08
0.000343	0.000469	1.35E-05	
35	0.001563	0.000318	5.37E-08
0.000142	0.001755	1.61E-05	
36	0.001409	0.000345	0.002140
0.000276	0.001648	1.87E-05	
37	0.001290	0.000371	0.004373
0.000420	0.001335	2.07E-05	
38	0.001229	0.000388	0.006326
0.000521	0.000959	2.14E-05	
39	0.001196	0.000395	0.007951
0.000577	0.000589	2.09E-05	
40	0.001178	0.000392	0.009162
0.000589	0.000258	1.96E-05	
41	0.001170	0.000394	0.009853
0.000562	5.67E-05	1.76E-05	
42	0.001171	0.000390	0.009898
0.000495	7.68E-05	1.51E-05	
43	0.001193	0.000377	0.009079
0.000386	0.000268	1.19E-05	
44	0.001286	0.000357	0.007192
0.000249	0.000499	9.80E-06	
45	0.001425	0.000340	0.004129
0.000122	0.000726	1.13E-05	
46	0.001564	0.000335	1.05E-07
6.12E-05	0.000928	1.31E-05	
47	0.001690	0.000349	0.005536
0.000129	0.001049	1.54E-05	
48	0.001800	0.000370	0.010123
0.000231	0.001042	1.74E-05	
49	0.001890	0.000389	0.013635
0.000335	0.000891	1.92E-05	
50	0.001955	0.000399	0.015870
0.000416	0.000604	2.00E-05	
51	0.001992	0.000400	0.016833
0.000457	0.000379	1.95E-05	
52	0.001998	0.000398	0.016833
0.000457	0.000294	1.80E-05	
53	0.001974	0.000395	0.015872
0.000416	0.000392	1.54E-05	
54	0.001916	0.000382	0.013636
0.000335	0.000608	1.22E-05	
55	0.001826	0.000364	0.010124
0.000230	0.000817	9.81E-06	
56	0.001708	0.000345	0.005536
0.000128	0.001013	1.05E-05	
57	0.001565	0.000334	1.05E-07
6.12E-05	0.001204	1.23E-05	
58	0.001403	0.000344	0.004129
0.000122	0.001336	1.45E-05	
59	0.001232	0.000362	0.007192
0.000249	0.001302	1.69E-05	
60	0.001081	0.000377	0.009080
0.000386	0.001079	1.90E-05	
61	0.000974	0.000385	0.009899
0.000494	0.000727	2.03E-05	
62	0.000924	0.000383	0.009855
0.000562	0.000429	2.06E-05	
63	0.000923	0.000375	0.009164
0.000589	0.000276	2.02E-05	
64	0.000971	0.000375	0.007953
0.000576	0.000290	1.90E-05	
65	0.001065	0.000367	0.006327
0.000521	0.000358	1.68E-05	
66	0.001201	0.000354	0.004374
0.000419	0.000420	1.40E-05	
67	0.001380	0.000344	0.002141
0.000275	0.000466	1.16E-05	
68	0.001563	0.000339	5.36E-08
0.000142	0.000480	1.25E-05	
69	0.001504	0.000287	3.38E-05
0.000215	0.002537	8.32E-05	
70	0.001356	0.000288	0.002081
0.000309	0.001941	8.76E-05	
71	0.001240	0.000288	0.004263
0.000564	0.001614	8.01E-05	
72	0.001181	0.000286	0.006171
0.000716	0.001257	7.72E-05	
73	0.001149	0.000282	0.007755
0.000798	0.000916	7.82E-05	
74	0.001131	0.000275	0.008927
0.000814	0.000605	8.38E-05	
75	0.001122	0.000284	0.009582
0.000771	0.000401	9.34E-05	
76	0.001122	0.000292	0.009592
0.000674	0.000395	0.000109	
77	0.001135	0.000297	0.008745
0.000533	0.000562	0.000126	
78	0.001238	0.000300	0.006844
0.000373	0.000779	0.000139	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
79	0.001372	0.000301	0.003813
0.000194	0.000995	0.000141	
80	0.001509	0.000305	3.67E-05
8.38E-05	0.001200	0.000132	
81	0.001633	0.000310	0.005188
0.000191	0.001325	0.000119	
82	0.001742	0.000314	0.009707
0.000360	0.001322	0.000108	
83	0.001831	0.000315	0.013194
0.000503	0.001181	9.55E-05	
84	0.001896	0.000312	0.015427
0.000598	0.000918	8.77E-05	
85	0.001932	0.000304	0.016396
0.000651	0.000709	8.85E-05	
86	0.001938	0.000301	0.016397
0.000651	0.000622	9.80E-05	
87	0.001913	0.000305	0.015429
0.000597	0.000695	0.000110	
88	0.001855	0.000308	0.013197
0.000502	0.000889	0.000120	
89	0.001766	0.000308	0.009710
0.000358	0.001092	0.000120	
90	0.001649	0.000306	0.005189
0.000190	0.001278	0.000112	
91	0.001508	0.000303	3.70E-05
8.38E-05	0.001473	9.80E-05	
92	0.001348	0.000304	0.003813
0.000193	0.001604	8.41E-05	
93	0.001182	0.000304	0.006845
0.000372	0.001572	7.15E-05	
94	0.001036	0.000298	0.008746
0.000532	0.001364	6.09E-05	
95	0.000930	0.000288	0.009594
0.000673	0.001035	5.71E-05	
96	0.000883	0.000274	0.009584
0.000776	0.000761	5.95E-05	
97	0.000884	0.000259	0.008929
0.000814	0.000607	6.75E-05	
98	0.000931	0.000261	0.007756
0.000798	0.000597	8.67E-05	
99	0.001024	0.000263	0.006172
0.000715	0.000643	0.000110	
100	0.001156	0.000270	0.004264
0.000564	0.000715	0.000137	
101	0.001330	0.000287	0.002082
0.000309	0.000881	0.000158	
102	0.001508	0.000310	3.35E-05
0.000215	0.000549	0.000217	
103	0.000975	0.000595	.000000
0.000121	0.001723	1.07E-05	
104	0.002629	0.001200	.000000
0.000190	0.000935	7.75E-06	
105	1.03E-05	0.000563	.000000
0.000276	0.001178	5.80E-06	
106	0.003538	4.07E-06	.000000
0.000299	0.000413	1.35E-05	
107	0.001150	1.91E-05	.000000
0.000108	0.001756	1.61E-05	
108	0.002913	1.02E-07	.000000
6.12E-05	0.000928	1.31E-05	
109	.000000	.000000	.000000
6.93E-05	0.001205	1.23E-05	
110	0.003617	6.47E-05	.000000
0.000116	0.000477	1.25E-05	

COMB DL ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.001187	-0.000139	-4.98E-07
-4.83E-05	-0.000469	-1.40E-05	
2	-0.001137	-0.000102	-0.007500
-0.000159	-0.000456	-1.12E-05	
3	-0.001113	-6.45E-05	-0.014818
-0.000300	-0.000413	-1.09E-05	
4	-0.001119	-4.55E-05	-0.020360
-0.000410	-0.000353	-1.35E-05	
5	-0.001124	-6.14E-05	-0.024062
-0.000476	-0.000284	-1.62E-05	
6	-0.001114	-7.07E-05	-0.025759
-0.000505	-0.000263	-1.83E-05	
7	-0.001086	-7.10E-05	-0.025364
-0.000497	-0.000425	-1.93E-05	
8	-0.001041	-6.26E-05	-0.022943
-0.000450	-0.000710	-1.93E-05	
9	-0.000998	-5.98E-05	-0.018586
-0.000366	-0.001057	-1.79E-05	
10	-0.001016	-5.73E-05	-0.012749
-0.000252	-0.001277	-1.54E-05	
11	-0.001088	-6.36E-05	-0.006250
-0.000137	-0.001312	-1.31E-05	

12	-0.001187	-6.77E-05	-1.14E-06
-6.73E-05	-0.001184	-1.06E-05	
13	-0.001305	-6.21E-05	-0.004879
-0.000107	-0.000996	-8.92E-06	
14	-0.001432	-5.37E-05	-0.010034
-0.000211	-0.000803	-1.01E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
15	-0.001551	-4.42E-05	-0.014806
-0.000316	-0.000597	-1.30E-05	
16	-0.001645	-5.35E-05	-0.018431
-0.000394	-0.000386	-1.61E-05	
17	-0.001699	-6.35E-05	-0.020376
-0.000431	-0.000288	-1.85E-05	
18	-0.001704	-6.65E-05	-0.020377
-0.000431	-0.000372	-2.00E-05	
19	-0.001658	-6.00E-05	-0.018434
-0.000393	-0.000594	-2.02E-05	
20	-0.001566	-4.68E-05	-0.014809
-0.000316	-0.000876	-1.91E-05	
21	-0.001444	-4.18E-05	-0.010035
-0.000211	-0.001024	-1.69E-05	
22	-0.001312	-5.44E-05	-0.004879
-0.000107	-0.001030	-1.43E-05	
23	-0.001186	-6.44E-05	-1.14E-06
-6.74E-05	-0.000909	-1.14E-05	
24	-0.001082	-6.78E-05	-0.006250
-0.000137	-0.000710	-9.48E-06	
25	-0.001004	-6.43E-05	-0.012749
-0.000251	-0.000485	-1.04E-05	
26	-0.000956	-6.65E-05	-0.018587
-0.000365	-0.000263	-1.40E-05	
27	-0.000935	-6.93E-05	-0.022943
-0.000449	-7.53E-05	-1.78E-05	
28	-0.000936	-7.98E-05	-0.025364
-0.000496	-6.37E-05	-2.09E-05	
29	-0.000953	-7.96E-05	-0.025759
-0.000505	-0.000255	-2.34E-05	
30	-0.000983	-6.65E-05	-0.024063
-0.000476	-0.000577	-2.50E-05	
31	-0.001023	-4.16E-05	-0.020361
-0.000409	-0.000940	-2.57E-05	
32	-0.001071	-3.71E-05	-0.014819
-0.000300	-0.001305	-2.51E-05	
33	-0.001126	-6.67E-05	-0.007500
-0.000159	-0.001604	-2.28E-05	
34	-0.001179	-0.000102	-4.98E-07
-4.82E-05	-0.001705	-1.99E-05	
35	-0.001203	-0.000166	-5.13E-07
-0.000248	-0.000480	-1.11E-05	
36	-0.001152	-0.000195	-0.007712
-0.000355	-0.000466	-1.40E-05	
37	-0.001129	-0.000222	-0.015234
-0.000481	-0.000420	-1.62E-05	
38	-0.001135	-0.000238	-0.020925
-0.000591	-0.000358	-1.68E-05	
39	-0.001141	-0.000242	-0.024721
-0.000661	-0.000290	-1.59E-05	
40	-0.001131	-0.000233	-0.026456
-0.000692	-0.000276	-1.41E-05	
41	-0.001102	-0.000212	-0.026040
-0.000683	-0.000429	-1.14E-05	
42	-0.001078	-0.000181	-0.023546
-0.000643	-0.000727	-8.01E-06	
43	-0.001011	-0.000141	-0.019068
-0.000565	-0.001079	-4.46E-06	
44	-0.001029	-0.000107	-0.013075
-0.000453	-0.001302	-2.81E-06	
45	-0.001103	-8.53E-05	-0.006409
-0.000336	-0.001336	-4.77E-06	
46	-0.001203	-7.95E-05	-1.14E-06
-0.000257	-0.001204	-7.64E-06	
47	-0.001324	-9.03E-05	-0.004987
-0.000321	-0.001013	-1.05E-05	
48	-0.001453	-0.000108	-0.010257
-0.000425	-0.000817	-1.27E-05	
49	-0.001575	-0.000133	-0.015135
-0.000527	-0.000607	-1.47E-05	
50	-0.001671	-0.000154	-0.018841
-0.000603	-0.000393	-1.57E-05	
51	-0.001726	-0.000164	-0.020829
-0.000640	-0.000294	-1.52E-05	
52	-0.001731	-0.000162	-0.020829
-0.000639	-0.000379	-1.36E-05	
53	-0.001685	-0.000149	-0.018843
-0.000602	-0.000604	-1.09E-05	
54	-0.001592	-0.000125	-0.015137
-0.000526	-0.000891	-7.69E-06	
55	-0.001468	-0.000100	-0.010257
-0.000425	-0.001042	-5.39E-06	
56	-0.001334	-8.28E-05	-0.004987
-0.000321	-0.001049	-6.68E-06	
57	-0.001206	-7.95E-05	-1.14E-06
-0.000257	-0.000928	-9.38E-06	
58	-0.001100	-9.34E-05	-0.006408
-0.000336	-0.000726	-1.26E-05	
59	-0.001021	-0.000121	-0.013075
-0.000452	-0.000499	-1.55E-05	
60	-0.000972	-0.000155	-0.019068
-0.000565	-0.000268	-1.79E-05	
61	-0.000950	-0.000188	-0.023547
-0.000642	-7.68E-05	-1.96E-05	
62	-0.000951	-0.000211	-0.026041
-0.000683	-5.66E-05	-1.97E-05	
63	-0.000968	-0.000221	-0.026458
-0.000691	-0.000258	-1.87E-05	
64	-0.000998	-0.000218	-0.024723
-0.000660	-0.000589	-1.68E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
65	-0.001039	-0.000201	-0.020927
-0.000591	-0.000959	-1.39E-05	
66	-0.001088	-0.000174	-0.015237
-0.000481	-0.001335	-1.01E-05	
67	-0.001145	-0.000142	-0.007714
-0.000355	-0.001648	-7.37E-06	
68	-0.001199	-0.000115	-5.13E-07
-0.000248	-0.001755	-8.76E-06	
69	-0.001162	-0.000153	-0.000599
-9.47E-05	-0.000550	-0.000216	
70	-0.001112	-0.000147	-0.007741
-0.000208	-0.000881	-0.000158	
71	-0.001087	-0.000139	-0.014915
-0.000449	-0.000714	-0.000139	
72	-0.001091	-0.000129	-0.020397
-0.000602	-0.000643	-0.000117	
73	-0.001095	-0.000118	-0.024115
-0.000691	-0.000596	-9.76E-05	
74	-0.001085	-0.000106	-0.025835
-0.000722	-0.000607	-8.07E-05	
75	-0.001057	-9.38E-05	-0.025438
-0.000698	-0.000760	-6.97E-05	
76	-0.001012	-8.24E-05	-0.023011
-0.000625	-0.001035	-6.78E-05	
77	-0.000962	-7.18E-05	-0.018672
-0.000520	-0.001364	-7.35E-05	
78	-0.000994	-6.84E-05	-0.012922
-0.000373	-0.001572	-8.40E-05	
79	-0.001067	-7.02E-05	-0.006508
-0.000197	-0.001604	-9.60E-05	
80	-0.001166	-7.26E-05	-0.000610
-8.72E-05	-0.001473	-0.000109	
81	-0.001285	-7.48E-05	-0.005128
-0.000201	-0.001278	-0.000118	
82	-0.001411	-7.58E-05	-0.010198
-0.000348	-0.001092	-0.000121	
83	-0.001528	-7.55E-05	-0.014892
-0.000487	-0.000889	-0.000115	
84	-0.001621	-7.35E-05	-0.018516
-0.000579	-0.000695	-0.000105	
85	-0.001675	-7.06E-05	-0.020470
-0.000625	-0.000622	-9.63E-05	
86	-0.001683	-6.67E-05	-0.020470
-0.000625	-0.000708	-9.12E-05	
87	-0.001636	-6.36E-05	-0.018518
-0.000579	-0.000918	-9.09E-05	
88	-0.001543	-6.14E-05	-0.014895
-0.000486	-0.001181	-9.72E-05	
89	-0.001423	-6.20E-05	-0.010200
-0.000347	-0.001322	-0.000105	
90	-0.001292	-6.57E-05	-0.005129
-0.000200	-0.001325	-0.000111	
91	-0.001166	-7.09E-05	-0.000610
-8.71E-05	-0.001200	-0.000119	
92	-0.001061	-7.65E-05	-0.006507
-0.000196	-0.000995	-0.000127	
93	-0.000983	-8.15E-05	-0.012924
-0.000371	-0.000779	-0.000125	
94	-0.000934	-8.79E-05	-0.018673
-0.000519	-0.000562	-0.000112	
95	-0.000912	-9.66E-05	-0.023013
-0.000624	-0.000394	-9.29E-05	
96	-0.000912	-0.000102	-0.025440
-0.000697	-0.000401	-7.90E-05	
97	-0.000928	-0.000102	-0.025837
-0.000721	-0.000605	-7.06E-05	
98	-0.000958	-0.000102	-0.024116
-0.000690	-0.000916	-6.77E-05	
99	-0.000999	-0.000100	-0.020400
-0.000601	-0.001257	-6.98E-05	
100	-0.001047	-0.000101	-0.014916
-0.000449	-0.001614	-7.41E-05	
101	-0.001103	-0.000103	-0.007743
-0.000208	-0.001941	-8.25E-05	
102	-0.001156	-0.000107	-0.000599
-9.46E-05	-0.002538	-7.83E-05	
103	-0.001975	-0.000253	.000000
-9.54E-05	-0.000474	-1.40E-05	
104	-0.002257	-0.000553	.000000
-2.54E-05	-0.001152	-1.06E-05	
105	-8.98E-07	-4.91E-05	.000000
-7.26E-05	-0.000909	-1.14E-05	
106	-0.001729	-0.000178	.000000
-0.000494	-0.001622	-1.99E-05	
107	-0.002023	-3.68E-05	.000000
-0.000248	-0.000484	-1.11E-05	
108	-0.002369	-8.27E-08	.000000
-0.000257	-0.001204	-7.64E-06	
109	.000000	.000000	.000000
-0.000268	-0.000922	-9.38E-06	
110	-0.001774	-0.000132	.000000
-0.000324	-0.001744	-8.76E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB CAR ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.001533	0.000304	4.67E-08
0.000342	0.001705	1.07E-05	
2	0.001383	0.000279	0.002079
0.000451	0.001604	7.52E-06	
3	0.001266	0.000258	0.004250
0.000598	0.001305	7.48E-06	
4	0.001206	0.000258	0.006152
0.000708	0.000940	1.06E-05	
5	0.001174	0.000266	0.007739
0.000770	0.000577	1.31E-05	
6	0.001156	0.000271	0.008923
0.000786	0.000255	1.48E-05	
7	0.001148	0.000289	0.009602
0.000758	6.38E-05	1.57E-05	
8	0.001150	0.000304	0.009652
0.000687	7.53E-05	1.58E-05	
9	0.001172	0.000312	0.008859
0.000581	0.000263	1.46E-05	
10	0.001264	0.000318	0.007022
0.000455	0.000485	1.27E-05	
11	0.001399	0.000324	0.004034
0.000328	0.000710	1.03E-05	
12	0.001535	0.000327	1.06E-07
0.000255	0.000909	7.75E-06	
13	0.001659	0.000329	0.005401
0.000330	0.001030	5.64E-06	
14	0.001767	0.000332	0.009876
0.000436	0.001024	5.58E-06	
15	0.001855	0.000338	0.013302
0.000541	0.000876	8.47E-06	
16	0.001919	0.000341	0.015484
0.000621	0.000594	1.14E-05	
17	0.001954	0.000336	0.016423
0.000660	0.000372	1.36E-05	
18	0.001960	0.000335	0.016424
0.000660	0.000288	1.47E-05	
19	0.001936	0.000341	0.015486
0.000620	0.000386	1.48E-05	
20	0.001879	0.000340	0.013305
0.000540	0.000597	1.34E-05	
21	0.001791	0.000333	0.009877
0.000435	0.000803	1.12E-05	
22	0.001675	0.000326	0.005401
0.000329	0.000996	8.62E-06	
23	0.001535	0.000324	1.06E-07
0.000255	0.001184	5.80E-06	
24	0.001375	0.000321	0.004034
0.000328	0.001312	3.48E-06	
25	0.001208	0.000318	0.007022
0.000455	0.001278	3.76E-06	
26	0.001060	0.000312	0.008860
0.000580	0.001057	6.86E-06	
27	0.000956	0.000304	0.009653
0.000687	0.000710	1.04E-05	
28	0.000907	0.000289	0.009603
0.000758	0.000425	1.34E-05	
29	0.000907	0.000270	0.008924
0.000786	0.000263	1.59E-05	
30	0.000955	0.000262	0.007740
0.000769	0.000284	1.76E-05	
31	0.001047	0.000253	0.006153
0.000708	0.000353	1.84E-05	
32	0.001180	0.000252	0.004250
0.000598	0.000413	1.81E-05	
33	0.001356	0.000284	0.002079
0.000451	0.000456	1.61E-05	
34	0.001535	0.000333	4.66E-08
0.000343	0.000469	1.35E-05	
35	0.001563	0.000318	5.37E-08
0.000142	0.001755	1.61E-05	
36	0.001409	0.000345	0.002140
0.000276	0.001648	1.87E-05	
37	0.001290	0.000371	0.004373
0.000420	0.001335	2.07E-05	
38	0.001229	0.000388	0.006326
0.000521	0.000959	2.14E-05	
39	0.001196	0.000395	0.007951
0.000577	0.000589	2.09E-05	
40	0.001178	0.000392	0.009162
0.000589	0.000258	1.96E-05	
41	0.001170	0.000394	0.009853
0.000562	5.67E-05	1.76E-05	
42	0.001171	0.000390	0.009898
0.000495	7.68E-05	1.51E-05	
43	0.001193	0.000377	0.009079
0.000386	0.000268	1.19E-05	
44	0.001286	0.000357	0.007192
0.000249	0.000499	9.80E-06	
45	0.001425	0.000340	0.004129
0.000122	0.000726	1.13E-05	
46	0.001564	0.000335	1.05E-07
6.12E-05	0.000928	1.31E-05	
47	0.001690	0.000349	0.005536
0.000129	0.001049	1.54E-05	
48	0.001800	0.000370	0.010123
0.000231	0.001042	1.74E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.001890	0.000389	0.013635
0.000335	0.000891	1.92E-05	
50	0.001955	0.000399	0.015870
0.000416	0.000604	2.00E-05	
51	0.001992	0.000400	0.016833
0.000457	0.000379	1.95E-05	
52	0.001998	0.000398	0.016833
0.000457	0.000294	1.80E-05	
53	0.001974	0.000395	0.015872
0.000416	0.000392	1.54E-05	
54	0.001916	0.000382	0.013636
0.000335	0.000608	1.22E-05	
55	0.001826	0.000364	0.010124
0.000230	0.000817	9.81E-06	
56	0.001708	0.000345	0.005536
0.000128	0.001013	1.05E-05	
57	0.001565	0.000334	1.05E-07
6.12E-05	0.001204	1.23E-05	
58	0.001403	0.000344	0.004129
0.000122	0.001336	1.45E-05	
59	0.001232	0.000362	0.007192
0.000249	0.001302	1.69E-05	
60	0.001081	0.000377	0.009080
0.000386	0.001079	1.90E-05	
61	0.000974	0.000385	0.009899
0.000494	0.000727	2.03E-05	
62	0.000924	0.000383	0.009855
0.000562	0.000429	2.06E-05	
63	0.000923	0.000375	0.009164
0.000589	0.000276	2.02E-05	
64	0.000971	0.000375	0.007953
0.000576	0.000290	1.90E-05	
65	0.001065	0.000367	0.006327
0.000521	0.000358	1.68E-05	
66	0.001201	0.000354	0.004374
0.000419	0.000420	1.40E-05	
67	0.001380	0.000344	0.002141
0.000275	0.000466	1.19E-05	
68	0.001563	0.000339	5.36E-08
0.000142	0.000480	1.25E-05	
69	0.001504	0.000287	3.73E-05
0.000215	0.002537	8.32E-05	
70	0.001356	0.000288	0.002081
0.000309	0.001941	8.76E-05	
71	0.001240	0.000288	0.004263
0.000564	0.001614	8.01E-05	
72	0.001181	0.000286	0.006171
0.000716	0.001257	7.72E-05	
73	0.001149	0.000282	0.007755
0.000798	0.000916	7.82E-05	
74	0.001131	0.000275	0.008927
0.000814	0.000605	8.38E-05	
75	0.001122	0.000284	0.009582
0.000771	0.000404	9.34E-05	
76	0.001122	0.000292	0.009592
0.000674	0.000395	0.000109	
77	0.001135	0.000297	0.008745
0.000533	0.000562	0.000126	
78	0.001238	0.000300	0.006844
0.000373	0.000779	0.000139	
79	0.001372	0.000301	0.003813
0.000194	0.000995	0.000141	
80	0.001509	0.000305	3.67E-05
8.38E-05	0.001200	0.000132	
81	0.001633	0.000310	0.005188
0.000191	0.001325	0.000119	
82	0.001742	0.000314	0.009707
0.000360	0.001322	0.000108	
83	0.001831	0.000315	0.013194
0.000503	0.001181	9.55E-05	
84	0.001896	0.000312	0.015427
0.000598	0.000918	8.77E-05	
85	0.001932	0.000304	0.016396
0.000651	0.000709	8.85E-05	
86	0.001938	0.000301	0.016397
0.000651	0.000622	9.80E-05	
87	0.001913	0.000305	0.015429
0.000597	0.000695	0.000110	
88	0.001855	0.000308	0.013197
0.000502	0.000889	0.000120	
89	0.001766	0.000308	0.009710
0.000358	0.001092	0.000120	
90	0.001649	0.000306	0.005189
0.000190	0.001278	0.000112	
91	0.001508	0.000303	3.70E-05
8.38E-05	0.001473	9.80E-05	
92	0.001348	0.000304	0.003813
0.000193	0.001604	8.41E-05	
93	0.001182	0.000304	0.006845
0.000372	0.001572	7.15E-05	
94	0.001036	0.000298	0.008746
0.000532	0.001364	6.09E-05	
95	0.000930	0.000288	0.009594
0.000673	0.001035	5.71E-05	
96	0.000883	0.000274	0.009584
0.000770	0.000760	5.95E-05	
97	0.000884	0.000259	0.008929
0.000814	0.000607	6.75E-05	
98	0.000931	0.000261	0.007756
0.000798	0.000597	8.67E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.001024	0.000263	0.006172
0.000715	0.000643	0.000110	
100	0.001156	0.000270	0.004264
0.000564	0.000715	0.000137	
101	0.001330	0.000287	0.002082
0.000309	0.000881	0.000158	
102	0.001508	0.000310	3.71E-05
0.000215	0.000549	0.000217	
103	0.000975	0.000595	.000000
0.000162	0.001723	1.07E-05	
104	0.002629	0.001200	.000000
0.000190	0.000935	7.75E-06	
105	1.03E-05	0.000563	.000000
0.000276	0.001178	5.80E-06	
106	0.003538	0.000141	.000000
0.000296	0.000413	1.35E-05	
107	0.001050	1.91E-05	.000000
0.000108	0.001756	1.61E-05	
108	0.002913	1.02E-07	.000000
6.12E-05	0.000928	1.31E-05	
109	.000000	.000000	.000000
6.93E-05	0.001205	1.23E-05	
110	0.003617	6.47E-05	.000000
0.000116	0.000477	1.25E-05	

COMB CAR ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.001187	-0.000139	-4.98E-07
-4.83E-05	-0.000469	-1.42E-05	
2	-0.001137	-0.000102	-0.007500
-0.000159	-0.000456	-1.20E-05	
3	-0.001113	-6.45E-05	-0.014818
-0.000300	-0.000413	-1.09E-05	
4	-0.001119	-4.55E-05	-0.020360
-0.000410	-0.000353	-1.35E-05	
5	-0.001124	-6.14E-05	-0.024062
-0.000476	-0.000284	-1.62E-05	
6	-0.001114	-7.07E-05	-0.025759
-0.000505	-0.000263	-1.83E-05	
7	-0.001086	-7.10E-05	-0.025364
-0.000497	-0.000425	-1.93E-05	
8	-0.001041	-6.26E-05	-0.022943
-0.000450	-0.000710	-1.93E-05	
9	-0.000998	-5.98E-05	-0.018586
-0.000366	-0.001057	-1.79E-05	
10	-0.001016	-5.73E-05	-0.012749
-0.000252	-0.001277	-1.54E-05	
11	-0.001088	-6.36E-05	-0.006250
-0.000137	-0.001312	-1.31E-05	
12	-0.001187	-6.77E-05	-1.14E-06
-6.73E-05	-0.001184	-1.06E-05	
13	-0.001305	-6.21E-05	-0.004879
-0.000107	-0.000996	-8.92E-06	
14	-0.001432	-5.37E-05	-0.010034
-0.000211	-0.000803	-1.01E-05	
15	-0.001551	-4.42E-05	-0.014806
-0.000316	-0.000597	-1.30E-05	
16	-0.001645	-5.35E-05	-0.018431
-0.000394	-0.000386	-1.61E-05	
17	-0.001699	-6.35E-05	-0.020376
-0.000431	-0.000288	-1.85E-05	
18	-0.001704	-6.65E-05	-0.020377
-0.000431	-0.000372	-2.00E-05	
19	-0.001658	-6.00E-05	-0.018434
-0.000393	-0.000594	-2.02E-05	
20	-0.001566	-4.68E-05	-0.014809
-0.000316	-0.000876	-1.91E-05	
21	-0.001444	-4.18E-05	-0.010035
-0.000211	-0.001024	-1.69E-05	
22	-0.001312	-5.40E-05	-0.004879
-0.000107	-0.001030	-1.43E-05	
23	-0.001186	-6.44E-05	-1.14E-06
-6.74E-05	-0.000909	-1.14E-05	
24	-0.001082	-6.78E-05	-0.006250
-0.000137	-0.000710	-9.48E-06	
25	-0.001004	-6.43E-05	-0.012749
-0.000251	-0.000485	-1.04E-05	
26	-0.000956	-6.65E-05	-0.018587
-0.000365	-0.000263	-1.40E-05	
27	-0.000935	-6.93E-05	-0.022943
-0.000449	-7.53E-05	-1.78E-05	
28	-0.000936	-7.98E-05	-0.025364
-0.000496	-6.37E-05	-2.09E-05	
29	-0.000953	-7.96E-05	-0.025759
-0.000505	-0.000255	-2.34E-05	
30	-0.000983	-6.65E-05	-0.024063
-0.000476	-0.000577	-2.50E-05	
31	-0.001023	-4.16E-05	-0.020361
-0.000409	-0.000940	-2.57E-05	
32	-0.001071	-3.71E-05	-0.014819
-0.000300	-0.001305	-2.51E-05	
33	-0.001126	-6.67E-05	-0.007500
-0.000159	-0.001604	-2.28E-05	
34	-0.001179	-0.000102	-4.98E-07
-4.82E-05	-0.001705	-1.99E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
35	-0.001203	-0.000166	-5.13E-07
-0.000248	-0.000480	-1.11E-05	
36	-0.001152	-0.000195	-0.007712
-0.000355	-0.000466	-1.40E-05	
37	-0.001129	-0.000222	-0.015234
-0.000481	-0.000420	-1.62E-05	
38	-0.001135	-0.000238	-0.020925
-0.000591	-0.000358	-1.68E-05	
39	-0.001141	-0.000242	-0.024721
-0.000661	-0.000290	-1.59E-05	
40	-0.001131	-0.000233	-0.026456
-0.000692	-0.000276	-1.41E-05	
41	-0.001102	-0.000212	-0.026040
-0.000683	-0.000429	-1.14E-05	
42	-0.001056	-0.000181	-0.023546
-0.000643	-0.000727	-8.01E-06	
43	-0.001011	-0.000141	-0.019068
-0.000565	-0.001079	-5.01E-06	
44	-0.001029	-0.000107	-0.013075
-0.000453	-0.001302	-3.33E-06	
45	-0.001103	-8.53E-05	-0.006409
-0.000336	-0.001336	-4.77E-06	
46	-0.001203	-7.95E-05	-1.14E-06
-0.000257	-0.001204	-7.64E-06	
47	-0.001324	-9.03E-05	-0.004987
-0.000321	-0.001013	-1.05E-05	
48	-0.001453	-0.000108	-0.010257

-0.000425	-0.000817	-1.27E-05	
49	-0.001575	-0.000133	-0.015135
-0.000527	-0.000607	-1.47E-05	
50	-0.001671	-0.000154	-0.018841
-0.000603	-0.000393	-1.57E-05	
51	-0.001726	-0.000164	-0.020829
-0.000640	-0.000294	-1.52E-05	
52	-0.001731	-0.000162	-0.020829
-0.000639	-0.000379	-1.36E-05	
53	-0.001685	-0.000149	-0.018843
-0.000602	-0.000604	-1.09E-05	
54	-0.001592	-0.000125	-0.015137
-0.000526	-0.000891	-7.69E-06	
55	-0.001468	-0.000100	-0.010257
-0.000425	-0.001042	-5.39E-06	
56	-0.001334	-8.28E-05	-0.004987
-0.000321	-0.001049	-6.68E-06	
57	-0.001206	-7.95E-05	-1.14E-06
-0.000257	-0.000928	-9.38E-06	
58	-0.001100	-9.34E-05	-0.006408
-0.000336	-0.000726	-1.26E-05	
59	-0.001021	-0.000121	-0.013075
-0.000452	-0.000499	-1.55E-05	
60	-0.000972	-0.000155	-0.019068
-0.000565	-0.000268	-1.79E-05	
61	-0.000950	-0.000188	-0.023547
-0.000642	-7.68E-05	-1.96E-05	
62	-0.000951	-0.000211	-0.026041
-0.000683	-5.66E-05	-1.97E-05	
63	-0.000968	-0.000221	-0.026458
-0.000691	-0.000258	-1.87E-05	
64	-0.000998	-0.000218	-0.024723
-0.000660	-0.000589	-1.68E-05	
65	-0.001039	-0.000201	-0.020927
-0.000591	-0.000959	-1.39E-05	
66	-0.001088	-0.000174	-0.015237
-0.000481	-0.001335	-1.01E-05	
67	-0.001145	-0.000142	-0.007714
-0.000355	-0.001648	-7.37E-06	
68	-0.001199	-0.000115	-5.13E-07
-0.000248	-0.001755	-8.76E-06	
69	-0.001162	-0.000153	-0.000627
-9.47E-05	-0.000550	-0.000216	
70	-0.001112	-0.000147	-0.007741
-0.000208	-0.000881	-0.000158	
71	-0.001087	-0.000139	-0.014915
-0.000449	-0.000714	-0.000139	
72	-0.001091	-0.000129	-0.020397
-0.000602	-0.000643	-0.000117	
73	-0.001095	-0.000118	-0.024115
-0.000691	-0.000596	-9.76E-05	
74	-0.001085	-0.000106	-0.025835
-0.000722	-0.000607	-8.07E-05	
75	-0.001057	-9.38E-05	-0.025438
-0.000698	-0.000760	-6.97E-05	
76	-0.001012	-8.24E-05	-0.023011
-0.000625	-0.001035	-6.78E-05	
77	-0.000962	-7.18E-05	-0.018672
-0.000520	-0.001364	-7.35E-05	
78	-0.000994	-6.84E-05	-0.012922
-0.000373	-0.001572	-8.40E-05	
79	-0.001067	-7.02E-05	-0.006508
-0.000197	-0.001604	-9.60E-05	
80	-0.001166	-7.26E-05	-0.000610
-8.72E-05	-0.001473	-0.000109	
81	-0.001285	-7.48E-05	-0.005128
-0.000201	-0.001278	-0.000118	
82	-0.001411	-7.58E-05	-0.010198
-0.000348	-0.001092	-0.000121	
83	-0.001528	-7.55E-05	-0.014892
-0.000487	-0.000889	-0.000115	
84	-0.001621	-7.35E-05	-0.018516
-0.000579	-0.000695	-0.000105	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
85	-0.001675	-7.06E-05	-0.020470
-0.000625	-0.000622	-9.63E-05	
86	-0.001683	-6.67E-05	-0.020470
-0.000625	-0.000708	-9.12E-05	
87	-0.001636	-6.36E-05	-0.018518
-0.000579	-0.000918	-9.09E-05	
88	-0.001543	-6.14E-05	-0.014895
-0.000486	-0.001181	-9.72E-05	
89	-0.001433	-6.20E-05	-0.010200
-0.000347	-0.001322	-0.000105	
90	-0.001292	-6.57E-05	-0.005129
-0.000200	-0.001325	-0.000111	
91	-0.001166	-7.09E-05	-0.000610
-8.71E-05	-0.001200	-0.000119	
92	-0.001061	-7.65E-05	-0.006507
-0.000196	-0.000995	-0.000127	
93	-0.000983	-8.15E-05	-0.012924
-0.000371	-0.000779	-0.000125	
94	-0.000934	-8.79E-05	-0.018673
-0.000519	-0.000562	-0.000112	
95	-0.000912	-9.66E-05	-0.023013
-0.000624	-0.000394	-9.29E-05	
96	-0.000912	-0.000102	-0.025440
-0.000697	-0.000404	-7.90E-05	
97	-0.000928	-0.000102	-0.025837
-0.000721	-0.000605	-7.06E-05	
98	-0.000958	-0.000102	-0.024116
-0.000690	-0.000916	-6.77E-05	
99	-0.000999	-0.000100	-0.020400
-0.000601	-0.001247	-6.99E-05	
100	-0.001047	-0.000101	-0.014916
-0.000449	-0.001614	-7.41E-05	
101	-0.001103	-0.000103	-0.007743
-0.000208	-0.001941	-8.25E-05	
102	-0.001156	-0.000107	-0.000627
-9.46E-05	-0.002538	-7.83E-05	
103	-0.001975	-0.000253	.000000
-9.54E-05	-0.000474	-1.42E-05	
104	-0.002257	-0.000553	.000000
-2.78E-05	-0.001152	-1.06E-05	
105	-8.98E-07	-4.91E-05	.000000
-7.26E-05	-0.000909	-1.14E-05	
106	-0.001729	-0.000178	.000000
-0.000494	-0.001622	-1.99E-05	
107	-0.002023	-3.68E-05	.000000
-0.000249	-0.000484	-1.11E-05	
108	-0.002369	-8.27E-08	.000000
-0.000257	-0.001204	-7.64E-06	
109	.000000	.000000	.000000
-0.000268	-0.000922	-9.38E-06	
110	-0.001774	-0.000132	.000000
-0.000324	-0.001744	-8.76E-06	

COMB DESIGN ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.001533	0.000304	4.67E-08
0.000342	0.001705	1.07E-05	
2	0.001383	0.000279	0.002079
0.000451	0.001604	7.52E-06	
3	0.001266	0.000258	0.004250
0.000598	0.001305	7.48E-06	
4	0.001206	0.000258	0.006152
0.000708	0.000940	1.06E-05	
5	0.001174	0.000266	0.007739
0.000770	0.000577	1.31E-05	
6	0.001156	0.000271	0.008923
0.000786	0.000255	1.48E-05	
7	0.001148	0.000289	0.009602
0.000758	6.38E-05	1.57E-05	
8	0.001150	0.000304	0.009652
0.000687	7.53E-05	1.58E-05	
9	0.001172	0.000312	0.008859
0.000581	0.000263	1.46E-05	
10	0.001264	0.000318	0.007022
0.000455	0.000485	1.27E-05	
11	0.001399	0.000324	0.004034
0.000328	0.000710	1.03E-05	
12	0.001535	0.000327	1.06E-07
0.000255	0.000909	7.75E-06	
13	0.001659	0.000329	0.005401
0.000330	0.001030	5.64E-06	
14	0.001767	0.000332	0.009876
0.000436	0.001024	5.58E-06	
15	0.001855	0.000338	0.013302
0.000541	0.000876	8.47E-06	
16	0.001919	0.000341	0.015484
0.000621	0.000594	1.14E-05	
17	0.001954	0.000336	0.016423
0.000660	0.000372	1.36E-05	
18	0.001960	0.000335	0.016424
0.000660	0.000288	1.47E-05	
19	0.001936	0.000341	0.015486
0.000620	0.000386	1.48E-05	
20	0.001879	0.000340	0.013305
0.000540	0.000597	1.34E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
21	0.001791	0.000333	0.009877
0.000435	0.000803	1.12E-05	
22	0.001675	0.000326	0.005401
0.000329	0.000996	8.62E-06	
23	0.001535	0.000324	1.06E-07
0.000255	0.001184	5.80E-06	
24	0.001375	0.000321	0.004034
0.000328	0.001312	3.48E-06	
25	0.001208	0.000318	0.007022
0.000455	0.001278	3.76E-06	
26	0.001060	0.000312	0.008860
0.000580	0.001057	6.86E-06	
27	0.000956	0.000304	0.009653
0.000687	0.000710	1.04E-05	
28	0.000907	0.000289	0.009603
0.000758	0.000425	1.34E-05	
29	0.000907	0.000270	0.008924
0.000786	0.000263	1.59E-05	
30	0.000955	0.000262	0.007740
0.000769	0.000284	1.76E-05	
31	0.001047	0.000253	0.006153
0.000708	0.000353	1.84E-05	
32	0.001180	0.000252	0.004250
0.000598	0.000413	1.81E-05	
33	0.001356	0.000284	0.002079
0.000451	0.000456	1.61E-05	
34	0.001535	0.000333	4.66E-08
0.000343	0.000469	1.35E-05	
35	0.001563	0.000318	5.37E-08
0.000142	0.001755	1.61E-05	
36	0.001409	0.000345	0.002140
0.000276	0.001648	1.87E-05	
37	0.001290	0.000371	0.004373
0.000420	0.001335	2.07E-05	
38	0.001229	0.000388	0.006326
0.000521	0.000959	2.14E-05	
39	0.001196	0.000395	0.007951
0.000577	0.000589	2.09E-05	
40	0.001178	0.000392	0.009162
0.000589	0.000258	1.96E-05	
41	0.001170	0.000394	0.009853
0.000562	5.67E-05	1.76E-05	
42	0.001171	0.000390	0.009898
0.000495	7.68E-05	1.51E-05	
43	0.001193	0.000377	0.009079
0.000386	0.000268	1.19E-05	
44	0.001286	0.000357	0.007192
0.000249	0.000499	9.80E-06	
45	0.001425	0.000340	0.004129
0.000122	0.000726	1.13E-05	
46	0.001564	0.000335	1.05E-07
6.12E-05	0.000928	1.31E-05	
47	0.001690	0.000349	0.005536
0.000129	0.001049	1.54E-05	
48	0.001800	0.000370	0.010123
0.000231	0.001042	1.74E-05	
49	0.001890	0.000389	0.013635
0.000335	0.000891	1.92E-05	
50	0.001955	0.000399	0.015870
0.000416	0.000604	2.00E-05	
51	0.001992	0.000400	0.016833
0.000457	0.000379	1.95E-05	
52	0.001998	0.000398	0.016833
0.000457	0.000294	1.80E-05	
53	0.001974	0.000395	0.015872
0.000416	0.000392	1.54E-05	
54	0.001916	0.000382	0.013636
0.000335	0.000608	1.22E-05	
55	0.001826	0.000364	0.010124
0.000257	0.000817	9.81E-06	
56	0.001708	0.000345	0.005536
0.000128	0.001013	1.05E-05	
57	0.001565	0.000334	1.05E-07
6.12E-05	0.001204	1.23E-05	
58	0.001403	0.000344	0.004129
0.000122	0.001336	1.45E-05	
59	0.001232	0.000362	0.007192
0.000249	0.001302	1.69E-05	
60	0.001081	0.000377	0.009080
0.000386	0.001079	1.90E-05	
61	0.000974	0.000385	0.009899
0.000494	0.000727	2.03E-05	
62	0.000924	0.000383	0.009855
0.000562	0.000429	2.06E-05	
63	0.000923	0.000375	0.009164
0.000589	0.000276	2.02E-05	
64	0.000971	0.000375	0.007953
0.000576	0.000290	1.90E-05	
65	0.001065	0.000367	0.006327
0.000521	0.000358	1.68E-05	
66	0.001201	0.000354	0.004374
0.000419	0.000420	1.40E-05	
67	0.001380	0.000344	0.002141
0.000275	0.000466	1.19E-05	
68	0.001563	0.000339	5.36E-08
0.000142	0.000480	1.25E-05	
69	0.001504	0.000287	3.73E-05
0.000215	0.002537	8.32E-05	
70	0.001356	0.000288	0.002081
0.000309	0.001941	8.76E-05	

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TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
71	0.001240	0.000288	0.004263
0.000564	0.001614	8.01E-05	
72	0.001181	0.000286	0.006171
0.000716	0.001257	7.72E-05	
73	0.001149	0.000282	0.007755
0.000798	0.000916	7.82E-05	
74	0.001131	0.000275	0.008927
0.000814	0.000605	8.38E-05	
75	0.001122	0.000284	0.009582
0.000771	0.000404	9.34E-05	
76	0.001122	0.000292	0.009592
0.000674	0.000395	0.000109	
77	0.001135	0.000297	0.008745
0.000533	0.000562	0.000126	
78	0.001238	0.000300	0.006844
0.000373	0.000779	0.000139	
79	0.001372	0.000301	0.003813
0.000194	0.000995	0.000141	
80	0.001509	0.000305	3.67E-05
8.38E-05	0.001200	0.000132	
81	0.001633	0.000310	0.005188
0.000191	0.001325	0.000119	
82	0.001742	0.000314	0.009707
0.000360	0.001322	0.000108	
83	0.001831	0.000315	0.013194
0.000503	0.001181	9.55E-05	
84	0.001896	0.000312	0.015427
0.000598	0.000918	8.77E-05	
85	0.001932	0.000304	0.016396
0.000651	0.000709	8.85E-05	
86	0.001938	0.000301	0.016397
0.000651	0.000622	9.80E-05	
87	0.001913	0.000305	0.015429
0.000597	0.000695	0.000110	
88	0.001855	0.000308	0.013197
0.000502	0.000889	0.000120	
89	0.001766	0.000306	0.009710
0.000358	0.001092	0.000120	
90	0.001649	0.000306	0.005189
0.000190	0.001278	0.000112	
91	0.001508	0.000303	3.70E-05
8.38E-05	0.001473	9.80E-05	
92	0.001348	0.000304	0.003813
0.000193	0.001604	8.41E-05	
93	0.001782	0.000304	0.006845
0.000372	0.001572	7.15E-05	
94	0.001036	0.000298	0.008746
0.000532	0.001364	6.09E-05	
95	0.000930	0.000288	0.009594
0.000673	0.001035	5.71E-05	
96	0.000883	0.000274	0.009584
0.000770	0.000760	5.95E-05	
97	0.000884	0.000259	0.008929
0.000814	0.000607	6.75E-05	
98	0.000931	0.000261	0.007756
0.000798	0.000597	8.67E-05	
99	0.001024	0.000263	0.006172
0.000715	0.000643	0.000110	
100	0.001156	0.000270	0.004264
0.000564	0.000715	0.000137	
101	0.001330	0.000287	0.002082
0.000309	0.000881	0.000158	
102	0.001508	0.000310	3.71E-05
0.000215	0.000549	0.000217	
103	0.000975	0.000595	.000000
0.000162	0.001723	1.07E-05	
104	0.002629	0.001200	.000000
0.000190	0.000935	7.75E-06	
105	1.03E-05	0.000563	.000000
0.000276	0.001178	5.80E-06	
106	0.003538	0.000141	.000000
0.000296	0.000413	1.35E-05	
107	0.001050	1.91E-05	.000000
0.000108	0.001756	1.61E-05	
108	0.002913	1.02E-07	.000000
6.12E-05	0.000928	1.31E-05	
109	.000000	.000000	.000000
6.93E-05	0.001205	1.23E-05	
110	0.003617	6.47E-05	.000000
0.000116	0.000477	1.25E-05	

COMB DESIGN ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.001187	-0.000139	-4.98E-07
-4.83E-05	-0.000469	-1.42E-05	
2	-0.001137	-0.000102	-0.007500
-0.000159	-0.000456	-1.20E-05	
3	-0.001113	-6.45E-05	-0.014818
-0.000300	-0.000413	-1.09E-05	
4	-0.001119	-4.55E-05	-0.020360
-0.000410	-0.000353	-1.35E-05	
5	-0.001124	-6.14E-05	-0.024062
-0.000476	-0.000284	-1.62E-05	
6	-0.001114	-7.07E-05	-0.025759
-0.000505	-0.000263	-1.83E-05	

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TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
7	-0.001086	-7.10E-05	-0.025364
-0.000497	-0.000425	-1.93E-05	
8	-0.001041	-6.26E-05	-0.022943
-0.000450	-0.000710	-1.93E-05	
9	-0.000998	-5.98E-05	-0.018586
-0.000366	-0.001057	-1.79E-05	
10	-0.001016	-5.73E-05	-0.012749
-0.000252	-0.001277	-1.54E-05	
11	-0.001088	-6.36E-05	-0.006250
-0.000137	-0.001312	-1.31E-05	
12	-0.001187	-6.77E-05	-1.14E-06
-6.73E-05	-0.001184	-1.06E-05	
13	-0.001305	-6.21E-05	-0.004879
-0.000107	-0.000996	-8.92E-06	
14	-0.001432	-5.37E-05	-0.010034
-0.000211	-0.000803	-1.01E-05	
15	-0.001551	-4.42E-05	-0.014806
-0.000316	-0.000597	-1.30E-05	
16	-0.001645	-5.35E-05	-0.018431
-0.000394	-0.000386	-1.61E-05	
17	-0.001699	-6.35E-05	-0.020376
-0.000431	-0.000288	-1.85E-05	
18	-0.001704	-6.65E-05	-0.020377
-0.000431	-0.000372	-2.00E-05	
19	-0.001658	-6.00E-05	-0.018434
-0.000393	-0.000594	-2.02E-05	
20	-0.001566	-4.68E-05	-0.014809
-0.000316	-0.000876	-1.91E-05	
21	-0.001444	-4.18E-05	-0.010035
-0.000211	-0.001024	-1.69E-05	
22	-0.001312	-5.40E-05	-0.004879
-0.000107	-0.001030	-1.43E-05	
23	-0.001186	-6.44E-05	-1.14E-06
-6.74E-05	-0.000909	-1.14E-05	
24	-0.001082	-6.78E-05	-0.006250
-0.000137	-0.000710	-9.48E-06	
25	-0.001004	-6.43E-05	-0.012749
-0.000251	-0.000485	-1.04E-05	
26	-0.000956	-6.65E-05	-0.018587
-0.000365	-0.000263	-1.40E-05	
27	-0.000935	-6.93E-05	-0.022943
-0.000449	-7.53E-05	-1.78E-05	
28	-0.000936	-7.98E-05	-0.025364
-0.000496	-6.37E-05	-2.09E-05	
29	-0.000953	-7.96E-05	-0.025759
-0.000505	-0.000255	-2.34E-05	
30	-0.000983	-6.65E-05	-0.024063
-0.000476	-0.000577	-2.50E-05	
31	-0.001023	-4.16E-05	-0.020361
-0.000409	-0.000940	-2.57E-05	
32	-0.001071	-3.71E-05	-0.014819
-0.000300	-0.001305	-2.51E-05	
33	-0.001126	-6.67E-05	-0.007500
-0.000159	-0.001604	-2.28E-05	
34	-0.001179	-0.000102	-4.98E-07
-4.82E-05	-0.001705	-1.99E-05	
35	-0.001203	-0.000166	-5.13E-07
-0.000248	-0.000480	-1.11E-05	
36	-0.001152	-0.000195	-0.007712
-0.000355	-0.000466	-1.40E-05	
37	-0.001129	-0.000222	-0.015234
-0.000481	-0.000420	-1.62E-05	
38	-0.001135	-0.000238	-0.020925
-0.000591	-0.000358	-1.68E-05	
39	-0.001141	-0.000242	-0.024721
-0.000661	-0.000290	-1.59E-05	
40	-0.001131	-0.000233	-0.026456
-0.000692	-0.000276	-1.41E-05	
41	-0.001102	-0.000212	-0.026040
-0.000683	-0.000429	-1.14E-05	
42	-0.001056	-0.000181	-0.023546
-0.000643	-0.000727	-8.01E-06	
43	-0.001011	-0.000141	-0.019068
-0.000565	-0.001079	-5.01E-06	
44	-0.001029	-0.000107	-0.013075
-0.000453	-0.001302	-3.33E-06	
45	-0.001103	-8.53E-05	-0.006409
-0.000336	-0.001336	-4.77E-06	
46	-0.001203	-7.95E-05	-1.14E-06
-0.000257	-0.001204	-7.64E-06	
47	-0.001324	-9.03E-05	-0.004987
-0.000321	-0.001013	-1.05E-05	
48	-0.001453	-0.000108	-0.010257
-0.000425	-0.000817	-1.27E-05	
49	-0.001575	-0.000133	-0.015135
-0.000527	-0.000607	-1.47E-05	
50	-0.001671	-0.000154	-0.018841
-0.000603	-0.000393	-1.57E-05	
51	-0.001726	-0.000164	-0.020829
-0.000640	-0.000294	-1.52E-05	
52	-0.001731	-0.000162	-0.020829
-0.000639	-0.000379	-1.36E-05	
53	-0.001685	-0.000149	-0.018843
-0.000602	-0.000604	-1.09E-05	
54	-0.001592	-0.000125	-0.015137
-0.000526	-0.000891	-7.69E-06	
55	-0.001468	-0.000100	-0.010257
-0.000425	-0.001042	-5.39E-06	
56	-0.001334	-8.28E-05	-0.004987
-0.000321	-0.001049	-6.68E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
57	-0.001206	-7.95E-05	-1.14E-06
-0.000257	-0.000928	-9.38E-06	
58	-0.001100	-9.34E-05	-0.006408
-0.000336	-0.000726	-1.26E-05	
59	-0.001021	-0.000121	-0.013075
-0.000452	-0.000499	-1.55E-05	
60	-0.000972	-0.000155	-0.019068
-0.000565	-0.000268	-1.79E-05	
61	-0.000950	-0.000188	-0.023547
-0.000642	-7.68E-05	-1.96E-05	
62	-0.000951	-0.000211	-0.026041
-0.000683	-5.66E-05	-1.97E-05	
63	-0.000968	-0.000221	-0.026458
-0.000691	-0.000258	-1.87E-05	
64	-0.000998	-0.000218	-0.024723
-0.000660	-0.000589	-1.68E-05	
65	-0.001039	-0.000201	-0.020927
-0.000591	-0.000959	-1.39E-05	
66	-0.001088	-0.000174	-0.015237
-0.000481	-0.001335	-1.01E-05	
67	-0.001145	-0.000142	-0.007714
-0.000355	-0.001648	-7.37E-06	
68	-0.001199	-0.000115	-5.13E-07
-0.000248	-0.001755	-8.76E-06	
69	-0.001162	-0.000153	-0.000627
-9.47E-05	-0.000550	-0.000216	
70	-0.001112	-0.000147	-0.007741
-0.000208	-0.000881	-0.000158	
71	-0.001087	-0.000139	-0.014915
-0.000449	-0.000714	-0.000139	
72	-0.001091	-0.000129	-0.020397
-0.000602	-0.000643	-0.000117	
73	-0.001095	-0.000118	-0.024115
-0.000691	-0.000596	-9.76E-05	
74	-0.001085	-0.000106	-0.025835
-0.000722	-0.000607	-8.07E-05	
75	-0.001057	-9.38E-05	-0.025438
-0.000698	-0.000760	-6.97E-05	
76	-0.001012	-8.24E-05	-0.023011
-0.000625	-0.001035	-6.78E-05	
77	-0.000962	-7.18E-05	-0.018672
-0.000520	-0.001364	-7.35E-05	
78	-0.000994	-6.84E-05	-0.012922
-0.000373	-0.001572	-8.40E-05	
79	-0.001067	-7.02E-05	-0.006508
-0.000197	-0.001604	-9.60E-05	
80	-0.001166	-7.26E-05	-0.000610
-8.72E-05	-0.001473	-0.000109	
81	-0.001285	-7.48E-05	-0.005128
-0.000201	-0.001278	-0.000118	
82	-0.001411	-7.58E-05	-0.010198
-0.000348	-0.001092	-0.000121	
83	-0.001528	-7.55E-05	-0.014892
-0.000487	-0.000889	-0.000115	
84	-0.001621	-7.35E-05	-0.018516
-0.000579	-0.000695	-0.000105	
85	-0.001675	-7.06E-05	-0.020470
-0.000625	-0.000622	-9.63E-05	
86	-0.001683	-6.67E-05	-0.020470
-0.000625	-0.000708	-9.12E-05	
87	-0.001636	-6.36E-05	-0.018518
-0.000579	-0.000918	-9.09E-05	
88	-0.001543	-6.14E-05	-0.014895
-0.000486	-0.001181	-9.72E-05	
89	-0.001423	-6.20E-05	-0.010200
-0.000347	-0.001322	-0.000105	
90	-0.001292	-6.57E-05	-0.005129

-0.000200	-0.001325	-0.000111	
91	-0.001166	-7.09E-05	-0.000610
-8.71E-05	-0.001200	-0.000119	
92	-0.001061	-7.65E-05	-0.006507
-0.000196	-0.000995	-0.000127	
93	-0.000983	-8.15E-05	-0.012924
-0.000371	-0.000779	-0.000125	
94	-0.000934	-8.79E-05	-0.018673
-0.000519	-0.000562	-0.000112	
95	-0.000912	-9.66E-05	-0.023013
-0.000624	-0.000394	-9.29E-05	
96	-0.000912	-0.000102	-0.025440
-0.000697	-0.000404	-7.90E-05	
97	-0.000928	-0.000102	-0.025837
-0.000721	-0.000605	-7.06E-05	
98	-0.000958	-0.000102	-0.024116
-0.000690	-0.000916	-6.77E-05	
99	-0.000999	-0.000100	-0.020400
-0.000601	-0.001257	-6.98E-05	
100	-0.001047	-0.000101	-0.014916
-0.000449	-0.001614	-7.41E-05	
101	-0.001103	-0.000103	-0.007743
-0.000208	-0.001941	-8.25E-05	
102	-0.001156	-0.000107	-0.000627
-9.46E-05	-0.002538	-7.83E-05	
103	-0.001975	-0.000253	.000000
-9.54E-05	-0.000474	-1.42E-05	
104	-0.002257	-0.000553	.000000
-2.78E-05	-0.001152	-1.06E-05	
105	-8.98E-07	-4.91E-05	.000000
-7.26E-05	-0.000909	-1.14E-05	
106	-0.001729	-0.000178	.000000
-0.000494	-0.001622	-1.99E-05	

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
107	-0.002023	-3.68E-05	.000000
-0.000249	-0.000484	-1.11E-05	
108	-0.002369	-8.27E-08	.000000
-0.000257	-0.001204	-7.64E-06	
109	.000000	.000000	.000000
-0.000268	-0.000922	-9.38E-06	
110	-0.001774	-0.000132	.000000
-0.000324	-0.001744	-8.76E-06	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DB-G1-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	500.297067
.000000	.000000	.000000	
104	.000000	.000000	536.925925
.000000	.000000	.000000	
105	6.511940	.000000	536.927062
.000000	.000000	.000000	
106	.000000	.000000	500.294410
.000000	.000000	.000000	
107	.000000	0.455104	13.058550
.000000	.000000	.000000	
108	.000000	0.834952	34.378504
.000000	.000000	.000000	
109	6.461235	0.760982	34.395716
.000000	.000000	.000000	
110	.000000	0.366958	13.101194
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-31.277825
.000000	.000000	.000000	
104	.000000	.000000	-57.132443
.000000	.000000	.000000	
105	-6.478539	.000000	-57.145706
.000000	.000000	.000000	
106	.000000	.000000	-31.119346
.000000	.000000	.000000	
107	.000000	-0.339073	-16.480328
.000000	.000000	.000000	
108	.000000	-0.608243	-33.379674
.000000	.000000	.000000	
109	-6.494550	-0.705496	-33.387165
.000000	.000000	.000000	
110	.000000	-0.598924	-16.616458
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	763.588976
.000000	.000000	.000000	
104	.000000	.000000	821.860212
.000000	.000000	.000000	
105	8.007243	.000000	821.848516
.000000	.000000	.000000	
106	.000000	.000000	763.558692
.000000	.000000	.000000	
107	.000000	1.130302	177.882804
.000000	.000000	.000000	
108	.000000	3.481881	226.819127
.000000	.000000	.000000	
109	7.977754	3.357249	226.850853
.000000	.000000	.000000	
110	.000000	0.953238	177.930378
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-52.420705
.000000	.000000	.000000	
104	.000000	.000000	-99.697496
.000000	.000000	.000000	
105	-7.999126	.000000	-99.699946
.000000	.000000	.000000	
106	.000000	.000000	-52.235935
.000000	.000000	.000000	
107	.000000	-1.357483	-37.232393
.000000	.000000	.000000	
108	.000000	-2.808715	-71.193916
.000000	.000000	.000000	
109	-7.985857	-2.976331	-71.217140
.000000	.000000	.000000	
110	.000000	-1.673619	-37.402817
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DB-G1-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	743.930243
.000000	.000000	.000000	
104	.000000	.000000	818.504448
.000000	.000000	.000000	
105	11.400542	.000000	818.557166
.000000	.000000	.000000	
106	.000000	.000000	743.915772
.000000	.000000	.000000	
107	.000000	1.481411	519.620049
.000000	.000000	.000000	
108	.000000	4.719066	587.846555
.000000	.000000	.000000	
109	11.431317	4.644530	587.857211
.000000	.000000	.000000	
110	.000000	1.243900	519.652498
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-60.159664
.000000	.000000	.000000	
104	.000000	.000000	-121.151093
.000000	.000000	.000000	
105	-11.461940	.000000	-121.144969
.000000	.000000	.000000	
106	.000000	.000000	-60.095148
.000000	.000000	.000000	
107	.000000	-1.832547	-60.604121
.000000	.000000	.000000	
108	.000000	-3.912913	-109.191635
.000000	.000000	.000000	
109	-11.370094	-4.037117	-109.235292
.000000	.000000	.000000	
110	.000000	-2.205335	-60.674414
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	11.945290
.000000	.000000	.000000	
104	.000000	.000000	35.658974
.000000	.000000	.000000	
105	6.812220	.000000	35.683922
.000000	.000000	.000000	
106	.000000	.000000	12.003022
.000000	.000000	.000000	
107	.000000	0.298247	503.319553
.000000	.000000	.000000	
108	.000000	0.769890	536.799612
.000000	.000000	.000000	
109	6.981023	0.911971	536.775249
.000000	.000000	.000000	
110	.000000	0.720870	503.277900
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-20.115790
.000000	.000000	.000000	
104	.000000	.000000	-34.697324
.000000	.000000	.000000	
105	-6.999716	.000000	-34.694583
.000000	.000000	.000000	
106	.000000	.000000	-19.963341
.000000	.000000	.000000	
107	.000000	-0.520247	-35.025912
.000000	.000000	.000000	
108	.000000	-0.536709	-57.347266
.000000	.000000	.000000	
109	-6.794024	-0.975309	-57.369475
.000000	.000000	.000000	
110	.000000	-0.649004	-34.878225
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DB-G2-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	170.879902
.000000	.000000	.000000	
104	.000000	.000000	228.898587
.000000	.000000	.000000	
105	8.405131	.000000	228.946047
.000000	.000000	.000000	
106	.000000	.000000	170.901828
.000000	.000000	.000000	
107	.000000	0.996890	769.230968
.000000	.000000	.000000	
108	.000000	3.108962	821.213226
.000000	.000000	.000000	
109	8.583634	3.379144	821.182269
.000000	.000000	.000000	
110	.000000	1.318222	769.210777
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-31.134008
.000000	.000000	.000000	
104	.000000	.000000	-73.163956
.000000	.000000	.000000	
105	-8.606626	.000000	-73.145934
.000000	.000000	.000000	
106	.000000	.000000	-31.331878
.000000	.000000	.000000	
107	.000000	-1.464763	-59.208590
.000000	.000000	.000000	
108	.000000	-2.592126	-99.510598
.000000	.000000	.000000	
109	-8.382676	-2.975572	-99.554918
.000000	.000000	.000000	
110	.000000	-1.670113	-59.045449
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	510.680534
.000000	.000000	.000000	
104	.000000	.000000	589.965271
.000000	.000000	.000000	
105	11.496870	.000000	590.000977
.000000	.000000	.000000	
106	.000000	.000000	510.696976
.000000	.000000	.000000	
107	.000000	1.320492	751.460308
.000000	.000000	.000000	
108	.000000	3.982908	816.829491
.000000	.000000	.000000	
109	11.673398	4.149606	816.829377
.000000	.000000	.000000	
110	.000000	1.509118	751.446259
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-52.114526
.000000	.000000	.000000	
104	.000000	.000000	-111.003187
.000000	.000000	.000000	
105	-11.704667	.000000	-110.989416
.000000	.000000	.000000	
106	.000000	.000000	-52.193346
.000000	.000000	.000000	
107	.000000	-1.779397	-68.952936
.000000	.000000	.000000	
108	.000000	-3.254196	-120.060378
.000000	.000000	.000000	
109	-11.466162	-3.701204	-120.109259
.000000	.000000	.000000	
110	.000000	-2.124921	-68.892342
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DL-G1-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	572.926094
.000000	.000000	.000000	
104	.000000	.000000	1197.490
.000000	.000000	.000000	
105	9.084365	.000000	1197.602
.000000	.000000	.000000	
106	.000000	.000000	572.728187
.000000	.000000	.000000	
107	.000000	0.605638	17.440665
.000000	.000000	.000000	
108	.000000	1.189477	55.504504
.000000	.000000	.000000	
109	8.246418	1.009188	55.457433
.000000	.000000	.000000	
110	.000000	0.784497	17.501345
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-42.763090
.000000	.000000	.000000	
104	.000000	.000000	-81.144425
.000000	.000000	.000000	
105	-8.268504	.000000	-81.156784
.000000	.000000	.000000	
106	.000000	.000000	-42.517453
.000000	.000000	.000000	
107	.000000	-0.713966	-30.757381
.000000	.000000	.000000	
108	.000000	-0.844404	-50.081051
.000000	.000000	.000000	
109	-9.060102	-1.178448	-50.135082
.000000	.000000	.000000	
110	.000000	-0.791547	-30.822174
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	871.086218
.000000	.000000	.000000	
104	.000000	.000000	1844.776
.000000	.000000	.000000	
105	10.901286	.000000	1844.910
.000000	.000000	.000000	
106	.000000	.000000	870.859880
.000000	.000000	.000000	
107	.000000	1.578688	217.259848
.000000	.000000	.000000	
108	.000000	4.747758	503.877861
.000000	.000000	.000000	
109	10.044022	4.518856	503.757814
.000000	.000000	.000000	
110	.000000	1.786252	217.406446
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-71.899576
.000000	.000000	.000000	
104	.000000	.000000	-141.623918
.000000	.000000	.000000	
105	-10.070927	.000000	-141.618042
.000000	.000000	.000000	
106	.000000	.000000	-71.657734
.000000	.000000	.000000	
107	.000000	-2.016625	-51.312436
.000000	.000000	.000000	
108	.000000	-3.976819	-99.254822
.000000	.000000	.000000	
109	-10.872164	-4.390363	-99.282791
.000000	.000000	.000000	
110	.000000	-2.145130	-51.484385
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DL-G1-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	845.950169
.000000	.000000	.000000	
104	.000000	.000000	1840.959
.000000	.000000	.000000	
105	15.124813	.000000	1841.073
.000000	.000000	.000000	
106	.000000	.000000	845.899922
.000000	.000000	.000000	
107	.000000	2.100430	611.167536
.000000	.000000	.000000	
108	.000000	6.245562	1307.688
.000000	.000000	.000000	
109	14.981908	6.275404	1307.616
.000000	.000000	.000000	
110	.000000	2.310291	611.172473
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-81.676226
.000000	.000000	.000000	
104	.000000	.000000	-170.557440
.000000	.000000	.000000	
105	-15.022039	.000000	-170.531456
.000000	.000000	.000000	
106	.000000	.000000	-81.610739
.000000	.000000	.000000	
107	.000000	-2.676504	-83.510334
.000000	.000000	.000000	
108	.000000	-5.416333	-153.457413
.000000	.000000	.000000	
109	-15.084411	-5.748089	-153.512675
.000000	.000000	.000000	
110	.000000	-2.966607	-83.560503
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	15.765603
.000000	.000000	.000000	
104	.000000	.000000	59.292170
.000000	.000000	.000000	
105	8.804549	.000000	59.285856
.000000	.000000	.000000	
106	.000000	.000000	15.848683
.000000	.000000	.000000	
107	.000000	0.602387	587.318574
.000000	.000000	.000000	
108	.000000	1.054074	1201.796
.000000	.000000	.000000	
109	9.902607	1.591344	1201.850
.000000	.000000	.000000	
110	.000000	0.927486	587.103280
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-40.322432
.000000	.000000	.000000	
104	.000000	.000000	-51.796057
.000000	.000000	.000000	
105	-9.929127	.000000	-51.819723
.000000	.000000	.000000	
106	.000000	.000000	-40.264473
.000000	.000000	.000000	
107	.000000	0.686562	-48.150775
.000000	.000000	.000000	
108	.000000	-1.060340	-81.819014
.000000	.000000	.000000	
109	-8.781031	-1.265498	-81.843586
.000000	.000000	.000000	
110	.000000	-1.153293	-47.942105
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DL-G2-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	199.033886
.000000	.000000	.000000	
104	.000000	.000000	511.414770
.000000	.000000	.000000	
105	10.611581	.000000	511.378664
.000000	.000000	.000000	
106	.000000	.000000	199.159867
.000000	.000000	.000000	
107	.000000	1.588333	897.281671
.000000	.000000	.000000	
108	.000000	4.248692	1847.772
.000000	.000000	.000000	
109	11.956515	4.932899	1847.834
.000000	.000000	.000000	
110	.000000	1.889232	897.040148
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-50.240927
.000000	.000000	.000000	
104	.000000	.000000	-102.281866
.000000	.000000	.000000	
105	-11.988542	.000000	-102.242063
.000000	.000000	.000000	
106	.000000	.000000	-50.361275
.000000	.000000	.000000	
107	.000000	-1.957140	-81.461975
.000000	.000000	.000000	
108	.000000	-3.934866	-141.780454
.000000	.000000	.000000	
109	-10.583232	-4.150716	-141.838355
.000000	.000000	.000000	
110	.000000	-2.512504	-81.257546
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	583.098409
.000000	.000000	.000000	
104	.000000	.000000	1312.305
.000000	.000000	.000000	
105	14.950670	.000000	1312.342
.000000	.000000	.000000	
106	.000000	.000000	583.077221
.000000	.000000	.000000	
107	.000000	1.978651	879.929448
.000000	.000000	.000000	

```
    108      .000000      5.650078      1839.676
.000000      .000000      .000000
    109     15.747503      6.134229      1839.672
.000000      .000000      .000000
    110      .000000      2.346568      879.827335
.000000      .000000      .000000

 COMB DL-G2-3 ---------- MIN

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     -78.495896
.000000      .000000      .000000
    104      .000000      .000000    -155.983908
.000000      .000000      .000000
    105    -15.789684      .000000    -155.947722
.000000      .000000      .000000
    106      .000000      .000000     -78.458658
.000000      .000000      .000000
    107      .000000     -2.480561     -93.908741
.000000      .000000      .000000
    108      .000000     -5.036944    -169.250881
.000000      .000000      .000000
    109    -14.910732     -5.442101    -169.311949
.000000      .000000      .000000
    110      .000000     -3.043374     -93.851266
.000000      .000000      .000000
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 R E S T R A I N T   F O R C E S   ( R E A C T
 I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS, IN
 LOCAL COORDINATES

 COMB      DB ---------- MAX

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     763.588976
.000000      .000000      .000000
    104      .000000      .000000     821.860212
.000000      .000000      .000000
    105     11.496870      .000000     821.848516
.000000      .000000      .000000
    106      .000000      .000000     763.558692
.000000      .000000      .000000
    107      .000000     1.481411     769.230968
.000000      .000000      .000000
    108      .000000     4.719066     821.213226
.000000      .000000      .000000
    109     11.673398     4.644530     821.182269
.000000      .000000      .000000
    110      .000000     1.509118     769.210777
.000000      .000000      .000000

 COMB      DB ---------- MIN

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     -60.159664
.000000      .000000      .000000
    104      .000000      .000000    -121.151093
.000000      .000000      .000000
    105    -11.704667      .000000    -121.144969
.000000      .000000      .000000
    106      .000000      .000000     -60.095148
.000000      .000000      .000000
    107      .000000     -1.832547     -68.952936
.000000      .000000      .000000
    108      .000000     -3.912913    -120.060378
.000000      .000000      .000000
    109    -11.466162     -4.037117    -120.109259
.000000      .000000      .000000
    110      .000000     -2.205335     -68.892342
.000000      .000000      .000000

 COMB      DL ---------- MAX

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     871.086218
.000000      .000000      .000000
    104      .000000      .000000     1844.776
.000000      .000000      .000000
    105     15.124813      .000000     1844.910
.000000      .000000      .000000
    106      .000000      .000000     870.859880
.000000      .000000      .000000
    107      .000000     2.100430     897.281671
.000000      .000000      .000000
    108      .000000     6.245562     1847.772
.000000      .000000      .000000
    109     15.747503     6.275404     1847.834
.000000      .000000      .000000
    110      .000000     2.346568     897.040148
.000000      .000000      .000000

 COMB      DL ---------- MIN

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     -81.676226
.000000      .000000      .000000
    104      .000000      .000000    -170.557440
.000000      .000000      .000000
    105    -15.789684      .000000    -170.531456
.000000      .000000      .000000
    106      .000000      .000000     -81.610739
.000000      .000000      .000000
    107      .000000     -2.676504     -93.908741
.000000      .000000      .000000
    108      .000000     -5.416333    -169.250881
.000000      .000000      .000000
    109    -15.084411     -5.748089    -169.311949
.000000      .000000      .000000
    110      .000000     -3.043374     -93.851266
.000000      .000000      .000000
 Program    SAP2000    Nonlinear    Version    7.42
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 R E S T R A I N T   F O R C E S   ( R E A C T
 I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS, IN
 LOCAL COORDINATES

 COMB      CAR ---------- MAX

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     871.086218
.000000      .000000      .000000
    104      .000000      .000000     1844.776
.000000      .000000      .000000
    105     15.124813      .000000     1844.910
.000000      .000000      .000000
    106      .000000      .000000     870.859880
.000000      .000000      .000000
    107      .000000     2.100430     897.281671
.000000      .000000      .000000
    108      .000000     6.245562     1847.772
.000000      .000000      .000000
    109     15.747503     6.275404     1847.834
.000000      .000000      .000000
    110      .000000     2.346568     897.040148
.000000      .000000      .000000

 COMB      CAR ---------- MIN

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     -81.676226
.000000      .000000      .000000
    104      .000000      .000000    -170.557440
.000000      .000000      .000000
    105    -15.789684      .000000    -170.531456
.000000      .000000      .000000
    106      .000000      .000000     -81.610739
.000000      .000000      .000000
    107      .000000     -2.676504     -93.908741
.000000      .000000      .000000
    108      .000000     -5.416333    -169.250881
.000000      .000000      .000000
    109    -15.084411     -5.748089    -169.311949
.000000      .000000      .000000
    110      .000000     -3.043374     -93.851266
.000000      .000000      .000000

 COMB    DESIGN ---------- MAX

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     871.086218
.000000      .000000      .000000
    104      .000000      .000000     1844.776
.000000      .000000      .000000
    105     15.124813      .000000     1844.910
.000000      .000000      .000000
    106      .000000      .000000     870.859880
.000000      .000000      .000000
    107      .000000     2.100430     897.281671
.000000      .000000      .000000
    108      .000000     6.245562     1847.772
.000000      .000000      .000000
    109     15.747503     6.275404     1847.834
.000000      .000000      .000000
    110      .000000     2.346568     897.040148
.000000      .000000      .000000

 COMB    DESIGN ---------- MIN

  JOINT          F1            F2            F3
   M1            M2            M3
    103      .000000      .000000     -81.676226
.000000      .000000      .000000
    104      .000000      .000000    -170.557440
.000000      .000000      .000000
    105    -15.789684      .000000    -170.531456
.000000      .000000      .000000
    106      .000000      .000000     -81.610739
.000000      .000000      .000000
    107      .000000     -2.676504     -93.908741
.000000      .000000      .000000
    108      .000000     -5.416333    -169.250881
.000000      .000000      .000000
    109    -15.084411     -5.748089    -169.311949
.000000      .000000      .000000
    110      .000000     -3.043374     -93.851266
.000000      .000000      .000000
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 ELEM        1 ========== LENGTH =
 4.470847

 COMB DB-G1-1 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     12.028007     24.656020      6.675537
 34.134180     10.591967      0.069240
  0.25000     11.362235     24.657553      6.675537
 34.134180      7.372254    484.313854
  0.50000     10.719811     25.530235      6.675537
 34.134180      6.266325    911.522072
  0.75000     10.107842     37.994082      6.675537
 34.134180      5.721699     1285.773
  1.00000      9.530658     52.331907      6.675537
 34.134180      5.399552     1612.141

 COMB DB-G1-1 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -0.785582   -460.352090     -0.123612
-438.802197     -0.684926     -0.703354
  0.25000     -0.785718   -433.618998     -0.123612
-438.802197     -0.669636    -27.498390
  0.50000     -0.785718   -407.948386     -0.123612
-438.802197     -6.267248    -55.062966
  0.75000     -0.939387   -383.595797     -0.123612
-438.802197    -13.453313    -82.625271
  1.00000     -1.294765   -360.710556     -0.123612
-438.802197    -21.333378   -110.187577

 COMB DB-G1-2 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     18.731564     45.471833      8.544693
 164.130241     14.565696      0.250413
  0.25000     17.858431     45.473783      8.544693
 159.640106     10.806668    761.125611
  0.50000     17.021947     50.384000      8.544693
 159.640106      9.297760     1447.531
  0.75000     16.224963     67.052805      8.544693
 159.640106      8.359401     2064.957
  1.00000     15.472409     88.378483      8.544693
 159.640106      7.698925     2619.891

 COMB DB-G1-2 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -1.386048   -716.092966     -0.455696
-597.612660     -4.438409     -0.950856
  0.25000     -1.386190   -681.050348     -0.455696
-597.612660     -5.687178    -50.750853
  0.50000     -1.386190   -647.628443     -0.455696
-597.612660    -13.039137   -101.583233
  0.75000     -1.717388   -615.912794     -0.455696
-597.612660    -21.806505   -152.412711
  1.00000     -2.254851   -586.070208     -0.455696
-597.612660    -30.946211   -203.242189

 COMB DB-G1-3 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     19.713493     59.258616      7.872862
 457.885940     14.251163      0.674781
  0.25000     18.938307     59.260349      7.872862
 457.117164     10.740564    802.824112
  0.50000     18.195402     63.459193      7.872862
 457.117164     11.917772     1538.850      7.872862
  0.75000     17.487585     78.244333      7.872862
 457.117164     15.521348     2213.614
  1.00000     16.819264     97.070178      7.872862
 457.117164     19.634890     2832.884

 COMB DB-G1-3 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -1.724756   -749.069125     -4.803346
-580.016823    -12.533331     -0.917168
  0.25000     -1.724882   -717.956851     -4.803346
-580.016823    -11.406429    -66.200853
  0.50000     -1.724882   -688.273788     -4.803346
-580.016823    -17.084766   -132.441994
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 REL DIST          P            V2            V3
     T             M2            M3
  0.75000     -2.013400   -660.106524     -4.803346
-580.016823    -24.402503   -198.680556
  1.00000     -2.487528   -633.604392     -4.803346
-580.016823    -32.189444   -264.919118

 COMB DB-G2-1 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000      2.952694     21.519206      0.117574
 461.323400      1.135922      0.667378
  0.25000      2.942970     21.522048      0.117574
 460.282244      1.101667    119.461825
  0.50000      2.933916     21.726891      0.117574
 459.333555      6.040401    237.449396
  0.75000      2.925280     21.925408      0.117574
 458.445824     13.540885    354.688705
  1.00000      2.917112     22.265116      0.117574
 457.791062     21.255689    471.247698

 COMB DB-G2-1 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -0.544669   -106.675886     -7.003626
 -42.331815    -12.583810     -0.062432
  0.25000     -0.544669   -106.286311     -7.003626
 -43.180087     -9.266855    -24.108384
  0.50000     -0.548643   -105.924711     -7.003626
 -43.955070     -7.923169    -48.160681
  0.75000     -0.553621   -105.580990     -7.003626
 -44.670992     -7.141744    -72.212977
  1.00000     -0.562501   -105.256936     -7.003626
 -46.563127     -6.617518    -96.265274

 COMB DB-G2-2 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000      7.443855     41.749169      0.691512
 673.487952      4.154068      0.969134
  0.25000      7.443494     41.749286      0.691512
 673.449355      3.788071    309.174469
  0.50000      7.443159     41.756876      0.691512
 673.414186      8.959583    617.354082
  0.75000      7.442839     41.764231      0.691512
 673.381275     17.404949    925.505977
  1.00000      7.442536     41.776825      0.691512
 673.356843     26.225182     1233.633

 COMB DB-G2-2 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -1.102146   -275.764995     -8.672832
-155.822148    -18.445721     -0.230135
  0.25000     -1.102146   -275.750562     -8.672832
-155.853597    -14.676821    -46.726857
  0.50000     -1.102293   -275.737167     -8.672832
-155.882329    -13.235471    -93.390391
  0.75000     -1.102478   -275.724435     -8.672832
-155.908873    -12.489202   -140.053925
  1.00000     -1.102807   -275.712431     -8.672832
-155.979274    -12.126290   -186.717459

 COMB DB-G2-3 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     16.079568     57.851836      4.922551
 726.409373      9.214066      1.050805
  0.25000     15.517435     57.853021      4.922551
 694.662077      7.555519    655.141932
  0.50000     14.986274     65.280903      4.922551
 665.476814     11.799292     1261.841
  0.75000     14.479873     76.370879      4.922551
 637.702306     19.187242     1824.689
  1.00000     14.001445     92.949928      4.922551
 636.617768     26.992028     2347.753

 COMB DB-G2-3 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -1.614613   -607.853600     -7.936920
-373.863776    -19.824141     -0.589927
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 REL DIST          P            V2            V3
     T             M2            M3
  0.25000     -1.614701   -585.311559     -7.936920
-373.863776    -18.034950    -64.681243
  0.50000     -1.697166   -564.092464     -7.936920
-387.392674    -20.037556   -129.347798
  0.75000     -1.974711   -543.939760     -7.936920
-421.029515    -23.480877   -194.012574
  1.00000     -2.401426   -524.963230     -7.936920
-451.157143    -27.536783   -258.677349

 COMB DL-G1-1 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     12.562922     33.912086      6.213501
 42.661064     14.133452      0.095504
  0.25000     11.861107     35.524630      6.213501
 42.956457      8.947149    438.138190
  0.50000     11.185722     47.425538      6.213501
 42.956457      6.641396    841.437855
  0.75000     10.539821     59.935109      6.213501
 42.956457      5.676123     1209.862
  1.00000      9.927843     72.855926      6.213501
 42.956457      5.134722     1544.648

 COMB DL-G1-1 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -1.133096   -467.711071     -0.150602
-579.133885     -1.269033     -0.888655
  0.25000     -1.143718   -440.147558     -0.150602
-576.707976     -1.376175    -34.700995
  0.50000     -1.400726   -413.741145     -0.150602
-573.986674     -5.623670    -69.495210
  0.75000     -1.712136   -388.582383     -0.150602
-571.265372    -11.649817   -104.294302
  1.00000     -2.035327   -364.803941     -0.150602
-568.544050    -18.106250   -139.038700

 COMB DL-G1-2 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     20.117780     62.568564      7.897753
 200.808260     17.877672      0.275640
  0.25000     19.214638     67.147684      7.897753
 179.135114     12.262933    711.301631
  0.50000     18.345804     83.130140      7.897753
 179.118285      9.886813     1377.047
  0.75000     17.516771     99.918890      7.897753
 179.118285      8.830517     1997.521
  1.00000     16.732812    117.276934      7.897753
 179.118285      8.287372     2574.322

 COMB DL-G1-2 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -1.966499   -749.221227     -0.790522
-726.046604     -5.927299     -1.071339
  0.25000     -2.006575   -713.695603     -0.790522
-729.270538     -6.339773    -64.910238
  0.50000     -2.403535   -679.749019     -0.790522
-734.148230    -11.899492   -129.881026
  0.75000     -2.822649   -647.447399     -0.790522
-739.042752    -19.093044   -194.841674
  1.00000     -3.257757   -616.957072     -0.790522
-743.937310    -26.766978   -259.764014

 COMB DL-G1-3 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     21.823832     81.259913      7.392337
 578.904392     17.759940      0.777045
  0.25000     21.019072     85.252973      7.392337
 561.796272     12.581725    782.175405
  0.50000     20.244830     99.471476      7.392337
 561.794164     12.426451     1523.248
  0.75000     19.506004    114.407490      7.392337
 561.794164     15.259659     2223.993
  1.00000     18.807313    129.849727      7.392337
 561.794164     18.923100     2885.834
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 COMB DL-G1-3 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -2.379502   -812.522223     -4.927515
-712.192756    -16.348603     -1.050808
  0.25000     -2.412597   -780.866988     -4.927515
-714.947233    -13.341327    -84.018429
  0.50000     -2.765706   -750.616841     -4.927515
-719.013748    -16.476733   -168.029842
  0.75000     -3.138531   -721.830643     -4.927515
-723.082370    -22.113744   -252.032200
  1.00000     -3.525582   -694.657246     -4.927515
-727.151023    -28.548485   -336.000337

 COMB DL-G2-1 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000      3.819409     29.620800      0.178561
 612.745074      1.611550      0.832401
  0.25000      3.809249     29.783697      0.178561
 611.956021      1.557474    146.166063
  0.50000      3.799555     29.992577      0.178561
 611.231854      5.658598    290.968441
  0.75000      3.790372     30.211750      0.178561
 610.577222     11.789879    435.245680
  1.00000      3.781740     30.439066      0.178561
 609.998660     18.402020    579.020253

 COMB DL-G2-1 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -0.693400   -142.572513     -6.602487
 -55.252160    -16.691314     -0.087666
  0.25000     -0.697191   -142.172568     -6.602487
 -55.987037    -11.254217    -30.931963
  0.50000     -0.702433   -141.792879     -6.602487
 -56.754944     -8.484754    -61.790944
  0.75000     -0.707955   -141.433722     -6.602487
 -57.546906     -7.214621    -92.650032
  1.00000     -0.713690   -141.097843     -6.602487
 -58.353758     -6.471257   -123.510841

 COMB DL-G2-2 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000      9.421498     57.435007      0.764905
 858.938094      4.520016      1.130794
  0.25000      9.421261     57.438867      0.764905
 858.919463      4.275834    356.407880
  0.50000      9.421035     57.443749      0.764905
 858.902357      8.831076    711.684138
  0.75000      9.420822     57.448871      0.764905
 858.886883     15.952629     1066.948
  1.00000      9.420621     57.454183      0.764905
 858.873197     23.756928     1422.200

 COMB DL-G2-2 ---------- MIN

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     -1.443612   -350.578787     -8.442994
-160.199887    -23.832563     -0.208232
  0.25000     -1.443702   -350.569473     -8.442994
-160.217214    -17.405155    -59.117471
  0.50000     -1.443825   -350.560634     -8.442994
-160.235317    -14.142719   -118.050317
  0.75000     -1.443954   -350.552272     -8.442994
-160.253989    -12.724769   -176.983179
  1.00000     -1.444088   -350.544455     -8.442994
-160.273015    -12.045099   -235.916085

 COMB DL-G2-3 ---------- MAX

 REL DIST          P            V2            V3
     T             M2            M3
  0.00000     18.217451     79.383959      4.597954
 905.125054     10.662861      1.190882
  0.25000     17.645511     85.310580      4.597954
 873.263426      8.645579    659.703484
  0.50000     17.097288     96.224761      4.597954
```

844.348760 11.958471 1288.944
0.75000 16.576581 107.678941 4.597954
818.702233 18.010355 1889.101
1.00000 16.085122 119.531801 4.597954
806.526584 24.913243 2461.179

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COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.183379 -679.200966 -7.823306
-422.555720 -25.028387 -0.625077
0.25000 -2.299492 -656.697501 -7.823306
-428.701310 -19.721689 -83.526975
0.50000 -2.571917 -635.262550 -7.823306
-459.992366 -18.977569 -167.045924
0.75000 -2.859226 -614.929618 -7.823306
-493.348061 -21.100419 -250.555984
1.00000 -3.157513 -595.796377 -7.823306
-527.143207 -24.192121 -334.054258

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.713493 59.258616 8.544693
726.409373 14.565696 1.050805
0.25000 18.938307 59.260349 8.544693
694.662077 10.806668 802.824112
0.50000 18.195402 65.280903 8.544693
673.414186 11.917772 1538.850
0.75000 17.487585 78.244333 8.544693
673.381275 19.187242 2213.614
1.00000 16.819264 97.070178 8.544693
673.356843 26.992028 2832.884

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.724756 -749.069125 -8.672832
-597.612660 -19.824141 -0.950856
0.25000 -1.724882 -717.956851 -8.672832
-597.612660 -18.034950 -66.200853
0.50000 -1.724882 -688.273788 -8.672832
-597.612660 -20.037556 -132.441994
0.75000 -2.013400 -660.106524 -8.672832
-597.612660 -24.402503 -198.680556
1.00000 -2.487528 -633.604392 -8.672832
-597.612660 -32.189444 -264.919118

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.823832 81.259913 7.897753
905.125054 17.877672 1.190882
0.25000 21.019072 85.310580 7.897753
873.263426 12.581725 782.175405
0.50000 20.244830 99.471476 7.897753
858.902357 12.426451 1523.248
0.75000 19.506004 114.407490 7.897753
858.886883 18.010355 2223.993
1.00000 18.807313 129.849727 7.897753
858.873197 24.913243 2885.834

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.379502 -812.522223 -8.442994
-726.046604 -25.028387 -1.071339
0.25000 -2.412597 -780.866988 -8.442994
-729.270538 -19.721689 -84.018429
0.50000 -2.765706 -750.616841 -8.442994
-734.148230 -18.977569 -168.029842
0.75000 -3.138531 -721.830643 -8.442994
-739.042752 -22.113744 -252.032200
1.00000 -3.525582 -694.657246 -8.442994
-743.937310 -28.548485 -336.000337

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.823832 81.259913 8.544693
905.125054 17.877672 1.190882
0.25000 21.019072 85.310580 8.544693
873.263426 12.581725 802.824112
0.50000 20.244830 99.471476 8.544693
858.902357 12.426451 1538.850
0.75000 19.506004 114.407490 8.544693
858.886883 19.187242 2223.993
1.00000 18.807313 129.849727 8.544693
858.873197 26.992028 2885.834

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.379502 -812.522223 -8.672832
-726.046604 -25.028387 -1.071339
0.25000 -2.412597 -780.866988 -8.672832
-729.270538 -19.721689 -84.018429
0.50000 -2.765706 -750.616841 -8.672832
-734.148230 -20.037556 -168.029842
0.75000 -3.138531 -721.830643 -8.672832
-739.042752 -24.402503 -252.032200
1.00000 -3.525582 -694.657246 -8.672832
-743.937310 -32.189444 -336.000337

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.823832 81.259913 8.544693
905.125054 17.877672 1.190882
0.25000 21.019072 85.310580 8.544693
873.263426 12.581725 802.824112
0.50000 20.244830 99.471476 8.544693
858.902357 12.426451 1538.850
0.75000 19.506004 114.407490 8.544693
858.886883 19.187242 2223.993
1.00000 18.807313 129.849727 8.544693
858.873197 26.992028 2885.834

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.379502 -812.522223 -8.672832
-726.046604 -25.028387 -1.071339
0.25000 -2.412597 -780.866988 -8.672832
-729.270538 -19.721689 -84.018429
0.50000 -2.765706 -750.616841 -8.672832
-734.148230 -20.037556 -168.029842
0.75000 -3.138531 -721.830643 -8.672832
-739.042752 -24.402503 -252.032200
1.00000 -3.525582 -694.657246 -8.672832
-743.937310 -32.189444 -336.000337

ELEM 2 ========== LENGTH = 4.966847

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.884892 47.206683 6.007217
41.251935 6.007317 1611.195
0.25000 9.287010 71.502970 6.007217
41.251935 5.168098 1934.283
0.50000 8.709224 95.599477 6.007217
41.251935 4.613963 2207.458
0.75000 8.159871 119.269118 6.007217
41.251935 4.239886 2434.877
1.00000 7.643149 144.694307 6.007217
41.251935 3.967097 2621.489

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.103783 -370.913114 -0.173225
-467.043892 -22.688364 -110.066465
0.25000 -1.677699 -346.326359 -0.173225
-467.043892 -29.092488 -138.936526
0.50000 -2.252555 -322.743266 -0.173225
-467.043892 -35.814389 -167.827842
0.75000 -2.821543 -300.463315 -0.173225
-467.043892 -42.628726 -196.719157
1.00000 -3.433487 -279.629553 -0.173225
-467.043892 -49.676012 -225.610472

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.777834 74.456948 7.623505
187.681469 8.872766 2619.040
0.25000 14.985985 106.187196 7.623505
187.681469 7.802909 3116.084
0.50000 14.232271 137.646520 7.623505
187.681469 7.875809 3585.875

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 13.515192 168.578011 7.623505
187.681469 8.137852 4007.887
1.00000 12.839421 202.210897 7.623505
187.681469 8.535576 4380.362

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.865441 -588.756877 -0.610237
-690.499343 -33.071845 -203.097728
0.25000 -2.615514 -556.201428 -0.610237
-690.499343 -40.249034 -257.701175
0.50000 -3.366360 -525.419002 -0.610237
-690.499343 -48.051204 -312.328646
0.75000 -4.109768 -496.313855 -0.610237
-690.499343 -55.921107 -366.956117
1.00000 -4.922388 -469.040540 -0.610237
-690.499343 -63.631810 -421.583588

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.188413 86.203350 7.096912
506.858129 21.653675 2833.069
0.25000 16.485723 114.379596 7.096912
506.858129 24.373641 3398.552
0.50000 15.816388 142.315729 7.096912
506.858129 28.561560 3945.840
0.75000 15.179607 169.782230 7.096912
506.858129 33.100555 4453.439
1.00000 14.579563 199.630049 7.096912
506.858129 37.938642 4917.963

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.186212 -631.888571 -4.518111
-671.346489 -35.394332 -264.869046
0.25000 -2.852254 -602.998427 -4.518111
-671.346489 -40.837087 -338.242899
0.50000 -3.519000 -575.662936 -4.518111
-671.346489 -47.103563 -411.638245
0.75000 -4.179133 -549.817920 -4.518111
-671.346489 -53.572975 -485.033591
1.00000 -4.900164 -525.602006 -4.518111
-671.346489 -59.986960 -558.428937

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.331656 23.664371 0.157239
487.585222 21.903482 472.742668
0.25000 3.322528 24.011858 0.157239
486.572419 28.272012 607.730377
0.50000 3.314312 24.356473 0.157239
485.704324 35.233037 742.447048
0.75000 3.306474 24.695829 0.157239
484.937119 42.446938 877.416120
1.00000 3.299054 25.081634 0.157239
484.418919 49.976140 1011.901

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.591336 -111.926535 -6.473643
-52.039502 -8.555737 -96.398212
0.25000 -0.599554 -111.551545 -6.473643
-52.992461 -7.274402 -125.406143
0.50000 -0.607781 -111.215251 -6.473643
-53.937023 -6.383072 -154.414185
0.75000 -0.615930 -110.896199 -6.473643
-54.874949 -5.718360 -183.422227
1.00000 -0.625386 -110.595612 -6.473643
-56.272137 -5.183282 -212.430269

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.516762 44.142434 0.707890
728.373501 27.903733 1235.540

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 7.516423 44.155306 0.707890
728.335945 35.115793 1497.789
0.50000 7.516119 44.168072 0.707890
728.303757 43.828120 1799.678
0.75000 7.515829 44.180644 0.707890
728.275126 52.857327 2114.240
1.00000 7.515554 44.194937 0.707890
728.255908 62.254074 2433.452

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.194251 -261.566466 -8.107107
-233.601753 -13.747795 -186.873512
0.25000 -1.194555 -261.552573 -8.107107
-233.637083 -12.224891 -241.625792
0.50000 -1.194860 -261.540115 -8.107107
-233.672102 -11.178162 -296.378076
0.75000 -1.195162 -261.528296 -8.107107
-233.706830 -10.463545 -351.130360
1.00000 -1.195512 -261.517161 -8.107107
-233.758695 -9.920427 -405.882644

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.660217 77.670981 4.381320
731.591486 28.600938 2349.247
0.25000 14.141782 97.935005 4.381320
705.885321 34.825671 2839.452
0.50000 13.661554 118.036303 4.381320
693.066347 42.624400 3328.784
0.75000 13.204062 137.796176 4.381320
693.066347 50.769101 3792.230
1.00000 12.772026 159.761970 4.381320
693.066347 59.330422 4225.565

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.010183 -532.510251 -7.490324
-455.529739 -32.265678 -258.742051
0.25000 -2.489221 -511.204579 -7.490324
-477.184146 -34.298762 -332.190415
0.50000 -2.968813 -491.570430 -7.490324
-509.038923 -37.007433 -405.649869
0.75000 -3.443747 -472.975512 -7.490324
-538.413931 -39.843068 -479.109324
1.00000 -3.978248 -455.508735 -7.490324
-585.558154 -42.299286 -552.568778

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.304043 66.136661 6.038075
51.302018 6.085688 1543.045
0.25000 9.670511 80.084704 6.038075
51.302018 4.910541 1872.571
0.50000 9.061958 94.843938 6.038075
51.302018 4.162668 2164.115
0.75000 8.483096 110.215013 6.038075
51.302018 3.703190 2418.652
1.00000 7.937759 125.962242 6.038075
51.302018 3.409921 2637.236

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.055959 -361.848246 -0.225815
-611.354989 -19.566795 -138.876037
0.25000 -2.387666 -336.905905 -0.225815
-608.331787 -25.477491 -175.386820
0.50000 -2.741669 -313.130302 -0.225815
-605.308567 -31.987474 -211.841497
0.75000 -3.112558 -290.685786 -0.225815
-602.285347 -38.831790 -248.193321
1.00000 -3.494530 -269.653647 -0.225815
-599.262127 -46.370387 -284.733272

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.855100 113.658754 7.634431
211.114980 9.757888 2572.692
0.25000 16.036540 131.998081 7.634431
211.114980 8.599199 3106.463
0.50000 15.251180 151.415521 7.634431
211.114980 8.063820 3612.330
0.75000 14.504638 171.667684 7.634431
211.114980 8.412362 4073.482
1.00000 13.802199 192.454922 7.634431
211.114980 9.015172 4489.956

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.396567 -592.859967 -1.023739
-798.427892 -29.452932 -259.771904
0.25000 -3.834195 -560.584501 -1.023739
-803.865411 -36.276708 -328.889872
0.50000 -4.301205 -529.851336 -1.023739
-809.302961 -43.710138 -397.806663
0.75000 -4.791068 -500.869500 -1.023739
-814.740511 -51.783344 -466.917795
1.00000 -5.296396 -473.731246 -1.023739
-820.178061 -60.192238 -535.949353

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.992852 129.566846 7.268218
616.314109 20.978835 2885.556
0.25000 18.263565 145.895150 7.268218
616.314109 23.472671 3515.218
0.50000 17.563820 163.183014 7.268218
616.314109 26.994283 4122.802
0.75000 16.898720 181.213036 7.268218
616.314109 31.822148 4690.968
1.00000 16.272722 199.718079 7.268218
616.314109 37.057150 5219.760

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.712337 -668.063608 -5.086287
-784.982124 -32.319153 -336.133881
0.25000 -4.101882 -639.309516 -5.086287
-789.502119 -37.361072 -428.719788
0.50000 -4.517631 -611.928326 -5.086287
-794.022139 -43.399041 -521.124791
0.75000 -4.953702 -586.106386 -5.086287
-798.542160 -50.241230 -613.722524
1.00000 -5.403514 -561.926333 -5.086287
-803.062181 -57.538940 -706.208573

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.317554 32.679561 0.256109
648.451226 19.057640 580.887728
0.25000 4.308223 32.902086 0.256109
647.737019 25.212502 751.934224
0.50000 4.299311 33.138695 0.256109
647.077349 32.081989 922.558916
0.75000 4.290883 33.386810 0.256109
646.480121 39.287641 1092.715
1.00000 4.282995 33.643175 0.256109
645.953813 46.703495 1262.626

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.784087 -151.777929 -6.585124
-66.684559 -8.469921 -123.685291
0.25000 -0.789456 -151.408088 -6.585124
-67.428761 -6.888389 -160.386841
0.50000 -0.795203 -151.057723 -6.585124
-68.216998 -5.882945 -197.088666
0.75000 -0.801256 -150.727893 -6.585124
-69.038975 -5.210681 -233.790951
1.00000 -0.807537 -150.421161 -6.585124
-69.883409 -4.751326 -270.493988

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.410424 70.626180 0.880519
923.548596 25.343764 1424.596
0.25000 9.410207 70.631371 0.880519
923.531671 32.471665 1763.708
0.50000 9.409999 70.636892 0.880519
923.516026 40.554936 2124.801
0.75000 9.409803 70.642682 0.880519
923.501844 49.679094 2489.703
1.00000 9.409619 70.648666 0.880519
923.489332 59.384201 2856.488

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.781220 -330.481279 -8.553603
-206.336366 -14.376546 -236.300113
0.25000 -1.781345 -330.472663 -8.553603
-206.353909 -12.494259 -305.642677
0.50000 -1.781479 -330.464501 -8.553603
-206.372489 -11.353081 -374.968939
0.75000 -1.781621 -330.456819 -8.553603
-206.391864 -10.789502 -444.295070
1.00000 -1.781767 -330.449675 -8.553603
-206.411785 -10.699109 -513.621311

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.621968 117.694557 4.478337
924.958426 26.550160 2462.592
0.25000 16.100285 129.746042 4.478337
899.340767 32.640086 3027.272
0.50000 15.600809 142.535695 4.478337
876.143774 39.858767 3582.232
0.75000 15.127275 155.908624 4.478337
872.827893 48.178890 4109.795
1.00000 14.682959 169.683378 4.478337
872.818243 57.090303 4609.505

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.231469 -586.236963 -7.987627
-492.802928 -29.223606 -334.409249
0.25000 -3.520599 -565.616353 -7.987627
-524.295225 -30.716195 -427.101074
0.50000 -3.829747 -546.041328 -7.987627
-557.601751 -33.159808 -519.712462
0.75000 -4.154672 -527.577911 -7.987627
-592.002546 -36.338907 -612.338992
1.00000 -4.490833 -510.344985 -7.987627
-625.406089 -39.960190 -704.955400

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.188413 86.203350 7.623505
731.591486 28.600938 2833.069
0.25000 16.485723 114.379596 7.623505
728.335945 35.115793 3398.552
0.50000 15.816388 142.315729 7.623505
728.303757 43.828120 3945.840
0.75000 15.179607 169.782230 7.623505
728.275126 52.857327 4453.439
1.00000 14.579563 202.210897 7.623505
728.255908 62.254074 4917.963

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.186212 -631.888571 -8.107107
-690.499343 -35.394332 -264.869046
0.25000 -2.852254 -602.998427 -8.107107
-690.499343 -40.837087 -338.242899
0.50000 -3.519000 -575.662936 -8.107107
-690.499343 -48.051204 -411.638245
0.75000 -4.179133 -549.817920 -8.107107
-690.499343 -55.921107 -485.033591
1.00000 -4.922388 -525.602006 -8.107107
-690.499343 -63.631810 -558.428937

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

```
 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    18.992852      129.566846       7.634431
924.958426    26.550160     2885.556
 0.25000    18.263565      145.895150       7.634431
923.531671    32.640086     3515.218
 0.50000    17.563820      163.183014       7.634431
923.516026    40.554936     4122.802
 0.75000    16.898720      181.213036       7.634431
923.501844    49.679094     4690.968
 1.00000    16.272722      199.718079       7.634431
923.489332    59.384201     5219.760

 COMB       DL ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.712337   -668.063608      -8.553603
-798.427892   -32.319153   -336.133881
 0.25000    -4.101882   -639.309516      -8.553603
-803.865411   -37.361072   -428.719788
 0.50000    -4.517631   -611.928326      -8.553603
-809.302961   -43.710138   -521.124791
 0.75000    -4.953702   -586.106386      -8.553603
-814.740511   -51.783344   -613.722524
 1.00000    -5.403514   -561.926333      -8.553603
-820.178061   -60.192238   -706.208573

 COMB       CAR ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    18.992852      129.566846       7.634431
924.958426    28.600938     2885.556
 0.25000    18.263565      145.895150       7.634431
923.531671    35.115793     3515.218
 0.50000    17.563820      163.183014       7.634431
923.516026    43.828120     4122.802
 0.75000    16.898720      181.213036       7.634431
923.501844    52.857327     4690.968
 1.00000    16.272722      202.210897       7.634431
923.489332    62.254074     5219.760

 COMB       CAR ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.712337   -668.063608      -8.553603
-798.427892   -35.394332   -336.133881
 0.25000    -4.101882   -639.309516      -8.553603
-803.865411   -40.837087   -428.719788
 0.50000    -4.517631   -611.928326      -8.553603
-809.302961   -48.051204   -521.124791
 0.75000    -4.953702   -586.106386      -8.553603
-814.740511   -55.921107   -613.722524
 1.00000    -5.403514   -561.926333      -8.553603
-820.178061   -63.631810   -706.208573

 COMB  DESIGN ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    18.992852      129.566846       7.634431
924.958426    28.600938     2885.556
 0.25000    18.263565      145.895150       7.634431
923.531671    35.115793     3515.218
 0.50000    17.563820      163.183014       7.634431
923.516026    43.828120     4122.802
 0.75000    16.898720      181.213036       7.634431
923.501844    52.857327     4690.968
 1.00000    16.272722      202.210897       7.634431
923.489332    62.254074     5219.760

 COMB  DESIGN ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.712337   -668.063608      -8.553603
-798.427892   -35.394332   -336.133881
 0.25000    -4.101882   -639.309516      -8.553603
-803.865411   -40.837087   -428.719788
 0.50000    -4.517631   -611.928326      -8.553603
-809.302961   -48.051204   -521.124791
 0.75000    -4.953702   -586.106386      -8.553603
-814.740511   -55.921107   -613.722524
 1.00000    -5.403514   -561.926333      -8.553603
-820.178061   -63.631810   -706.208573
Program    SAP2000    Nonlinear    Version    7.42
  File:2교대구방향S5-S703.OUT

                      Page
<               MOVING              LOAD              >
                       96

F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 ELEM          3 ================== LENGTH =
4.967098

 COMB DB-G1-1 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000     8.828508      111.934312       3.628195
44.156262     3.907485      2620.411
 0.25000     8.307568      133.602172       3.628195
44.156262     3.662870      2814.890
 0.50000     7.793825      155.551449       3.628195
44.156262     3.529807      2971.047
 0.75000     7.296861      177.587619       3.628195
44.156262     3.461787      3098.598
 1.00000     6.821568      199.364685       3.628195
44.156262     3.455548      3194.573

 COMB DB-G1-1 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -2.544363   -317.828639      -1.295749
-406.282068   -53.705531   -225.481547
 0.25000    -3.053875   -296.606096      -1.295749
-406.282068   -54.209482   -253.654920
 0.50000    -3.576584   -275.861291      -1.295749
-406.282068   -55.226183   -281.828293
 0.75000    -4.106321   -255.945289      -1.295749
-406.282068   -56.782637   -310.001791
 1.00000    -4.634236   -237.032957      -1.295749
-406.282068   -59.336144   -338.175381

 COMB DB-G1-2 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    14.214059      167.877719       4.723372
204.655852     8.060486     4379.402
 0.25000    13.517085      196.328056       4.723372
204.655852     8.585676     4673.774
 0.50000    12.841532      225.079813       4.723372
204.655852     9.230507     4948.317
 0.75000    12.188788      253.920454       4.723372
204.655852     9.931063     5205.927
 1.00000    11.564291      282.922776       4.723372
204.655852    10.696147     5436.955

 COMB DB-G1-2 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.800223   -505.781998      -1.977532
-619.704658   -68.253979   -421.427688
 0.25000    -4.468988   -477.397497      -1.977532
-619.704658   -68.627414   -475.352745
 0.50000    -5.153126   -450.103642      -1.977532
-619.704658   -69.460226   -529.277802
 0.75000    -5.845635   -423.923206      -1.977532
-619.704658   -71.191981   -583.202864
 1.00000    -6.549202   -399.047120      -1.977532
-624.574368   -73.729994   -637.127929

 COMB DB-G1-3 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    15.524447      171.727639       5.242235
488.109537    40.464558     4917.975
 0.25000    14.906246      196.984994       5.242235
488.109537    40.989875     5268.093
 0.50000    14.306553      222.512840       5.242235
488.109537    41.980914     5608.752
 0.75000    13.727075      248.120668       5.242235
488.109537    43.413066     5938.256
 1.00000    13.172684      273.850660       5.242235
488.109537    45.399448     6248.196

 COMB DB-G1-3 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.950595   -539.545865      -4.277276
-608.866968   -64.524061   -558.374927
 0.25000    -4.544314   -514.369054      -4.277276
-608.866968   -64.345375   -631.868922
 0.50000    -5.151765   -490.140752      -4.277276
-608.866968   -64.727553   -705.362916
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 REL_DIST              P              V2              V3
    T          M2             M3
 0.75000    -5.766683   -466.899838      -4.277276
-608.866968   -66.035513   -778.857595
 1.00000    -6.390846   -444.817461      -4.277276
-609.034414   -68.557372   -852.365095

 COMB DB-G2-1 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000     3.093067      25.292005       1.148740
422.070728    53.548504     1013.221
 0.25000     3.084748      25.609074       1.148740
421.120735    54.231671     1116.097
 0.50000     3.077165      25.927462       1.148740
420.337330    55.532248     1221.740
 0.75000     3.069865      26.245705       1.148740
419.598979    57.250836     1328.061
 1.00000     3.062889      26.587260       1.148740
418.913348    59.473511     1435.672

 COMB DB-G2-1 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.632698    -93.969224      -3.960513
-55.950426    -5.897062   -212.575642
 0.25000    -0.640142    -93.630834      -3.960513
-56.781398    -5.444531   -242.703672
 0.50000    -0.647695    -93.323835      -3.960513
-57.616963    -5.145893   -272.831703
 0.75000    -0.655304    -93.030176      -3.960513
-58.454662    -4.949578   -302.959733
 1.00000    -0.663591    -92.751221      -3.960513
-59.413196    -4.835208   -333.094965

 COMB DB-G2-2 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000     6.913333      58.640521       1.915509
665.885038    66.707998     2435.257
 0.25000     6.913025      58.652268       1.915509
665.849764    67.886262     2612.863
 0.50000     6.912744      58.664062       1.915509
665.820712    69.818756     2824.387
 0.75000     6.912473      58.675852       1.915509
665.793330    72.269638     3061.558
 1.00000     6.912215      58.688507       1.915509
665.767901    75.468054     3314.779

 COMB DB-G2-2 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -1.384983   -220.029912      -5.202822
-241.624804    -9.253049   -406.051100
 0.25000    -1.385259   -220.017374      -5.202822
-241.655621    -8.827616   -462.274272
 0.50000    -1.385538   -220.006001      -5.202822
-241.686607    -8.634260   -518.497444
 0.75000    -1.385820   -219.995122      -5.202822
-241.717671    -8.595246   -574.720615
 1.00000    -1.386127   -219.984787      -5.202822
-241.753220    -8.633089   -630.957797

 COMB DB-G2-3 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    13.376091      138.393077       4.014807
678.448441    62.962216     4226.843
 0.25000    12.911865      156.711689       4.014807
656.714880    64.251759     4544.194
 0.50000    12.475311      175.170383       4.014807
641.874581    66.268259     4862.916
 0.75000    12.054251      193.654194       4.014807
641.874581    68.765136     5180.055
 1.00000    11.651708      212.846448       4.014807
641.874581    71.945288     5486.686

 COMB DB-G2-3 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.217306   -456.206279      -5.428036
-424.989579   -46.551097   -552.638786
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 REL_DIST              P              V2              V3
    T          M2             M3
 0.25000    -3.647643   -437.311060      -5.428036
-456.181449   -45.778500   -627.027904
 0.50000    -4.086217   -419.656204      -5.428036
-492.966741   -45.456031   -701.417022
 0.75000    -4.529127   -402.743879      -5.428036
-530.434148   -45.423155   -775.806140
 1.00000    -4.994689   -386.678904      -5.428036
-571.835808   -45.500914   -850.207501

 COMB DL-G1-1 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000     9.129182      102.922135       3.494429
54.744334     3.498287      2635.701
 0.25000     8.577651      117.337078       3.494429
54.744334     3.170711      2856.448
 0.50000     8.043255      132.584602       3.494429
54.744334     3.001432      3043.338
 0.75000     7.530559      148.498427       3.494429
54.744334     2.932587      3196.364
 1.00000     7.043185      164.918816       3.494429
54.744334     2.918482      3316.027

 COMB DL-G1-1 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.107364   -296.842324      -1.157023
-510.874438   -50.273536   -284.559315
 0.25000    -3.447551   -275.761479      -1.157023
-507.851081   -52.163828   -320.078464
 0.50000    -3.810679   -255.459008      -1.157023
-504.827724   -54.292960   -355.615083
 0.75000    -4.192003   -236.145740      -1.157023
-501.804367   -56.775447   -391.185834
 1.00000    -4.587284   -217.907145      -1.157023
-498.781009   -59.576554   -426.715477

 COMB DL-G1-2 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    14.930495      168.274896       4.687648
226.878900     8.567831     4488.328
 0.25000    14.211752      187.203267       4.687648
226.878900     9.084637     4844.091
 0.50000    13.517205      207.196211       4.687648
226.878900     9.867248     5173.471
 0.75000    12.852638      228.066523       4.687648
226.878900    10.759670     5473.323
 1.00000    12.222086      249.609230       4.687648
226.878900    11.724819     5729.850

 COMB DL-G1-2 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -4.863222   -486.996477      -2.083492
-693.808034   -65.216284   -535.877615
 0.25000    -5.311113   -459.462987      -2.083492
-699.245831   -67.603240   -603.672977
 0.50000    -5.788621   -433.020360      -2.083492
-704.683628   -70.328946   -671.532532
 0.75000    -6.289961   -407.924885      -2.083492
-710.121425   -73.418603   -739.360297
 1.00000    -6.809741   -384.278047      -2.083492
-715.559222   -76.858588   -807.174678

 COMB DL-G1-3 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    16.856495      180.175385       5.202685
570.047678    38.951076     5219.397
 0.25000    16.216348      197.029403       5.202685
570.047678    40.597010     5655.805
 0.50000    15.597682      214.831934       5.202685
570.047678    42.711640     6071.713
 0.75000    15.005664      233.415583       5.202685
570.047678    45.099102     6463.203
 1.00000    14.443902      252.597680       5.202685
570.047678    47.827267     6817.083
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -5.111301   -547.228864      -4.427559
-689.753431   -62.278242   -706.273918
 0.25000    -5.510059   -522.708218      -4.427559
-694.273657   -64.195323   -798.624387
 0.50000    -5.935205   -499.156517      -4.427559
-698.793883   -66.767810   -891.035759
 0.75000    -6.381572   -476.802553      -4.427559
-703.314108   -69.811963   -983.425953
 1.00000    -6.844355   -455.737378      -4.427559
-707.834334   -73.205679    -1075.804

 COMB DL-G2-1 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000     4.038860      34.375705       1.077445
544.942220    49.939627     1264.338
 0.25000     4.030398      34.603768       1.077445
544.269026    51.982791     1404.303
 0.50000     4.022308      34.844614       1.077445
543.651699    54.338209     1544.614
 0.75000     4.014641      35.096151       1.077445
543.096674    57.103251     1684.768
 1.00000     4.007435      35.355960       1.077445
542.607878    60.230888     1824.560

 COMB DL-G2-1 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.952366   -126.975169      -3.817256
-70.853271    -5.253171   -270.684992
 0.25000    -0.957826   -126.648359      -3.817256
-71.548294    -4.850474   -308.706636
 0.50000    -0.963636   -126.337767      -3.817256
-72.276011    -4.621697   -346.728417
 0.75000    -0.969731   -126.045726      -3.817256
-73.027307    -4.516484   -384.755507
 1.00000    -0.976055   -125.773207      -3.817256
-73.793903    -4.500034   -422.791427

 COMB DL-G2-2 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000     8.505144      81.552479       1.993840
811.739010    63.037667     2858.659
 0.25000     8.504947      81.557799       1.993840
811.723021    66.028948     3112.561
 0.50000     8.504758      81.563417       1.993840
811.708353    69.528239     3384.969
 0.75000     8.504579      81.569283       1.993840
811.695167    73.552926     3673.279
 1.00000     8.504412      81.575345       1.993840
811.683534    78.035707     3961.936

 COMB DL-G2-2 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -2.139281   -271.279977      -5.288448
-218.887692   -10.324342   -513.971276
 0.25000    -2.139408   -271.272357      -5.288448
-218.904103   -10.253218   -585.093372
 0.50000    -2.139544   -271.265116      -5.288448
-218.921281   -10.523850   -656.219469
 0.75000    -2.139686   -271.258310      -5.288448
-218.939014   -11.030618   -727.358102
 1.00000    -2.139834   -271.251960      -5.288448
-218.957111   -11.695453   -798.501762

 COMB DL-G2-3 ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    14.931981      154.533392       3.951026
831.350393    60.100099     4610.662
 0.25000    14.466611      166.925913       3.951026
808.705784    62.959731     5016.633
 0.50000    14.019243      180.018682       3.951026
788.102901    66.372500     5412.536
 0.75000    13.593249      193.691068       3.951026
777.866448    70.302594     5795.728
 1.00000    13.191018      207.803062       3.951026
777.831757    74.674477     6151.160
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -4.296051   -484.338230      -5.546852
-470.108093   -44.521112   -705.229335
 0.25000    -4.591129   -466.443335      -5.546852
-498.112447   -45.136102   -798.404697
 0.50000    -4.905377   -449.343232      -5.546852
-527.675101   -46.061983   -891.567043
 0.75000    -5.235197   -433.188387      -5.546852
-558.242839   -47.312560   -984.740425
 1.00000    -5.577256   -418.043286      -5.546852
-588.813892   -48.777719    -1077.856

 COMB       DB ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    15.524447      171.727639       5.242235
678.448441    66.707998     4917.975
 0.25000    14.906246      196.984994       5.242235
665.849764    67.886262     5268.093
 0.50000    14.306553      225.079813       5.242235
665.820712    69.818756     5608.752
 0.75000    13.727075      253.920454       5.242235
665.793330    72.269638     5938.256
 1.00000    13.172684      282.922776       5.242235
665.767901    75.468054     6248.196

 COMB       DB ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.950595   -539.545865      -5.428036
-619.704658   -68.253979   -558.374927
 0.25000    -4.544314   -514.369054      -5.428036
-619.704658   -68.627414   -631.868922
 0.50000    -5.153126   -490.140752      -5.428036
-619.704658   -69.460226   -705.362916
 0.75000    -5.845635   -466.899838      -5.428036
-619.704658   -71.191981   -778.857595
 1.00000    -6.549202   -444.817461      -5.428036
-624.574368   -73.729994   -852.365095

 COMB       DL ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    16.856495      180.175385       5.202685
831.350393    63.037667     5219.397
 0.25000    16.216348      197.029403       5.202685
811.723021    66.028948     5655.805
 0.50000    15.597682      214.831934       5.202685
811.708353    69.528239     6071.713
 0.75000    15.005664      233.415583       5.202685
811.695167    73.552926     6463.203
 1.00000    14.443902      252.597680       5.202685
811.683534    78.035707     6817.083

 COMB       DL ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -5.111301   -547.228864      -5.546852
-693.808034   -65.216284   -706.273918
 0.25000    -5.510059   -522.708218      -5.546852
-699.245831   -67.603240   -798.624387
 0.50000    -5.935205   -499.156517      -5.546852
-704.683628   -70.328946   -891.567043
 0.75000    -6.381572   -476.802553      -5.546852
-710.121425   -73.418603   -984.740425
 1.00000    -6.844355   -455.737378      -5.546852
-715.559222   -76.858588    -1077.856

 COMB       CAR ------------------- MAX

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    16.856495      180.175385       5.242235
831.350393    66.707998     5219.397
 0.25000    16.216348      197.029403       5.242235
811.723021    67.886262     5655.805
 0.50000    15.597682      225.079813       5.242235
811.708353    69.818756     6071.713
 0.75000    15.005664      253.920454       5.242235
811.695167    73.552926     6463.203
 1.00000    14.443902      282.922776       5.242235
811.683534    78.035707     6817.083
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 COMB       CAR ------------------- MIN

 REL_DIST              P              V2              V3
    T          M2             M3
 0.00000    -5.111301   -547.228864      -5.546852
-693.808034   -68.253979   -706.273918
 0.25000    -5.510059   -522.708218      -5.546852
-699.245831   -68.627414   -798.624387
 0.50000    -5.935205   -499.156517      -5.546852
-704.683628   -70.328946   -891.567043
 0.75000    -6.381572   -476.802553      -5.546852
-710.121425   -73.418603   -984.740425
 1.00000    -6.844355   -455.737378      -5.546852
-715.559222   -76.858588    -1077.856

 COMB  DESIGN ------------------- MAX
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 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   16.856495   180.175385     5.242235
831.350393   66.707998    5219.397
 0.25000   16.216348   197.029403     5.242235
811.723021   67.886262    5655.805
 0.50000   15.597682   225.079813     5.242235
811.708353   69.818756    6071.713
 0.75000   15.005664   253.920454     5.242235
811.695167   73.552926    6463.203
 1.00000   14.443902   282.922776     5.242235
811.683534   78.035707    6817.083

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.111301  -547.228864    -5.546852
-693.808034  -68.253979  -706.273918
 0.25000   -5.510059  -522.708218    -5.546852
-699.245831  -68.627414  -798.624387
 0.50000   -5.935205  -499.156517    -5.546852
-704.683628  -70.328946  -891.567043
 0.75000   -6.381572  -476.802553    -5.546852
-710.121425  -73.418603  -984.740425
 1.00000   -6.844355  -455.737378    -5.546852
-715.559222  -76.858588  -1077.856

 ELEM        4 ================== LENGTH =
 4.967306

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    8.047447   154.705035     2.997921
45.238231   3.157847    3193.785
 0.25000    7.552055   174.288797     2.997921
45.238231   2.890835    3311.439
 0.50000    7.060580   194.406107     2.997921
45.238231   2.690009    3393.840
 0.75000    6.582062   214.836682     2.997921
45.238231   2.566488    3442.012
 1.00000    6.121629   235.214464     2.997921
45.238231   2.473887    3458.019

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -3.385830  -282.326811    -3.582289
-320.955151  -63.971566  -338.033058
 0.25000   -3.847252  -262.250160    -3.582289
-320.955151  -61.851298  -365.890796
 0.50000   -4.327502  -242.520880    -3.582289
-320.955151  -60.185478  -393.748535
 0.75000   -4.820234  -223.485366    -3.582289
-320.955151  -59.335898  -421.606400
 1.00000   -5.316237  -205.340766    -3.582289
-320.955151  -59.471613  -449.464277

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   12.882099   240.328288     3.952321
212.841074   9.936212    5436.213
 0.25000   12.218276   266.120564     3.952321
212.841074  10.460735    5594.888
 0.50000   11.570751   292.577017     3.952321
212.841074  11.073552    5731.257
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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000   10.940182   319.449080     3.952321
212.841074  11.735781    5850.664
 1.00000   10.332416   346.717539     3.952321
212.841074  12.435695    5944.649

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.160515  -444.032081    -4.722942
-513.109074  -80.546666  -636.950486
 0.25000   -5.767860  -417.128155    -4.722942
-513.109074  -77.703689  -690.512701
 0.50000   -6.398830  -391.113312    -4.722942
-513.109074  -75.640885  -744.074917
 0.75000   -7.046142  -365.999995    -4.722942
-513.109074  -74.554462  -797.637137
 1.00000   -7.709986  -342.012144    -4.722942
-517.555309  -74.565499  -851.199358

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   13.846050   238.864174     5.973565
440.765615  48.457207    6248.157
 0.25000   13.257296   261.758444     5.973565
440.765615  47.240215    6432.198
 0.50000   12.682537   285.243899     5.973565
440.765615  46.550476    6604.969
 0.75000   12.122833   309.098138     5.973565
440.765615  46.414672    6772.111
 1.00000   11.583414   333.284192     5.973565
440.765615  47.149545    6921.564

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.200217  -462.268113    -6.328781
-533.829710  -74.472272  -852.299409
 0.25000   -5.739336  -438.406733    -6.328781
-533.829710  -72.215777  -925.686760
 0.50000   -6.299476  -415.316217    -6.328781
-533.829710  -70.666426  -999.074112
 0.75000   -6.874125  -393.026448    -6.328781
-533.829710  -69.999829  -1072.466
 1.00000   -7.462930  -371.737722    -6.328781
-533.829710  -70.317291  -1145.862

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    2.530187    26.070967     3.525884
325.502896  64.267622    1436.686
 0.25000    2.522224    26.361552     3.525884
324.582898  61.825407    1495.297
 0.50000    2.514904    26.658768     3.525884
323.780002  60.061038    1556.901
 0.75000    2.507769    26.960687     3.525884
323.018631  59.203901    1620.958
 1.00000    2.500866    27.286578     3.525884
322.314953  59.292883    1687.062

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.637270   -69.191582    -3.220171
-55.729482   -4.940751  -333.257258
 0.25000   -0.644098   -68.868787    -3.220171
-56.484754   -4.593602  -363.738853
 0.50000   -0.651161   -68.573846    -3.220171
-57.268039   -4.357205  -394.220448
 0.75000   -0.658403   -68.288495    -3.220171
-58.073165   -4.214270  -424.702043
 1.00000   -0.666335   -68.014540    -3.220171
-58.996568   -4.114781  -455.195367

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    5.830420    77.911303     4.687293
558.840678  81.385376    3316.058
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 REL DIST            P            V2           V3
    T          M2           M3
 0.25000    5.830125    77.922069     4.687293
558.806557  78.985492    3394.685
 0.50000    5.829854    77.933079     4.687293
558.776781  77.380975    3502.971
 0.75000    5.829589    77.944265     4.687293
558.748510  76.853180    3645.593
 1.00000    5.829334    77.956339     4.687293
558.722412  77.584479    3809.847

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -1.695368  -170.719575    -4.339520
-235.675309   -8.609049  -631.140680
 0.25000   -1.695621  -170.707615    -4.339520
-235.703322   -8.252317  -687.791426
 0.50000   -1.695883  -170.696688    -4.339520
-235.732371   -8.175239  -744.442171
 0.75000   -1.696151  -170.686116    -4.339520
-235.762229   -8.163526  -801.095038
 1.00000   -1.696445  -170.675967    -4.339520
-235.796476   -8.251874  -857.760863

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   11.803633   189.565776     6.124512
623.515291   76.793734    5487.571
 0.25000   11.360355   206.260303     6.124512
586.737503   74.901580    5655.302
 0.50000   10.940487   223.363779     6.124512
564.896950   73.767619    5822.037
 0.75000   10.531408   240.736458     6.124512
549.337018   73.607333    5992.556
 1.00000   10.136462   258.911232     6.124512
549.337018   74.589599    6155.941

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -4.138484  -384.032982    -6.123610
-373.023157  -50.855205  -850.279439
 0.25000   -4.531191  -366.066073    -6.123610
-405.027402   -48.182354  -924.865258
 0.50000   -4.938409  -349.173583    -6.123610
-438.993078   -46.436193  -999.451076
 0.75000   -5.356019  -332.848484    -6.123610
-474.389748   -45.223527   -1074.039
 1.00000   -5.798441  -317.218681    -6.123610
-513.849780   -44.402682   -1148.638

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    8.255673   133.677544     2.870154
63.875276   2.714235    3314.812
 0.25000    7.746755   148.902714     2.870154
63.875276   2.478144    3453.019
 0.50000    7.252713   164.978724     2.870154
63.875276   2.334287    3558.214
 0.75000    6.777403   181.737771     2.870154
63.875276   2.265547    3630.350
 1.00000    6.324658   199.027774     2.870154
63.875276   2.234261    3669.863

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -3.931282  -252.832586    -2.959180
-367.752268  -64.523352  -426.524440
 0.25000   -4.284857  -233.644220    -2.959180
-364.728769  -63.620199  -461.596871
 0.50000   -4.661202  -215.141867    -2.959180
-361.705269  -63.102482  -496.847095
 0.75000   -5.056549  -197.496873    -2.959180
-358.681769  -63.053984  -531.997413
 1.00000   -5.466802  -180.820631    -2.959180
-355.658270  -63.530320  -567.130536
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   13.300265   221.081271     3.929500
234.084863  10.982767    5728.510
 0.25000   12.636214   240.933006     3.929500
234.084863  11.646705    5941.754
 0.50000   11.992470   261.924636     3.929500
234.084863  12.404853    6125.701
 0.75000   11.374191   283.844442     3.929500
234.084863  13.237316    6283.646
 1.00000   10.785851   306.498791     3.929500
234.084863  14.117793    6404.594

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.151558  -408.990762    -4.161078
-532.630448   -83.399196  -807.036448
 0.25000   -6.614088  -383.889897    -4.161078
-538.068501   -82.483611  -874.324483
 0.50000   -7.106793  -359.721976    -4.161078
-543.506554   -82.052482  -941.834572
 0.75000   -7.625123  -336.704372    -4.161078
-548.944607   -82.199757   -1009.218
 1.00000   -8.163867  -314.969157    -4.161078
-554.382660   -82.829902   -1076.582

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   14.672866   230.951708     5.645914
486.923785  50.389552    6816.729
 0.25000   14.081457   248.632717     5.645914
486.923785  50.584802    7080.380
 0.50000   13.508100   267.327466     5.645914
486.923785  51.156248    7320.933
 0.75000   12.957391   286.847639     5.645914
486.923785  52.048492    7540.435
 1.00000   12.433327   307.020566     5.645914
486.923785  53.281100    7728.845

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.375697  -444.087593    -5.878121
-558.758835  -78.911412   -1075.815
 0.25000   -6.787589  -421.735352    -5.878121
-563.279274  -78.232055   -1167.969
 0.50000   -7.226341  -400.211467    -5.878121
-567.799713  -78.048290   -1260.320
 0.75000   -7.687884  -379.711583    -5.878121
-572.320151  -78.438158   -1352.559
 1.00000   -8.167577  -360.353176    -5.878121
-576.840590  -79.307468   -1444.780

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    3.257917    35.534670     2.941641
380.103442  64.988936    1825.922
 0.25000    3.250064    35.768687     2.941641
379.450112  64.237506    1916.314
 0.50000    3.242494    36.017617     2.941641
378.831028  63.775351    2007.254
 0.75000    3.235263    36.279129     2.941641
378.253990  63.838064    2098.393
 1.00000    3.228424    36.551203     2.941641
377.726821  64.472688    2189.879

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -1.100726   -87.803501    -3.057866
-71.498042   -4.364497  -423.005342
 0.25000   -1.106235   -87.503640    -3.057866
-72.112555   -4.112308  -461.472152
 0.50000   -1.112134   -87.216857    -3.057866
-72.792077   -3.987876  -499.936481
 0.75000   -1.118373   -86.944932    -3.057866
-73.502625   -3.954774  -538.406201
 1.00000   -1.124896   -86.689394    -3.057866
-74.244441   -3.990906  -576.875382
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    6.944956    97.882707     4.169008
627.012394  83.324656    3963.598
 0.25000    6.944773    97.888163     4.169008
626.996896  83.221417    4113.864
 0.50000    6.944596    97.893967     4.169008
626.982202  83.566565    4278.588
 0.75000    6.944428    97.900066     4.169008
626.968511  84.474265    4462.599
 1.00000    6.944268    97.906412     4.169008
626.955983  86.010255    4652.232

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -2.578357  -198.219242    -4.379416
-236.816599  -10.626326  -798.836490
 0.25000   -2.578485  -198.212249    -4.379416
-236.831335  -10.878775  -870.478364
 0.50000   -2.578623  -198.205562    -4.379416
-236.847182  -11.312817  -942.109096
 0.75000   -2.578768  -198.199222    -4.379416
-236.863972  -11.871616   -1013.738
 1.00000   -2.578920  -198.193265    -4.379416
-236.881503  -12.488425  -1085.375

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   12.816381   193.114499     5.530594
693.338545  79.041376    6152.007
 0.25000   12.385493   205.973250     5.530594
670.659995  79.129908    6400.312
 0.50000   11.969011   219.611293     5.530594
649.248520  79.671622    6635.296
 0.75000   11.570022   233.895976     5.530594
629.579635  80.750287    6861.286
 1.00000   11.191508   248.708940     5.530594
616.299378  82.429285    7065.508

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.293737  -383.821732    -5.818779
-415.233337  -53.346278  -1078.081
 0.25000   -5.594879  -367.440753    -5.818779
-439.636281  -52.451070  -1171.499
 0.50000   -5.916545  -351.742449    -5.818779
-466.079200  -51.918941  -1264.992
 0.75000   -6.255828  -336.814824    -5.818779
-494.105076  -51.732803  -1358.420
 1.00000   -6.609510  -322.754079    -5.818779
-523.255873  -51.759045  -1451.806

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   13.846050   240.328288     6.124512
623.515291   81.385376    6248.157
 0.25000   13.257296   266.120564     6.124512
586.737503   78.985492    6432.198
 0.50000   12.682537   292.577017     6.124512
564.896950   77.380975    6604.969
 0.75000   12.122833   319.449080     6.124512
558.748510   76.853180    6772.111
 1.00000   11.583414   346.717539     6.124512
558.722412   77.584479    6921.564

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.200217  -462.268113    -6.328781
-533.829710  -80.546666  -852.299409
 0.25000   -5.767860  -438.406733    -6.328781
-533.829710   -77.703689  -925.686760
 0.50000   -6.398830  -415.316217    -6.328781
-533.829710   -75.640885  -999.451076
 0.75000   -7.046142  -393.026448    -6.328781
-533.829710   -74.554462   -1074.039
 1.00000   -7.709986  -371.737722    -6.328781
-533.829710   -74.565499   -1148.638
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 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   14.672866   230.951708     5.645914
693.338545  83.324656    6816.729
 0.25000   14.081457   248.632717     5.645914
670.659995  83.221417    7080.380
 0.50000   13.508100   267.327466     5.645914
649.248520  83.566565    7320.933
 0.75000   12.957391   286.847639     5.645914
629.579635  84.474265    7540.435
 1.00000   12.433327   307.020566     5.645914
626.955983  86.010255    7728.845

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.375697  -444.087593    -5.878121
-558.758835  -83.399196   -1078.081
 0.25000   -6.787589  -421.735352    -5.878121
-563.279274  -82.483611   -1171.499
 0.50000   -7.226341  -400.211467    -5.878121
-567.799713  -82.052482   -1264.992
 0.75000   -7.687884  -379.711583    -5.878121
-572.320151  -82.199757   -1358.420
 1.00000   -8.167577  -360.353176    -5.878121
-576.840590  -82.829902   -1451.806

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   14.672866   240.328288     6.124512
693.338545  83.324656    6816.729
 0.25000   14.081457   266.120564     6.124512
670.659995  83.221417    7080.380
 0.50000   13.508100   292.577017     6.124512
649.248520  83.566565    7320.933
 0.75000   12.957391   319.449080     6.124512
629.579635  84.474265    7540.435
 1.00000   12.433327   346.717539     6.124512
626.955983  86.010255    7728.845

 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.375697  -462.268113    -6.328781
-558.758835  -83.399196   -1078.081
 0.25000   -6.787589  -438.406733    -6.328781
-563.279274  -82.483611   -1171.499
 0.50000   -7.226341  -415.316217    -6.328781
-567.799713  -82.052482   -1264.992
 0.75000   -7.687884  -393.026448    -6.328781
-572.320151  -82.199757   -1358.420
 1.00000   -8.167577  -371.737722    -6.328781
-576.840590  -82.829902   -1451.806

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   14.672866   240.328288     6.124512
693.338545  83.324656    6816.729
 0.25000   14.081457   266.120564     6.124512
670.659995  83.221417    7080.380
 0.50000   13.508100   292.577017     6.124512
649.248520  83.566565    7320.933
 0.75000   12.957391   319.449080     6.124512
629.579635  84.474265    7540.435
 1.00000   12.433327   346.717539     6.124512
626.955983  86.010255    7728.845

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.375697  -462.268113    -6.328781
-558.758835  -83.399196   -1078.081
 0.25000   -6.787589  -438.406733    -6.328781
-563.279274  -82.483611   -1171.499
 0.50000   -7.226341  -415.316217    -6.328781
-567.799713  -82.052482   -1264.992
 0.75000   -7.687884  -393.026448    -6.328781
-572.320151  -82.199757   -1358.420
 1.00000   -8.167577  -371.737722    -6.328781
-576.840590  -82.829902   -1451.806
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F O R C E S

 ELEM        5 ================== LENGTH =
 4.967664

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    7.499599   186.411080     3.056814
124.306780   2.176422    3457.538
 0.25000    7.005359   205.070094     3.056814
124.306780   1.609329    3503.156
 0.50000    6.512590   224.310940     3.056814
124.306780   1.178100    3516.577
 0.75000    6.030794   243.924365     3.056814
124.306780   0.826470    3498.542
 1.00000    5.565484   263.551448     3.056814
124.306780   0.856624    3456.211

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -4.059966  -254.239305    -4.122928
-225.045839  -64.370855  -449.328190
 0.25000   -4.512122  -234.802640    -4.122928
-225.045839  -61.592857  -477.705067
 0.50000   -4.984343  -215.629743    -4.122928
-225.045839  -59.513927  -506.081943
 0.75000   -5.470790  -197.081139    -4.122928
-225.045839  -58.404670  -534.458820
 1.00000   -5.962588  -179.367380    -4.122928
-225.045839  -58.371070  -562.835697
```

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.831063	298.812355	4.048019
270.977521	11.636522	5944.266	
0.25000	11.167493	323.468010	4.048019
263.964423	11.777195	5976.651	
0.50000	10.517446	348.855322	4.048019
263.964423	12.072718	5986.764	
0.75000	9.881852	374.735445	4.048019
263.964423	12.462637	5985.434	
1.00000	9.267015	401.093562	4.048019
263.964423	12.951849	5970.404	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.361683	-391.972247	-5.357594
-397.357006	-81.753396	-851.021774	
0.25000	-6.958787	-365.850408	-5.357594
-397.357006	-78.456554	-905.205007	
0.50000	-7.581190	-340.517844	-5.357594
-397.357006	-76.001357	-959.388241	
0.75000	-8.222163	-315.998704	-5.357594
-397.357006	-74.629335	-1013.571	
1.00000	-8.882147	-292.533580	-5.357594
-399.396439	-74.449954	-1067.755	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.352867	300.908018	6.355742
428.474873	50.420600	6921.584	
0.25000	11.764391	322.789925	6.355742
426.393706	48.652571	6950.661	
0.50000	11.187429	345.322751	6.355742
426.393706	47.508981	6966.103	
0.75000	10.623294	368.292926	6.355742
426.393706	47.012643	6979.911	
1.00000	10.077625	391.667860	6.355742
426.393706	47.480792	6989.235	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.300166	-394.014605	-6.913796
-486.657520	-76.588928	-1145.786	
0.25000	-6.830111	-370.850018	-6.913796
-486.657520	-73.924879	-1219.409	
0.50000	-7.382561	-348.367263	-6.913796
-486.657520	-72.022682	-1293.031	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-7.951502	-326.606909	-6.913796
-486.657520	-71.090188	-1366.654	
1.00000	-8.536809	-305.784075	-6.913796
-486.657520	-71.225853	-1440.276	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.844315	27.123292	4.120669
218.787455	64.548938	1687.585	
0.25000	1.836303	27.404390	4.120669
217.859363	61.568440	1695.941	
0.50000	1.828921	27.692979	4.120669
217.048197	59.435127	1708.533	
0.75000	1.821701	27.987125	4.120669
216.265829	58.308826	1724.438	
1.00000	1.814692	28.305626	4.120669
215.519143	58.152455	1744.331	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.715822	-43.857180	-3.230998
-102.601100	-3.994749	-455.346528	
0.25000	-0.722614	-43.540744	-3.230998
-103.342858	-3.419793	-485.302056	
0.50000	-0.729662	-43.251476	-3.230998
-104.120463	-3.005767	-515.257584	
0.75000	-0.736911	-42.970927	-3.230998
-104.927065	-2.694696	-545.213112	
1.00000	-0.744867	-42.701079	-3.230998
-105.853042	-2.481535	-575.168641	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.607271	101.169125	5.380356
435.299139	83.975871	3810.594	
0.25000	4.606974	101.179539	5.380356
435.264717	80.986495	3789.843	
0.50000	4.606700	101.190230	5.380356
435.234634	78.969544	3795.666	
0.75000	4.606433	101.201128	5.380356
435.205619	78.136954	3837.881	
1.00000	4.606173	101.212929	5.380356
435.177925	78.635661	3906.979	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.053239	-122.006299	-4.358479
-316.156325	-8.108510	-857.923015	
0.25000	-2.053490	-121.994574	-4.358479
-316.183836	-7.451071	-913.952925	
0.50000	-2.053751	-121.983857	-4.358479
-316.212675	-7.459121	-969.982835	
0.75000	-2.054020	-121.973463	-4.358479
-316.242588	-7.968579	-1026.013	
1.00000	-2.054315	-121.963466	-4.358479
-316.276932	-8.478114	-1082.043	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.255234	236.664124	6.787577
567.757718	79.837091	6156.486	
0.25000	9.810678	252.715603	6.787577
530.874457	77.223503	6176.192	
0.50000	9.388262	269.222280	6.787577
497.380635	75.586695	6193.970	
0.75000	8.975126	286.047769	6.787577
465.123849	75.031309	6219.688	
1.00000	8.574890	303.713045	6.787577
442.755199	75.696347	6248.848	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.012003	-316.939794	-6.463007
-383.962486	-49.747536	-1148.692	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-5.400318	-299.410771	-6.463007
-414.831364	-46.776361	-1223.045	
0.50000	-5.804249	-282.903810	-6.463007
-448.379858	-44.765273	-1297.399	
0.75000	-6.219952	-266.910627	-6.463007
-483.619206	-43.893786	-1371.752	
1.00000	-6.661747	-251.569553	-6.463007
-523.003239	-43.435385	-1446.106	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.649853	163.282341	2.864537
138.239235	1.989639	3669.191	
0.25000	7.163177	179.266944	2.864537
139.335429	1.583215	3737.332	
0.50000	6.689908	196.099618	2.864537
139.575485	1.297261	3773.343	
0.75000	6.234397	213.627884	2.864537
139.575485	1.091128	3777.362	
1.00000	5.800625	231.696744	2.864537
139.575485	0.965934	3749.400	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.763687	-219.436891	-3.598290
-232.936610	-68.862847	-566.947753	
0.25000	-5.138428	-201.592303	-3.598290
-231.008714	-67.222348	-603.413602	
0.50000	-5.536869	-184.388653	-3.598290
-228.224740	-65.909219	-639.273525	
0.75000	-5.955226	-167.959754	-3.598290
-225.201129	-65.099099	-675.133411	
1.00000	-6.389380	-152.473037	-3.598290
-222.177427	-64.844802	-711.006042	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.038079	275.330330	3.941978
298.254910	13.455130	6403.848	
0.25000	11.401613	296.164634	3.941978
295.136383	13.783957	6488.656	
0.50000	10.783620	318.125791	3.941978
293.668778	14.263858	6542.780	
0.75000	10.189710	341.047676	3.941978
293.554068	14.831992	6573.405	
1.00000	9.624810	364.697755	3.941978
293.554068	15.469742	6573.956	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.540855	-347.013447	-4.841874
-377.423343	-90.401291	-1076.407	
0.25000	-8.030513	-323.601080	-4.841874
-379.743232	-88.502033	-1144.657	
0.50000	-8.551604	-301.067457	-4.841874
-383.713887	-87.136803	-1212.906	
0.75000	-9.099538	-279.577534	-4.841874
-389.038021	-86.386158	-1281.156	
1.00000	-9.669074	-259.316552	-4.841874
-394.476438	-86.153223	-1349.419	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.761178	294.323501	6.045344
457.943900	56.327570	7728.627	
0.25000	12.194389	312.879495	6.045344
455.360299	55.839066	7825.519	
0.50000	11.644016	332.438262	6.045344
454.230215	55.817424	7898.506	
0.75000	11.115056	352.851363	6.045344
454.180178	56.077731	7954.707	
1.00000	10.611914	373.911507	6.045344
454.180178	56.681867	7986.994	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.811545	-360.152032	-6.439228
-470.893537	-85.877509	-1444.739	
0.25000	-8.247615	-339.305150	-6.439228
-472.830678	-84.442677	-1537.264	
0.50000	-8.711663	-319.239504	-6.439228
-476.221236	-83.554949	-1629.810	
0.75000	-9.199586	-300.102164	-6.439228
-480.692321	-83.230358	-1722.357	
1.00000	-9.706715	-282.058599	-6.439228
-485.213062	-83.389524	-1814.916	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.265034	46.725595	3.624306
223.872287	69.915535	2190.622	
0.25000	2.257436	46.970476	3.624306
223.186674	68.229378	2222.160	
0.50000	2.250108	47.230280	3.624306
222.533736	66.869651	2254.564	
0.75000	2.243107	47.503044	3.624306
221.922075	66.065597	2287.109	
1.00000	2.236487	47.786371	3.624306
221.359574	65.855131	2320.903	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.287588	-52.175804	-2.998421
-127.676994	-3.612259	-577.076070	
0.25000	-1.293398	-51.893495	-2.998421
-128.270363	-3.210120	-614.888201	
0.50000	-1.299613	-51.623200	-2.998421
-128.912920	-2.958614	-652.700351	
0.75000	-1.306184	-51.366770	-2.998421
-129.596908	-2.814871	-690.512544	
1.00000	-1.313053	-51.126396	-2.998421
-130.313841	-2.742935	-728.324855	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.217882	131.689278	4.979518
448.348890	92.165715	4653.161	
0.25000	5.217704	131.694987	4.979518
448.332644	90.955251	4687.721	
0.50000	5.217534	131.701045	4.979518
448.317175	90.207119	4735.467	
0.75000	5.217370	131.707404	4.979518
448.302676	90.068277	4803.077	
1.00000	5.217216	131.714013	4.979518
448.289337	90.600960	4884.754	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.158917	-134.090204	-4.252565
-326.875138	-11.664866	-1085.649	
0.25000	-3.159053	-134.083618	-4.252565
-326.889186	-11.744375	-1156.433	
0.50000	-3.159198	-134.077314	-4.252565
-326.904393	-12.177787	-1227.213	
0.75000	-3.159351	-134.071334	-4.252565
-326.920578	-12.853731	-1297.993	
1.00000	-3.159511	-134.065729	-4.252565
-326.937543	-13.601674	-1368.773	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.733287	247.128851	6.269374
571.217333	87.567165	7065.958	
0.25000	10.318341	260.605926	6.269374
546.354977	86.547426	7153.567	
0.50000	9.916823	274.857041	6.269374
522.666837	85.995939	7227.039	
0.75000	9.532110	289.775373	6.269374
500.650751	86.044193	7292.876	
1.00000	9.167256	305.220529	6.269374
480.756604	86.710123	7345.645	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.447651	-298.624743	-6.063594
-410.711554	-56.817340	-1451.961	
0.25000	-6.765867	-283.281147	-6.063594
-432.802324	-55.322378	-1545.233	
0.50000	-7.105418	-268.556446	-6.063594
-457.028929	-54.290045	-1638.502	
0.75000	-7.463410	-254.549884	-6.063594
-482.949850	-53.791453	-1731.775	
1.00000	-7.836600	-241.382011	-6.063594
-510.099788	-53.523923	-1825.044	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.352867	300.908018	6.787577
567.757718	83.975871	6921.584	
0.25000	11.764391	323.468010	6.787577
530.874457	80.986495	6950.661	
0.50000	11.187429	348.855322	6.787577
497.380635	78.969544	6966.103	
0.75000	10.623294	374.735445	6.787577
465.123849	78.136954	6979.911	
1.00000	10.077625	401.093562	6.787577
442.755199	78.635661	6989.235	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.361683	-394.014605	-6.913796
-486.657520	-81.753396	-1148.692	
0.25000	-6.958787	-370.850018	-6.913796
-486.657520	-78.456554	-1223.045	
0.50000	-7.581190	-348.367263	-6.913796
-486.657520	-76.001357	-1297.399	
0.75000	-8.222163	-326.606909	-6.913796
-486.657520	-74.629335	-1371.752	
1.00000	-8.882147	-305.784075	-6.913796
-523.003239	-74.449954	-1446.106	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.761178	294.323501	6.269374
571.217333	92.165715	7728.627	
0.25000	12.194389	312.879495	6.269374
546.354977	90.955251	7825.519	
0.50000	11.644016	332.438262	6.269374
522.666837	90.207119	7898.506	
0.75000	11.115056	352.851363	6.269374
500.650751	90.068277	7954.707	
1.00000	10.611914	373.911507	6.269374
480.756604	90.600960	7986.994	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.811545	-360.152032	-6.439228
-470.893537	-90.401291	-1451.961	
0.25000	-8.247615	-339.305150	-6.439228
-472.830678	-88.502033	-1545.233	
0.50000	-8.711663	-319.239504	-6.439228
-476.221236	-87.136803	-1638.502	
0.75000	-9.199586	-300.102164	-6.439228
-482.949850	-86.386158	-1731.775	
1.00000	-9.706715	-282.058599	-6.439228
-510.099788	-86.153223	-1825.044	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.761178	300.908018	6.787577
571.217333	92.165715	7728.627	
0.25000	12.194389	323.468010	6.787577
546.354977	90.955251	7825.519	
0.50000	11.644016	348.855322	6.787577
522.666837	90.207119	7898.506	
0.75000	11.115056	374.735445	6.787577
500.650751	90.068277	7954.707	
1.00000	10.611914	401.093562	6.787577
480.756604	90.600960	7986.994	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.811545	-394.014605	-6.913796
-486.657520	-90.401291	-1451.961	
0.25000	-8.247615	-370.850018	-6.913796
-486.657520	-88.502033	-1545.233	
0.50000	-8.711663	-348.367263	-6.913796
-486.657520	-87.136803	-1638.502	
0.75000	-9.199586	-326.606909	-6.913796
-486.657520	-86.386158	-1731.775	
1.00000	-9.706715	-305.784075	-6.913796
-523.003239	-86.153223	-1825.044	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.761178	300.908018	6.787577
571.217333	92.165715	7728.627	
0.25000	12.194389	323.468010	6.787577
546.354977	90.955251	7825.519	
0.50000	11.644016	348.855322	6.787577
522.666837	90.207119	7898.506	
0.75000	11.115056	374.735445	6.787577
500.650751	90.068277	7954.707	
1.00000	10.611914	401.093562	6.787577
480.756604	90.600960	7986.994	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.811545	-394.014605	-6.913796
-486.657520	-90.401291	-1451.961	
0.25000	-8.247615	-370.850018	-6.913796
-486.657520	-88.502033	-1545.233	
0.50000	-8.711663	-348.367263	-6.913796
-486.657520	-87.136803	-1638.502	
0.75000	-9.199586	-326.606909	-6.913796
-486.657520	-86.386158	-1731.775	
1.00000	-9.706715	-305.784075	-6.913796
-523.003239	-86.153223	-1825.044	

ELEM 6 ========== LENGTH = 4.966986

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.792060	214.934333	3.156332
224.104378	0.854224	3456.331	
0.25000	6.295438	233.105773	3.156332
224.104378	0.841580	3454.233	
0.50000	5.799636	251.910888	3.156332
224.104378	0.853104	3422.489	
0.75000	5.314675	271.142680	3.156332
224.104378	0.884531	3360.301	
1.00000	4.846557	290.444083	3.156332
224.104378	0.943139	3268.053	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.665599	-227.601211	-4.081639
-134.778513	-63.081213	-562.702422	
0.25000	-5.114083	-208.440469	-4.081639
-134.778513	-60.314740	-592.720955	
0.50000	-5.583998	-189.526537	-4.081639
-134.778513	-58.280044	-622.739487	
0.75000	-6.069624	-171.241743	-4.081639
-134.778513	-57.252118	-652.758020	
1.00000	-6.562191	-153.818683	-4.081639
-134.778513	-57.346628	-682.776631	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.520637	352.725294	4.092882
386.006251	12.222887	5970.466	
0.25000	9.854539	376.765596	4.092882
382.110109	12.509652	5909.549	
0.50000	9.201184	401.601852	4.092882
382.110109	13.111144	5828.305	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	8.562109	426.998735	4.092882
382.110109	14.005010	5738.248	
1.00000	7.944243	452.941188	4.092882
382.110109	15.028741	5628.760	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.496299	-342.811757	-5.345277
-290.736752	-81.339125	-1067.568	
0.25000	-8.088838	-317.045447	-5.345277
-290.736752	-78.081421	-1123.706	
0.50000	-8.708349	-292.047910	-5.345277
-290.736752	-75.641724	-1179.844	
0.75000	-9.348276	-267.868635	-5.345277
-290.736752	-74.328781	-1235.981	
1.00000	-10.008972	-244.776836	-5.345277
-290.736752	-74.257670	-1292.119	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.602618	373.534995	6.322157
472.506388	50.933614	6989.314	
0.25000	10.011874	394.869552	6.322157
472.506388	49.357109	6892.841	
0.50000	9.431945	416.912271	6.322157
472.506388	48.579189	6785.599	
0.75000	8.864692	439.452680	6.322157
472.506388	48.676465	6680.428	
1.00000	8.316306	462.458089	6.322157
472.506388	49.788852	6566.966	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.535691	-331.565878	-6.990940
-455.330853	-77.227717	-1440.182	
0.25000	-8.061574	-308.717206	-6.990940
-455.330853	-74.605224	-1514.542	
0.50000	-8.611450	-286.532092	-6.990940
-455.330853	-72.715026	-1588.902	
0.75000	-9.179461	-265.073738	-6.990940
-455.330853	-71.833438	-1663.262	
1.00000	-9.765413	-244.582686	-6.990940

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-455.330853   -72.064198    -1737.631

 COMB DB-G2-1 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     1.130908     55.637674     4.106492
119.570481    63.560018     1744.357
  0.25000     1.122893     55.912894     4.106492
118.632033    60.571052     1705.746
  0.50000     1.115502     56.196185     4.106492
117.810050    58.434333     1671.121
  0.75000     1.108270     56.485646     4.106492
117.013901    57.343474     1640.922
  1.00000     1.101253     56.800004     4.106492
116.250818    57.276119     1616.031

 COMB DB-G2-1 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -0.912013    -22.825430    -3.302042
-213.564916    -2.316767   -575.312908
  0.25000    -0.918764    -22.512711    -3.302042
-214.311423    -1.954005   -603.604360
  0.50000    -0.925786    -22.226968    -3.302042
-215.096416    -1.792358   -631.895813
  0.75000    -0.933024    -21.949952    -3.302042
-215.912978    -1.891141   -660.193023
  1.00000    -0.940976    -21.683900    -3.302042
-216.848525    -2.113039   -688.497865

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     3.298280     155.325625     5.258881
317.159781    85.196071     3907.037
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 REL DIST            P            V2            V3
     T            M2            M3
  0.25000     3.297983     155.335822     5.258881
317.124976    82.287081     3792.358
  0.50000     3.297709     155.346317     5.258881
317.094493    80.352885     3703.956
  0.75000     3.297441     155.357041     5.258881
317.064967    79.659122     3655.516
  1.00000     3.297182     155.368689     5.258881
317.036665    80.366614     3635.475

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -2.648590    -79.777748    -4.494369
-443.939224    -8.210437    -1082.184
  0.25000    -2.648841    -79.766161    -4.494369
-443.966911    -8.708254    -1136.250
  0.50000    -2.649101    -79.755575    -4.494369
-443.996024    -9.207824    -1190.316
  0.75000    -2.649369    -79.745312    -4.494369
-444.026306    -9.706944    -1244.387
  1.00000    -2.649664    -79.735455    -4.494369
-444.061004   -10.206150    -1298.469

 COMB DB-G2-3 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     8.495947     309.179019     6.715118
518.519452    81.181037     6248.794
  0.25000     8.050455     324.861494     6.715118
478.421329    78.711565     6144.234
  0.50000     7.626659     341.036808     6.715118
442.338373    77.219221     6038.745
  0.75000     7.212045     357.570566     6.715118
408.443759    76.896468     5945.364
  1.00000     6.810582     374.981901     6.715118
377.254110    77.909555     5853.299

 COMB DB-G2-3 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -6.053349   -256.731546    -6.569701
-453.962351    -48.426974    -1446.137
  0.25000    -6.438994   -239.424705    -6.569701
-476.115486    -46.602698    -1519.741
  0.50000    -6.841214   -223.127650    -6.569701
-508.627724    -45.145315    -1593.346
  0.75000    -7.256269   -207.346203    -6.569701
-542.511090    -44.192036    -1666.955
  1.00000    -7.698200   -192.235238    -6.569701
-579.898568    -43.778312    -1740.574

 COMB DL-G1-1 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     6.962885     195.401131     2.778789
238.873613     0.943587     3749.301
  0.25000     6.501608     212.232414     2.778789
241.896385     0.940026     3751.494
  0.50000     6.053369     229.921769     2.778789
244.919690     0.951509     3722.128
  0.75000     5.622235     248.322999     2.778789
247.667982     0.976065     3660.880
  1.00000     5.212632     267.265564     2.778789
249.516373     1.016994     3568.396

 COMB DL-G1-1 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -5.615074   -190.121011    -3.879986
-122.946901    -70.014782   -710.827216
  0.25000    -6.011399   -173.385071    -3.879986
-122.946901    -68.005800   -748.780144
  0.50000    -6.431951   -157.251545    -3.879986
-122.946901    -66.280738   -787.397817
  0.75000    -6.872981   -141.863083    -3.879986
-122.671889    -65.028096   -825.381786
  1.00000    -7.330392   -127.411755    -3.879986
-121.496975    -64.319761   -863.372571
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 COMB DL-G1-2 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    10.665134     335.460072     3.810759
425.932958    15.015166     6573.830
  0.25000    10.060807     357.370492     3.810759
420.495255    15.475017     6535.967
  0.50000     9.474694     380.423324     3.810759
415.206250    16.204405     6468.630
  0.75000     8.911910     404.442517     3.810759
411.349619    17.143262     6378.237
  1.00000     8.377712     429.210905     3.810759
409.188746    18.226145     6258.614

 COMB DL-G1-2 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -9.013211   -293.353931    -5.204609
-269.014894    -93.454993    -1349.208
  0.25000    -9.529997   -271.354910    -5.204609
-269.014894    -91.038457    -1420.043
  0.50000   -10.078871   -250.180443    -5.204609
-269.163592    -89.212193    -1490.893
  0.75000   -10.655282   -230.015963    -5.204609
-270.744662    -88.048577    -1561.723
  1.00000   -11.254018   -211.095644    -5.204609
-274.021482    -87.436353    -1632.469

 COMB DL-G1-3 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    10.856983     374.112540     6.015792
501.004458    60.081151     7986.936
  0.25000    10.318844     393.627919     6.015792
496.484311    59.463147     7922.527
  0.50000     9.796909     414.159956     6.015792
492.035967    59.380966     7835.217
  0.75000     9.295681     435.551353     6.015792
488.744965    59.708217     7731.846
  1.00000     8.819910     457.608516     6.015792
486.947541    60.463002     7606.380

 COMB DL-G1-3 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -9.561384   -291.355024    -6.659435
-440.745985    -89.662909    -1814.825
  0.25000   -10.021649   -271.768115    -6.659435
-440.745985    -87.836569    -1908.338
  0.50000   -10.510477   -252.914140    -6.659435
-440.817788    -86.552315    -2001.841
  0.75000   -11.023801   -234.958412    -6.659435
-442.046933    -85.880085    -2095.342
  1.00000   -11.556975   -218.110010    -6.659435
-444.769634    -85.724292    -2188.773

 COMB DL-G2-1 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     1.423330     77.029271     3.981460
106.987654    71.561620     2321.002
  0.25000     1.416082     77.285630     3.981460
106.272013    69.353726     2293.616
  0.50000     1.409093     77.557051     3.981460
105.588494    67.504404     2266.845
  0.75000     1.402425     77.841442     3.981460
104.945985    66.239200     2241.253
  1.00000     1.396132     78.136738     3.981460
104.352167    65.591987     2216.312

 COMB DL-G2-1 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -1.737663   -28.076009    -2.908452
-239.999647    -2.354847   -728.518744
  0.25000    -1.743749   -27.808788    -2.908452
-240.567622    -2.109951   -764.232900
  0.50000    -1.750245   -27.552919    -2.908452
-241.185952    -2.145364   -799.931733
  0.75000    -1.757104   -27.310787    -2.908452
-241.846632    -2.293541   -835.645826
  1.00000    -1.764268   -27.084575    -2.908452
-242.541159    -2.501852   -871.360076
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 COMB DL-G2-2 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     3.677611     190.190896     5.271487
308.921234    97.149123     4884.865
  0.25000     3.677442     190.196872     5.271487
308.904299    95.519871     4803.558
  0.50000     3.677279     190.203200     5.271487
308.888127    94.259416     4736.355
  0.75000     3.677124     190.209831     5.271487
308.872923    93.543377     4690.316
  1.00000     3.676977     190.216717     5.271487
308.858865    93.463139     4658.497

 COMB DL-G2-2 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -4.154911    -86.785907    -4.122721
-465.426593    -12.808563    -1368.998
  0.25000    -4.155053    -86.779672    -4.122721
-465.440065    -13.538347    -1437.245
  0.50000    -4.155205    -86.773704    -4.122721
-465.454714    -14.278015    -1505.471
  0.75000    -4.155365    -86.768056    -4.122721
-465.470367    -15.028385    -1573.711
  1.00000    -4.155532    -86.762780    -4.122721
-465.486820    -15.791211    -1641.950

 COMB DL-G2-3 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     8.752572     325.709328     6.503945
508.799809    92.279319     7345.670
  0.25000     8.357740     339.849854     6.503945
481.677817    90.983094     7275.355
  0.50000     7.975868     354.774104     6.503945
455.698702    90.133713     7192.069
  0.75000     7.610363     370.370161     6.503945
431.377057    89.831270     7102.706
  1.00000     7.264392     386.503511     6.503945
409.163493    90.120930     7000.628

 COMB DL-G2-3 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -7.998982   -231.995803    -6.145313
-476.984207    -58.446017    -1825.140
  0.25000    -8.333554   -217.531958    -6.145313
-497.116450    -57.280051    -1917.635
  0.50000    -8.689879   -203.641511    -6.145313
-519.454346    -56.355202    -2010.112
  0.75000    -9.065007   -190.460109    -6.145313
-543.525962    -55.708172    -2102.553
  1.00000    -9.455776   -178.116245    -6.145313
-568.830845    -55.260999    -2195.045

 COMB DB -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    10.602618     373.534995     6.715118
518.519452    85.196071     6989.314
  0.25000    10.011874     394.869552     6.715118
478.421329    82.287081     6892.841
  0.50000     9.431945     416.912271     6.715118
472.506388    80.352885     6785.599
  0.75000     8.864692     439.452680     6.715118
472.506388    79.659122     6680.428
  1.00000     8.316306     462.458089     6.715118
472.506388    80.366614     6566.966

 COMB DB -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -7.535691   -342.811757    -6.990940
-455.330853    -81.339125    -1446.137
  0.25000    -8.088838   -317.045447    -6.990940
-476.115486    -78.081421    -1519.741
  0.50000    -8.708349   -292.047910    -6.990940
-508.627724    -75.641724    -1593.346
  0.75000    -9.348276   -267.868635    -6.990940
-542.511090    -74.328781    -1666.955
  1.00000   -10.008972   -244.776836    -6.990940
-579.898568    -74.257670    -1740.574
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 COMB DL -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    10.856983     374.112540     6.503945
508.799809    97.149123     7986.936
  0.25000    10.318844     393.627919     6.503945
496.484311    95.519871     7922.527
  0.50000     9.796909     414.159956     6.503945
492.035967    94.259416     7835.217
  0.75000     9.295681     435.551353     6.503945
488.744965    93.543377     7731.846
  1.00000     8.819910     457.608516     6.503945
486.947541    93.463139     7606.380

 COMB DL -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -9.561384   -293.353931    -6.659435
-476.984207    -93.454993    -1825.140
  0.25000   -10.021649   -271.768115    -6.659435
-497.116450    -91.038457    -1917.635
  0.50000   -10.510477   -252.914140    -6.659435
-519.454346    -89.212193    -2010.112
  0.75000   -11.023801   -234.958412    -6.659435
-543.525962    -88.048577    -2102.553
  1.00000   -11.556975   -218.110010    -6.659435
-568.830845    -87.436353    -2195.045

 COMB CAR -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    10.856983     374.112540     6.715118
518.519452    97.149123     7986.936
  0.25000    10.318844     394.869552     6.715118
496.484311    95.519871     7922.527
  0.50000     9.796909     416.912271     6.715118
492.035967    94.259416     7835.217
  0.75000     9.295681     439.452680     6.715118
488.744965    93.543377     7731.846
  1.00000     8.819910     462.458089     6.715118
486.947541    93.463139     7606.380

 COMB CAR -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -9.561384   -342.811757    -6.990940
-476.984207    -93.454993    -1825.140
  0.25000   -10.021649   -317.045447    -6.990940
-497.116450    -91.038457    -1917.635
  0.50000   -10.510477   -292.047910    -6.990940
-519.454346    -89.212193    -2010.112
  0.75000   -11.023801   -267.868635    -6.990940
-543.525962    -88.048577    -2102.553
  1.00000   -11.556975   -244.776836    -6.990940
-579.898568    -87.436353    -2195.045

 COMB DESIGN -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    10.856983     374.112540     6.715118
518.519452    97.149123     7986.936
  0.25000    10.318844     394.869552     6.715118
496.484311    95.519871     7922.527
  0.50000     9.796909     416.912271     6.715118
492.035967    94.259416     7835.217
  0.75000     9.295681     439.452680     6.715118
488.744965    93.543377     7731.846
  1.00000     8.819910     462.458089     6.715118
486.947541    93.463139     7606.380

 COMB DESIGN -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -9.561384   -342.811757    -6.990940
-476.984207    -93.454993    -1825.140
  0.25000   -10.021649   -317.045447    -6.990940
-497.116450    -91.038457    -1917.635
  0.50000   -10.510477   -292.047910    -6.990940
-519.454346    -89.212193    -2010.112
  0.75000   -11.023801   -267.868635    -6.990940
-543.525962    -88.048577    -2102.553
  1.00000   -11.556975   -244.776836    -6.990940
-579.898568    -87.436353    -2195.045
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4.967451

 COMB DB-G1-1 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     6.030383     244.833103     2.795222
312.489488     0.953166     3268.471
  0.25000     5.525865     262.737877     2.795222
312.489488     1.686951     3204.807
  0.50000     5.023619     281.287894     2.795222
312.489488     2.708652     3113.766
  0.75000     4.534239     300.265776     2.795222
312.489488     3.749320     2994.820
  1.00000     4.064238     319.287327     2.795222
312.489488     4.801197     2848.844

 COMB DB-G1-1 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -5.491061   -199.103922    -4.381318
-56.364047    -61.673938    -682.676492
  0.25000    -5.948879   -180.299046    -4.381318
-56.364047    -58.554083    -716.506413
  0.50000    -6.428569   -161.804057    -4.381318
-56.364047    -56.197935    -750.336336
  0.75000    -6.924194   -144.017661    -4.381318
-56.364047    -54.882955    -784.166961
  1.00000    -7.426366   -127.190857    -4.381318
-56.364047    -54.715193    -817.997586

 COMB DB-G1-2 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     9.164155     407.437062     3.663291
484.344996    14.949750     5629.061
  0.25000     8.487948     431.114995     3.663291
484.344996    16.874620     5459.692
  0.50000     7.826892     455.618955     3.663291
484.344996    18.864942     5273.323
  0.75000     7.182358     480.699733     3.663291
484.344996    20.889330     5079.915
  1.00000     6.561864     506.308457     3.663291
484.344996    22.929078     4878.012

 COMB DB-G1-2 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -8.975825   -293.009104    -5.727174
-201.018575    -80.693217    -1291.959
  0.25000    -9.579769   -267.685616    -5.727174
-201.018575    -77.020335    -1352.609
  0.50000   -10.211613   -243.222218    -5.727174
-201.018575    -74.206400    -1413.260
  0.75000   -10.864514   -219.663544    -5.727174
-201.018575    -72.560053    -1473.911
  1.00000   -11.538047   -197.300799    -5.727174
-201.018575    -72.179177    -1534.561

 COMB DB-G1-3 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     8.863267     445.238895     6.117168
511.847125    53.786943     6566.948
  0.25000     8.263537     466.252273     6.117168
511.847125    53.518517     6334.948
  0.50000     7.676739     487.999876     6.117168
511.847125    53.844947     6098.010
  0.75000     7.104625     510.258921     6.117168
511.847125    54.912277     5866.589
  1.00000     6.553913     532.966619     6.117168
511.847125    56.797777     5638.090

 COMB DB-G1-3 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -9.418804   -272.602540    -7.126237
-432.399329    -77.663853    -1737.529
  0.25000    -9.954848   -250.148033    -7.126237
-432.399329    -74.671492    -1813.608
  0.50000   -10.515694   -228.437789    -7.126237
-432.399329    -72.447813    -1889.699
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 REL DIST            P            V2            V3
     T            M2            M3
  0.75000   -11.095229   -207.531826    -7.126237
-432.399329    -71.269178    -1965.824
  1.00000   -11.692569   -187.690300    -7.126237
-432.399329    -71.224256    -2041.949

 COMB DB-G2-1 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     0.963620     81.964824     4.436457
37.868205     62.561113     1615.613
  0.25000     0.955501     82.235536     4.436457
36.911701     59.170655     1537.311
  0.50000     0.948056     82.515221     4.436457
36.074036     56.664832     1463.225
  0.75000     0.940777     82.801867     4.436457
35.257458     55.237146     1394.239
  1.00000     0.933726     83.113846     4.436457
34.468888     54.824100     1330.629

 COMB DB-G2-1 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -1.262736   -10.515913    -2.890565
-313.799263    -2.337105   -688.600880
  0.25000    -1.269581   -10.207132    -2.890565
-314.525702    -3.114863   -713.059926
  0.50000    -1.276719    -9.926722    -2.890565
-315.320286    -4.104012   -737.557770
  0.75000    -1.284096    -9.655264    -2.890565
-316.152861    -5.173878   -762.082871
  1.00000    -1.292201    -9.395182    -2.890565
-317.109657    -6.272250   -786.607973

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000     2.466032     206.036079     5.637529
215.713837     86.728325     3634.866
  0.25000     2.465731     206.046108     5.637529
215.678362     83.412070     3437.269
  0.50000     2.465455     206.056470     5.637529
215.647297     81.123123     3267.965
  0.75000     2.465185     206.067090     5.637529
215.617013     80.143033     3137.614
  1.00000     2.464924     206.078650     5.637529
215.587765     80.549699     3045.360

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P            V2            V3
     T            M2            M3
  0.00000    -3.753233   -48.066323    -4.063566
-559.832160    -9.943252    -1298.549
  0.25000    -3.753487   -48.054881    -4.063566
-559.859138   -10.428871    -1348.084
  0.50000    -3.753751   -48.044493    -4.063566
-559.888604   -10.920149    -1397.659
  0.75000    -3.754024   -48.034435    -4.063566
-559.919480   -12.355361    -1447.275
  1.00000    -3.754325   -48.024799    -4.063566
-559.954965   -14.048032    -1496.892
```

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.149581	379.035453	6.835036
475.342340	83.473286	5852.809	
0.25000	6.697844	394.471601	6.835036
434.452343	81.156241	5623.885	
0.50000	6.269958	410.435672	6.835036
397.699781	79.890498	5397.586	
0.75000	5.852212	426.785667	6.835036
362.492148	79.850781	5184.266	
1.00000	5.448908	444.019348	6.835036
336.028267	81.066633	4983.912	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.697691	-205.310081	-6.367365
-533.586812	-48.542455	-1740.564	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-8.089740	-186.260535	-6.367365
-553.411825	-46.471394	-1812.435	
0.50000	-8.499341	-172.290215	-6.367365
-574.099754	-44.830965	-1884.342	
0.75000	-8.922593	-156.870545	-6.367365
-602.704215	-44.759857	-1956.286	
1.00000	-9.373046	-142.166697	-6.367365
-641.006657	-45.233413	-2028.230	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.309145	234.660475	2.294616
348.875345	1.096281	3568.854	
0.25000	5.871155	252.460349	2.294616
351.898081	1.838287	3502.324	
0.50000	5.446181	271.107810	2.294616
354.921653	2.828151	3404.615	
0.75000	5.039003	290.458958	2.294616
357.945225	3.87817	3275.904	
1.00000	4.654170	310.323750	2.294616
360.968796	4.968949	3116.901	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.772796	-162.011272	-4.732889
-46.834719	-68.884515	-863.236147	
0.25000	-7.203676	-146.416775	-4.732889
-46.834719	-65.867120	-906.043291	
0.50000	-7.659324	-131.396781	-4.732889
-46.834719	-63.272004	-948.850572	
0.75000	-8.135853	-117.155125	-4.732889
-46.834719	-61.236002	-991.657960	
1.00000	-8.628624	-103.832995	-4.732889
-46.834719	-59.800858	-1034.438	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.397803	406.568901	3.268448
560.818550	18.591033	6259.089	
0.25000	8.822837	429.689049	3.268448
555.380367	20.424794	6099.780	
0.50000	8.265648	453.948867	3.268448
549.942184	22.371389	5906.587	
0.75000	7.732227	479.176960	3.268448
544.504001	24.388133	5693.060	
1.00000	7.228199	505.135362	3.268448
539.217883	26.450344	5453.032	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.988435	-244.536803	-6.177956
-197.214727	-94.355164	-1632.267	
0.25000	-11.548378	-223.981351	-6.177956
-197.214727	-91.023305	-1708.974	
0.50000	-12.141365	-204.203122	-6.177956
-197.214727	-88.255745	-1785.591	
0.75000	-12.762722	-185.465063	-6.177956
-197.214727	-86.138566	-1862.208	
1.00000	-13.406585	-167.939361	-6.177956
-197.366793	-84.554174	-1938.812	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.237858	466.509021	6.055237
569.761789	64.448659	7606.477	
0.25000	8.725857	487.103642	6.055237
565.241242	64.203259	7388.503	
0.50000	8.229715	508.712136	6.055237
560.720695	64.319298	7141.409	
0.75000	7.754716	531.181240	6.055237
556.200148	64.757284	6880.128	
1.00000	7.305886	554.298698	6.055237
551.739053	65.543557	6599.808	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044721	-234.229728	-7.236429
-446.178686	-91.635202	-2188.647	
0.25000	-12.543489	-215.928806	-7.236429
-446.178686	-89.029492	-2284.374	
0.50000	-13.071662	-198.320300	-7.236429
-446.178686	-86.943132	-2437.176	
0.75000	-13.625062	-181.638539	-7.236429
-446.178686	-85.458830	-2534.426	
1.00000	-14.198462	-166.034905	-7.236429
-446.238138	-84.481357	-2631.691	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.065629	110.417148	4.879825
31.413246	71.191071	2215.803	
0.25000	1.058671	110.685335	4.879825
30.672543	68.004601	2134.541	
0.50000	1.051962	110.969251	4.879825
29.958950	65.207435	2054.261	
0.75000	1.045564	111.266591	4.879825
29.281533	63.003644	1975.268	
1.00000	1.039538	111.575137	4.879825
28.649207	61.422404	1897.488	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.498697	-14.969295	-2.380283
-365.092154	-2.483629	-871.504095	
0.25000	-2.505207	-14.716858	-2.380283
-365.636466	-3.326316	-902.309593	
0.50000	-2.512152	-14.475204	-2.380283
-366.238023	-4.357243	-933.098069	
0.75000	-2.519482	-14.246828	-2.380283
-366.888164	-5.485796	-963.925631	
1.00000	-2.527135	-14.033764	-2.380283
-367.578786	-6.670346	-994.759634	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.687267	254.828136	6.336966
212.158096	99.810572	4657.841	
0.25000	2.687105	254.834386	6.336966
212.140590	96.321050	4473.036	
0.50000	2.686948	254.841004	6.336966
212.123726	93.634723	4297.323	
0.75000	2.686799	254.847936	6.336966
212.107716	91.690456	4143.915	
1.00000	2.686658	254.855131	6.336966
212.092764	90.487674	4006.806	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.731222	-55.217314	-3.499152
-613.534474	-15.069178	-1642.075	
0.25000	-5.731374	-55.211423	-3.499152
-613.547399	-15.840979	-1704.476	
0.50000	-5.731536	-55.205784	-3.499152
-613.561670	-17.028082	-1766.854	
0.75000	-5.731707	-55.200455	-3.499152
-613.577092	-18.687019	-1829.268	
1.00000	-5.731885	-55.195484	-3.499152
-613.593462	-20.630329	-1891.702	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.313981	414.860924	7.200628
497.726198	95.731466	7000.262	
0.25000	6.936593	429.719210	7.200628
468.671618	93.353285	6781.996	
0.50000	6.571782	445.373479	7.200628
440.595549	91.779025	6546.339	
0.75000	6.223253	461.718346	7.200628
414.025449	90.914752	6306.305	
1.00000	5.894442	478.608419	7.200628
389.473758	90.735574	6056.320	

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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.295129	-181.349178	-6.081564
-580.553564	-59.980099	-2195.059	
0.25000	-10.655377	-167.761792	-6.081564
-598.990522	-58.415164	-2285.467	
0.50000	-11.038299	-154.716135	-6.081564
-619.846032	-57.451822	-2375.801	
0.75000	-11.440970	-142.373991	-6.081564
-642.657795	-57.256682	-2466.168	
1.00000	-11.859814	-130.846761	-6.081564
-666.923346	-57.401410	-2556.541	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.164155	445.238895	6.835036
511.847125	86.728325	6566.948	
0.25000	8.487948	466.252273	6.835036
511.847125	83.412070	6334.948	
0.50000	7.826892	487.999876	6.835036
511.847125	81.123123	6098.010	
0.75000	7.182358	510.258921	6.835036
511.847125	80.143033	5866.589	
1.00000	6.561864	532.966619	6.835036
511.847125	81.066633	5638.090	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.418804	-293.009104	-7.126237
-559.832160	-80.693217	-1740.564	
0.25000	-9.954848	-267.685616	-7.126237
-559.859138	-77.020335	-1813.608	
0.50000	-10.515694	-243.222218	-7.126237
-574.099754	-74.206400	-1889.699	
0.75000	-11.095229	-219.663544	-7.126237
-602.704215	-72.560053	-1965.824	
1.00000	-11.692569	-197.300799	-7.126237
-641.006657	-72.179177	-2041.949	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.397803	466.509021	7.200628
569.761789	99.810572	7606.477	
0.25000	8.822837	487.103642	7.200628
565.241242	96.321050	7388.503	
0.50000	8.265648	508.712136	7.200628
560.720695	93.634723	7141.409	
0.75000	7.754716	531.181240	7.200628
556.200148	91.690456	6880.128	
1.00000	7.305886	554.298698	7.200628
551.739053	90.735574	6599.808	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044721	-244.536803	-7.236429
-613.534474	-94.355164	-2195.059	
0.25000	-12.543489	-223.981351	-7.236429
-613.547399	-91.023305	-2285.467	
0.50000	-13.071662	-204.203122	-7.236429
-619.846032	-88.255745	-2437.176	
0.75000	-13.625062	-185.465063	-7.236429
-642.657795	-86.138566	-2534.426	
1.00000	-14.198462	-167.939361	-7.236429
-666.923346	-84.554174	-2631.691	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.397803	466.509021	7.200628
569.761789	99.810572	7606.477	
0.25000	8.822837	487.103642	7.200628
565.241242	96.321050	7388.503	
0.50000	8.265648	508.712136	7.200628
560.720695	93.634723	7141.409	
0.75000	7.754716	531.181240	7.200628
556.200148	91.690456	6880.128	
1.00000	7.305886	554.298698	7.200628
551.739053	90.735574	6599.808	

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COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044721	-293.009104	-7.236429
-613.534474	-94.355164	-2195.059	
0.25000	-12.543489	-267.685616	-7.236429
-613.547399	-91.023305	-2285.467	
0.50000	-13.071662	-243.222218	-7.236429
-619.846032	-88.255745	-2437.176	
0.75000	-13.625062	-219.663544	-7.236429
-642.657795	-86.138566	-2534.426	
1.00000	-14.198462	-197.300799	-7.236429
-666.923346	-84.554174	-2631.691	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.397803	466.509021	7.200628
569.761789	99.810572	7606.477	
0.25000	8.822837	487.103642	7.200628
565.241242	96.321050	7388.503	
0.50000	8.265648	508.712136	7.200628
560.720695	93.634723	7141.409	
0.75000	7.754716	531.181240	7.200628
556.200148	91.690456	6880.128	
1.00000	7.305886	554.298698	7.200628
551.739053	90.735574	6599.808	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044721	-293.009104	-7.236429
-613.534474	-94.355164	-2195.059	
0.25000	-12.543489	-267.685616	-7.236429
-613.547399	-91.023305	-2285.467	
0.50000	-13.071662	-243.222218	-7.236429
-619.846032	-88.255745	-2437.176	
0.75000	-13.625062	-219.663544	-7.236429
-642.657795	-86.138566	-2534.426	
1.00000	-14.198462	-197.300799	-7.236429
-666.923346	-84.554174	-2631.691	

ELEM 8 ========== LENGTH = 4.967885

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.049417	277.612080	1.671831
380.472344	5.667350	2849.516	
0.25000	4.550909	295.123194	1.671831
380.472344	7.652544	2731.056	
0.50000	4.056463	313.265543	1.671831
380.472344	9.648150	2589.343	
0.75000	3.577658	331.805079	1.671831
380.472344	11.674322	2424.356	
1.00000	3.121260	350.340969	1.671831
380.472344	13.710565	2237.317	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.383817	-168.615800	-5.346546
-11.004506	-58.436675	-817.950301	
0.25000	-6.840000	-150.378104	-5.346546
-11.004506	-54.033781	-859.714684	
0.50000	-7.317725	-132.519466	-5.346546
-11.004506	-50.361129	-901.479066	
0.75000	-7.810583	-115.469206	-5.346546
-11.004506	-47.723229	-943.368335	
1.00000	-8.308862	-99.483444	-5.346546
-11.004506	-46.241509	-985.281308	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.552643	464.159275	2.269206
558.377917	23.229529	4878.624	
0.25000	6.884250	487.349439	2.269206
558.377917	26.390857	4614.562	
0.50000	6.233974	511.349871	2.269206
558.377917	29.570628	4340.066	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	5.603709	535.890407	2.269206
558.377917	32.777927	4066.829	
1.00000	5.001320	560.927637	2.269206
558.377917	35.993151	3793.692	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.516873	-242.929554	-6.889903
-172.962402	-77.930515	-1534.442	
0.25000	-11.118366	-218.282252	-6.889903
-172.962402	-72.729302	-1604.566	
0.50000	-11.747343	-194.609737	-6.889903
-172.962402	-68.338323	-1674.691	
0.75000	-12.396368	-171.967951	-6.889903
-172.962402	-65.096565	-1744.954	
1.00000	-13.065046	-150.656178	-6.889903
-172.962402	-63.113290	-1815.262	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.482610	514.756213	5.437687
546.054987	60.948865	5638.119	
0.25000	6.889820	535.335325	5.437687
546.054987	61.064353	5293.133	
0.50000	6.312570	556.634558	5.437687
546.054987	61.775421	4948.552	
0.75000	5.753107	578.412488	5.437687
546.054987	63.289097	4618.401	
1.00000	5.218458	600.610013	5.437687
546.054987	65.596003	4302.289	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.337304	-225.272050	-7.524870
-449.834801	-76.214209	-2041.840	
0.25000	-11.871184	-203.420759	-7.524870
-449.834801	-71.855737	-2121.887	
0.50000	-12.429498	-182.414540	-7.524870
-449.834801	-68.222903	-2201.935	
0.75000	-13.005602	-162.324678	-7.524870
-449.834801	-65.619232	-2282.108	
1.00000	-13.598621	-143.418443	-7.524870
-449.834801	-64.143868	-2362.319	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.185021	102.294574	5.465748
14.491526	59.725987	1329.854	
0.25000	1.176987	102.561003	5.465748
13.501944	54.896608	1222.544	
0.50000	1.169683	102.836355	5.465748
12.639700	50.923055	1119.500	
0.75000	1.162579	103.118388	5.465748
11.801269	48.006972	1022.163	
1.00000	1.155739	103.426685	5.465748
10.993377	46.102573	931.926833	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.876338	-9.771250	-1.681795
-390.686248	-7.186085	-786.652057	
0.25000	-1.883142	-9.467264	-1.681795
-391.420381	-9.184415	-803.565471	
0.50000	-1.890237	-9.193860	-1.681795
-392.199001	-11.244921	-820.478884	
0.75000	-1.897561	-8.930627	-1.681795
-393.044403	-13.322354	-837.392846	
1.00000	-1.905622	-8.680067	-1.681795
-394.034523	-15.428621	-854.377816	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.343563	248.486348	6.773402
164.974062	86.373450	3044.348	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	2.343265	248.496219	6.773402
164.937360	81.475558	2781.745	
0.50000	2.342994	248.506420	6.773402
164.905384	77.570194	2548.624	
0.75000	2.342731	248.516869	6.773402
164.874289	74.995709	2358.304	
1.00000	2.342478	248.528293	6.773402
164.844325	73.820219	2210.581	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.974749	-35.473698	-2.705413
-649.015326	-15.235225	-1496.881	
0.25000	-4.975001	-35.462434	-2.705413
-649.042553	-18.077373	-1537.603	
0.50000	-4.975264	-35.452304	-2.705413
-649.071430	-20.919919	-1578.325	
0.75000	-4.975535	-35.442552	-2.705413
-649.102821	-23.774789	-1619.046	
1.00000	-4.975834	-35.433268	-2.705413
-649.139543	-26.640474	-1659.814	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.281771	442.587797	7.141573
465.964141	86.403275	4983.177	
0.25000	5.835002	457.741964	7.141573
423.779871	83.390445	4652.788	
0.50000	5.414665	473.417394	7.141573
385.986819	81.324624	4329.381	
0.75000	5.006552	489.458709	7.141573
354.370890	80.471244	4026.051	
1.00000	4.615162	506.399368	7.141573
332.776326	80.876758	3743.620	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.480388	-170.283975	-5.740517
-609.621132	-50.922887	-2028.161	
0.25000	-9.870490	-153.593554	-5.740517
-616.167683	-48.133160	-2096.987	
0.50000	-10.277922	-138.082437	-5.740517
-637.633399	-49.699310	-2165.813	
0.75000	-10.698387	-123.197271	-5.740517
-659.403035	-49.771723	-2234.701	
1.00000	-11.146015	-109.108967	-5.740517
-688.952152	-50.380035	-2303.675	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.562220	285.268811	1.294219
448.713344	6.092866	3117.868	
0.25000	5.160499	304.083755	1.294219
451.737196	8.458088	2978.196	
0.50000	4.772063	323.738715	1.294219
454.761048	10.845446	2808.704	
0.75000	4.402001	344.026308	1.294219
457.784900	13.267512	2609.395	
1.00000	4.055229	364.775585	1.294219
460.808752	15.885101	2380.992	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.185022	-134.581634	-6.557825
-13.904591	-63.795239	-1034.369	
0.25000	-8.647674	-120.247112	-6.557825
-13.904591	-58.852547	-1087.323	
0.50000	-9.135006	-106.515127	-6.557825
-13.904591	-54.238026	-1140.565	
0.75000	-9.642394	-93.565738	-6.557825
-13.904591	-50.154603	-1193.381	

1.00000 -10.164629 -81.557086 -6.557825
-13.904591 -46.838714 -1246.212
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COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.066507	493.181768	2.048074
678.118614	27.808052	5454.047	
0.25000	7.536189	517.580365	2.048074
672.679927	31.256688	5169.230	
0.50000	7.024020	543.108443	2.048074
667.241240	34.755955	4850.403	
0.75000	6.536409	569.539066	2.048074
661.802553	38.284239	4512.755	
1.00000	6.079577	596.609716	2.048074
656.363865	41.849107	4151.882	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.310971	-200.035802	-8.325878
-180.913129	-90.674626	-1938.642	
0.25000	-13.910421	-181.020541	-8.325878
-180.913129	-84.881689	-2027.243	
0.50000	-14.542757	-162.817315	-8.325878
-180.913129	-79.601835	-2115.754	
0.75000	-15.202451	-145.666733	-8.325878
-180.913129	-74.954449	-2204.418	
1.00000	-15.882924	-129.755173	-8.325878
-180.913129	-70.836112	-2293.082	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.967603	570.694254	6.011790
660.027494	70.127931	6600.051	
0.25000	7.495545	592.429103	6.011790
655.506529	70.362885	6229.488	
0.50000	7.039548	615.168507	6.011790
650.985563	70.890005	5830.424	
0.75000	6.605437	638.709651	6.011790
646.464597	71.801768	5417.520	
1.00000	6.198729	662.818645	6.011790
641.943631	73.148589	4989.194	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.905703	-189.848277	-8.539107
-504.053381	-89.948514	-2631.519	
0.25000	-15.439726	-172.923865	-8.539107
-504.053381	-85.935218	-2781.980	
0.50000	-16.003012	-156.721574	-8.539107
-504.053381	-82.487750	-2884.293	
0.75000	-16.590622	-141.455909	-8.539107
-504.053381	-79.682403	-2986.732	
1.00000	-17.196689	-127.293274	-8.539107
-504.053381	-77.468065	-3089.174	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.186429	138.255863	6.774919
16.097654	66.586739	1896.421	
0.25000	1.179889	138.537257	6.774919
15.322955	61.239978	1771.741	
0.50000	1.173598	138.834305	6.774919
14.575324	56.186145	1648.224	
0.75000	1.167626	139.144479	6.774919
13.864950	51.693854	1525.765	
1.00000	1.162044	139.465075	6.774919
13.201850	47.816393	1405.231	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.464984	-12.506193	-1.313694
-484.048709	-7.539363	-994.829929	
0.25000	-3.471871	-12.267906	-1.313694
-484.590751	-9.832574	-1015.851	
0.50000	-3.479193	-12.040031	-1.313694
-485.192234	-12.223020	-1036.915	
0.75000	-3.486891	-11.825948	-1.313694
-485.845496	-14.659982	-1057.979	
1.00000	-3.494897	-11.627556	-1.313694
-486.540881	-17.122549	-1079.051	
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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.381247	315.645114	8.476629
182.461237	96.787344	4005.450	
0.25000	2.381094	315.651672	8.476629
182.442941	91.264526	3729.707	
0.50000	2.380947	315.658595	8.476629
182.425286	86.241344	3460.836	
0.75000	2.380808	315.665826	8.476629
182.408514	81.868647	3214.906	
1.00000	2.380678	315.673301	8.476629
182.392846	78.211898	2986.954	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.520728	-41.251009	-2.260939
-757.492976	-21.420005	-1891.691	
0.25000	-7.520888	-41.245446	-2.260939
-757.505862	-24.707166	-1942.718	
0.50000	-7.521059	-41.240126	-2.260939
-757.520149	-28.140595	-1993.754	
0.75000	-7.521235	-41.235128	-2.260939
-757.535659	-31.673037	-2044.841	
1.00000	-7.521425	-41.230496	-2.260939
-757.552161	-35.266604	-2095.922	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.433909	507.953717	8.521432
532.846453	96.700796	6055.575	
0.25000	6.082546	523.585500	8.521432
501.817818	93.291139	5699.093	
0.50000	5.743827	540.018869	8.521432
471.729880	90.366114	5323.896	
0.75000	5.421975	557.104755	8.521432
443.209775	88.050071	4945.842	
1.00000	5.120658	574.681869	8.521432
416.765767	86.393105	4560.379	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.945147	-147.991894	-6.052114
-704.368588	-62.911125	-2556.454	
0.25000	-13.328551	-135.299151	-6.052114
-711.971562	-62.287880	-2642.777	
0.50000	-13.734626	-123.138458	-6.052114
-732.095879	-61.995764	-2729.082	
0.75000	-14.159887	-111.703878	-6.052114
-754.288207	-62.058478	-2815.455	
1.00000	-14.600293	-101.104064	-6.052114
-777.978732	-62.337420	-2901.879	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.552643	514.756213	7.141573
558.377917	86.403275	5638.119	
0.25000	6.889820	535.335325	7.141573
558.377917	83.390445	5293.133	
0.50000	6.312570	556.634558	7.141573
558.377917	81.324624	4948.552	
0.75000	5.753107	578.412488	7.141573
558.377917	80.471244	4618.401	
1.00000	5.218458	600.610013	7.141573
558.377917	80.876758	4302.289	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.337304	-242.929554	-7.524870
-649.015326	-77.930515	-2041.840	
0.25000	-11.871184	-218.282252	-7.524870
-649.042553	-72.729302	-2121.887	
0.50000	-12.429498	-194.609737	-7.524870
-649.071430	-68.338323	-2201.935	
0.75000	-13.005602	-171.967951	-7.524870
-659.403035	-65.619232	-2282.108	
1.00000	-13.598621	-150.656178	-7.524870
-688.952152	-64.143868	-2362.319	
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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.066507	570.694254	8.521432
678.118614	96.787344	6600.051	
0.25000	7.536189	592.429103	8.521432
672.679927	93.291139	6229.488	
0.50000	7.039548	615.168507	8.521432
667.241240	90.366114	5830.424	
0.75000	6.605437	638.709651	8.521432
661.802553	88.050071	5417.520	
1.00000	6.198729	662.818645	8.521432
656.363865	86.393105	4989.194	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.905703	-200.035802	-8.539107
-757.492976	-90.674626	-2631.519	
0.25000	-15.439726	-181.020541	-8.539107
-757.505862	-85.935218	-2781.980	
0.50000	-16.003012	-162.817315	-8.539107
-757.520149	-82.487750	-2884.293	
0.75000	-16.590622	-145.666733	-8.539107
-757.535659	-79.682403	-2986.732	
1.00000	-17.196689	-129.755173	-8.539107
-777.978732	-77.468065	-3089.174	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.066507	570.694254	8.521432
678.118614	96.787344	6600.051	
0.25000	7.536189	592.429103	8.521432
672.679927	93.291139	6229.488	
0.50000	7.039548	615.168507	8.521432
667.241240	90.366114	5830.424	
0.75000	6.605437	638.709651	8.521432
661.802553	88.050071	5417.520	
1.00000	6.198729	662.818645	8.521432
656.363865	86.393105	4989.194	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.905703	-242.929554	-8.539107
-757.492976	-90.674626	-2631.519	
0.25000	-15.439726	-218.282252	-8.539107
-757.505862	-85.935218	-2781.980	
0.50000	-16.003012	-194.609737	-8.539107
-757.520149	-82.487750	-2884.293	
0.75000	-16.590622	-171.967951	-8.539107
-757.535659	-79.682403	-2986.732	
1.00000	-17.196689	-150.656178	-8.539107
-777.978732	-77.468065	-3089.174	
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ELEM 9 ========== LENGTH = 4.967457

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.953109	315.207097	0.304848
426.202371	15.100172	2238.167	
0.25000	3.460226	332.393347	0.304848
426.202371	17.694180	2074.934	
0.50000	2.974544	350.156220	0.304848
426.202371	20.312823	1893.028	
0.75000	2.507379	368.236528	0.304848
426.202371	22.975301	1692.370	
1.00000	2.064925	386.204959	0.304848
426.202371	25.655299	1474.137	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.590766	-133.303733	-6.503306
-59.299888	-49.330246	-985.364501	
0.25000	-8.052339	-115.760759	-6.503306
-59.299888	-43.329006	-1042.117	
0.50000	-8.533972	-98.688263	-6.503306
-59.299888	-38.020036	-1098.870	
0.75000	-9.028440	-82.493694	-6.503306
-59.299888	-33.713000	-1155.886	
1.00000	-9.525245	-67.402909	-6.503306
-59.299888	-30.519879	-1213.088	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.888974	525.174626	0.619698
605.344010	36.882360	3794.424	
0.25000	5.228078	547.970440	0.619698
605.344010	40.611231	3457.744	
0.50000	4.589519	571.490645	0.619698
605.344010	44.407733	3118.912	
0.75000	3.974984	595.431883	0.619698
605.344010	48.236933	2789.543	
1.00000	3.391683	619.748680	0.619698
605.344010	52.066588	2468.343	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.492058	-189.472898	-8.178305
-226.474981	-68.136062	-1815.275	
0.25000	-13.100033	-165.684932	-8.178305
-226.474981	-61.003203	-1903.259	
0.50000	-13.733188	-142.996564	-8.178305
-226.474981	-54.630553	-1991.244	
0.75000	-14.383014	-121.445985	-8.178305
-226.474981	-49.367736	-2079.458	
1.00000	-15.048971	-101.296114	-8.178305
-226.474981	-45.317675	-2167.978	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.133668	583.533328	4.664787
616.171804	69.951633	4302.297	
0.25000	5.547529	603.760975	4.664787
616.171804	69.755948	3876.354	
0.50000	4.980672	624.633110	4.664787
616.171804	70.085452	3457.957	
0.75000	4.435155	645.878845	4.664787
616.171804	71.343101	3064.309	
1.00000	3.917418	667.435742	4.664787
616.171804	73.385295	2695.890	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.643159	-175.910439	-7.821187
-527.733985	-68.666282	-2362.240	
0.25000	-14.182819	-154.824291	-7.821187
-527.733985	-63.913170	-2450.033	
0.50000	-14.744883	-134.693815	-7.821187
-527.733985	-59.841292	-2537.846	
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REL DIST	P	V2	V3
T	M2	M3	
0.75000	-15.321754	-115.574070	-7.821187
-527.733985	-56.763453	-2625.866	
1.00000	-15.912390	-97.699901	-7.821187
-527.733985	-54.775133	-2714.179	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.469708	115.596495	6.672835
66.907276	50.454723	930.899535	
0.25000	1.461762	115.859866	6.672835
65.888064	43.869781	806.943908	
0.50000	1.454598	116.130585	6.672835
65.003759	38.088084	689.669481	
0.75000	1.447688	116.406089	6.672835
64.152138	33.315254	580.694497	
1.00000	1.441093	116.707317	6.672835
63.338704	29.493920	482.293442	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.447363	-8.672673	-0.251287
-440.600393	-17.105381	-854.294304	
0.25000	-2.454216	-8.376136	-0.251287
-441.372402	-19.701414	-857.404646	
0.50000	-2.461319	-8.111778	-0.251287
-442.184431	-22.352810	-860.514988	
0.75000	-2.468599	-7.859420	-0.251287
-443.024961	-25.028860	-863.743026	
1.00000	-2.476597	-7.621302	-0.251287
-444.044363	-27.731281	-867.409170	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.367016	281.233056	8.174667
223.507204	78.964711	2209.180	
0.25000	2.366721	281.242813	8.174667
223.469405	71.984992	1909.021	
0.50000	2.366456	281.252843	8.174667
223.436612	65.961616	1640.656	
0.75000	2.366200	281.263050	8.174667
223.405030	61.213316	1421.286	
1.00000	2.365955	281.274212	8.174667
223.374863	57.835795	1251.981	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.212212	-24.550436	-0.952956
-710.192830	-28.704325	-1659.632	
0.25000	-6.212466	-24.539448	-0.952956
-710.221462	-32.203994	-1684.228	
0.50000	-6.212729	-24.529654	-0.952956
-710.251577	-35.709826	-1708.825	
0.75000	-6.212998	-24.520304	-0.952956
-710.282752	-39.261941	-1733.447	
1.00000	-6.213295	-24.511481	-0.952956
-710.320598	-42.815618	-1758.535	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.505712	499.860247	7.532666
532.666156	85.902479	3742.670	
0.25000	5.063892	514.797890	7.532666
488.800471	81.363142	3345.358	
0.50000	4.651355	530.184121	7.532666
455.767922	77.716099	2960.945	
0.75000	4.253889	545.843730	7.532666
425.716730	75.200510	2605.904	
1.00000	3.875633	562.347110	7.532666
412.082326	73.943381	2282.080	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.487505	-134.611117	-4.843858
-671.908286	-56.499743	-2303.521	
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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-11.881132	-118.413639	-4.843858
-671.908286	-55.266446	-2367.042	
0.50000	-12.290175	-103.483763	-4.843858
-686.073153	-54.361870	-2430.564	
0.75000	-12.709682	-89.265484	-4.843858
-708.549587	-53.978742	-2494.169	
1.00000	-13.154651	-75.911437	-4.843858
-730.580502	-54.101444	-2558.384	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.827937	352.441770	0.333137
547.000497	18.172367	2382.310	
0.25000	4.465755	372.438465	0.333137
550.024072	21.984843	2161.718	
0.50000	4.117897	393.200290	0.333137
553.047648	26.181000	1917.767	
0.75000	3.789994	414.545585	0.333137
556.071223	30.912215	1682.470	
1.00000	3.486973	436.244136	0.333137
559.093365	36.329687	1466.584	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.203652	-106.091261	-8.594013
-76.390667	-50.208231	-1246.305	
0.25000	-10.711894	-93.274578	-8.594013
-76.390667	-43.393118	-1317.528	
0.50000	-11.243672	-81.056715	-8.594013
-76.390667	-37.245683	-1399.870	
0.75000	-11.793982	-69.642189	-8.594013
-76.390667	-32.097654	-1536.226	
1.00000	-12.356864	-59.211072	-8.594013
-76.390667	-28.174952	-1730.545	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.844989	601.031899	0.886303
781.179714	44.332168	4153.231	
0.25000	6.362260	626.905660	0.886303
775.741524	49.364645	3734.368	
0.50000	5.899721	653.824216	0.886303
770.303335	54.918086	3289.030	
0.75000	5.463921	681.533891	0.886303
764.865145	61.142630	2882.030	
1.00000	5.061222	709.755713	0.886303
759.426955	68.196286	2535.982	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.495001	-157.376389	-10.595755
-251.290487	-75.969930	-2293.045	
0.25000	-17.150715	-140.181481	-10.595755
-251.290487	-67.968543	-2403.417	
0.50000	-17.837588	-123.845107	-10.595755
-251.290487	-60.937775	-2525.864	
0.75000	-18.549155	-108.580173	-10.595755
-251.290487	-55.150056	-2729.738	
1.00000	-19.278768	-94.625086	-10.595755
-251.290487	-50.673777	-3037.365	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.091683	687.054374	6.117305
792.377345	78.764016	4989.472	
0.25000	6.662101	710.105362	6.117305
787.856793	79.260555	4467.120	
0.50000	6.250465	734.085766	6.117305
783.336241	80.549811	3923.719	
0.75000	5.862608	758.769132	6.117305
778.815689	82.954904	3419.759	
1.00000	5.504215	783.907499	6.117305
774.295136	86.767610	2992.260	
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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	

```
 0.00000    -18.654510  -150.719102     -9.900000
-633.461257   -82.853572    -3088.983
 0.25000    -19.238751  -135.420851     -9.900000
-633.461257   -77.649735    -3213.995
 0.50000    -19.850733  -120.886541     -9.900000
-633.461257   -73.882191    -3356.149
 0.75000    -20.484661  -107.303288     -9.900000
-633.461257   -71.477118    -3551.547
 1.00000    -21.134695   -94.886677     -9.900000
-633.461257   -70.600127    -3856.374

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    1.719486   153.411722    8.852342
84.761243   52.569368   1403.790
 0.25000    1.713342   153.707465    8.852342
83.957425   44.720639   1249.721
 0.50000    1.707482   154.017499    8.852342
83.188453   37.595320   1096.850
 0.75000    1.701982   154.338975    8.852342
82.464234   31.710634   946.366289
 1.00000    1.696907   154.668852    8.852342
81.794620   27.200248   808.695738

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -4.526460  -13.543573    -0.298242
-590.227625  -19.302644   -1078.957
 0.25000   -4.533876  -13.320181    -0.298242
-590.786398  -22.545949   -1081.951
 0.50000   -4.541695  -13.108677    -0.298242
-591.400903  -26.307228   -1084.996
 0.75000   -4.549848  -12.911905    -0.298242
-592.062183  -30.822134   -1088.681
 1.00000   -4.558261  -12.732144    -0.298242
-592.760218  -36.142608   -1110.644

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    2.677126   363.175762   10.832625
262.723300   84.487688   2985.062
 0.25000    2.676983   363.182652   10.832625
262.704325   76.347896   2635.206
 0.50000    2.676846   363.189876   10.832625
262.686174   69.047310   2293.072
 0.75000    2.676717   363.197368   10.832625
262.669079   62.920450   1984.195
 1.00000    2.676599   363.205057   10.832625
262.653274   58.253732   1733.591

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -9.600422  -34.304020    -0.939702
-891.778074  -38.015906   -2095.667
 0.25000   -9.600595  -34.298800    -0.939702
-891.791363  -42.784794   -2125.628
 0.50000   -9.600777  -34.293859    -0.939702
-891.805964  -48.031388   -2155.601
 0.75000   -9.600967  -34.289262    -0.939702
-891.821669  -53.918262   -2199.801
 1.00000   -9.601163  -34.285062    -0.939702
-891.838242  -60.651427   -2302.757

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    6.130419   599.562067   10.016412
640.500167   92.726607   4559.354
 0.25000    5.805408   616.074010   10.016412
608.076040   87.637748   4075.836
 0.50000    5.494752   633.311778   10.016412
576.652133   83.677086   3577.412
 0.75000    5.202580   651.127777   10.016412
547.035259   81.184239   3113.654
 1.00000    4.932710   669.337023   10.016412
519.784790   80.512349   2717.580
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 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -16.261649  -121.211147    -6.005253
-835.675950  -68.959137   -2901.629
 0.25000   -16.677825  -109.496226    -6.005253
-838.072574  -68.362238   -2980.235
 0.50000   -17.115263   -98.407171    -6.005253
-858.411502  -68.750485   -3063.997
 0.75000   -17.569991   -88.060274    -6.005253
-880.668505  -70.348116   -3201.401
 1.00000   -18.037573   -78.607091    -6.005253
-904.273085  -73.347734   -3438.393

 COMB       DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    6.133668   583.533328    8.174667
616.171804   85.902479   4302.297
 0.25000    5.547529   603.760975    8.174667
616.171804   81.363142   3876.354
 0.50000    4.980672   624.633110    8.174667
616.171804   77.716099   3457.957
 0.75000    4.435155   645.878845    8.174667
616.171804   75.200510   3064.309
 1.00000    3.917418   667.435742    8.174667
616.171804   73.943381   2695.890

 COMB       DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -13.643159  -189.472898    -8.178305
-710.192830  -68.666282   -2362.240
 0.25000  -14.182819  -165.684932    -8.178305
-710.221462  -63.913170   -2450.033
 0.50000  -14.744883  -142.996564    -8.178305
-710.251577  -59.841292   -2537.846
 0.75000  -15.321754  -121.445985    -8.178305
-710.282752  -56.763453   -2625.866
 1.00000  -15.912390  -101.296114    -8.178305
-730.580502  -54.775133   -2714.179

 COMB       DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    7.091683   687.054374   10.832625
792.377345   92.726607   4989.472
 0.25000    6.662101   710.105362   10.832625
787.856793   87.637748   4467.120
 0.50000    6.250465   734.085766   10.832625
783.336241   83.677086   3923.719
 0.75000    5.862608   758.769132   10.832625
778.815689   82.954904   3419.759
 1.00000    5.504215   783.907499   10.832625
774.295136   86.767610   2992.260

 COMB       DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -18.654510  -157.376389   -10.595755
-891.778074  -82.853572   -3088.983
 0.25000  -19.238751  -140.181481   -10.595755
-891.791363  -77.649735   -3213.995
 0.50000  -19.850733  -123.846107   -10.595755
-891.805964  -73.882191   -3356.149
 0.75000  -20.484661  -108.580173   -10.595755
-891.821669  -71.477118   -3551.547
 1.00000  -21.134695   -94.886677   -10.595755
-904.273085  -73.347734   -3856.374

 COMB       CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    7.091683   687.054374   10.832625
792.377345   92.726607   4989.472
 0.25000    6.662101   710.105362   10.832625
787.856793   87.637748   4467.120
 0.50000    6.250465   734.085766   10.832625
783.336241   83.677086   3923.719
 0.75000    5.862608   758.769132   10.832625
778.815689   82.954904   3419.759
 1.00000    5.504215   783.907499   10.832625
774.295136   86.767610   2992.260
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 COMB       CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -18.654510  -189.472898   -10.595755
-891.778074  -82.853572   -3088.983
 0.25000  -19.238751  -165.684932   -10.595755
-891.791363  -77.649735   -3213.995
 0.50000  -19.850733  -142.996564   -10.595755
-891.805964  -73.882191   -3356.149
 0.75000  -20.484661  -121.445985   -10.595755
-891.821669  -71.477118   -3551.547
 1.00000  -21.134695  -101.296114   -10.595755
-904.273085  -73.347734   -3856.374

 COMB   DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    7.091683   687.054374   10.832625
792.377345   92.726607   4989.472
 0.25000    6.662101   710.105362   10.832625
787.856793   87.637748   4467.120
 0.50000    6.250465   734.085766   10.832625
783.336241   83.677086   3923.719
 0.75000    5.862608   758.769132   10.832625
778.815689   82.954904   3419.759
 1.00000    5.504215   783.907499   10.832625
774.295136   86.767610   2992.260

 COMB   DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -18.654510  -189.472898   -10.595755
-891.778074  -82.853572   -3088.983
 0.25000  -19.238751  -165.684932   -10.595755
-891.791363  -77.649735   -3213.995
 0.50000  -19.850733  -142.996564   -10.595755
-891.805964  -73.882191   -3356.149
 0.75000  -20.484661  -121.445985   -10.595755
-891.821669  -71.477118   -3551.547
 1.00000  -21.134695  -101.296114   -10.595755
-904.273085  -73.347734   -3856.374

 ELEM      10 ========== LENGTH =
4.967005

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    2.537063   361.469544    0.111215
442.429229   27.734991   1475.055
 0.25000    2.199998   378.555245    0.111215
442.429229   29.682606   1270.677
 0.50000    2.199998   396.096205    0.111215
442.429229   31.728966   1051.234
 0.75000    2.199998   413.833201    0.111215
442.429229   33.839032   815.981694
 1.00000    2.199998   431.372862    0.111215
442.429229   35.962424   568.539781

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -8.933753  -88.497241    -6.676591
-141.040210  -32.414844   -1213.387
 0.25000   -9.396699  -71.507331    -6.676591
-141.040210  -25.958738   -1295.503
 0.50000   -9.875800  -56.075415    -6.676591
-141.040210  -20.135561   -1377.625
 0.75000  -10.363655  -41.688912    -6.676591
-141.040210  -15.250508   -1459.893
 1.00000  -10.850531  -28.302252    -6.676591
-141.040210  -11.436791   -1542.427

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    3.915606   594.950210    0.296734
621.687768   53.189233   2469.110
 0.25000    3.274577   617.622529    0.296734
621.687768   55.833677   2074.574
 0.50000    3.087083   640.827504    0.296734
621.687768   58.602865   1684.559
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 REL DIST          P          V2          V3
    T          M2         M3
 0.75000    3.087083   664.265488    0.296734
621.687768   61.434950   1313.469
 1.00000    3.087083   687.946626    0.296734
621.687768   64.323718   967.126580

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -14.534359  -128.269100    -8.249609
-326.542840  -48.946607   -2168.206
 0.25000  -15.142649  -105.196440    -8.249609
-326.542840  -41.077936   -2286.346
 0.50000  -15.770316   -84.349226    -8.249609
-326.542840  -33.900063   -2404.487
 0.75000  -16.408743   -65.093571    -8.249609
-326.542840  -27.764800   -2522.629
 1.00000  -17.058686   -47.136755    -8.249609
-326.542840  -22.800425   -2641.258

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    4.575186   654.057708    4.470337
686.875238   77.048733   2695.936
 0.25000    4.006648   674.175358    4.470337
686.875238   75.703949   2218.087
 0.50000    3.856083   694.768657    4.470337
686.875238   74.906534   1832.115
 0.75000    3.856083   715.569795    4.470337
686.875238   75.114994   1497.632
 1.00000    3.856083   736.565461    4.470337
686.875238   76.032659   1190.949

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -15.839662  -126.802585    -7.667894
-628.690889   -59.740119   -2714.158
 0.25000  -16.379665  -106.351940    -7.667894
-628.690889   -53.948118   -2815.795
 0.50000  -16.936950   -87.869301    -7.667894
-628.690889   -48.800971   -2917.529
 0.75000  -17.503817   -70.790289    -7.667894
-628.690889   -44.589077   -3019.595
 1.00000  -18.080363   -54.864967    -7.667894
-628.690889   -41.463756   -3122.130

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    1.860850   120.067029    6.868393
151.402837   32.593293   481.171631
 0.25000    1.853161   120.329346    6.868393
150.358658   25.378513   369.841640
 0.50000    1.846220   120.595576    6.868393
149.448779   18.908756   374.200873
 0.75000    1.839699   120.863372    6.868393
148.580698   13.317098   378.267535
 1.00000    1.836007   121.155145    6.868393
147.756766    8.744245   382.074168

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -2.788110  -26.219791    -0.095999
-458.298839  -30.336585  -867.126622
 0.25000   -2.794906  -25.930798    -0.095999
-459.122483  -32.221148  -848.371545
 0.50000   -2.801860  -25.674319    -0.095999
-459.969087  -34.254468  -830.064027
 0.75000   -2.808901  -25.444374    -0.095999
-460.839651  -36.332393  -812.425552
 1.00000   -2.816599  -25.228895    -0.095999
-461.873950  -38.469328  -795.303186

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    2.588017   301.854234    8.310781
323.188573   60.925913   1250.513
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 REL DIST          P          V2          V3
    T          M2         M3
 0.25000    2.587733   301.863953    8.310781
323.149851   53.057442   948.974842
 0.50000    2.587475   301.873816    8.310781
323.116114   46.107972   826.368296
 0.75000    2.587234   301.883737    8.310781
323.083926   40.273341   758.076370
 1.00000    2.587096   301.894549    8.310781
323.053375   35.860020   732.815781

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -7.082749  -36.314923    -0.510671
-738.564071  -46.035220   -1758.082
 0.25000   -7.083001  -36.304214    -0.510671
-738.594616  -48.566612   -1756.946
 0.50000   -7.083258  -36.294711    -0.510671
-738.626010  -51.209939   -1756.440
 0.75000   -7.083519  -36.286191    -0.510671
-738.658334  -53.911097   -1756.150
 1.00000   -7.083804  -36.278207    -0.510671
-738.696690  -56.619483   -1756.954

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    4.720103   551.254500    7.530558
602.244883   77.424238   2281.085
 0.25000    4.292030   566.121535    7.530558
566.477961   71.583690   1854.978
 0.50000    3.894183   581.277950    7.530558
535.963265   66.632180   1575.405
 0.75000    3.749764   596.553190    7.530558
512.218168   62.734792   1332.099
 1.00000    3.749764   612.583995    7.530558
512.218168   60.127244   1118.537

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -13.217794  -114.262763    -4.565303
-740.054083  -60.494124   -2558.096
 0.25000  -13.609918   -98.514127    -4.565303
-740.054083  -57.959304   -2613.969
 0.50000  -14.012986   -84.416996    -4.565303
-740.054083  -55.806688   -2670.416
 0.75000  -14.422016   -71.588678    -4.565303
-747.654106  -55.339870   -2727.058
 1.00000  -14.853587   -59.581254    -4.565303
-775.593865  -57.896357   -2784.725

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    4.009156   442.791411    0.168019
595.320772   40.107487   1467.435
 0.25000    3.702144   464.340556    0.168019
598.343788   44.563749   1295.149
 0.50000    3.411362   486.583978    0.168019
601.367104   49.579180   1139.117
 0.75000    3.177596   509.321195    0.168019
604.390420   55.302095   996.696820
 1.00000    3.108732   532.372872    0.168019
607.413736   61.759569   867.301979

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -12.718745  -75.429590    -8.597698
-182.685344   -30.360432   -1729.873
 0.25000  -13.273744  -64.396031    -8.597698
-182.685344   -24.309149   -2017.981
 0.50000  -13.849781  -54.040932    -8.597698
-182.685344   -19.007007   -2357.673
 0.75000  -14.441794  -44.514660    -8.597698
-182.685344   -14.816942   -2745.366
 1.00000  -15.045011  -35.932608    -8.597698
-182.685344   -11.883520   -3179.694
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 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.596984   738.058903    0.524487
827.707907   72.430797   2536.792
 0.25000    5.182011   765.827385    0.524487
822.270184   78.150672   2201.997
 0.50000    4.789662   794.489995    0.524487
816.832461   84.622920   1918.108
 0.75000    4.426457   823.828780    0.524487
811.394738   91.947973   1692.574
 1.00000    4.252221   853.598752    0.524487
805.957015  100.242575   1514.991

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -20.231804  -115.025325   -10.488615
-379.090262   -54.451180   -3036.531
 0.25000  -20.943607   -99.991948   -10.488615
-379.090262   -47.212422   -3489.832
 0.50000  -21.682760   -85.935367   -10.488615
-379.090262   -41.077334   -4035.167
 0.75000  -22.443052   -73.015114   -10.488615
-379.090262   -36.354180   -4663.717
 1.00000  -23.218402   -61.361172   -10.488615
-379.090262   -33.043268   -5372.631

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    6.480557   821.925852    5.725990
907.254673   93.001469   2992.075
 0.25000    6.111407   846.662662    5.725990
902.734509   94.357094   2567.678
 0.50000    5.762419   872.208443    5.725990
898.214345   96.762875   2231.505
 0.75000    5.439343   898.349144    5.725990
893.694180  100.510415   1987.028
 1.00000    5.288612   924.873251    5.725990
889.174016  105.934971   1807.848

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -22.793202  -119.830188    -9.642222
-785.444330   -76.012939   -3855.477
 0.25000  -23.427524  -106.462800    -9.642222
-785.444330   -71.980042   -4294.815
 0.50000  -24.086249   -93.962926    -9.642222
-785.444330   -69.217763   -4843.062
 0.75000  -24.763791   -82.472934    -9.642222
-785.444330   -68.052237   -5490.697
 1.00000  -25.454728   -72.109109    -9.642222
-785.444330   -68.546610   -6231.271

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    2.595430   159.910167    8.842549
195.220326   30.621350   807.202102
 0.25000    2.589883   160.222397    8.842549
194.410399   23.893021   677.684819
 0.50000    2.584679   160.546063    8.842549
193.650560   17.996066   602.476147
 0.75000    2.579875   160.878552    8.842549
192.947667   13.256543   555.759083
 1.00000    2.575520   161.217565    8.842549
192.306110    9.942114   530.418690

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.313870  -34.151761    -0.132008
-640.452703   -39.829714   -1110.694
 0.25000   -5.321731  -33.946857    -0.132008
-641.045018   -44.132846   -1135.242
 0.50000   -5.329924  -33.755934    -0.132008
-641.681556   -49.078748   -1192.203
 0.75000   -5.338383  -33.581631    -0.132008
-642.353381   -54.814161   -1279.628
 1.00000   -5.347036  -33.425007    -0.132008
-643.051682   -61.433689   -1392.250
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 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    3.489216   400.909509   10.664098
395.609504   62.847020   1731.737
 0.25000    3.489087   400.916779   10.664098
395.590390   55.364594   1436.312
 0.50000    3.488965   400.924317   10.664098
395.572459   48.888481   1241.518
 0.75000    3.488853   400.932066   10.664098
395.555877   43.709742   1133.718
 1.00000    3.488751   400.939955   10.664098
395.540743   40.038477   1088.192

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -11.361823   -50.906086    -0.597777
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-965.191304  -65.117655   -2302.788
 0.25000     -11.362006   -50.901293     -0.597777
-965.205376  -70.453604   -2444.312
 0.50000     -11.362197   -50.896828     -0.597777
-965.220485  -76.446697   -2656.399
 0.75000     -11.362394   -50.892752     -0.597777
-965.236420  -83.286081   -2932.102
 1.00000     -11.362595   -50.889089     -0.597777
-965.252983  -91.042926   -3263.258

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     6.237356     696.738079     9.718217
763.015830   86.109580    2716.344
 0.25000     5.950759     714.314318     9.718217
729.864647   82.231549    2321.411
 0.50000     5.680882     732.495169     9.718217
698.475477   79.710446    2027.929
 0.75000     5.431392     751.134112     9.718217
669.261608   78.982095    1822.344
 1.00000     5.205027     770.092898     9.718217
644.920232   80.603189    1681.831

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -19.571660   -114.650590     -5.705335
-952.291897  -80.646436   -3438.025
 0.25000    -20.018378   -104.149217     -5.705335
-952.963150  -81.161307   -3776.661
 0.50000    -20.483105   -94.365885      -5.705335
-969.259771  -82.846643   -4218.969
 0.75000    -20.961900   -85.399723      -5.705335
-992.727687  -86.147069   -4755.165
 1.00000    -21.451109   -77.304473      -5.705335
-1017.307  -91.908521   -5377.087

 COMB     DB ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     4.720103     654.057708     8.310781
686.875238   77.424238    2695.936
 0.25000     4.292030     674.175358     8.310781
686.875238   75.703949    2218.087
 0.50000     3.894183     694.768657     8.310781
686.875238   74.906534    1832.115
 0.75000     3.856083     715.569795     8.310781
686.875238   75.114994    1497.632
 1.00000     3.856083     736.565461     8.310781
686.875238   76.032659    1190.949

 COMB     DB ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -15.839662   -128.269100     -8.249609
-740.054083  -60.494124   -2714.158
 0.25000    -16.379665   -106.351940     -8.249609
-740.054083  -57.959304   -2815.795
 0.50000    -16.936950   -87.869301      -8.249609
-740.054083  -55.806688   -2917.529
 0.75000    -17.503817   -71.588678      -8.249609
-747.654106  -55.339870   -3019.595
 1.00000    -18.080363   -59.581254      -8.249609
-775.593865  -57.896357   -3122.130
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 COMB     DL ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     6.480557     821.925852     10.664098
907.254673   93.001469    2992.075
 0.25000     6.111407     846.662662     10.664098
902.734509   94.357094    2567.678
 0.50000     5.762419     872.208443     10.664098
898.214345   96.762875    2231.505
 0.75000     5.439343     898.349144     10.664098
893.694180   100.510415   1987.028
 1.00000     5.288612     924.873251     10.664098
889.174016   105.934971   1807.848

 COMB     DL ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -22.793202   -119.830188     -10.488615
-965.191304  -80.646436   -3855.477
 0.25000    -23.427524   -106.462800     -10.488615
-965.205376  -81.161307   -4294.815
 0.50000    -24.086249   -94.365885      -10.488615
-969.259771  -82.846643   -4843.062
 0.75000    -24.763791   -85.399723      -10.488615
-992.727687  -86.147069   -5490.697
 1.00000    -25.454728   -77.304473      -10.488615
-1017.307  -91.908521   -6231.271

 COMB     CAR ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     6.480557     821.925852     10.664098
907.254673   93.001469    2992.075
 0.25000     6.111407     846.662662     10.664098
902.734509   94.357094    2567.678
 0.50000     5.762419     872.208443     10.664098
898.214345   96.762875    2231.505
 0.75000     5.439343     898.349144     10.664098
893.694180   100.510415   1987.028
 1.00000     5.288612     924.873251     10.664098
889.174016   105.934971   1807.848

 COMB     CAR ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -22.793202   -128.269100     -10.488615
-965.191304  -80.646436   -3855.477
 0.25000    -23.427524   -106.462800     -10.488615
-965.205376  -81.161307   -4294.815
 0.50000    -24.086249   -94.365885      -10.488615
-969.259771  -82.846643   -4843.062
 0.75000    -24.763791   -85.399723      -10.488615
-992.727687  -86.147069   -5490.697
 1.00000    -25.454728   -77.304473      -10.488615
-1017.307  -91.908521   -6231.271

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     6.480557     821.925852     10.664098
907.254673   93.001469    2992.075
 0.25000     6.111407     846.662662     10.664098
902.734509   94.357094    2567.678
 0.50000     5.762419     872.208443     10.664098
898.214345   96.762875    2231.505
 0.75000     5.439343     898.349144     10.664098
893.694180   100.510415   1987.028
 1.00000     5.288612     924.873251     10.664098
889.174016   105.934971   1807.848

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -22.793202   -128.269100     -10.488615
-965.191304  -80.646436   -3855.477
 0.25000    -23.427524   -106.462800     -10.488615
-965.205376  -81.161307   -4294.815
 0.50000    -24.086249   -94.365885      -10.488615
-969.259771  -82.846643   -4843.062
 0.75000    -24.763791   -85.399723      -10.488615
-992.727687  -86.147069   -5490.697
 1.00000    -25.454728   -77.304473      -10.488615
-1017.307  -91.908521   -6231.271
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 ELEM       11 ================== LENGTH =
4.967662

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     2.413520     423.789712     1.750885
408.077706   38.534309    568.897077
 0.25000     2.413520     440.915553     1.750885
408.077706   38.187798    437.787004
 0.50000     2.413520     458.226870     1.750885
408.077706   37.967643    453.683545
 0.75000     2.413520     475.445889     1.750885
408.077706   37.903879    469.580111
 1.00000     2.413520     492.167675     1.750885
408.077706   37.958866    485.477083

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -10.828317    -32.623763     -4.972632
-242.863306  -11.811801    -1543.059
 0.25000    -11.298545    -21.398659     -4.972632
-242.863306  -7.659996     -1657.830
 0.50000    -11.776961    -13.637158     -4.972632
-242.863306  -4.520077     -1772.807
 0.75000    -12.255690    -13.103228     -4.972632
-242.863306  -4.250763     -2034.752
 1.00000    -12.724636    -13.103228     -4.972632
-242.863306  -4.206682     -2382.689

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     3.139134     682.095990     2.362566
590.424640   68.955702    967.599594
 0.25000     3.139134     704.899897     2.362566
590.424640   68.008056    808.000467
 0.50000     3.139134     727.905990     2.362566
590.424640   67.284058    834.046817
 0.75000     3.139134     750.794061     2.362566
590.424640   66.764643    860.093168
 1.00000     3.139134     773.577873     2.362566
590.424640   66.392083    886.139534

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -17.216045    -56.760672     -6.092088
-450.148613  -24.581263    -2641.824
 0.25000    -17.835155    -38.277481     -6.092088
-450.148613  -20.331235    -2798.532
 0.50000    -18.463885    -27.504357     -6.092088
-450.148613  -20.241842    -2955.239
 0.75000    -19.093061    -21.925508     -6.092088
-450.148613  -20.152450    -3360.434
 1.00000    -19.723446    -21.925900     -6.092088
-450.148613  -20.063057    -3930.636

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     4.194676     730.741906     5.377928
729.426522   81.911615    1191.356
 0.25000     4.194676     750.973016     5.377928
729.426522   78.505686    1054.912
 0.50000     4.194676     771.385382     5.377928
729.426522   75.999232    1083.600
 0.75000     4.194676     791.692838     5.377928
729.426522   73.805020    1112.315
 1.00000     4.194676     811.884372     5.377928
729.426522   72.277136    1141.066

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -18.398968    -76.631663     -6.646486
-717.732697  -45.275772    -3122.216
 0.25000    -18.948523    -60.382260     -6.646486
-717.732697  -41.158335    -3242.268
 0.50000    -19.506667    -50.842992     -6.646486
-717.732697  -41.023634    -3362.869
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 REL DIST            P            V2            V3
    T            M2           M3
 0.75000    -20.065205    -46.097864     -6.646486
-717.732697  -40.950880    -3769.398
 1.00000    -20.624219    -46.098111     -6.646486
-717.732697  -40.956947    -4407.511

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     2.396314     111.143342     5.132826
256.246572   9.989664     382.057017
 0.25000     2.389369     111.410334     5.132826
255.206694   5.411576     385.066334
 0.50000     2.389309     111.678508     5.132826
254.331430   4.792583     389.908765
 0.75000     2.389309     111.945402     5.132826
253.493907   4.743173     394.787385
 1.00000     2.389309     112.233729     5.132826
252.699842   4.695323     399.666005

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -2.808323    -50.825592     -1.804494
-423.118751  -41.809791   -794.743633
 0.25000    -2.815291    -50.565781     -1.804494
-424.004794  -41.302197   -750.000754
 0.50000    -2.822336    -50.341937     -1.804494
-424.948826  -40.982347   -707.059574
 0.75000    -2.829386    -50.184436     -1.804494
-425.917401  -40.796227   -721.988515
 1.00000    -2.837028    -50.062971     -1.804494
-427.002424  -40.736317   -842.439325

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     3.027932     303.995891     6.434332
456.806408   39.629074    732.789159
 0.25000     3.027675     304.005784     6.434332
456.767850   33.730552    745.622607
 0.50000     3.027671     304.015719     6.434332
456.735400   28.855624    758.580084
 0.75000     3.027671     304.025608     6.434332
456.704350   25.490619    771.610747
 1.00000     3.027671     304.036292     6.434332
456.674909   23.638524    784.641410

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -7.539998    -62.296696     -2.355861
-704.650947  -60.790459   -1756.117
 0.25000    -7.540256    -62.287068     -2.355861
-704.683801  -60.275101   -1724.155
 0.50000    -7.540517    -62.278774     -2.355861
-704.718843  -59.918248   -1693.833
 0.75000    -7.540779    -62.272927     -2.355861
-704.754755  -59.747581   -1808.995
 1.00000    -7.541062    -62.268412     -2.355861
-704.794988  -59.721870   -2111.845

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     4.245607     596.159351     6.842188
663.653522   64.840795    1118.821
 0.25000     4.245607     611.203436     6.842188
630.813909   59.121348    1031.085
 0.50000     4.245607     626.347852     6.842188
617.814900   54.470673    1054.778
 0.75000     4.245607     641.419766     6.842188
617.814900   51.189651    1078.535
 1.00000     4.245607     657.045648     6.842188
617.814900   49.818718    1102.292

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -14.931908    -98.569976     -5.204568
-762.895095  -62.018647   -2784.265
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 REL DIST            P            V2            V3
    T            M2           M3
 0.25000    -15.332427    -84.632829     -5.204568
-762.895095  -61.520271   -2832.037
 0.50000    -15.738401    -74.810609     -5.204568
-762.895095  -61.159523   -2881.299
 0.75000    -16.144561    -67.506274     -5.204568
-787.500012  -60.968214   -3173.759
 1.00000    -16.567696    -65.696749     -5.204568
-819.920969  -60.902616   -3707.776

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     3.406397     563.463558     1.386144
567.332580   66.879368    867.601747
 0.25000     3.348318     587.090645     1.386144
570.356280   68.419522    757.805033
 0.50000     3.308393     611.256489     1.386144
573.379981   70.448729    660.353467
 0.75000     3.286122     635.771760     1.386144
576.403682   73.022596    622.915042
 1.00000     3.280421     660.441250     1.386144
579.136440   75.986694    634.214423

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -16.197516    -42.082172     -5.182258
-316.625880  -12.848051    -3178.808
 0.25000    -16.818849    -33.555524     -5.182258
-316.625880  -9.736333     -3715.470
 0.50000    -17.456844    -25.787221     -5.182258
-316.625880  -7.362788     -4298.348
 0.75000    -18.106460    -18.906431     -5.182258
-316.625880  -6.019783     -4927.676
 1.00000    -18.762614    -18.489573     -5.182258
-316.334891  -5.802286     -5605.463

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     4.484027     910.413004     1.898292
785.983160   106.416885   1515.261
 0.25000     4.396395     940.713634     1.898292
780.544745   108.278714   1322.156
 0.50000     4.333357     971.743292     1.898292
775.106330   110.921382   1187.266
 0.75000     4.294341     1003.264       1.898292
770.339650   114.497826   1137.323
 1.00000     4.278276     1035.050       1.898292
767.710615   118.295473   1157.377

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -25.179061    -70.481176     -6.385061
-536.558709  -35.138620   -5371.683
 0.25000    -25.971760    -58.481739     -6.385061
-536.558709  -31.197817   -6215.930
 0.50000    -26.786707    -47.539176     -6.385061
-536.558709  -29.446832   -7135.404
 0.75000    -27.617607    -37.776568     -6.385061
-537.230444  -29.283745   -8132.725
 1.00000    -28.458015    -33.973020     -6.385061
-540.039789  -29.265829   -9193.663

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     6.132107     978.914747     5.007375
960.347597   112.830298   1807.911
 0.25000     6.054473     1005.919       5.007375
955.826858   112.317154   1615.677
 0.50000     5.998707     1033.572       5.007375
951.306119   112.884570   1496.050
 0.75000     5.964301     1061.660       5.007375
947.232898   114.770343   1458.031
 1.00000     5.950302     1089.983       5.007375
944.991816   117.366424   1482.613
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 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -27.736316    -96.425140     -6.688730
-912.931682  -73.367614    -6230.575
 0.25000    -28.442918    -85.768457     -6.688730
-912.931682  -70.441318    -7078.014
 0.50000    -29.169319    -76.051034     -6.688730
-912.931682  -69.655673    -8028.680
 0.75000    -29.909899    -67.382472     -6.688730
-913.379201  -70.611584    -9071.734
 1.00000    -30.658914    -64.107305     -6.688730
-915.658818  -72.028167    -10173.462

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     3.710975     149.464699     5.355955
333.436511   11.730891    530.100306
 0.25000     3.706084     149.799282     5.355955
332.660972   8.259655     515.040879
 0.50000     3.701566     150.144085     5.355955
331.934560   6.252098     511.377582
 0.75000     3.698061     150.496756     5.355955
331.264638   5.925400     514.136605
 1.00000     3.697476     150.854535     5.355955
330.657559   5.949112     520.254718

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -5.650651    -65.872902     -1.444011
-607.493249  -66.557624   -1392.995
 0.25000    -5.659224    -65.692486     -1.444011
-608.143843  -68.084347   -1469.228
 0.50000    -5.668089    -65.527099     -1.444011
-608.841388  -70.270488   -1559.440
 0.75000    -5.677180    -65.378576     -1.444011
-609.577282  -73.188356   -1657.985
 1.00000    -5.686432    -65.248370     -1.444011
-610.342870  -76.494025   -1760.940

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     4.658289     419.041989     6.604202
565.736158   43.255902    1087.768
 0.25000     4.658174     419.049775     6.604202
565.717849   38.785211    1007.776
 0.50000     4.658068     419.057804     6.604202
565.700700   35.304338    990.881095
 0.75000     4.657981     419.066016     6.604202
565.684883   32.945708    1003.550
 1.00000     4.657967     419.074347     6.604202
565.670561   31.703494    1019.887

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -12.647837    -83.934852     -1.987192
-940.229335  -97.286273   -3264.211
 0.25000    -12.648036    -83.930624     -1.987192
-940.244749  -98.867393   -3571.957
 0.50000    -12.648243    -83.926748     -1.987192
-940.261267  -101.030394  -3918.237
 0.75000    -12.648454    -83.923266     -1.987192
-940.278688  -103.892803  -4297.845
 1.00000    -12.648670    -83.920212     -1.987192
-940.296812  -107.316471  -4684.316

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     6.659319     794.457391     6.773969
860.075778   84.990081    1681.594
 0.25000     6.417867     813.471035     6.773969
828.639499   82.870860    1530.407
 0.50000     6.301235     833.004534     6.773969
799.171830   81.880796    1444.210
 0.75000     6.264033     852.911612     6.773969
781.535220   82.051826    1412.952
 1.00000     6.242850     873.046768     6.773969
776.346810   83.252289    1432.359
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -23.056309   -120.246475     -4.984805
-995.414931  -98.710696    -5377.477
 0.25000    -23.548866   -111.415945     -4.984805
-1002.961  -99.171505     -6042.331
 0.50000    -24.056745   -103.331757     -4.984805
-1028.787  -100.976496    -6775.832
 0.75000    -24.575778   -96.111145      -4.984805
-1056.268  -103.523494    -7573.516
 1.00000    -25.102567   -89.832526      -4.984805
-1084.917  -106.602378    -8412.562

 COMB     DB ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     4.245607     730.741906     6.842188
729.426522   81.911615    1191.356
 0.25000     4.245607     750.973016     6.842188
729.426522   78.505686    1054.912
 0.50000     4.245607     771.385382     6.842188
729.426522   75.999232    1083.600
 0.75000     4.245607     791.692838     6.842188
729.426522   73.805020    1112.315
 1.00000     4.245607     811.884372     6.842188
729.426522   72.277136    1141.066

 COMB     DB ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -18.398968    -98.569976     -6.646486
-762.895095  -62.018647   -3122.216
```

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 0.25000    -18.948523    -84.632829     -6.646486
-762.895095   -61.520271    -3242.268
 0.50000    -19.506667    -74.810609     -6.646486
-762.895095   -61.159523    -3362.869
 0.75000    -20.065205    -67.506274     -6.646486
-787.500012   -60.968214    -3769.398
 1.00000    -20.624219    -65.696749     -6.646486
-819.920969   -60.902616    -4407.511

 COMB       DL  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     6.659319    978.914747     6.773969
960.347597   112.830298    1807.911
 0.25000     6.417867    1005.919       6.773969
955.826858   112.317154    1615.677
 0.50000     6.301235    1033.572       6.773969
951.306119   112.884570    1496.050
 0.75000     6.264033    1061.660       6.773969
947.232898   114.770343    1458.031
 1.00000     6.242850    1089.983       6.773969
944.991816   118.295473    1482.613

 COMB       DL  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -27.736316  -120.246475     -6.688730
-995.414931   -98.710696    -6230.575
 0.25000   -28.442918  -111.415945     -6.688730
-1002.961   -99.171505    -7078.014
 0.50000   -29.169319  -103.331757     -6.688730
-1028.787  -101.030394    -8028.680
 0.75000   -29.909899   -96.111145     -6.688730
-1056.268  -103.892803    -9071.734
 1.00000   -30.658914   -89.832526     -6.688730
-1084.917  -107.316471    -10173.462

 COMB       CAR  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     6.659319    978.914747     6.842188
960.347597   112.830298    1807.911
 0.25000     6.417867    1005.919       6.842188
955.826858   112.317154    1615.677
 0.50000     6.301235    1033.572       6.842188
951.306119   112.884570    1496.050
 0.75000     6.264033    1061.660       6.842188
947.232898   114.770343    1458.031
 1.00000     6.242850    1089.983       6.842188
944.991816   118.295473    1482.613
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 COMB       CAR  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -27.736316  -120.246475     -6.688730
-995.414931   -98.710696    -6230.575
 0.25000   -28.442918  -111.415945     -6.688730
-1002.961   -99.171505    -7078.014
 0.50000   -29.169319  -103.331757     -6.688730
-1028.787  -101.030394    -8028.680
 0.75000   -29.909899   -96.111145     -6.688730
-1056.268  -103.892803    -9071.734
 1.00000   -30.658914   -89.832526     -6.688730
-1084.917  -107.316471    -10173.462

 COMB   DESIGN  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     6.659319    978.914747     6.842188
960.347597   112.830298    1807.911
 0.25000     6.417867    1005.919       6.842188
955.826858   112.317154    1615.677
 0.50000     6.301235    1033.572       6.842188
951.306119   112.884570    1496.050
 0.75000     6.264033    1061.660       6.842188
947.232898   114.770343    1458.031
 1.00000     6.242850    1089.983       6.842188
944.991816   118.295473    1482.613

 COMB   DESIGN  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -27.736316  -120.246475     -6.688730
-995.414931   -98.710696    -6230.575
 0.25000   -28.442918  -111.415945     -6.688730
-1002.961   -99.171505    -7078.014
 0.50000   -29.169319  -103.331757     -6.688730
-1028.787  -101.030394    -8028.680
 0.75000   -29.909899   -96.111145     -6.688730
-1056.268  -103.892803    -9071.734
 1.00000   -30.658914   -89.832526     -6.688730
-1084.917  -107.316471    -10173.462

 ELEM        12  ==================== LENGTH =
 4.967343

 COMB DB-G1-1  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    12.466977    40.549939     4.704168
249.076587   42.061207   485.519287
 0.25000    11.946368    40.549939     4.704168
249.076587   38.664623   435.162922
 0.50000    11.410688    40.549939     4.704168
249.076587   37.703155   384.806557
 0.75000    10.870262    40.549939     4.704168
249.076587   36.907637   474.117188
 1.00000    10.331503    40.549939     4.704168
249.076587   36.309906   736.395648

 COMB DB-G1-1  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -0.772606  -487.430359    -1.614028
-404.131757   -5.037676    -2381.674
 0.25000    -0.772606  -468.695796    -1.614028
-404.131757   -4.856742    -2245.832
 0.50000    -0.772606  -449.523098    -1.614028
-404.131757   -4.678600    -2110.032
 0.75000    -0.772606  -430.302672    -1.614028
-404.131757   -4.502655    -1974.634
 1.00000    -1.063590  -411.288370    -1.614028
-404.131757   -5.685732    -1839.239

 COMB DB-G1-2  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    19.751877    74.175524     6.345710
457.006319   74.320386   886.190478
 0.25000    19.055256    74.175524     6.345710
457.006319   69.410160   794.076658
 0.50000    18.352826    74.175524     6.345710
457.006319   67.617961   701.962838
```

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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000    17.644928    74.175524     6.345710
457.006319   66.052332   798.431124
 1.00000    16.938858    79.338399     6.345710
457.006319   64.709179    1230.608

 COMB DB-G1-2  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.498636  -760.851819    -2.274593
-588.126941   -21.195929    -3929.687
 0.25000    -1.498636  -735.571896    -2.274593
-588.126941   -20.391226    -3736.807
 0.50000    -1.498636  -710.245747    -2.274593
-588.126941   -19.586626    -3544.288
 0.75000    -1.601702  -684.878807    -2.274593
-588.126941   -18.782107    -3351.919
 1.00000    -2.137034  -659.763161    -2.274593
-588.126941   -18.271794    -3159.549

 COMB DB-G1-3  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    21.101279    95.756923     6.965423
721.250993   80.622794    1141.080
 0.25000    20.483396    95.756923     6.965423
721.250993   75.830113    1022.165
 0.50000    19.859760    95.756923     6.965423
721.250993   74.237753   903.250847
 0.75000    19.231237    95.756923     6.965423
721.250993   73.239580   951.532720
 1.00000    18.604353    99.924125     6.965423
721.250993   72.926866    1317.942

 COMB DB-G1-3  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -3.480311  -788.895191    -5.028746
-731.697229   -45.373534    -4407.304
 0.25000    -3.480311  -766.481437    -5.028746
-731.697229   -42.676631    -4243.369
 0.50000    -3.480311  -744.004115    -5.028746
-731.697229   -40.297013    -4079.976
 0.75000    -3.563522  -721.489649    -5.028746
-731.697229   -38.187457    -3917.344
 1.00000    -4.036271  -699.199098    -5.028746
-731.697229   -36.577009    -3754.891

 COMB DB-G2-1  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     3.835716    43.241972     1.660612
418.147218    5.892168   399.611330
 0.25000     3.827398    43.241972     1.660612
417.079922    5.703224   357.639521
 0.50000     3.819592    43.241972     1.660612
416.131248    5.546707   315.667711
 0.75000     3.811754    43.417835     1.660612
415.207029    5.393921   276.013386
 1.00000     3.803933    43.696596     1.660612
414.357157    5.243748   237.395244

 COMB DB-G2-1  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -3.119605   -99.702371    -4.918778
-261.248513   -45.631497  -843.354483
 0.25000    -3.120401   -99.392115    -4.918778
-262.063179   -41.884979  -875.316053
 0.50000    -3.124356   -99.103148    -4.918778
-262.909635   -38.665245  -908.385975
 0.75000    -3.129384   -98.814526    -4.918778
-263.781239   -35.906978  -942.016840
 1.00000    -3.136796   -98.528553    -4.918778
-264.807631   -34.303495  -976.461036

 COMB DB-G2-2  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     8.792409    70.031238     2.742894
695.379656   28.612205   784.577674
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 REL DIST            P            V2           V3
    T          M2           M3
 0.25000     8.792101    70.031238     2.742894
695.340081   27.736508   702.383409
 0.50000     8.791812    70.031238     2.742894
695.304907   26.864465   620.189144
 0.75000     8.791522    70.037784     2.742894
695.270640   26.486237   538.080751
 1.00000     8.791232    70.048114     2.742894
695.239087   28.384142   595.825358

 COMB DB-G2-2  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.408973  -280.465295    -6.198975
-469.465012   -65.896236    -2113.140
 0.25000    -4.409003  -280.453799    -6.198975
-469.495216   -61.173463    -2118.889
 0.50000    -4.409149  -280.443093    -6.198975
-469.526598   -57.038960    -2125.274
 0.75000    -4.409336  -280.432400    -6.198975
-469.558911   -53.433983    -2132.415
 1.00000    -4.409610  -280.421806    -6.198975
-469.596969   -50.584981    -2140.897

 COMB DB-G2-3  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    17.768372    96.484221     5.585577
810.658067   56.323180    1102.262
 0.25000    17.304293    96.484221     5.585577
779.298832   53.169374   987.133987
 0.50000    16.852580    96.484221     5.585577
758.294640   51.920698   872.006259
 0.75000    16.398131    96.484221     5.585577
758.294640   50.897817   884.340454
 1.00000    15.945008    110.883284    5.585577
758.294640   52.534086    1130.837

 COMB DB-G2-3  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.429602  -631.812549    -6.514275
-624.825786   -66.946997    -3708.461
 0.25000    -4.429602  -614.738192    -6.514275
-624.825786   -62.411533    -3621.079
 0.50000    -4.493665  -598.243283    -6.514275
-624.825786   -58.402538    -3534.296
 0.75000    -4.716588  -581.742476    -6.514275
-641.263855   -54.864892    -3448.219
 1.00000    -5.127166  -565.401800    -6.514275
-673.508760   -52.043563    -3363.296

 COMB DL-G1-1  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    16.164874    57.590543     5.314564
368.118729   86.329439   634.271093
 0.25000    15.499964    57.846488     5.314564
368.425792   81.353239   581.722472
 0.50000    14.841966    58.772853     5.314564
368.425792   77.263110   624.806842
 0.75000    14.196145    65.286157     5.314564
368.425792   73.605966   709.899078
 1.00000    13.566860    74.751868     5.314564
368.425792   70.432932   807.362111

 COMB DL-G1-1  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -0.607353  -643.332726    -1.356817
-532.251464   -6.824296    -5605.430
 0.25000    -0.615238  -617.901097    -1.356817
-529.534959   -6.625070    -4956.381
 0.50000    -0.683297  -592.746559    -1.356817
-526.511437   -6.514915    -4363.565
 0.75000    -0.923991  -568.058766    -1.356817
-523.487915   -6.921708    -3822.315
 1.00000    -1.187903  -544.015786    -1.356817
-520.464392   -8.810572    -3329.428
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 COMB DL-G1-2  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    25.562614   106.125923     6.938693
597.725879   130.307156    1157.452
 0.25000    24.705414   106.716236     6.938693
594.976803   123.865176    1056.393
 0.50000    23.858804   109.091243     6.938693
594.354216   118.472282    1090.064
 0.75000    23.029030   121.153969     6.938693
594.354216   113.412541    1199.860
 1.00000    22.221651   134.286334     6.938693
594.354216   108.913728    1380.299

 COMB DL-G1-2  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.612893   -1003.446    -2.240349
-717.861381   -30.831500    -9193.601
 0.25000    -1.626907   -970.713986    -2.240349
-720.550366   -29.917502    -8179.486
 0.50000    -1.816196   -938.398115    -2.240349
-725.365103   -29.011960    -7246.160
 0.75000    -2.144878   -906.743120    -2.240349
-730.803197   -28.217187    -6399.506
 1.00000    -2.504637   -875.963991    -2.240349
-736.241290   -28.055423    -5629.097

 COMB DL-G1-3  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    28.162326   149.166406     7.237891
928.432362   129.506971    1482.635
 0.25000    27.398535   149.683614     7.237891
926.203364   123.524365    1345.202
 0.50000    26.644132   151.661345     7.237891
925.792204   118.624651    1329.176
 0.75000    25.904682   162.379066     7.237891
925.792204   114.217829    1398.984
 1.00000    25.185151   174.047992     7.237891
925.792204   110.700564    1554.853

 COMB DL-G1-3  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.771057    -1042.036    -5.490875
-942.462854   -79.843240   -10173.452
 0.25000    -4.783409    -1012.868    -5.490875
-944.754289   -75.973899    -9155.631
 0.50000    -4.948535   -984.071543    -5.490875
-948.862642   -72.367173    -8213.687
 0.75000    -5.240759   -955.860130    -5.490875
-953.383114   -69.135199    -7365.689
 1.00000    -5.560634   -928.427585    -5.490875
-957.903586   -66.858757    -6604.226

 COMB DL-G2-1  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     5.823644    88.693546     1.373857
545.110383    7.468544   520.191078
 0.25000     5.813969    88.756227     1.373857
544.344600    7.320013   468.460492
 0.50000     5.804475    88.915222     1.373857
543.617079    7.188652   423.829566
 0.75000     5.795233    89.090426     1.373857
542.935468    7.062169   389.836837
 1.00000     5.786302    89.280043     1.373857
542.306727    7.359174   369.721286

 COMB DL-G2-1  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -5.316760  -130.703499    -5.505004
-399.771857   -86.870639    -1761.032
 0.25000    -5.319613  -130.336266    -5.505004
-400.388775   -81.772169    -1676.502
 0.50000    -5.323694  -129.976434    -5.505004
-401.059741   -76.846007    -1600.091
 0.75000    -5.328225  -129.626612    -5.505004
-401.777971   -72.112849    -1536.681
 1.00000    -5.333157  -129.289135    -5.505004
-402.535961   -68.117473    -1489.481
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 COMB DL-G2-2  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    13.011457   134.636619     2.291080
860.597237   34.835906    1019.801
 0.25000    13.011232   134.638168     2.291080
860.579111   33.929638   913.160064
 0.50000    13.011011   134.641893     2.291080
860.561888   33.328172   823.940650
 0.75000    13.010796   134.645996     2.291080
860.545747   33.536998   785.113748
 1.00000    13.010588   134.650437     2.291080
860.530849   34.784962   825.045220

 COMB DL-G2-2  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -7.195640  -381.427066    -7.141166
-652.405613  -120.008548    -4684.403
 0.25000    -7.195707  -381.418515    -7.141166
-652.420185  -113.437262    -4330.401
 0.50000    -7.195802  -381.410137    -7.141166
-652.436028  -107.278336    -3997.637
 0.75000    -7.195908  -381.401995    -7.141166
-652.452984  -101.645269    -3706.990
 1.00000    -7.196024  -381.394141    -7.141166
-652.470880   -96.645587    -3457.282

 COMB DL-G2-3  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    23.764570   168.174055     5.448967
1041.548   89.116347    1432.324
 0.25000    23.220931   168.842638     5.448967
1012.853   85.457977    1297.614
 0.50000    22.685670   175.157288     5.448967
985.669643   82.817947    1261.867
 0.75000    22.162743   183.870384     5.448967
960.441823   81.006971    1286.739
 1.00000    21.655740   193.323770     5.448967
955.073060   80.268905    1391.613

 COMB DL-G2-3  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -6.858294  -825.807512    -7.358680
-826.097251  -118.484300    -8412.598
 0.25000    -6.907811  -805.109109    -7.358680
-831.430697  -112.251729    -7624.925
 0.50000    -7.114673  -784.747484    -7.358680
-852.057416  -106.386549    -6898.158
 0.75000    -7.345405  -764.873985    -7.358680
-881.161980  -101.036602    -6247.169
 1.00000    -7.597201  -745.622956    -7.358680
-911.869794   -96.368796    -5667.975

 COMB       DB  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    21.101279    96.484221     6.965423
810.658067   80.622794    1141.080
 0.25000    20.483396    96.484221     6.965423
779.298832   75.830113    1022.165
 0.50000    19.859760    96.484221     6.965423
758.294640   74.237753   903.250847
 0.75000    19.231237    96.484221     6.965423
758.294640   73.239580   951.532720
 1.00000    18.604353    110.883284    6.965423
758.294640   72.926866    1317.942

 COMB       DB  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.429602  -788.895191    -6.514275
-731.697229   -66.946997    -4407.304
 0.25000    -4.429602  -766.481437    -6.514275
-731.697229   -62.411533    -4243.369
 0.50000    -4.493665  -744.004115    -6.514275
-731.697229   -58.402538    -4079.976
 0.75000    -4.716588  -721.489649    -6.514275
-731.697229   -54.864892    -3917.344
 1.00000    -5.127166  -699.199098    -6.514275
-731.697229   -52.043563    -3754.891
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 COMB       DL  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    28.162326   168.174055     7.237891
1041.548   130.307156    1482.635
 0.25000    27.398535   168.842638     7.237891
1012.853   123.865176    1345.202
 0.50000    26.644132   175.157288     7.237891
985.669643   118.624651    1329.176
 0.75000    25.904682   183.870384     7.237891
960.441823   114.217829    1398.984
 1.00000    25.185151   193.323770     7.237891
955.073060   110.700564    1554.853

 COMB       DL  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -7.195640    -1042.036    -7.358680
-942.462854  -120.008548   -10173.452
 0.25000    -7.195707    -1012.868    -7.358680
-944.754289  -113.437262    -9155.631
 0.50000    -7.195802   -984.071543    -7.358680
-948.862642  -107.278336    -8213.687
 0.75000    -7.345405   -955.860130    -7.358680
-953.383114  -101.645269    -7365.689
 1.00000    -7.597201   -928.427585    -7.358680
-957.903586   -96.645587    -6604.226

 COMB       CAR  ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    28.162326   168.174055     7.237891
1041.548   130.307156    1482.635
 0.25000    27.398535   168.842638     7.237891
1012.853   123.865176    1345.202
 0.50000    26.644132   175.157288     7.237891
985.669643   118.624651    1329.176
 0.75000    25.904682   183.870384     7.237891
960.441823   114.217829    1398.984
 1.00000    25.185151   193.323770     7.237891
955.073060   110.700564    1554.853

 COMB       CAR  ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -7.195640    -1042.036    -7.358680
-942.462854  -120.008548   -10173.452
 0.25000    -7.195707    -1012.868    -7.358680
```

-944.754289 -113.437262 -9155.631
0.50000 -7.195802 -984.071543 -7.358680
-948.862642 -107.278336 -8213.687
0.75000 -7.345405 -955.860130 -7.358680
-953.383114 -101.645269 -7365.689
1.00000 -7.597201 -928.427585 -7.358680
-957.903586 -96.645587 -6604.226

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 28.162326 168.174055 7.237891
1041.548 130.307156 1482.635
0.25000 27.398535 168.842638 7.237891
1012.853 123.865176 1345.202
0.50000 26.644132 175.157288 7.237891
985.669643 118.624651 1329.176
0.75000 25.904682 183.870384 7.237891
960.441823 114.217829 1398.984
1.00000 25.185151 193.323770 7.237891
955.073060 110.700564 1554.853

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.195640 -1042.036 -7.358680
-942.462854 -120.008548 -10173.452
0.25000 -7.195707 -1012.868 -7.358680
-944.754289 -113.437262 -9155.631
0.50000 -7.195802 -984.071543 -7.358680
-948.862642 -107.278336 -8213.687
0.75000 -7.345405 -955.860130 -7.358680
-953.383114 -101.645269 -7365.689
1.00000 -7.597201 -928.427585 -7.358680
-957.903586 -96.645587 -6604.226
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ELEM 13 ========== LENGTH = 4.967127

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.655279 38.961886 6.020914
150.616159 39.160162 735.733073
0.25000 10.108039 48.716400 6.020914
150.616159 36.313014 993.467939
0.50000 9.551734 64.905363 6.020914
150.616159 33.514311 1226.659
0.75000 8.995942 82.088080 6.020914
150.616159 30.728386 1434.214
1.00000 8.446578 100.957845 6.020914
150.616159 28.019815 1616.927

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.963294 -418.027209 -0.239368
-434.625879 -6.067539 -1838.642
0.25000 -1.378887 -398.701729 -0.239368
-434.625879 -8.831759 -1734.664
0.50000 -1.827680 -379.237675 -0.239368
-434.625879 -12.300793 -1630.686
0.75000 -2.308903 -359.973239 -0.239368
-434.625879 -16.681837 -1526.995
1.00000 -2.837282 -341.148484 -0.239368
-434.625879 -22.026047 -1423.691

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.237268 72.241493 8.089770
341.800214 69.171032 1230.153
0.25000 16.512770 87.887133 8.089770
341.800214 64.858686 1605.703
0.50000 15.789232 109.365943 8.089770
341.800214 60.596765 1977.801
0.75000 15.066560 132.358322 8.089770
341.800214 56.426148 2348.777
1.00000 14.351386 157.686501 8.089770
341.800214 52.307084 2709.534

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.854839 -661.294883 -0.983168
-614.144540 -18.972686 -3159.003
0.25000 -2.411352 -635.447355 -0.983168
-614.144540 -19.476697 -3003.603
0.50000 -3.001781 -609.873467 -0.983168
-614.144540 -23.422693 -2848.216
0.75000 -3.632257 -584.563192 -0.983168
-614.144540 -28.342423 -2693.371
1.00000 -4.334772 -559.783683 -0.983168
-614.144540 -33.931988 -2538.782

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.174682 94.831887 7.735383
636.790272 77.925256 1317.493
0.25000 18.531748 108.600773 7.735383
636.790272 74.136538 1672.024
0.50000 17.889119 127.659547 7.735383
636.790272 70.927409 2095.178
0.75000 17.247250 148.053147 7.735383
636.790272 68.310654 2534.019
1.00000 16.612078 170.515231 7.735383
636.790272 66.678876 2972.047

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.989991 -699.587550 -4.657146
-686.535839 -38.788385 -3754.802
0.25000 -4.483959 -676.660988 -4.657146
-686.535839 -36.906704 -3608.499
0.50000 -5.008074 -653.957691 -4.657146
-686.535839 -38.443997 -3462.342
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REL DIST P V2 V3
T M2 M3
0.75000 -5.567848 -631.488656 -4.657146
-686.535839 -41.189172 -3317.066
1.00000 -6.191150 -609.492802 -4.657146
-686.535839 -44.772043 -3172.024

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.453345 35.212746 0.256787
446.525817 6.255073 237.312475
0.25000 4.445004 35.449687 0.256787
445.539117 6.005637 250.044440
0.50000 4.437205 35.698638 0.256787
444.691439 8.365359 341.387510
0.75000 4.429421 35.972836 0.256787
443.883085 13.042493 443.316929
1.00000 4.421701 36.278394 0.256787
443.096507 18.592215 552.438529

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.430752 -107.365738 -6.317019
-158.291947 -36.532929 -977.020491
0.25000 -3.437039 -107.057337 -6.317019
-159.111722 -33.848443 -983.623748
0.50000 -3.443681 -106.771376 -6.317019
-159.961036 -31.245907 -990.401855
0.75000 -3.450666 -106.488033 -6.317019
-160.837866 -28.691119 -997.510164
1.00000 -3.458872 -106.209394 -6.317019
-161.831466 -26.283352 -1005.242

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.232533 67.743114 1.047186
726.423393 30.594144 595.863778
0.25000 9.232224 67.751892 1.047186
726.386803 31.980209 662.649440
0.50000 9.231935 67.761116 1.047186
726.355327 34.452627 865.396753
0.75000 9.231647 67.771275 1.047186
726.325352 38.243384 1117.137
1.00000 9.231361 67.782597 1.047186
726.296183 43.151996 1402.204

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.810075 -273.478843 -8.020502
-339.500644 -53.260157 -2141.701
0.25000 -4.810308 -273.467416 -8.020502
-339.531041 -49.516257 -2116.664
0.50000 -4.810554 -273.456822 -8.020502
-339.562532 -46.078185 -2092.199
0.75000 -4.810812 -273.446325 -8.020502
-339.595043 -42.737989 -2067.909
1.00000 -4.811116 -273.436003 -8.020502
-339.631888 -39.470375 -2044.493

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.901606 93.116498 4.896364
763.417504 56.146513 1130.745
0.25000 16.427559 106.416294 4.896364
735.612200 55.626157 1389.410
0.50000 15.969015 120.515376 4.896364
735.138789 56.155519 1750.038
0.75000 15.511158 135.821184 4.896364
735.138789 57.908433 2135.138
1.00000 15.057670 152.783480 4.896364
735.138789 60.714401 2530.372

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.083666 -576.332774 -7.541569
-518.292799 -54.806452 -3363.739
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REL DIST P V2 V3
T M2 M3
0.25000 -5.444365 -559.123978 -7.541569
-518.288074 -51.122314 -3267.498
0.50000 -5.826318 -542.628835 -7.541569
-549.262093 -48.705811 -3171.890
0.75000 -6.231166 -526.294127 -7.541569
-578.376025 -48.073945 -3076.746
1.00000 -6.694113 -510.270085 -7.541569
-617.157905 -47.928202 -2982.387

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.021324 69.496222 8.209473
237.503155 75.350504 807.126892
0.25000 12.406998 79.112185 8.209473
237.503155 67.876829 920.327760
0.50000 11.803765 89.701976 8.209473
237.503155 60.936611 1040.054
0.75000 11.215640 101.156866 8.209473
237.503155 54.600898 1163.784
1.00000 10.646606 113.324880 8.209473
237.503155 48.835857 1290.591

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.171254 -513.082235 -0.291418
-560.290986 -9.791537 -3330.009
0.25000 -1.438132 -489.713168 -0.291418
-557.267611 -11.360451 -2937.434
0.50000 -1.733461 -466.787620 -0.291418
-554.244235 -13.846583 -2587.034
0.75000 -2.054552 -444.455269 -0.291418
-551.220860 -17.385323 -2278.103
1.00000 -2.398043 -422.874484 -0.291418
-548.197485 -21.857155 -2009.533

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.087037 124.265423 10.646489
444.439639 114.233145 1380.150
0.25000 20.293415 137.180741 10.646489
444.439639 104.363942 1524.055
0.50000 19.514992 151.397319 10.646489
444.439639 95.149922 1705.181
0.75000 18.756590 166.771577 10.646489
444.439639 86.678496 1929.634
1.00000 18.023566 183.130149 10.646489
444.439639 78.888678 2180.131

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.413052 -818.588480 -1.341742
-755.917041 -30.237633 -5629.730
0.25000 -2.765706 -788.447261 -1.341742
-761.354870 -30.898900 -4995.393
0.50000 -3.155859 -758.917744 -1.341742
-766.792699 -32.608971 -4434.397
0.75000 -3.580362 -730.187336 -1.341742
-772.230528 -35.519890 -3945.661
1.00000 -4.034953 -702.448852 -1.341742
-777.668357 -39.481868 -3528.402

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.476750 156.399704 9.975217
806.186783 116.621786 1554.901
0.25000 23.769702 167.889534 9.975217
806.186783 108.192276 1694.226
0.50000 23.076136 180.537433 9.975217
806.186783 100.781578 1900.760
0.75000 22.400383 194.214963 9.975217
806.186783 94.698760 2169.944
1.00000 21.747193 208.767489 9.975217
806.186783 89.746597 2482.672
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COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.557433 -875.927102 -6.317226
-887.637403 -71.926701 -6604.887
0.25000 -5.871358 -849.070950 -6.317226
-892.157656 -67.830215 -5951.341
0.50000 -6.218666 -822.758565 -6.317226
-896.677908 -65.060401 -5382.908
0.75000 -6.596541 -797.156952 -6.317226
-901.198161 -63.771509 -4898.683
1.00000 -7.001204 -772.436913 -6.317226
-905.718413 -63.847304 -4496.237

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.615944 61.288716 0.272488
578.547844 8.833054 370.050262
0.25000 6.606905 61.457172 0.272488
577.870110 9.619323 379.729964
0.50000 6.598075 61.642568 0.272488
577.225171 12.037326 424.755686
0.75000 6.589507 61.843461 0.272488
576.619360 15.593234 491.571410
1.00000 6.581260 62.058158 0.272488
576.060019 20.169355 577.066980

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.267582 -139.311981 -8.482855
-263.353186 -73.045330 -1489.241
0.25000 -5.271936 -138.971011 -8.482855
-263.984189 -65.319925 -1408.784
0.50000 -5.276761 -138.638554 -8.482855
-264.667817 -58.159380 -1351.108
0.75000 -5.282026 -138.316715 -8.482855
-265.398624 -51.693019 -1316.382
1.00000 -5.287684 -138.007590 -8.482855
-266.169600 -45.870543 -1304.110

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.242492 108.485026 1.232220
890.336293 36.857482 825.474383
0.25000 13.242281 108.488962 1.232220
890.320218 37.438299 840.845184
0.50000 13.242076 108.493295 1.232220
890.304917 39.063864 934.264132
0.75000 13.241876 108.497990 1.232220
890.290536 41.929052 1097.411
1.00000 13.241684 108.503007 1.232220
890.277245 45.943130 1310.768

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.250251 -362.039235 -10.785797
-484.606566 -102.762591 -3456.955
0.25000 -7.250353 -362.031293 -10.785797
-484.621451 -92.785283 -3189.740
0.50000 -7.250466 -362.023551 -10.785797
-484.637577 -83.676403 -2973.133
0.75000 -7.250588 -362.016058 -10.785797
-484.654816 -75.292278 -2808.429
1.00000 -7.250721 -362.008861 -10.785797
-484.673006 -67.622771 -2694.339

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.801689 156.979165 6.255688
979.576109 83.595590 1391.946
0.25000 21.296138 165.785532 6.255688
955.782829 79.572219 1490.331
0.50000 20.801224 175.479229 6.255688
933.332779 76.661752 1662.615
0.75000 20.320102 185.971724 6.255688
919.730437 75.293272 1900.761
1.00000 19.855910 197.163570 6.255688
918.973959 75.434077 2185.043
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COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.377884 -719.930952 -10.130437
-699.540444 -102.499462 -5667.989
0.25000 -7.611625 -700.794902 -10.130437
-725.669494 -93.917093 -5136.269
0.50000 -7.870465 -682.089051 -10.130437
-754.054022 -86.471493 -4682.680
0.75000 -8.152523 -663.936296 -10.130437
-784.351203 -80.214924 -4307.705
1.00000 -8.455177 -646.452548 -10.130437
-816.132955 -75.178621 -4009.596

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.174682 94.831887 8.089770
763.417504 77.925256 1317.493
0.25000 18.531748 108.600773 8.089770
735.612200 74.136538 1672.024
0.50000 17.889119 127.659547 8.089770
735.138789 70.927409 2095.178
0.75000 17.247250 148.053147 8.089770
735.138789 68.310654 2534.019
1.00000 16.612078 170.515231 8.089770
735.138789 66.678876 2972.047

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.083666 -699.587550 -8.020502
-686.535839 -54.806452 -3754.802
0.25000 -5.444365 -676.660988 -8.020502
-686.535839 -51.122314 -3608.499
0.50000 -5.826318 -653.957691 -8.020502
-686.535839 -48.705811 -3462.342
0.75000 -6.231166 -631.488656 -8.020502
-686.535839 -48.073945 -3317.066
1.00000 -6.694113 -609.492802 -8.020502
-686.535839 -47.928202 -3172.024

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.476750 156.979165 10.646489
979.576109 116.621786 1554.901
0.25000 23.769702 167.889534 10.646489
955.782829 108.192276 1694.226
0.50000 23.076136 180.537433 10.646489
933.332779 100.781578 1900.760
0.75000 22.400383 194.214963 10.646489
919.730437 94.698760 2169.944
1.00000 21.747193 208.767489 10.646489
918.973959 89.746597 2482.672

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.377884 -875.927102 -10.785797
-887.637403 -102.762591 -6604.887
0.25000 -7.611625 -849.070950 -10.785797
-892.157656 -93.917093 -5951.341
0.50000 -7.870465 -822.758565 -10.785797
-896.677908 -86.471493 -5382.908
0.75000 -8.152523 -797.156952 -10.785797
-901.198161 -80.214924 -4898.683
1.00000 -8.455177 -772.436913 -10.785797
-905.718413 -75.178621 -4496.237

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.476750 156.979165 10.646489
979.576109 116.621786 1554.901
0.25000 23.769702 167.889534 10.646489
955.782829 108.192276 1694.226
0.50000 23.076136 180.537433 10.646489
933.332779 100.781578 2095.178
0.75000 22.400383 194.214963 10.646489
919.730437 94.698760 2534.019
1.00000 21.747193 208.767489 10.646489
918.973959 89.746597 2972.047
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COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.377884 -875.927102 -10.785797
-887.637403 -102.762591 -6604.887
0.25000 -7.611625 -849.070950 -10.785797
-892.157656 -93.917093 -5951.341
0.50000 -7.870465 -822.758565 -10.785797
-896.677908 -86.471493 -5382.908
0.75000 -8.152523 -797.156952 -10.785797
-901.198161 -80.214924 -4898.683
1.00000 -8.455177 -772.436913 -10.785797
-905.718413 -75.178621 -4496.237

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.476750 156.979165 10.646489
979.576109 116.621786 1554.901
0.25000 23.769702 167.889534 10.646489
955.782829 108.192276 1694.226
0.50000 23.076136 180.537433 10.646489
933.332779 100.781578 2095.178
0.75000 22.400383 194.214963 10.646489
919.730437 94.698760 2534.019
1.00000 21.747193 208.767489 10.646489
918.973959 89.746597 2972.047

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.377884 -875.927102 -10.785797
-887.637403 -102.762591 -6604.887
0.25000 -7.611625 -849.070950 -10.785797
-892.157656 -93.917093 -5951.341
0.50000 -7.870465 -822.758565 -10.785797
-896.677908 -86.471493 -5382.908
0.75000 -8.152523 -797.156952 -10.785797
-901.198161 -80.214924 -4898.683
1.00000 -8.455177 -772.436913 -10.785797
-905.718413 -75.178621 -4496.237

ELEM 14 ========== LENGTH = 4.966901

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.088315 80.444780 5.949694
66.694881 30.429729 1616.018
0.25000 8.528589 97.308074 5.949694
66.694881 27.372052 1804.686
0.50000 7.960154 115.133557 5.949694
66.694881 24.317116 1969.476
0.75000 7.393831 133.729811 5.949694
66.694881 21.282586 2110.138
1.00000 6.836090 152.721886 5.949694
66.694881 18.281819 2227.546

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.255992 -366.091130 -0.260294

```
-401.051378  -24.418295  -1423.351
 0.25000     -2.726959  -346.755355    -0.260294
-401.051378  -26.931910  -1345.481
 0.50000     -3.227804  -327.339289    -0.260294
-401.051378  -30.239653  -1267.649
 0.75000     -3.753532  -308.229330    -0.260294
-401.051378  -34.442690  -1190.042
 1.00000     -4.295583  -289.679072    -0.260294
-401.051378  -39.606393  -1112.437

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     14.971654   124.759854    7.860688
239.603851   53.938011   2708.740
 0.25000     14.231657   147.063851    7.860688
239.603851   49.430489   2982.367
 0.50000     13.493576   170.614488    7.860688
239.603851   44.933535   3253.232
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 REL DIST            P            V2           V3
    T            M2           M3
 0.75000     12.757920   195.196467    7.860688
239.603851   40.440605   3523.679
 1.00000     12.032041   220.765039    7.860688
239.603851   36.003260   3784.497

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -3.447597  -581.701224   -1.091294
-573.830599  -38.356865   -2538.501
 0.25000     -4.063037  -555.743791   -1.091294
-573.830599  -40.672939   -2413.911
 0.50000     -4.716867  -530.163260   -1.091294
-573.830599  -44.075750   -2289.435
 0.75000     -5.403460  -504.959156   -1.091294
-573.830599  -48.420272   -2165.166
 1.00000     -6.122703  -480.422645   -1.091294
-577.399368  -53.755125   -2040.897

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     17.235356   141.968465    7.684105
520.996442   70.222313    2972.075
 0.25000     16.578624   161.762380    7.684105
520.996442   66.584404    3289.009
 0.50000     15.923026   182.663736    7.684105
520.996442   63.381776    3617.010
 0.75000     15.269594   204.479864    7.684105
520.996442   60.883842    3957.146
 1.00000     14.624906   227.151980    7.684105
520.996442   59.290473    4297.258

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -5.587864  -617.101354   -4.756522
-592.242486  -49.595659   -3172.021
 0.25000     -6.134358  -594.081746   -4.756522
-592.242486  -49.610423   -3039.644
 0.50000     -6.714970  -571.375815   -4.756522
-592.242486  -50.998073   -2907.482
 0.75000     -7.324665  -549.005153   -4.756522
-592.242486  -53.483759   -2775.507
 1.00000     -7.962866  -527.230025   -4.756522
-592.242486  -57.109024   -2643.560

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000      4.775667    36.452094    0.267928
408.901311   20.931342   553.581905
 0.25000      4.767189    36.707194    0.267928
407.928117   23.586083   640.769319
 0.50000      4.759284    36.976152    0.267928
407.102697   27.102313   734.674888
 0.75000      4.751389    37.257305    0.267928
406.309130   31.468028   834.296377
 1.00000      4.743562    37.568791    0.267928
405.538697   36.687795   937.717285

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -3.722703   -98.943200   -6.241028
-69.933656   -28.364581    -1005.572
 0.25000     -3.729441   -98.629527   -6.241028
-70.698697   -25.429552   -989.638867
 0.50000     -3.736590   -98.340385   -6.241028
-71.505972   -22.530118   -973.707154
 0.75000     -3.744106   -98.054302   -6.241028
-72.352023   -19.653891   -957.971447
 1.00000     -3.752452   -97.773601   -6.241028
-73.329998   -16.806553   -942.332878

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000      9.230370    68.590788    1.152080
674.365284   45.311000    1403.704
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 REL DIST            P            V2           V3
    T            M2           M3
 0.25000      9.230056    68.600239    1.152080
674.329190   46.838935    1548.788
 0.50000      9.229763    68.610203    1.152080
674.298537   49.445270    1735.205
 0.75000      9.229471    68.620620    1.152080
674.269106   53.290830    1963.250
 1.00000      9.229181    68.632161    1.152080
674.240530   58.143539    2218.870

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -5.172984  -245.171309   -8.050482
-232.572604  -41.888266   -2044.996
 0.25000     -5.173234  -245.159687   -8.050482
-232.600975  -38.094356   -1993.468
 0.50000     -5.173498  -245.148975   -8.050482
-232.630912  -34.300767   -1941.985
 0.75000     -5.173777  -245.138376   -8.050482
-232.662287  -30.523367   -1890.798
 1.00000     -5.174086  -245.127976   -8.050482
-232.698558  -26.801184   -1839.611

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     15.812455   125.651691    4.873262
701.794533   63.728565    2531.403
 0.25000     15.329421   140.197102    4.873262
677.904233   63.130076    2810.388
 0.50000     14.863075   155.544747    4.873262
656.925834   63.491164    3108.143
 0.75000     14.397801   171.574950    4.873262
652.249452   64.991716    3424.415
 1.00000     13.937751   188.781573    4.873262
652.249452   67.452393    3746.144

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -6.259192  -513.888192   -7.611721
-400.115477  -54.075556   -2982.693
 0.25000     -6.652142  -496.492363   -7.611721
-426.498477  -51.898269   -2878.420
 0.50000     -7.069363  -479.906304   -7.611721
-458.139256  -50.323838   -2774.324
 0.75000     -7.507712  -463.530557   -7.611721
-495.627033  -49.140395   -2670.536
 1.00000     -7.980127  -447.529969   -7.611721
-537.509814  -48.138956   -2566.748

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     10.556085    97.970387    8.212106
126.723733   52.304717    1289.808
 0.25000      9.993294   109.533704    8.212106
126.723733   45.734135    1443.334
 0.50000      9.441357   122.085771    8.212106
126.723733   39.692280    1603.065
 0.75000      8.904747   135.498174    8.212106
126.723733   34.125278    1804.581
 1.00000      8.388436   149.591566    8.212106
126.723733   28.925582    1980.946

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -2.069777  -416.603552   -0.389543
-500.838057  -24.453744   -2009.877
 0.25000     -2.393923  -395.059952   -0.389543
-497.814804  -26.928155   -1818.765
 0.50000     -2.747874  -373.958541   -0.389543
-494.791551  -30.302542   -1670.795
 0.75000     -3.128429  -353.467628   -0.389543
-491.768298  -34.610267   -1623.139
 1.00000     -3.531409  -333.775042   -0.389543
-488.744064  -39.685423   -1582.359
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     17.378769   166.124132   10.688260
312.763003   82.505600    2179.447
 0.25000     16.647216   181.426204   10.688260
312.763003   73.744635    2411.778
 0.50000     15.930140   198.066064   10.688260
312.763003   65.613161    2692.366
 0.75000     15.233281   215.883171   10.688260
312.763003   58.035805    3065.955
 1.00000     14.562890   234.657919   10.688260
312.763003   50.914778    3411.336

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -3.560531  -674.168472   -1.547518
-692.826648  -43.904777   -3528.893
 0.25000     -3.982036  -646.206654   -1.547518
-698.264257  -45.546589   -3227.185
 0.50000     -4.442963  -618.839796   -1.547518
-703.701867  -48.218049   -3018.466
 0.75000     -4.939589  -592.288715   -1.547518
-709.139477  -51.936130   -2964.831
 1.00000     -5.466702  -566.779446   -1.547518
-714.577086  -56.475250   -2917.111

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     21.139964   192.504235   10.140671
643.582313   95.286872    2482.905
 0.25000     20.488431   206.125711   10.140671
643.582313   88.304779    2762.151
 0.50000     19.849603   220.936446   10.140671
643.582313   82.517623    3120.788
 0.75000     19.228857   236.793674   10.140671
643.582313   77.697363    3580.368
 1.00000     18.631688   253.501336   10.140671
643.582313   73.754976    4016.784

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -6.722768  -736.382189   -6.563537
-752.072763  -69.973396   -4497.018
 0.25000     -7.098213  -711.474128   -6.563537
-756.592833  -67.201011   -4191.004
 0.50000     -7.508751  -687.095171   -6.563537
-761.112903  -65.786220   -4001.747
 0.75000     -7.951048  -663.442922   -6.563537
-765.632973  -65.740607   -3965.930
 1.00000     -8.420455  -640.717055   -6.563537
-770.153043  -66.727043   -3896.055

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000      6.926584    52.248275    0.303795
517.100818   22.987282   578.409506
 0.25000      6.918051    52.438385    0.303795
516.441252   25.448070   658.086829
 0.50000      6.909708    52.646533    0.303795
515.805817   28.884200   777.267563
 0.75000      6.901619    52.871191    0.303795
515.202505   33.337259   909.538914
 1.00000      6.893849    53.110124    0.303795
514.640228   38.632954    1042.220

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -5.347194  -136.089387   -8.490522
-144.996470  -49.410019   -1304.424
 0.25000     -5.352103  -135.765105   -8.490522
-145.627105  -42.674661   -1280.943
 0.50000     -5.357514  -135.448859   -8.490522
-146.317856  -36.524888   -1305.274
 0.75000     -5.363390  -135.143014   -8.490522
-147.063361  -30.893323   -1345.079
 1.00000     -5.369681  -134.850029   -8.490522
-147.856269  -25.714951   -1385.014
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 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     12.849896   107.328001    1.430585
803.894661   49.643757    1312.525
 0.25000     12.849697   107.332438    1.430585
803.878994   51.270425    1455.266
 0.50000     12.849503   107.337298    1.430585
803.863901   53.968372    1689.512
 0.75000     12.849314   107.342544    1.430585
803.849561   57.795066    1984.893
 1.00000     12.849133   107.348124    1.430585
803.836184   62.549784    2288.536

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -7.469917  -328.610000   -10.954613
-338.761741  -72.120852   -2694.793
 0.25000     -7.470032  -328.602443   -10.954613
-338.776625  -63.237877   -2593.372
 0.50000     -7.470158  -328.595074   -10.954613
-338.792928  -55.003771   -2590.694
 0.75000     -7.470295  -328.587947   -10.954613
-338.810526  -47.364340   -2637.413
 1.00000     -7.470442  -328.581121   -10.954613
-338.829249  -40.227870   -2684.235

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     19.694297   176.076763    6.412669
856.411892   80.019273    2186.260
 0.25000     19.222869   186.251330    6.412669
834.300195   77.537092    2434.692
 0.50000     18.761299   197.357440    6.412669
813.134543   76.355925    2773.854
 0.75000     18.313276   209.298330    6.412669
793.389134   76.469344    3198.212
 1.00000     17.882628   221.937968    6.412669
792.069324   77.639444    3606.315

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -8.145701  -622.759842   -10.338001
-561.597017  -82.801020   -4010.211
 0.25000     -8.417065  -604.793539   -10.338001
-587.338094  -75.776915   -3777.345
 0.50000     -8.715056  -587.235926   -10.338001
-615.559898  -69.804140   -3672.512
 0.75000     -9.037388  -570.230192   -10.338001
-645.894482  -64.832697   -3688.834
 1.00000     -9.380967  -553.915526   -10.338001
-677.759515  -60.611384   -3706.407

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     17.235356   141.968465    7.860688
701.794533   70.222313    2972.075
 0.25000     16.578624   161.762380    7.860688
677.904233   66.584404    3289.009
 0.50000     15.923026   182.663736    7.860688
674.298537   63.491164    3617.010
 0.75000     15.269594   204.479864    7.860688
674.269106   64.991716    3957.146
 1.00000     14.624906   227.151980    7.860688
674.240530   67.452393    4297.258

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -6.259192  -617.101354   -8.050482
-592.242486  -54.075556   -3172.021
 0.25000     -6.652142  -594.081746   -8.050482
-592.242486  -51.898269   -3039.644
 0.50000     -7.069363  -571.375815   -8.050482
-592.242486  -50.998073   -2907.482
 0.75000     -7.507712  -549.005153   -8.050482
-592.242486  -53.483759   -2775.507
 1.00000     -7.980127  -527.230025   -8.050482
-592.242486  -57.109024   -2643.560
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F O R C E S

 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     21.139964   192.504235   10.688260
856.411892   95.286872    2482.905
 0.25000     20.488431   206.125711   10.688260
834.300195   88.304779    2762.151
 0.50000     19.849603   220.936446   10.688260
813.134543   82.517623    3120.788
 0.75000     19.228857   236.793674   10.688260
803.849561   77.697363    3580.368
 1.00000     18.631688   253.501336   10.688260
803.836184   77.639444    4016.784

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -8.145701  -736.382189   -10.954613
-752.072763  -82.801020   -4497.018
 0.25000     -8.417065  -711.474128   -10.954613
-756.592833  -75.776915   -4191.004
 0.50000     -8.715056  -687.095171   -10.954613
-761.112903  -69.804140   -4001.747
 0.75000     -9.037388  -663.442922   -10.954613
-765.632973  -65.740607   -3965.930
 1.00000     -9.380967  -640.717055   -10.954613
-770.153043  -66.727043   -3896.055

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     21.139964   192.504235   10.688260
856.411892   95.286872    2972.075
 0.25000     20.488431   206.125711   10.688260
834.300195   88.304779    3289.009
 0.50000     19.849603   220.936446   10.688260
813.134543   82.517623    3617.010
 0.75000     19.228857   236.793674   10.688260
803.849561   77.697363    3957.146
 1.00000     18.631688   253.501336   10.688260
803.836184   77.639444    4297.258

 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -8.145701  -736.382189   -10.954613
-752.072763  -82.801020   -4497.018
 0.25000     -8.417065  -711.474128   -10.954613
-756.592833  -75.776915   -4191.004
 0.50000     -8.715056  -687.095171   -10.954613
-761.112903  -69.804140   -4001.747
 0.75000     -9.037388  -663.442922   -10.954613
-765.632973  -65.740607   -3965.930
 1.00000     -9.380967  -640.717055   -10.954613
-770.153043  -66.727043   -3896.055

 COMB    DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     21.139964   192.504235   10.688260
856.411892   95.286872    2972.075
 0.25000     20.488431   206.125711   10.688260
834.300195   88.304779    3289.009
 0.50000     19.849603   220.936446   10.688260
813.134543   82.517623    3617.010
 0.75000     19.228857   236.793674   10.688260
803.849561   77.697363    3957.146
 1.00000     18.631688   253.501336   10.688260
803.836184   77.639444    4297.258

 COMB    DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -8.145701  -736.382189   -10.954613
-752.072763  -82.801020   -4497.018
 0.25000     -8.417065  -711.474128   -10.954613
-756.592833  -75.776915   -4191.004
 0.50000     -8.715056  -687.095171   -10.954613
-761.112903  -69.804140   -4001.747
 0.75000     -9.037388  -663.442922   -10.954613
-765.632973  -65.740607   -3965.930
 1.00000     -9.380967  -640.717055   -10.954613
-770.153043  -66.727043   -3896.055
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F O R C E S

 ELEM      15 ================== LENGTH =
4.967785

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000      7.903064   117.302625    5.224789
46.070060   19.859231    2226.710
 0.25000      7.305700   134.491359    5.224789
46.070060   17.455490    2367.217
 0.50000      6.700756   152.717289    5.224789
46.070060   15.056860    2482.784
 0.75000      6.100133   171.755942    5.224789
46.070060   12.666676    2572.654
 1.00000      5.511399   191.205612    5.224789
46.070060   10.291607    2637.474

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -3.392577  -327.203174   -1.598695
-331.565686  -43.167405   -1112.321
 0.25000     -3.894227  -307.433896   -1.598695
-331.565686  -43.998251   -1051.219
 0.50000     -4.428963  -287.625109   -1.598695
-331.565686  -45.512925  -990.117174
 0.75000     -4.990642  -268.214458   -1.598695
-331.565686  -47.996847  -929.015196
 1.00000     -5.569895  -249.472984   -1.598695
-331.565686  -51.545744  -868.007624

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     13.197972   180.935869    6.884668
221.935422   37.240265    3783.770
 0.25000     12.409825   203.762595    6.884668
221.935422   33.527722    3977.704
 0.50000     11.624926   227.892845    6.884668
221.935422   29.822228    4165.219
 0.75000     10.846438   253.068441    6.884668
221.935422   26.117046    4349.472
 1.00000     10.082918   279.264522    6.884668
221.935422   22.412424    4520.504

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -4.862389  -516.531762   -2.561519
-495.356749  -59.522249   -2040.845
 0.25000     -5.516983  -489.924162   -2.561519
-495.356749  -59.697673   -1936.159
 0.50000     -6.213111  -463.773965   -2.561519
-495.356749  -60.888617   -1831.473
 0.75000     -6.943668  -438.158064   -2.561519
-495.356749  -63.158371   -1726.788
 1.00000     -7.709063  -413.393542   -2.561519
-506.964422  -66.629233   -1622.240

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     15.657256   193.698834    7.579430
458.004033   63.377707    4297.235
 0.25000     14.957724   213.952748    7.579430
458.004033   59.559292    4519.606
 0.50000     14.260500   235.366376    7.579430
458.004033   56.253033    4747.652
 0.75000     13.568950   257.708957    7.579430
458.004033   53.617234    4984.379
 1.00000     12.890716   280.937020    7.579430
458.004033   51.901557    5218.344

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T            M2           M3
 0.00000     -7.032689  -541.648256   -5.692448
-493.254927  -62.988798   -2643.618
```

0.25000 -7.613992 -518.054513 -5.692448
-493.254927 -61.597970 -2520.025
0.50000 -8.232249 -494.845151 -5.692448
-493.254927 -61.328721 -2396.497
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REL DIST P V2 V3
T M2 M3
0.75000 -8.881110 -472.109630 -5.692448
-493.254927 -62.186224 -2272.969
1.00000 -9.560400 -450.131099 -5.692448
-499.377594 -64.433088 -2149.563

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.947083 37.305814 1.466986
333.853731 40.276626 938.672781
0.25000 4.938117 37.570605 1.466986
332.872781 40.957452 1002.912
0.50000 4.929747 37.848222 1.466986
332.023391 42.557154 1072.519
0.75000 4.921463 38.136521 1.466986
331.229841 45.143325 1147.273
1.00000 4.913340 38.456106 1.466986
330.490205 48.716783 1225.296

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.018418 -81.718133 -5.448649
-56.647129 -18.236277 -942.444901
0.25000 -4.025545 -81.394291 -5.448649
-57.416722 -15.865145 -911.250833
0.50000 -4.033078 -81.096582 -5.448649
-58.224268 -13.512737 -880.174024
0.75000 -4.040953 -80.805210 -5.448649
-59.064351 -11.163883 -849.219798
1.00000 -4.049705 -80.522880 -5.448649
-60.038070 -8.846946 -818.279288

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.074120 80.025686 2.637421
578.560118 62.367203 2220.200
0.25000 9.073788 80.035497 2.637421
578.523733 61.921943 2314.105
0.50000 9.073478 80.045782 2.637421
578.492231 62.496315 2445.170
0.75000 9.073171 80.056463 2.637421
578.462763 64.341740 2615.849
1.00000 9.072870 80.068305 2.637421
578.435329 67.493360 2814.540

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.552243 -205.153728 -7.199473
-209.272525 -28.444187 -1839.824
0.25000 -5.552507 -205.141729 -7.199473
-209.301070 -25.341774 -1770.493
0.50000 -5.552786 -205.130699 -7.199473
-209.331021 -22.239695 -1701.315
0.75000 -5.553078 -205.119905 -7.199473
-209.362178 -19.147555 -1632.238
1.00000 -5.553402 -205.109445 -7.199473
-209.398294 -16.073947 -1563.160

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.845050 162.964422 5.723417
638.722782 71.913422 3747.042
0.25000 14.332375 177.951775 5.723417
602.588970 69.846902 3944.095
0.50000 13.837446 193.733638 5.723417
581.471711 68.713306 4154.734
0.75000 13.347056 210.161263 5.723417
568.552012 68.707126 4380.613
1.00000 12.866206 227.802841 5.723417
568.552012 69.870109 4610.704

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.359274 -448.552531 -7.352029
-348.616701 -54.382424 -2566.911
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -7.776077 -430.655156 -7.352029
-380.633865 -51.509224 -2456.836
0.50000 -8.218072 -413.640329 -7.352029
-414.895192 -49.298646 -2346.900
0.75000 -8.681090 -396.979895 -7.352029
-450.945825 -47.573548 -2237.065
1.00000 -9.180222 -380.857795 -7.352029
-491.617495 -46.114765 -2127.316

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.897987 124.122766 6.761686
67.510634 31.187664 1979.753
0.25000 8.361178 137.286135 6.761686
67.510634 26.674671 2166.254
0.50000 7.835692 151.477609 6.761686
67.510634 22.527476 2323.004
0.75000 7.327591 166.520113 6.761686
67.510634 18.654434 2449.255
1.00000 6.842339 182.219360 6.761686
67.510634 14.981378 2544.996

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.946983 -346.953296 -1.357732
-383.625493 -43.654676 -1582.070
0.25000 -3.330414 -326.573161 -1.357732
-380.601718 -45.165194 -1562.420
0.50000 -3.746099 -306.637125 -1.357732
-377.577942 -47.443564 -1542.677
0.75000 -4.189527 -287.361360 -1.357732
-374.554167 -50.530092 -1522.877
1.00000 -4.655751 -268.944461 -1.357732
-371.530392 -54.281249 -1503.177

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.719025 208.853820 9.022430
245.271488 53.492698 3410.134
0.25000 14.016508 226.211639 9.022430
245.271488 47.075198 3698.178
0.50000 13.330026 244.932631 9.022430
245.271488 41.104639 3959.509
0.75000 12.667012 264.789202 9.022430
245.271488 35.492742 4202.615
1.00000 12.034484 285.537406 9.022430
245.271488 30.159051 4413.013

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.787102 -563.817143 -2.693929
-563.292126 -62.745502 -2916.897
0.25000 -5.282185 -537.196476 -2.693929
-568.730675 -63.271670 -2893.726
0.50000 -5.819192 -511.211442 -2.693929
-574.169659 -64.671446 -2870.500
0.75000 -6.392645 -486.142453 -2.693929
-579.607774 -67.004129 -2847.205
1.00000 -6.996229 -462.226850 -2.693929
-587.815946 -70.085012 -2823.977

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.567498 232.797847 9.282795
505.588452 79.190653 4016.544
0.25000 17.941899 248.250482 9.282795
505.588452 73.729420 4356.519
0.50000 17.330539 264.916689 9.282795
505.588452 69.212829 4677.186
0.75000 16.740049 282.593252 9.282795
505.588452 65.420724 4985.034
1.00000 16.176695 301.062720 9.282795
505.588452 62.335758 5265.562
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File:2교대구방향S5-S703.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.070096 -617.463272 -6.796524
-588.677793 -73.888781 -3896.135
0.25000 -8.511201 -593.755689 -6.796524
-593.198644 -71.278347 -3874.531
0.50000 -8.989649 -570.612166 -6.796524
-597.719761 -69.807108 -3852.872
0.75000 -9.500548 -548.282736 -6.796524
-602.240346 -69.671328 -3831.164
1.00000 -10.038269 -526.979331 -6.796524
-606.761197 -70.467832 -3759.192

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.940558 52.622842 1.272103
393.673284 42.778306 1043.499
0.25000 6.932166 52.835788 1.272103
392.978558 44.294025 1138.243
0.50000 6.924013 53.065992 1.272103
392.321612 46.642237 1234.560
0.75000 6.916179 53.310890 1.272103
391.711855 49.900359 1332.118
1.00000 6.908737 53.567854 1.272103
391.158161 53.908993 1430.010

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.625885 -120.446344 -6.976600
-82.339595 -28.062361 -1385.325
0.25000 -5.631496 -120.130200 -6.976600
-82.985175 -23.429202 -1404.737
0.50000 -5.637610 -119.824204 -6.976600
-83.681166 -19.207202 -1424.209
0.75000 -5.644166 -119.531281 -6.976600
-84.418083 -15.327890 -1443.702
1.00000 -5.651095 -119.253989 -6.976600
-85.185964 -11.737689 -1463.196

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.180039 118.712846 2.643449
646.657974 68.034007 2290.209
0.25000 12.179843 118.717815 2.643449
646.641477 68.445699 2464.358
0.50000 12.179653 118.723188 2.643449
646.625878 69.829455 2653.956
0.75000 12.179470 118.728903 2.643449
646.611394 72.171011 2866.906
1.00000 12.179297 118.734901 2.643449
646.598231 75.437377 3088.736

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.008569 -280.821548 -9.257467
-258.390511 -43.366501 -2684.749
0.25000 -8.008700 -280.814176 -9.257467
-258.405771 -36.882360 -2707.581
0.50000 -8.008842 -280.807043 -9.257467
-258.422218 -30.890841 -2730.447
0.75000 -8.008995 -280.800215 -9.257467
-258.439630 -25.325083 -2753.313
1.00000 -8.009156 -280.793752 -9.257467
-258.457777 -20.096472 -2776.185

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.862958 205.629905 6.639767
712.697217 83.429396 3607.212
0.25000 17.404891 217.098705 6.639767
689.222275 81.008553 3911.428
0.50000 16.958528 229.485777 6.639767
667.024455 79.678309 4205.182
0.75000 16.528497 242.643458 6.639767
646.676208 79.381217 4496.111
1.00000 16.119220 256.421028 6.639767
636.367192 80.033029 4769.717
Program SAP2000 Nonlinear Version 7.42
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COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.203925 -529.206977 -9.298083
-448.773692 -68.227168 -3706.764
0.25000 -9.518501 -511.898322 -9.298083
-474.016929 -62.743110 -3715.257
0.50000 -9.860520 -495.073893 -9.298083
-501.468538 -58.068806 -3723.728
0.75000 -10.226481 -478.901962 -9.298083
-530.608377 -54.171612 -3732.178
1.00000 -10.612471 -463.536923 -9.298083
-560.809910 -50.841726 -3740.691

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.657256 193.698834 7.579430
638.722782 71.913422 4297.235
0.25000 14.957724 213.952748 7.579430
602.588970 69.846902 4519.606
0.50000 14.260500 235.366376 7.579430
581.471711 68.713306 4747.652
0.75000 13.568950 257.708957 7.579430
578.462763 68.707126 4984.379
1.00000 12.890716 280.937020 7.579430
578.435329 69.870109 5218.344

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.359274 -541.648256 -7.352029
-495.356749 -62.988798 -2643.618
0.25000 -7.776077 -518.054513 -7.352029
-495.356749 -61.597970 -2520.025
0.50000 -8.232249 -494.845151 -7.352029
-495.356749 -61.328721 -2396.497
0.75000 -8.881110 -472.109630 -7.352029
-495.356749 -63.158371 -2272.969
1.00000 -9.560400 -450.131099 -7.352029
-506.964422 -66.629233 -2149.563

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.567498 232.797847 9.282795
712.697217 83.429396 4016.544
0.25000 17.941899 248.250482 9.282795
689.222275 81.008553 4356.519
0.50000 17.330539 264.916689 9.282795
667.024455 79.678309 4677.186
0.75000 16.740049 282.593252 9.282795
646.676208 79.381217 4985.034
1.00000 16.176695 301.062720 9.282795
646.598231 80.033029 5265.562

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.203925 -617.463272 -9.298083
-588.677793 -73.888781 -3896.135
0.25000 -9.518501 -593.755689 -9.298083
-593.198644 -71.278347 -3874.531
0.50000 -9.860520 -570.612166 -9.298083
-597.719761 -69.807108 -3852.872
0.75000 -10.226481 -548.282736 -9.298083
-602.240346 -69.671328 -3831.164
1.00000 -10.612471 -526.979331 -9.298083
-606.761197 -70.467832 -3759.192

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.567498 232.797847 9.282795
712.697217 83.429396 4297.235
0.25000 17.941899 248.250482 9.282795
689.222275 81.008553 4519.606
0.50000 17.330539 264.916689 9.282795
667.024455 79.678309 4747.652
0.75000 16.740049 282.593252 9.282795
646.676208 79.381217 4985.034
1.00000 16.176695 301.062720 9.282795
646.598231 80.033029 5265.562
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COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.203925 -617.463272 -9.298083
-588.677793 -73.888781 -3896.135
0.25000 -9.518501 -593.755689 -9.298083
-593.198644 -71.278347 -3874.531
0.50000 -9.860520 -570.612166 -9.298083
-597.719761 -69.807108 -3852.872
0.75000 -10.226481 -548.282736 -9.298083
-602.240346 -69.671328 -3831.164
1.00000 -10.612471 -526.979331 -9.298083
-606.761197 -70.467832 -3759.192

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.567498 232.797847 9.282795
712.697217 83.429396 4297.235
0.25000 17.941899 248.250482 9.282795
689.222275 81.008553 4519.606
0.50000 17.330539 264.916689 9.282795
667.024455 79.678309 4747.652
0.75000 16.740049 282.593252 9.282795
646.676208 79.381217 4985.034
1.00000 16.176695 301.062720 9.282795
646.598231 80.033029 5265.562

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.203925 -617.463272 -9.298083
-588.677793 -73.888781 -3896.135
0.25000 -9.518501 -593.755689 -9.298083
-593.198644 -71.278347 -3874.531
0.50000 -9.860520 -570.612166 -9.298083
-597.719761 -69.807108 -3852.872
0.75000 -10.226481 -548.282736 -9.298083
-602.240346 -69.671328 -3831.164
1.00000 -10.612471 -526.979331 -9.298083
-606.761197 -70.467832 -3759.192

ELEM 16 ========== LENGTH = 4.966679

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.539822 148.652332 4.463664
65.398839 11.145450 2636.930
0.25000 5.909946 166.658310 4.463664
65.398839 9.635707 2729.375
0.50000 5.276715 185.678663 4.463664
65.398839 8.133217 2793.992
0.75000 4.652644 205.454012 4.463664
65.398839 6.646069 2830.425
1.00000 4.045291 225.555182 4.463664
65.398839 5.179611 2839.891

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.473683 -292.256574 -3.001804
-247.547307 -55.640535 -868.031729
0.25000 -5.017693 -271.982426 -3.001804
-247.547307 -54.736420 -816.067269
0.50000 -5.594099 -251.807646 -3.001804
-247.547307 -54.605239 -764.102809
0.75000 -6.195626 -232.163960 -3.001804
-247.547307 -55.550569 -712.138349
1.00000 -6.812159 -213.317184 -3.001804
-247.547307 -57.679501 -660.173889

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.116213 235.564497 5.925177
218.550565 22.929179 4520.070
0.25000 10.288604 259.414448 5.925177
218.550565 20.258154 4631.389
0.50000 9.468842 284.545208 5.925177
218.550565 17.587397 4726.470
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.7500 8.661131 310.654299 5.925177
218.550565 14.916431 4816.292
1.00000 7.874337 337.666527 5.925177
218.550565 12.247492 4891.232

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.277379 -455.405004 -4.267068
-403.461758 -72.937431 -1622.322
0.25000 -6.983010 -428.177647 -4.267068
-403.461758 -71.182529 -1528.471
0.50000 -7.729568 -401.569650 -4.267068
-403.461758 -70.374803 -1434.620
0.75000 -8.508549 -375.656703 -4.267068
-403.461758 -70.781469 -1340.769
1.00000 -9.319036 -350.746637 -4.267068
-416.668460 -72.537805 -1246.918

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.672714 244.376174 7.504245
399.569986 55.812893 5218.312
0.25000 12.938012 265.540599 7.504245
399.569986 52.118610 5338.757
0.50000 12.209754 287.844262 7.504245
399.569986 49.006802 5452.469
0.75000 11.492194 311.017012 7.504245
399.569986 46.645531 5571.561
1.00000 10.793248 334.971298 7.504245
399.569986 45.192836 5687.772

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.462766 -467.480237 -6.806032
-445.924478 -70.418458 -2149.644
0.25000 -9.089573 -443.334455 -6.806032
-445.924478 -68.184903 -2030.574
0.50000 -9.752782 -419.717704 -6.806032
-445.924478 -67.170966 -1911.504
0.75000 -10.444799 -396.717562 -6.806032
-445.924478 -67.244579 -1792.434
1.00000 -11.164284 -374.610663 -6.806032
-453.521173 -68.521965 -1673.364

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.914542 37.723988 2.956017
242.751518 53.008633 1225.870
0.25000 4.905266 37.998191 2.956017
241.783697 51.933063 1255.588
0.50000 4.896587 38.285254 2.956017
240.943587 51.815307 1291.819
0.75000 4.888041 38.582614 2.956017
240.136527 52.767022 1332.695
1.00000 4.879707 38.909714 2.956017
239.370855 54.843061 1377.719

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.283104 -60.822555 -4.611884
-55.551111 -9.729276 -818.249983
0.25000 -4.290616 -60.493519 -4.611884
-56.317481 -8.197808 -778.533355
0.50000 -4.298537 -60.191633 -4.611884
-57.123474 -6.678963 -738.816726
0.75000 -4.306795 -59.897274 -4.611884
-57.961604 -5.171420 -699.100098
1.00000 -4.315895 -59.613098 -4.611884
-58.929372 -3.693455 -659.383469

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.602447 95.503085 4.298954
466.312565 72.672338 2815.358
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REL DIST P V2 V3
T M2 M3
0.25000 8.602103 95.513244 4.298954

```
466.276667    70.292195    2843.318
 0.50000      8.601782     95.523879     4.298954
466.245509    68.991595    2900.740
 0.75000      8.601465     95.534896     4.298954
466.215576    69.089682    2999.425
 1.00000      8.601157     95.547015     4.298954
466.187175    70.625649    3127.077

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -5.953413  -160.464232    -6.279295
-225.465228   -17.087472   -1563.179
 0.25000     -5.953691  -160.452040    -6.279295
-225.493655   -15.014621   -1483.802
 0.50000     -5.953984  -160.440856    -6.279295
-225.523549   -12.942168   -1404.426
 0.75000     -5.954290  -160.429951    -6.279295
-225.554634   -10.869386   -1325.050
 1.00000     -5.954627  -160.419423    -6.279295
-225.590529    -8.813732   -1245.673

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     13.439034    201.864576     6.696725
577.383930    74.797834    4611.296
 0.25000     12.904586    217.455359     6.696725
539.445448    71.483858    4711.154
 0.50000     12.389436    233.834007     6.696725
505.241968    69.135831    4814.894
 0.75000     11.881980    250.825370     6.696725
479.794814    68.035273    4933.676
 1.00000     11.387510    268.948410     6.696725
469.647828    68.217120    5056.129

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -8.461745  -380.915870    -7.441150
-319.488943   -52.026594   -2127.374
 0.25000     -8.906250  -362.667075    -7.441150
-350.979091   -48.912828   -2013.848
 0.50000     -9.375907  -345.383320    -7.441150
-384.917793   -46.559891   -1900.323
 0.75000     -9.865732  -328.540375    -7.441150
-420.737906   -44.756074   -1786.798
 1.00000    -10.389566  -312.318699    -7.441150
-461.100168   -43.281795   -1673.272

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000      7.499665     151.007536     5.205093
93.268194    16.187504    2544.287
 0.25000      6.995246     165.699727     5.205093
93.268194    13.600231    2659.626
 0.50000      6.505294     181.395923     5.205093
93.268194    11.245063    2744.212
 0.75000      6.035518     197.910032     5.205093
93.268194     9.059304    2797.531
 1.00000      5.591179     215.043583     5.205093
93.268194     7.002103    2819.737

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -3.881121  -293.544430    -2.662705
-281.078164   -58.942262   -1503.078
 0.25000     -4.323734  -274.103107    -2.662705
-278.055128   -56.860572   -1494.632
 0.50000     -4.798444  -255.187780    -2.662705
-275.031538   -59.471423   -1486.828
 0.75000     -5.300615  -237.010292    -2.662705
-272.008893   -60.830367   -1479.031
 1.00000     -5.825174  -219.760510    -2.662705
-268.985776   -62.819517   -1471.272
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     12.357603    256.089044     7.156654
256.117093    31.469472    4412.280
 0.25000     11.695096    275.341746     7.156654
253.199599    27.397063    4575.434
 0.50000     11.052255    295.919997     7.156654
253.107069    24.064462    4710.291
 0.75000     10.436198    317.613211     7.156654
253.107069    21.200028    4823.854
 1.00000      9.853715    340.152297     7.156654
253.107069    18.464779    4907.232

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -6.185352  -475.017517    -4.228379
-442.539730   -77.075863   -2823.935
 0.25000     -6.751947  -449.581483    -4.228379
-446.610663   -75.768497   -2814.792
 0.50000     -7.360309  -424.880162    -4.228379
-451.955087   -75.742362   -2805.738
 0.75000     -8.004813  -401.179906    -4.228379
-457.393066   -76.795273   -2796.694
 1.00000     -8.679006  -378.714663    -4.228379
-467.013876   -78.494483   -2787.630

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     16.001415    282.146206     8.373047
441.454379    67.113631    5265.397
 0.25000     15.411434    299.290008     8.373047
440.444581    62.917207    5450.880
 0.50000     14.838981    317.613625     8.373047
440.414140    59.962708    5615.495
 0.75000     14.290476    336.928993     8.373047
440.414140    57.885613    5766.171
 1.00000     13.771910    356.996210     8.373047
440.414140    56.426129    5892.008

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -9.562183  -514.667998    -7.259072
-496.746044   -77.453456   -3759.251
 0.25000    -10.067173  -492.016741    -7.259072
-500.256114   -74.696638   -3752.430
 0.50000    -10.609366  -470.018224    -7.259072
-504.745104   -73.311129   -3748.985
 0.75000    -11.183736  -448.909901    -7.259072
-509.265518   -73.131573   -3745.547
 1.00000    -11.784532  -428.900694    -7.259072
-514.851617   -73.723572   -3742.095

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000      6.606729     58.130398     2.628002
278.499065    58.878992    1430.771
 0.25000      6.598702     58.361280     2.628002
277.797036    58.837862    1480.266
 0.50000      6.590941     58.609229     2.628002
277.128124    59.419848    1531.160
 0.75000      6.583523     58.871878     2.628002
276.502554    60.814799    1582.883
 1.00000      6.576521     59.146462     2.628002
275.929751    63.002095    1635.606

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -5.958734   -96.310678    -5.333106
-89.421987    -13.072683    -1463.305
 0.25000     -5.964940   -96.006925    -5.333106
-90.038980    -10.417193    -1470.897
 0.50000     -5.971648   -95.713922    -5.333106
-90.708884     -8.036583    -1478.488
 0.75000     -5.978798   -95.434494    -5.333106
-91.422479     -5.894605    -1486.078
 1.00000     -5.986321   -95.171197    -5.333106
-92.169594     -3.959108    -1493.672
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     11.086439    140.194835     4.195783
506.378622    81.783337    3089.702
 0.25000     11.086252    140.200220     4.195783
506.361970    80.499186    3168.080
 0.50000     11.086070    140.206004     4.195783
506.346108    80.457845    3261.393
 0.75000     11.085897    140.212131     4.195783
506.331268    81.627948    3377.005
 1.00000     11.085734    140.218538     4.195783
506.317671    83.791174    3504.593

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -8.688173  -226.390185    -7.380164
-276.950328   -21.890427   -2776.390
 0.25000     -8.688317  -226.383101    -7.380164
-276.964928   -17.810207   -2785.322
 0.50000     -8.688473  -226.376269    -7.380164
-276.980775   -14.535189   -2794.263
 0.75000     -8.688640  -226.369755    -7.380164
-276.997655   -11.883919   -2803.200
 1.00000     -8.688815  -226.363617    -7.380164
-277.015329    -9.548055   -2812.133

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     15.795592    245.874154     7.089723
612.860583    86.114511    4770.219
 0.25000     15.360499    258.453828     7.089723
588.135036    83.242031    4932.916
 0.50000     14.939033    271.932139     7.089723
564.538876    81.671120    5083.955
 0.75000     14.535737    286.172576     7.089723
542.681451    81.331534    5230.350
 1.00000     14.154758    301.015947     7.089723
523.093672    81.988431    5362.095

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -10.454294  -439.831229    -8.406005
-411.084795   -57.772264   -3740.847
 0.25000    -10.808469  -423.245807    -8.406005
-434.391467   -53.386876   -3744.105
 0.50000    -11.190027  -407.194505    -8.406005
-459.980969   -50.109505   -3747.406
 0.75000    -11.595409  -391.839212    -8.406005
-487.319947   -47.785984   -3750.674
 1.00000    -12.020626  -377.329060    -8.406005
-515.814710   -46.008249   -3753.957

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     13.672714    244.376174     7.504245
577.383930    74.797834    5218.312
 0.25000     12.938012    265.540599     7.504245
539.445448    71.483858    5338.757
 0.50000     12.389436    287.844262     7.504245
505.241968    69.135831    5452.469
 0.75000     11.881980    311.017012     7.504245
479.794814    69.089682    5571.561
 1.00000     11.387510    337.666527     7.504245
469.647828    70.625649    5687.772

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -8.462766  -467.480237    -7.441150
-445.924478   -72.937431   -2149.644
 0.25000     -9.089573  -443.334455    -7.441150
-445.924478   -71.182529   -2030.574
 0.50000     -9.752782  -419.717704    -7.441150
-445.924478   -70.374803   -1911.504
 0.75000    -10.444799  -396.717562    -7.441150
-445.924478   -70.781469   -1792.434
 1.00000    -11.164284  -374.610663    -7.441150
-461.100168   -72.537805   -1673.364
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 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     16.001415    282.146206     8.373047
612.860583    86.114511    5265.397
 0.25000     15.411434    299.290008     8.373047
588.135036    83.242031    5450.880
 0.50000     14.939033    317.613625     8.373047
564.538876    81.671120    5615.495
 0.75000     14.535737    336.928993     8.373047
542.681451    81.627948    5766.171
 1.00000     14.154758    356.996210     8.373047
523.093672    83.791174    5892.008

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -10.454294  -514.667998    -8.406005
-496.746044   -77.453456   -3759.251
 0.25000    -10.808469  -492.016741    -8.406005
-500.256114   -75.788497   -3752.430
 0.50000    -11.190027  -470.018224    -8.406005
-504.745104   -75.742362   -3748.985
 0.75000    -11.595409  -448.909901    -8.406005
-509.265518   -76.795273   -3750.674
 1.00000    -12.020626  -428.900694    -8.406005
-515.814710   -78.494483   -3753.957

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     16.001415    282.146206     8.373047
612.860583    86.114511    5265.397
 0.25000     15.411434    299.290008     8.373047
588.135036    83.242031    5450.880
 0.50000     14.939033    317.613625     8.373047
564.538876    81.671120    5615.495
 0.75000     14.535737    336.928993     8.373047
542.681451    81.627948    5766.171
 1.00000     14.154758    356.996210     8.373047
523.093672    83.791174    5892.008

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -10.454294  -514.667998    -8.406005
-496.746044   -77.453456   -3759.251
 0.25000    -10.808469  -492.016741    -8.406005
-500.256114   -75.788497   -3752.430
 0.50000    -11.190027  -470.018224    -8.406005
-504.745104   -75.742362   -3748.985
 0.75000    -11.595409  -448.909901    -8.406005
-509.265518   -76.795273   -3750.674
 1.00000    -12.020626  -428.900694    -8.406005
-515.814710   -78.494483   -3753.957

 COMB    DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     16.001415    282.146206     8.373047
612.860583    86.114511    5265.397
 0.25000     15.411434    299.290008     8.373047
588.135036    83.242031    5450.880
 0.50000     14.939033    317.613625     8.373047
564.538876    81.671120    5615.495
 0.75000     14.535737    336.928993     8.373047
542.681451    81.627948    5766.171
 1.00000     14.154758    356.996210     8.373047
523.093672    83.791174    5892.008

 COMB    DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -10.454294  -514.667998    -8.406005
-496.746044   -77.453456   -3759.251
 0.25000    -10.808469  -492.016741    -8.406005
-500.256114   -75.788497   -3752.430
 0.50000    -11.190027  -470.018224    -8.406005
-504.745104   -75.742362   -3748.985
 0.75000    -11.595409  -448.909901    -8.406005
-509.265518   -76.795273   -3750.674
 1.00000    -12.020626  -428.900694    -8.406005
-515.814710   -78.494483   -3753.957
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 ELEM       17 ================== LENGTH =
4.967675

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000      5.164038     180.098825     3.783891
154.785944    5.311192     2839.589
 0.25000      4.509383     196.718724     3.783891
154.785944    4.716542     2878.677
 0.50000      3.857649     218.244860     3.783891
154.785944    3.911426     2888.834
 0.75000      3.222197     238.412529     3.783891
154.785944    3.123556     2878.659
 1.00000      2.611626     258.790901     3.783891
154.785944    2.356120     2839.510

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -5.780455  -258.773481    -3.925537
-154.842145   -61.801201   -660.267113
 0.25000     -6.369673  -238.394597    -3.925537
-154.842145   -59.710536   -612.438013
 0.50000     -6.987709  -218.225491    -3.925537
-154.842145   -58.407731   -564.608914
 0.75000     -7.626768  -198.697386    -3.925537
-154.842145   -58.214661   -612.257991
 1.00000     -8.276347  -180.075016    -3.925537
-154.842145   -59.237929   -660.057763

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000      9.005704     291.711124     5.138510
315.112241    12.373710    4891.016
 0.25000      8.145554     316.337716     5.138510
301.524668    10.483002    4906.940
 0.50000      7.300224     342.108304     5.138510
301.524668     8.731064    4903.786
 0.75000      6.475948     368.714043     5.138510
301.524668     8.723671    4906.902
 1.00000      5.683035     396.077685     5.138510
301.524668     8.719396    4890.903

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -8.266879  -396.053948    -5.389576
-301.568540   -78.849761   -1247.067
 0.25000     -9.029228  -368.689920    -5.389576
-301.568540   -75.661949   -1158.115
 0.50000     -9.827937  -342.083040    -5.389576
-301.568540   -73.432191   -1069.163
 0.75000    -10.653886  -316.310978    -5.389576
-301.568540   -73.219273   -1157.866
 1.00000    -11.506229  -291.682743    -5.389576
-315.189271   -74.403756   -1246.785

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     11.543778    301.255397     7.327575
422.110584    48.989285    5687.759
 0.25000     10.780187    323.110554     7.327575
414.176685    45.423180    5688.673
 0.50000     10.029286    345.983271     7.327575
414.176685    42.591120    5679.887
 0.75000      9.297088    369.597716     7.327575
414.176685    42.265084    5688.676
 1.00000      8.592790    393.864512     7.327575
414.176685    42.844971    5687.724

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -10.422875  -393.877519    -7.418283
-414.350794   -74.130484   -1673.454
 0.25000    -11.100147  -369.610368    -7.418283
-414.350794   -71.023642   -1556.312
 0.50000    -11.809761  -345.994878    -7.418283
-414.350794   -68.775310   -1439.170
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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000    -12.543574  -323.120805    -7.418283
-414.350794   -68.514853   -1556.084
 1.00000    -13.300283  -301.264121    -7.418283
-422.315050   -69.831639   -1673.216

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000      4.680442     36.974312     3.966396
142.632391    59.468763    1377.968
 0.25000      4.670802     37.255948     3.966396
141.664552    57.107648    1370.509
 0.50000      4.661787     37.549173     3.966396
140.825643    55.721501    1367.460
 0.75000      4.652989     37.851316     3.966396
140.019732    55.446041    1370.575
 1.00000      4.644510     38.181854     3.966396
139.254898    56.339861    1378.095

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -4.518116   -38.156542    -3.850704
-139.474433    -4.223140   -659.279631
 0.25000     -4.526151   -37.826008    -3.850704
-140.239149    -3.367177   -615.455942
 0.50000     -4.534553   -37.523887    -3.850704
-141.044987    -2.537400   -571.632252
 0.75000     -4.543242   -37.230690    -3.850704
-141.883846    -1.736798   -615.466635
 1.00000     -4.552747   -36.949095    -3.850704
-142.851660    -1.238371   -659.321234

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000      7.881979     113.704297     5.471468
342.999398    76.386090    3127.407
 0.25000      7.881621     113.714731     5.471468
342.963500    72.573302    3078.634
 0.50000      7.881287     113.725594     5.471468
342.932387    69.985205    3056.949
 0.75000      7.880962     113.736788     5.471468
342.902496    70.549300    3078.701
 1.00000      7.880648     113.749035     5.471468
342.874126    72.592125    3127.540

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -6.609166  -113.807470    -5.433706
-343.148473    -9.410902   -1245.589
 0.25000     -6.609464  -113.795223    -5.433706
-343.176839    -8.173012   -1161.389
 0.50000     -6.609775  -113.784030    -5.433706
-343.206727    -6.941766   -1077.188
 0.75000     -6.610097  -113.773168    -5.433706
-343.237839    -6.517020   -1161.364
 1.00000     -6.610449  -113.762735    -5.433706
-343.273736    -6.798635   -1245.602

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     11.798489    243.672481     7.315858
515.213418    73.426043    5056.396
 0.25000     11.243038    259.729129     7.315858
474.845888    69.220084    5044.099
 0.50000     10.709980    276.492788     7.315858
440.263437    66.127942    5032.511
 0.75000     10.190006    293.782947     7.315858
407.574150    66.068288    5044.138
 1.00000      9.689451    312.119070     7.315858
377.072781    68.379513    5056.466

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -9.994278  -312.155838    -7.271181
-377.361261   -48.825307   -1673.273
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 REL DIST            P            V2           V3
    T          M2           M3
 0.25000    -10.472287  -293.819709    -7.271181
-407.856538   -45.661479   -1557.929
 0.50000    -10.972722  -276.529768    -7.271181
-440.541887   -43.273440   -1442.585
 0.75000    -11.490192  -259.766392    -7.271181
-475.129236   -42.273759   -1557.789
 1.00000    -12.039306  -243.710326    -7.271181
-515.495646   -42.162600   -1673.150

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000      6.415075     181.837417     3.925350
174.011393    7.459865     2819.467
 0.25000      5.945570     197.867175     3.925350
176.803486    6.356576     2866.375
```

0.50000 5.493448 214.868718 3.925350
178.761418 5.291971 2882.106
0.75000 5.064376 232.655402 3.925350
179.823219 4.282225 2866.317
1.00000 4.663616 251.024322 3.925350
180.051845 3.453768 2819.349

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.027295 -251.024653 -3.883396
-180.217296 -67.486356 -1471.264
0.25000 -5.535799 -232.656937 -3.883396
-179.985680 -65.864438 -1471.220
0.50000 -6.076086 -214.872122 -3.883396
-178.919893 -64.688955 -1471.178
0.75000 -6.643159 -197.869877 -3.883396
-176.957996 -64.155846 -1471.167
1.00000 -7.231583 -181.840143 -3.883396
-174.162913 -64.341846 -1471.104

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.456438 311.524088 5.681961
349.804338 18.622304 4906.959
0.25000 9.835336 332.459779 5.681961
339.807109 16.847317 4947.100
0.50000 9.237806 354.683359 5.681961
336.238391 15.394386 4958.295
0.75000 8.671058 377.969092 5.681961
334.372619 14.722128 4947.041
1.00000 8.141485 402.057304 5.681961
334.055079 14.286190 4906.841

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.961620 -402.058327 -5.610196
-334.181651 -85.117744 -2787.649
0.25000 -8.609431 -377.970999 -5.610196
-334.505517 -82.639478 -2787.598
0.50000 -9.298575 -354.686166 -5.610196
-336.375203 -80.877162 -2787.547
0.75000 -10.023006 -332.463335 -5.610196
-339.947885 -80.331787 -2787.542
1.00000 -10.775811 -311.528430 -5.610196
-349.975086 -80.478268 -2787.458

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.694940 346.318328 7.778098
463.345775 60.217261 5891.946
0.25000 13.142056 364.963230 7.778098
457.343342 57.540593 5921.187
0.50000 12.610252 384.754382 7.778098
454.335591 55.586482 5928.677
0.75000 12.105727 405.490200 7.778098
452.826142 54.804821 5921.189
1.00000 11.634245 426.939170 7.778098
452.622088 54.592898 5891.953
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COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.377032 -426.954985 -7.698957
-452.721187 -79.927240 -3742.131
0.25000 -11.954518 -405.506806 -7.698957
-452.929159 -77.235197 -3742.111
0.50000 -12.568820 -384.771793 -7.698957
-454.442137 -75.381788 -3742.097
0.75000 -13.214538 -364.981300 -7.698957
-457.453461 -74.967669 -3742.114
1.00000 -13.885508 -346.337093 -7.698957
-463.484026 -75.215117 -3742.064

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.022786 70.518621 3.893988
173.571563 68.259879 1635.903
0.25000 6.015081 70.766476 3.893988
172.846602 66.552533 1634.452
0.50000 6.007680 71.031060 3.893988
172.154590 65.338507 1634.030
0.75000 6.000663 71.309831 3.893988
171.506982 64.842055 1634.539
1.00000 5.994102 71.600077 3.893988
170.911791 65.197108 1636.073

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.277204 -71.617334 -3.945612
-170.905782 -4.641074 -1493.681
0.25000 -6.284159 -71.327077 -3.945612
-171.500391 -3.479399 -1493.724
0.50000 -6.291613 -71.048309 -3.945612
-172.148381 -2.506503 -1493.767
0.75000 -6.299499 -70.783747 -3.945612
-172.839994 -1.696452 -1493.809
1.00000 -6.307744 -70.535925 -3.945612
-173.565525 -1.246470 -1493.847

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.751493 174.541390 5.696266
380.674316 90.024201 3504.970
0.25000 9.751313 174.547169 5.696266
380.657145 87.671587 3479.855
0.50000 9.751140 174.553339 5.696266
380.640755 86.168876 3469.101
0.75000 9.750976 174.559840 5.696266
380.625415 85.950835 3479.962
1.00000 9.750823 174.566611 5.696266
380.611309 86.696548 3505.188

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.435768 -174.589217 -5.740660
-380.567093 -10.044451 -2812.171
0.25000 -9.435930 -174.582446 -5.740660
-380.581196 -8.684077 -2812.226
0.50000 -9.436104 -174.575945 -5.740660
-380.596546 -7.656520 -2812.273
0.75000 -9.436287 -174.569775 -5.740660
-380.612926 -7.350305 -2812.338
1.00000 -9.436479 -174.563997 -5.740660
-380.630099 -7.340257 -2812.383

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.738688 301.090478 7.683285
542.697017 87.545608 5362.277
0.25000 13.325980 314.680140 7.683285
516.077742 84.647505 5377.588
0.50000 12.929146 329.147755 7.683285
490.603286 82.685858 5380.397
0.75000 12.552836 344.349563 7.683285
466.881590 82.045135 5377.659
1.00000 12.201167 360.125621 7.683285
445.430065 82.774187 5362.422
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COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.944418 -360.146748 -7.641918
-445.468491 -51.789060 -3754.000
0.25000 -12.345533 -344.371167 -7.641918
-466.919390 -48.996028 -3754.024
0.50000 -12.773798 -329.169784 -7.641918
-490.644478 -46.867258 -3754.045
0.75000 -13.225362 -314.702961 -7.641918
-516.117672 -45.746376 -3754.080
1.00000 -13.695951 -301.113987 -7.641918
-542.739883 -45.168931 -3754.101

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.798489 301.255397 7.327575
515.213418 76.386090 5687.759
0.25000 11.243038 323.110554 7.327575
474.845888 72.573302 5688.673
0.50000 10.709980 345.983271 7.327575
440.263437 69.985205 5679.887
0.75000 10.190006 369.597716 7.327575
414.176685 70.549300 5688.676
1.00000 9.689451 396.077685 7.327575
414.176685 72.592125 5687.724

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.422875 -396.053948 -7.418283
-414.350794 -78.849761 -1673.454
0.25000 -11.100147 -369.610368 -7.418283
-414.350794 -75.661949 -1557.929
0.50000 -11.809761 -345.994878 -7.418283
-440.541887 -73.432191 -1442.585
0.75000 -12.543574 -323.120805 -7.418283
-475.129236 -73.219273 -1557.789
1.00000 -13.300283 -301.264121 -7.418283
-515.495646 -74.403756 -1673.216

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.738688 346.318328 7.778098
542.697017 90.024201 5891.946
0.25000 13.325980 364.963230 7.778098
516.077742 87.671587 5921.187
0.50000 12.929146 384.754382 7.778098
490.603286 86.168876 5928.677
0.75000 12.552836 405.490200 7.778098
466.881590 85.950835 5921.189
1.00000 12.201167 426.939170 7.778098
452.622088 86.696548 5891.953

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.944418 -426.954985 -7.698957
-452.721187 -85.117744 -3754.000
0.25000 -12.345533 -405.506806 -7.698957
-466.919390 -82.639478 -3754.024
0.50000 -12.773798 -384.771793 -7.698957
-490.644478 -80.877162 -3754.045
0.75000 -13.225362 -364.981300 -7.698957
-516.117672 -80.331787 -3754.080
1.00000 -13.885508 -346.337093 -7.698957
-542.739883 -80.478268 -3754.101

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.738688 346.318328 7.778098
542.697017 90.024201 5891.946
0.25000 13.325980 364.963230 7.778098
516.077742 87.671587 5921.187
0.50000 12.929146 384.754382 7.778098
490.603286 86.168876 5928.677
0.75000 12.552836 405.490200 7.778098
466.881590 85.950835 5921.189
1.00000 12.201167 426.939170 7.778098
452.622088 86.696548 5891.953
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.944418 -426.954985 -7.698957
-452.721187 -85.117744 -3754.000
0.25000 -12.345533 -405.506806 -7.698957
-466.919390 -82.639478 -3754.024
0.50000 -12.773798 -384.771793 -7.698957
-490.644478 -80.877162 -3754.045
0.75000 -13.225362 -364.981300 -7.698957
-516.117672 -80.331787 -3754.080
1.00000 -13.885508 -346.337093 -7.698957
-542.739883 -80.478268 -3754.101

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.738688 346.318328 7.778098
542.697017 90.024201 5891.946
0.25000 13.325980 364.963230 7.778098
516.077742 87.671587 5921.187
0.50000 12.929146 384.754382 7.778098
490.603286 86.168876 5928.677
0.75000 12.552836 405.490200 7.778098
466.881590 85.950835 5921.189
1.00000 12.201167 426.939170 7.778098
452.622088 86.696548 5891.953

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.944418 -426.954985 -7.698957
-452.721187 -85.117744 -3754.000
0.25000 -12.345533 -405.506806 -7.698957
-466.919390 -82.639478 -3754.024
0.50000 -12.773798 -384.771793 -7.698957
-490.644478 -80.877162 -3754.045
0.75000 -13.225362 -364.981300 -7.698957
-516.117672 -80.331787 -3754.080
1.00000 -13.885508 -346.337093 -7.698957
-542.739883 -80.478268 -3754.101

ELEM 18 ========== LENGTH = 4.967678

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.560436 213.350883 2.918738
247.459371 2.380275 2839.823
0.25000 2.919731 232.202581 2.918738
247.459371 2.322033 2830.264
0.50000 2.321465 251.852113 2.918738
247.459371 3.619493 2793.719
0.75000 2.227656 272.033504 2.918738
247.459371 4.962335 2728.975
1.00000 2.227656 292.314744 2.918738
247.459371 6.324418 2636.382

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.230828 -225.511428 -4.644696
-65.466832 -63.085438 -659.989854
0.25000 -7.842065 -205.402924 -4.644696
-65.466832 -59.942462 -711.906630
0.50000 -8.476100 -185.620400 -4.644696
-65.466832 -57.569426 -763.823406
0.75000 -9.124302 -166.593856 -4.644696
-65.466832 -56.288190 -815.740181
1.00000 -9.775202 -148.582581 -4.644696
-65.466832 -56.224838 -867.656957

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.548780 350.783290 4.119916
416.519186 8.261034 4891.162
0.25000 5.702822 375.700408 4.119916
403.353073 10.358714 4816.100
0.50000 4.891990 401.622476 4.119916
403.353073 13.108205 4726.138
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.75000 4.236833 428.239594 4.119916
403.353073 15.908362 4630.885
1.00000 4.236833 455.476812 4.119916
403.353073 18.719899 4519.379

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.469824 -337.604109 -6.301611
-218.806372 -80.374031 -1246.666
0.25000 -11.260982 -310.582221 -6.301611
-218.806372 -76.642832 -1340.467
0.50000 -12.080755 -284.464442 -6.301611
-218.806372 -73.870515 -1434.269
0.75000 -12.919036 -259.326458 -6.301611
-218.806372 -72.312908 -1528.070
1.00000 -13.774575 -235.471433 -6.301611
-218.806372 -72.114236 -1621.872

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.930949 374.608484 6.825048
453.286976 46.152091 5687.782
0.25000 8.180134 396.722150 6.825048
445.726880 45.840794 5571.507
0.50000 7.461379 419.729795 6.825048
445.726880 46.754917 5452.344
0.75000 6.902128 443.354625 6.825048
445.726880 48.480247 5338.527
1.00000 6.902128 467.509138 6.825048
445.726880 51.098317 5217.974

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.515812 -334.903494 -7.771579
-399.963412 -75.093645 -1673.136
0.25000 -13.218665 -310.940633 -7.771579
-399.963412 -72.032102 -1792.201
0.50000 -13.946977 -287.760139 -7.771579
-399.963412 -69.836396 -1911.266
0.75000 -14.691724 -265.450024 -7.771579
-399.963412 -68.728428 -2030.332
1.00000 -15.451207 -244.281015 -7.771579
-399.963412 -68.855486 -2149.397

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.210335 59.564765 4.774904
59.224998 61.022513 1377.831
0.25000 4.200687 59.849076 4.774904
58.256946 57.512068 1332.886
0.50000 4.191716 60.143563 4.774904
57.418710 54.962519 1292.090
0.75000 4.183125 60.445569 4.774904
56.612594 53.503352 1255.951
1.00000 4.175044 60.774736 4.774904
55.846094 53.209846 1226.319

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.662485 -38.891061 -2.900474
-239.625804 -1.256699 -659.396797
0.25000 -4.670838 -38.563872 -2.900474
-240.391595 -1.996560 -699.175913
0.50000 -4.679477 -38.266431 -2.900474
-241.198842 -3.081737 -738.955028
0.75000 -4.688317 -37.979325 -2.900474
-242.039208 -4.304039 -778.734143
1.00000 -4.697918 -37.705112 -2.900474
-243.007457 -5.591048 -818.513258

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.809944 160.355977 6.404749
225.385895 78.228513 3127.245
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.25000 6.809587 160.366510 6.404749
225.349989 75.078330 2999.657
0.50000 6.809254 160.377420 6.404749
225.318901 73.000916 2901.053
0.75000 6.808936 160.388609 6.404749
225.289002 72.340844 2843.735
1.00000 6.808637 160.400805 6.404749
225.260570 73.171592 2815.846

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.187890 -95.516722 -4.411739
-466.515758 -6.814743 -1245.652
0.25000 -7.188200 -95.504599 -4.411739
-466.544163 -7.249660 -1325.109
0.50000 -7.188520 -95.493579 -4.411739
-466.574104 -8.243528 -1404.566
0.75000 -7.188847 -95.482943 -4.411739
-466.605271 -10.031287 -1484.022
1.00000 -7.189203 -95.472783 -4.411739
-466.641185 -11.866187 -1563.479

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.656473 312.280486 7.590292
460.832805 73.132363 5056.216
0.25000 9.105549 328.508494 7.590292
420.458491 71.407279 4933.776
0.50000 8.582867 345.357835 7.590292
384.635983 70.716745 4815.000
0.75000 8.088346 362.647965 7.590292
350.694813 71.320828 4711.269
1.00000 7.647642 380.903738 7.590292
319.202897 73.266817 4611.379

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.565250 -268.889655 -6.834160
-470.056548 -46.958588 -1673.135
0.25000 -12.061691 -250.760979 -6.834160
-480.127148 -44.604300 -1786.706
0.50000 -12.575772 -233.764412 -6.834160
-505.615267 -43.675045 -1900.277
0.75000 -13.101565 -217.382152 -6.834160
-539.833202 -43.899149 -2013.848
1.00000 -13.654394 -201.789297 -6.834160
-577.792198 -44.523599 -2127.419

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.376387 219.743586 2.752454
268.909657 3.377368 2819.653
0.25000 4.962467 236.999018 2.752454
271.933384 3.616634 2797.353
0.50000 4.568663 255.182810 2.752454
274.956659 4.524978 2743.924
0.75000 4.201342 274.105300 2.752454
277.980837 5.557162 2659.214
1.00000 3.865694 293.554880 2.752454
281.004486 6.705874 2543.732

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.391032 -215.019359 -5.205920
-93.501705 -68.436401 -1471.181
0.25000 -6.958358 -197.883034 -5.205920
-93.501705 -65.097929 -1478.836
0.50000 -7.554965 -181.366162 -5.205920
-93.501705 -62.342870 -1486.529
0.75000 -8.175055 -165.667685 -5.205920
-93.501705 -60.269918 -1494.269
1.00000 -8.812337 -150.973081 -5.205920
-93.501705 -58.876237 -1502.007
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.630061 378.686880 4.274161
466.908409 13.631650 4907.164
0.25000 8.076371 401.159867 4.274161
457.309340 14.904768 4823.673
0.50000 7.549775 424.868162 4.274161
451.870317 16.585866 4709.980
0.75000 7.057869 449.578519 4.274161
446.527769 18.675451 4574.978
1.00000 6.607564 475.024421 4.274161
442.465782 21.301183 4411.663

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.076568 -340.114679 -7.157037
-253.392153 -86.267312 -2787.522
0.25000 -10.797240 -317.571396 -7.157037
-253.392153 -82.324302 -2796.461
0.50000 -11.556136 -295.879930 -7.157037
-253.392153 -79.110120 -2805.387
0.75000 -12.346192 -275.293337 -7.157037
-253.487692 -76.943894 -2814.375
1.00000 -13.159408 -256.038720 -7.157037
-256.431316 -75.834534 -2823.328

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.347876 428.866019 7.299750
514.876994 57.364593 5892.043
0.25000 10.855223 448.882111 7.299750
509.310704 56.240493 5766.157
0.50000 10.386681 469.997648 7.299750

504.789425 55.761380 5615.423
0.75000 9.949016 492.004222 7.299750
500.301151 56.117346 5450.742
1.00000 9.548401 514.664236 7.299750
496.799114 57.484206 5265.183

COMB DL-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -13.446804 -356.962635 -8.393098
-440.789950 -80.317145 -3742.055
0.25000 -14.089314 -336.891700 -8.393098
-440.789950 -76.915509 -3745.458
0.50000 -14.765867 -317.577903 -8.393098
-440.789950 -74.180018 -3748.854
0.75000 -15.470153 -299.246843 -8.393098
-440.822056 -72.581559 -3752.302
1.00000 -16.195040 -282.101293 -8.393098
-441.840797 -72.144053 -3759.053

COMB DL-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 5.236921 95.160015 5.296173
92.514146 70.161724 1635.736
0.25000 5.229774 95.423417 5.296173
91.766109 66.515374 1583.107
0.50000 5.222975 95.702951 5.296173
91.052366 63.442339 1531.480
0.75000 5.216609 95.996043 5.296173
90.382302 61.156510 1480.686
1.00000 5.210747 96.299878 5.296173
89.765146 59.628222 1431.281

COMB DL-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -6.474074 -59.142491 -2.690592
-276.122964 -1.352265 -1493.760
0.25000 -6.481720 -58.867831 -2.690592
-276.695905 -1.755021 -1486.277
0.50000 -6.489835 -58.605132 -2.690592
-277.321587 -2.561306 -1478.791
0.75000 -6.498341 -58.357155 -2.690592
-277.990749 -3.646221 -1471.307
1.00000 -6.507153 -58.126321 -2.690592
-278.693160 -4.877321 -1463.817
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COMB DL-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 8.194955 226.343106 7.291297
277.244053 92.368773 3504.790
0.25000 8.194788 226.349246 7.291297
277.226367 88.311631 3377.302
0.50000 8.194629 226.355763 7.291297
277.209484 85.068329 3261.798
0.75000 8.194481 226.362597 7.291297
277.193633 82.964795 3168.605
1.00000 8.194344 226.369683 7.291297
277.179029 82.178229 3090.359

COMB DL-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -10.105237 -140.207504 -4.292456
-506.516022 -7.021381 -2812.251
0.25000 -10.105415 -140.201095 -4.292456
-506.529622 -7.235314 -2803.432
0.50000 -10.105604 -140.194967 -4.292456
-506.544465 -7.868767 -2794.620
0.75000 -10.105802 -140.189183 -4.292456
-506.560334 -9.454274 -2785.808
1.00000 -10.106007 -140.183799 -4.292456
-506.576993 -11.745872 -2776.997

COMB DL-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 11.511380 377.295709 8.405097
515.965778 87.466419 5362.222
0.25000 11.135796 391.811330 8.405097
487.468247 84.520848 5230.518
0.50000 10.778664 407.172169 8.405097
460.119615 82.414787 5084.160
0.75000 10.444637 423.228963 8.405097
434.524967 81.433306 4933.155
1.00000 10.137979 439.819677 8.405097
411.212919 81.915455 4770.488

COMB DL-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -13.529821 -300.989697 -7.134630
-523.390933 -49.837199 -3754.018
0.25000 -13.973561 -286.142913 -7.134630
-542.989436 -47.593076 -3750.771
0.50000 -14.442625 -271.900004 -7.134630
-564.853363 -46.005299 -3747.533
0.75000 -14.932531 -258.419872 -7.134630
-588.456302 -45.681868 -3744.303
1.00000 -15.438332 -245.842488 -7.134630
-613.203480 -46.388575 -3741.076

COMB DB ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 9.656473 374.608484 7.590292
460.832805 78.228513 5687.782
0.25000 9.105549 396.722150 7.590292
445.726880 75.078330 5571.507
0.50000 8.582867 419.729795 7.590292
445.726880 73.000916 5452.344
0.75000 8.088346 443.354625 7.590292
445.726880 72.340844 5338.527
1.00000 7.647642 467.509138 7.590292
445.726880 73.266817 5217.974

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -12.515812 -337.604109 -7.771579
-470.056548 -80.374031 -1673.136
0.25000 -13.218665 -310.940633 -7.771579
-480.127148 -76.642832 -1792.201
0.50000 -13.946977 -287.760139 -7.771579
-505.615267 -73.870515 -1911.266
0.75000 -14.691724 -265.450024 -7.771579
-539.833202 -72.312908 -2030.332
1.00000 -15.451207 -244.281015 -7.771579
-577.792198 -72.114236 -2149.397
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COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 11.511380 428.866019 8.405097
515.965778 92.368773 5892.043
0.25000 11.135796 448.882111 8.405097
509.310704 88.311631 5766.157
0.50000 10.778664 469.997648 8.405097
504.789425 85.068329 5615.423
0.75000 10.444637 492.004222 8.405097
500.301151 82.964795 5450.742
1.00000 10.137979 514.664236 8.405097
496.799114 82.178229 5265.183

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -13.529821 -356.962635 -8.393098
-523.390933 -86.267312 -3754.018
0.25000 -14.089314 -336.891700 -8.393098
-542.989436 -82.324302 -3750.771
0.50000 -14.765867 -317.577903 -8.393098
-564.853363 -79.110120 -3748.854
0.75000 -15.470153 -299.246843 -8.393098
-588.456302 -76.943894 -3752.302
1.00000 -16.195040 -282.101293 -8.393098
-613.203480 -75.834534 -3759.053

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 11.511380 428.866019 8.405097
515.965778 92.368773 5892.043
0.25000 11.135796 448.882111 8.405097
509.310704 88.311631 5766.157
0.50000 10.778664 469.997648 8.405097
504.789425 85.068329 5615.423
0.75000 10.444637 492.004222 8.405097
500.301151 82.964795 5450.742
1.00000 10.137979 514.664236 8.405097
496.799114 82.178229 5265.183

COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -13.529821 -356.962635 -8.393098
-523.390933 -86.267312 -3754.018
0.25000 -14.089314 -336.891700 -8.393098
-542.989436 -82.324302 -3750.771
0.50000 -14.765867 -317.577903 -8.393098
-564.853363 -79.110120 -3748.854
0.75000 -15.470153 -299.246843 -8.393098
-588.456302 -76.943894 -3752.302
1.00000 -16.195040 -282.101293 -8.393098
-613.203480 -75.834534 -3759.053

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 11.511380 428.866019 8.405097
515.965778 92.368773 5892.043
0.25000 11.135796 448.882111 8.405097
509.310704 88.311631 5766.157
0.50000 10.778664 469.997648 8.405097
504.789425 85.068329 5615.423
0.75000 10.444637 492.004222 8.405097
500.301151 82.964795 5450.742
1.00000 10.137979 514.664236 8.405097
496.799114 82.178229 5265.183

COMB DESIGN ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -13.529821 -356.962635 -8.393098
-523.390933 -86.267312 -3754.018
0.25000 -14.089314 -336.891700 -8.393098
-542.989436 -82.324302 -3750.771
0.50000 -14.765867 -317.577903 -8.393098
-564.853363 -79.110120 -3748.854
0.75000 -15.470153 -299.246843 -8.393098
-588.456302 -76.943894 -3752.302
1.00000 -16.195040 -282.101293 -8.393098
-613.203480 -75.834534 -3759.053
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ELEM 19 ========== LENGTH = 4.966779

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 2.216987 249.576320 1.567570
331.611887 6.528469 2636.930
0.25000 2.216987 268.316490 1.567570
331.611887 8.709620 2571.936
0.50000 2.216987 287.725562 1.567570
331.611887 10.924985 2481.913
0.75000 2.216987 307.532434 1.567570
331.611887 13.157397 2366.217
1.00000 2.216987 327.298745 1.567570
331.611887 15.413779 2225.608

COMB DB-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -8.976573 -191.093415 -5.429069
-46.302492 -59.650555 -867.661343
0.25000 -9.587940 -171.648709 -5.429069
-46.302492 -55.259655 -928.534983
0.50000 -10.210674 -152.615361 -5.429069
-46.302492 -51.565427 -989.509432
0.75000 -10.833816 -134.394944 -5.429069
-46.302492 -48.879236 -1050.484
1.00000 -11.443887 -117.212682 -5.429069
-46.302492 -47.309896 -1111.458

COMB DB-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.219767 413.544057 2.532421
507.214959 18.234378 4519.840
0.25000 3.771002 438.307674 2.532421
495.538248 22.015209 4348.574
0.50000 3.771002 463.922665 2.532421
495.538248 25.832178 4164.117
0.75000 3.771002 490.070920 2.532421
495.538248 29.668235 3976.403
1.00000 3.771002 516.674045 2.532421
495.538248 33.525574 3782.294

COMB DB-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -13.128388 -279.107283 -7.234231
-222.078721 -77.587274 -1621.826
0.25000 -13.924222 -252.917999 -7.234231
-222.078721 -72.395183 -1726.207
0.50000 -14.734348 -227.749604 -7.234231
-222.078721 -68.029413 -1830.733
0.75000 -15.546026 -203.627364 -7.234231
-222.078721 -64.775717 -1935.258
1.00000 -16.356345 -180.809672 -7.234231
-222.078721 -62.734452 -2039.784

COMB DB-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.283042 450.225648 5.868735
499.780867 54.260641 5218.032
0.25000 5.911646 472.203341 5.868735
493.597122 54.901850 4983.922
0.50000 5.911646 494.938005 5.868735
493.597122 56.108323 4747.088
0.75000 5.911646 518.145618 5.868735
493.597122 58.123849 4518.929
1.00000 5.911646 541.735413 5.868735
493.597122 60.974213 4296.450

COMB DB-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -14.951085 -280.785150 -7.849928
-458.053169 -73.709089 -2149.332
0.25000 -15.657896 -257.563109 -7.849928
-458.053169 -69.407791 -2272.639
0.50000 -16.377423 -235.226911 -7.849928
-458.053169 -65.854971 -2396.075
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REL_DIST P V2 V3
T M2 M3
0.75000 -17.098298 -213.820362 -7.849928
-458.053169 -63.298423 -2519.510
1.00000 -17.817274 -193.574445 -7.849928
-458.053169 -62.299134 -2643.006

COMB DB-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.552086 80.451233 5.630650
60.288994 57.683509 1225.742
0.25000 3.542796 80.733621 5.630650
59.315268 52.838831 1147.851
0.50000 3.534435 81.025029 5.630650
58.474990 48.874015 1073.233
0.75000 3.526999 81.322751 5.630650
57.667262 45.904969 1003.747
1.00000 3.521066 81.646503 5.630650
56.897508 43.991901 939.639929

COMB DB-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -4.689531 -38.438346 -1.473248
-330.420509 -5.862227 -818.511374
0.25000 -4.698121 -38.118830 -1.473248
-331.159909 -7.875262 -849.542167
0.50000 -4.706863 -37.830633 -1.473248
-331.953077 -9.993611 -880.583404
0.75000 -4.715649 -37.553137 -1.473248
-332.802139 -12.145742 -911.743934
1.00000 -4.725086 -37.288496 -1.473248
-333.782740 -14.343464 -943.026084

COMB DB-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 5.512493 205.045869 7.419488
209.829889 78.412017 2815.048
0.25000 5.512148 205.056331 7.419488
209.793773 73.809575 2616.496
0.50000 5.511838 205.067127 7.419488
209.762609 70.194440 2445.961
0.75000 5.511563 205.078157 7.419488
209.732651 67.884366 2315.007
1.00000 5.511341 205.090153 7.419488
209.704100 66.959631 2221.191

COMB DB-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -7.710100 -80.033793 -2.785072
-578.218588 -12.226214 -1563.427
0.25000 -7.710418 -80.021954 -2.785072
-578.246014 -14.988482 -1632.601
0.50000 -7.710742 -80.011277 -2.785072
-578.275467 -17.845050 -1701.775
0.75000 -7.711068 -80.000996 -2.785072
-578.306957 -20.729438 -1771.045
1.00000 -7.711417 -79.991191 -2.785072
-578.343329 -23.645334 -1840.462

COMB DB-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 7.351487 380.877000 7.642126
492.139998 77.767214 4610.811
0.25000 6.851472 397.000536 7.642126
451.461274 75.321491 4380.721
0.50000 6.403089 413.661700 7.642126
415.395636 73.796521 4154.865
0.75000 6.335340 430.676269 7.642126
381.121317 73.456902 3944.235
1.00000 6.335340 448.569552 7.642126
349.093447 74.341490 3747.177

COMB DB-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -13.312561 -227.684383 -5.856671
-568.478120 -49.376908 -2127.350
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REL_DIST P V2 V3
T M2 M3
0.25000 -13.817196 -210.046908 -5.856671
-568.478120 -48.387276 -2237.104
0.50000 -14.330931 -193.624605 -5.856671
-581.197579 -48.030071 -2346.944
0.75000 -14.846355 -177.848757 -5.856671
-602.317481 -48.182348 -2456.882
1.00000 -15.379384 -162.866323 -5.856671
-638.369932 -48.851904 -2566.954

COMB DL-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.461117 268.944122 1.489675
371.650412 6.819524 2544.457
0.25000 4.115673 287.361786 1.489675
374.673575 9.511285 2448.546
0.50000 3.857761 306.639895 1.489675
377.696738 12.407925 2322.146
0.75000 3.793155 326.577584 1.489675
380.719900 15.473932 2165.269
1.00000 3.750563 346.956663 1.489675
383.743063 18.771683 1978.663

COMB DL-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -8.170682 -182.151662 -6.817724
-67.800608 -62.283395 -1502.172
0.25000 -8.793722 -166.459674 -6.817724
-67.800608 -57.616820 -1522.292
0.50000 -9.439247 -151.423683 -6.817724
-67.800608 -53.452076 -1541.858
0.75000 -10.099790 -137.238475 -6.817724
-67.800608 -49.952213 -1561.390
1.00000 -10.767219 -124.085861 -6.817724
-67.800608 -47.227454 -1580.955

COMB DL-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 7.064243 462.244206 2.804079
588.060284 21.428170 4412.424
0.25000 6.592025 486.160716 2.804079
579.791030 25.725224 4201.811
0.50000 6.152833 511.233922 2.804079
574.353937 30.150635 3958.512
0.75000 5.900149 537.218990 2.804079
568.916136 34.759157 3697.009
1.00000 5.833753 563.838070 2.804079
563.478689 39.672942 3408.825

COMB DL-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -12.849154 -285.435951 -8.973839
-245.507410 -81.415041 -2823.451
0.25000 -13.640698 -264.696385 -8.973839
-245.506783 -76.469001 -2846.509
0.50000 -14.462321 -244.847877 -8.973839
-245.506783 -72.094422 -2869.527
0.75000 -15.304812 -226.140421 -8.973839
-245.506783 -68.503798 -2892.561
1.00000 -16.157908 -208.790921 -8.973839
-245.506783 -65.680919 -2915.513

COMB DL-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 9.209192 526.989113 6.934951
607.002647 60.716049 5265.374
0.25000 8.789368 548.293329 6.934951
602.482712 61.451660 4984.752
0.50000 8.398938 570.626540 6.934951
597.962970 62.749553 4676.819
0.75000 8.182518 593.770102 6.934951
593.442842 64.765045 4356.089
1.00000 8.123728 617.476275 6.934951
588.922908 67.671225 4016.079
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COMB DL-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -16.043758 -300.964120 -9.242241
-505.747341 -77.195568 -3759.026
0.25000 -16.749450 -282.502373 -9.242241
-505.747341 -73.802885 -3830.950
0.50000 -17.481907 -264.833004 -9.242241
-505.747341 -71.190587 -3852.527
0.75000 -18.232902 -248.178859 -9.242241
-505.747341 -69.550129 -3874.120
1.00000 -18.993289 -232.733641 -9.242241
-505.747341 -68.918973 -3895.631

COMB DL-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.396955 119.229874 6.985890
85.297740 63.971583 1430.505
0.25000 4.390426 119.507187 6.985890
84.529835 58.505733 1332.784
0.50000 4.384314 119.800141 6.985890
83.792827 53.538333 1235.398
0.75000 4.378708 120.106133 6.985890
83.096784 49.388727 1139.246
1.00000 4.373689 120.422234 6.985890
82.451133 46.202868 1044.661

COMB DL-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -6.510820 -53.548741 -1.380141
-391.116373 -5.157000 -1463.637
0.25000 -6.519225 -53.291842 -1.380141
-391.669904 -7.323644 -1444.311
0.50000 -6.528034 -53.047025 -1.380141
-392.279514 -9.789696 -1424.986
0.75000 -6.537146 -52.816972 -1.380141
-392.936234 -12.557664 -1405.683
1.00000 -6.546453 -52.604141 -1.380141
-393.630865 -15.713789 -1386.429

COMB DL-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.667304 280.784635 9.249943
258.619599 87.624004 3089.388
0.25000 6.667151 280.791098 9.249943
258.601451 82.212702 2867.734
0.50000 6.667008 280.797926 9.249943
258.584037 77.519717 2654.970

0.75000 6.666877 280.805060 9.249943
258.567589 73.757360 2465.546
1.00000 6.666759 280.812430 9.249943
258.552327 71.105761 2291.570

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.734857 -118.701307 -2.697945
-646.433768 -12.114531 -2776.711
0.25000 -10.735053 -118.695310 -2.697945
-646.446927 -15.546855 -2754.032
0.50000 -10.735257 -118.689597 -2.697945
-646.461408 -19.337768 -2731.351
0.75000 -10.735469 -118.684228 -2.697945
-646.477007 -23.523848 -2708.686
1.00000 -10.735686 -118.679261 -2.697945
-646.493497 -28.171847 -2686.039

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.424895 463.536771 9.406329
561.086210 86.647791 4769.988
0.25000 9.092859 478.902609 9.406329
530.879038 83.747925 4496.428
0.50000 8.783010 495.075786 9.406329
501.733823 81.532234 4205.568
0.75000 8.500352 511.898451 9.406329
474.274752 80.180803 3911.885
1.00000 8.266947 529.206610 9.406329
449.028984 80.006341 3607.765
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COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.390286 -256.336091 -6.626128
-636.383977 -51.405069 -3740.887
0.25000 -15.877882 -242.563130 -6.626128
-646.583946 -51.332433 -3732.464
0.50000 -16.386335 -229.410259 -6.626128
-666.928695 -51.796233 -3724.033
0.75000 -16.909882 -217.031727 -6.626128
-689.121261 -52.873965 -3715.633
1.00000 -17.442270 -205.568916 -6.626128
-712.584488 -54.674606 -3707.216

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.351487 450.225648 7.642126
507.214959 78.412017 5218.032
0.25000 6.851472 472.203341 7.642126
495.538248 75.321491 4983.922
0.50000 6.403089 494.938005 7.642126
495.538248 73.796521 4747.088
0.75000 6.335340 518.145618 7.642126
495.538248 73.456902 4518.929
1.00000 6.335340 541.735413 7.642126
495.538248 74.341490 4296.450

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.951085 -280.785150 -7.849928
-578.218588 -77.587274 -2149.332
0.25000 -15.657896 -257.563109 -7.849928
-578.246014 -72.395183 -2272.639
0.50000 -16.377423 -235.226911 -7.849928
-581.197579 -68.029413 -2396.075
0.75000 -17.098298 -213.820362 -7.849928
-602.317481 -64.775717 -2519.510
1.00000 -17.817274 -193.574445 -7.849928
-638.369932 -62.734452 -2643.006

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.424895 526.989113 9.406329
607.002647 87.624004 5265.374
0.25000 9.092859 548.293329 9.406329
602.482712 83.747925 4984.752
0.50000 8.783010 570.626540 9.406329
597.962970 81.532234 4676.819
0.75000 8.500352 593.770102 9.406329
593.442842 80.180803 4356.089
1.00000 8.266947 617.476275 9.406329
588.922908 80.006341 4016.079

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.043758 -300.964120 -9.242241
-646.433768 -81.415041 -3759.026
0.25000 -16.749450 -282.502373 -9.242241
-646.583946 -76.469001 -3830.950
0.50000 -17.481907 -264.833004 -9.242241
-666.928695 -72.094422 -3852.527
0.75000 -18.232902 -248.178859 -9.242241
-689.121261 -69.550129 -3874.120
1.00000 -18.993289 -232.733641 -9.242241
-712.584488 -68.918973 -3895.631

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.424895 526.989113 9.406329
607.002647 87.624004 5265.374
0.25000 9.092859 548.293329 9.406329
602.482712 83.747925 4984.752
0.50000 8.783010 570.626540 9.406329
597.962970 81.532234 4747.088
0.75000 8.500352 593.770102 9.406329
593.442842 80.180803 4518.929
1.00000 8.266947 617.476275 9.406329
588.922908 80.006341 4296.450
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COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.043758 -300.964120 -9.242241
-646.433768 -81.415041 -3759.026
0.25000 -16.749450 -282.502373 -9.242241
-646.583946 -76.469001 -3830.950
0.50000 -17.481907 -264.833004 -9.242241
-666.928695 -72.094422 -3852.527
0.75000 -18.232902 -248.178859 -9.242241
-689.121261 -69.550129 -3874.120
1.00000 -18.993289 -232.733641 -9.242241
-712.584488 -68.918973 -3895.631

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.424895 526.989113 9.406329
607.002647 87.624004 5265.374
0.25000 9.092859 548.293329 9.406329
602.482712 83.747925 4984.752
0.50000 8.783010 570.626540 9.406329
597.962970 81.532234 4747.088
0.75000 8.500352 593.770102 9.406329
593.442842 80.180803 4518.929
1.00000 8.266947 617.476275 9.406329
588.922908 80.006341 4296.450

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.043758 -300.964120 -9.242241
-646.433768 -81.415041 -3759.026
0.25000 -16.749450 -282.502373 -9.242241
-646.583946 -76.469001 -3830.950
0.50000 -17.481907 -264.833004 -9.242241
-666.928695 -72.094422 -3852.527
0.75000 -18.232902 -248.178859 -9.242241
-689.121261 -69.550129 -3874.120
1.00000 -18.993289 -232.733641 -9.242241
-712.584488 -68.918973 -3895.631

ELEM 20 ========== LENGTH = 4.967901

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.096090 289.825355 0.342772
400.717363 16.123194 2226.527
0.25000 2.096090 308.379319 0.342772
400.717363 18.904255 2108.925
0.50000 2.096090 327.492699 0.342772
400.717363 21.716038 1968.081
0.75000 2.096090 346.911199 0.342772
400.717363 24.571430 1803.129
1.00000 2.096090 366.241672 0.342772
400.717363 27.459148 1614.322

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.711586 -152.581891 -6.141056
-66.179956 -49.887489 -1111.607
0.25000 -11.262939 -133.589575 -6.141056
-66.179956 -44.103953 -1189.036
0.50000 -11.804842 -114.995467 -6.141056
-66.179956 -38.880497 -1266.468
0.75000 -12.325487 -97.174996 -6.141056
-66.179956 -34.515912 -1344.110
1.00000 -12.810190 -80.319632 -6.141056
-66.179956 -31.134809 -1421.803

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.229356 480.608394 1.138739
576.856985 33.618957 3783.114
0.25000 3.229356 505.151954 1.138739
573.439125 37.972830 3522.034
0.50000 3.229356 530.361716 1.138739
573.439125 42.387568 3251.341
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REL DIST P V2 V3
T M2 M3
0.75000 3.229356 555.946400 1.138739
573.439125 46.858713 2980.270
1.00000 3.229356 581.907309 1.138739
573.439125 51.338903 2706.491

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.769402 -220.592754 -8.038656
-238.995079 -67.177943 -2039.870
0.25000 -16.499315 -195.023013 -8.038656
-238.995079 -60.296316 -2163.940
0.50000 -17.215554 -170.443398 -8.038656
-238.995079 -54.007145 -2288.010
0.75000 -17.904183 -146.899002 -8.038656
-238.995079 -48.655610 -2412.270
1.00000 -18.564241 -124.606056 -8.038656
-238.995079 -44.365466 -2536.658

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.737621 527.317537 4.987018
591.684646 64.251365 4296.499
0.25000 4.737621 549.098829 4.987018
591.684646 64.779528 3956.233
0.50000 4.737621 571.474466 4.987018
591.684646 65.812053 3615.960
0.75000 4.737621 594.184041 4.987018
591.684646 67.603837 3287.859
1.00000 4.737621 617.206676 4.987018
591.684646 70.260865 2970.870

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.243532 -226.984934 -7.839961
-520.355921 -66.970864 -2642.954
0.25000 -17.891272 -204.311818 -7.839961
-520.355921 -62.359057 -2774.830
0.50000 -18.526928 -182.497808 -7.839961
-520.355921 -58.313386 -2906.738
0.75000 -19.138058 -161.602007 -7.839961
-520.355921 -55.109506 -3038.819
1.00000 -19.723031 -141.817876 -7.839961
-520.355921 -52.876504 -3171.118

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.829154 97.642170 6.382442
72.945690 47.804171 938.587739
0.25000 2.821489 97.923009 6.382442
71.967670 41.499389 835.325793
0.50000 2.814810 98.209203 6.382442
71.121744 35.908161 735.862876
0.75000 2.814123 98.498417 6.382442
70.314649 31.193114 642.123261
1.00000 2.814123 98.812206 6.382442
69.549846 27.383920 555.097194

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.520117 -37.546166 -0.317338
-405.343882 -15.336059 -942.879118
0.25000 -4.528493 -37.234648 -0.317338
-406.114625 -17.939708 -958.701562
0.50000 -4.536684 -36.953493 -0.317338
-406.908548 -20.639793 -974.611040
0.75000 -4.544576 -36.684591 -0.317338
-407.734623 -23.363741 -990.724568
1.00000 -4.552916 -36.429608 -0.317338
-408.708257 -26.128069 -1006.839

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.123851 244.981612 8.249318
232.249852 71.428475 2219.751
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REL DIST P V2 V3
T M2 M3
0.25000 4.123566 244.992017 8.249318
232.213579 65.152714 1964.280
0.50000 4.123319 245.002619 8.249318
232.182209 59.717225 1736.392
0.75000 4.123291 245.013334 8.249318
232.152279 55.347635 1550.147
1.00000 4.123291 245.024961 8.249318
232.123916 52.292393 1405.245

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.983063 -68.605600 -1.196056
-674.035888 -24.912704 -1840.203
0.25000 -7.983373 -68.594057 -1.196056
-674.064475 -28.375114 -1891.614
0.50000 -7.983677 -68.583641 -1.196056
-674.093920 -31.882536 -1943.026
0.75000 -7.983969 -68.573679 -1.196056
-674.124597 -35.452985 -1994.718
1.00000 -7.984278 -68.564232 -1.196056
-674.160707 -39.047239 -2046.469

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.060278 447.493774 7.780513
536.773787 78.403504 3746.211
0.25000 4.998870 463.500470 7.780513
494.894522 74.737045 3424.493
0.50000 4.998870 479.881212 7.780513
457.421141 71.847642 3108.240
0.75000 4.998870 496.470581 7.780513
425.816833 69.922466 2810.529
1.00000 1.998870 513.870451 7.780513
399.528033 69.191919 2531.631

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.843504 -188.661455 -4.891476
-652.173549 -53.924978 -2566.767
0.25000 -15.320219 -171.453624 -4.891476
-652.173549 -52.772533 -2670.653
0.50000 -15.787295 -155.424121 -4.891476
-656.907774 -51.877816 -2774.538
0.75000 -16.236814 -140.080116 -4.891476
-677.887269 -51.429650 -2878.709
1.00000 -16.689335 -125.541530 -4.891476
-701.950876 -51.432808 -2983.076

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.738286 333.767725 0.541600
488.246972 19.899727 1979.984
0.25000 3.688733 353.466405 0.541600
491.270834 24.100326 1803.374
0.50000 3.658519 373.965386 0.541600
494.294695 28.547570 1601.699
0.75000 3.645560 395.080478 0.541600
497.318557 33.339171 1441.960
1.00000 3.645098 416.631302 0.541600
500.342419 38.653481 1288.472

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.231733 -149.521269 -8.310353
-126.144832 -49.794514 -1581.332
0.25000 -10.874786 -135.434429 -8.310353
-126.144832 -43.899055 -1621.732
0.50000 -11.526445 -122.025153 -8.310353
-126.144832 -38.414210 -1669.368
0.75000 -12.178369 -109.472855 -8.310353
-126.144832 -33.693381 -1817.326
1.00000 -12.818769 -97.914479 -8.310353
-126.144832 -29.960283 -2008.537
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COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.582857 566.773800 1.590656
714.038247 40.984867 3410.170
0.25000 5.453648 592.292534 1.590656
708.599542 46.960316 3064.455
0.50000 5.398224 618.855798 1.590656
703.160837 53.226557 2690.669
0.75000 5.367547 646.237528 1.590656
697.722133 59.946521 2409.982
1.00000 5.359004 674.211140 1.590656
692.283428 67.303320 2177.564

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.007485 -234.552050 -10.662209
-312.128443 -70.299965 -2915.800
0.25000 -16.828198 -215.784407 -10.662209
-312.128443 -63.644849 -2963.150
0.50000 -17.660773 -197.970657 -10.662209
-312.128443 -57.683079 -3016.905
0.75000 -18.494897 -181.335766 -10.662209
-312.128443 -52.681194 -3225.317
1.00000 -19.320448 -166.035490 -10.662209
-312.128443 -48.753306 -3527.125

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.178043 640.684562 6.632231
769.529631 71.690185 4016.359
0.25000 7.073539 663.418814 6.632231
765.008650 73.642031 3579.756
0.50000 7.024726 687.081908 6.632231
760.487670 76.137684 3120.104
0.75000 6.997899 711.474152 6.632231
755.966689 79.511784 2761.360
1.00000 6.990696 736.392771 6.632231
751.445709 84.009017 2482.036

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.812400 -253.378243 -10.156318
-642.943627 -73.797924 -3895.550
0.25000 -19.543966 -236.676972 -10.156318
-642.943627 -70.185732 -3924.230
0.50000 -20.286074 -220.822745 -10.156318
-642.943627 -67.640070 -3958.764
0.75000 -21.029521 -206.016448 -10.156318
-642.943627 -66.175370 -4190.436
1.00000 -21.765244 -192.396515 -10.156318
-642.943627 -65.974493 -4496.618

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.648775 134.779075 8.535882
147.556245 49.617564 1043.241
0.25000 3.643176 135.072219 8.535882
146.763386 43.019840 910.770282
0.50000 3.638156 135.378202 8.535882
146.017942 36.943228 778.718338
0.75000 3.633780 135.694571 8.535882
145.327271 31.793939 659.590711
1.00000 3.631271 136.018912 8.535882
144.696740 27.781894 579.952339

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.269974 -53.046490 -0.420081
-514.450702 -16.947547 -1386.017
0.25000 -6.278858 -52.807554 -0.420081
-515.013334 -20.860563 -1346.372
0.50000 -6.287925 -52.582954 -0.420081
-515.616877 -25.163861 -1306.845
0.75000 -6.297061 -52.374850 -0.420081
-516.252750 -29.960211 -1282.574
1.00000 -6.306160 -52.184783 -0.420081
-516.912412 -35.381159 -1306.087
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COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.290485 328.511641 10.904673
338.534386 75.748895 2289.729
0.25000 5.290354 328.518471 10.904673
338.515664 69.198266 1986.290
0.50000 5.290236 328.525600 10.904673
338.498067 63.439145 1691.119
0.75000 5.290133 328.532973 10.904673
338.481766 58.633146 1456.850
1.00000 5.290069 328.540531 10.904673
338.466884 55.053759 1314.074

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.068120 -107.264453 -1.464481
-803.681372 -29.997738 -2685.394
0.25000 -11.068327 -107.258872 -1.464481
-803.694755 -35.588429 -2638.903
0.50000 -11.068538 -107.253628 -1.464481
-803.709099 -41.682992 -2592.492
0.75000 -11.068751 -107.248769 -1.464481
-803.724204 -48.280752 -2595.129
1.00000 -11.068962 -107.244332 -1.464481
-803.739872 -55.551109 -2696.541

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.491026 553.848453 10.336021
677.159057 84.419681 3606.787
0.25000 7.223312 570.171655 10.336021
645.297129 81.231867 3198.705
0.50000 6.990508 587.185084 10.336021
614.971358 78.911010 2774.402
0.75000 6.953348 604.749356 10.336021
586.759835 77.709312 2435.309
1.00000 6.932336 622.721533 10.336021
561.030641 77.991833 2186.698

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.182994 -221.808654 -6.407871
-791.746923 -60.259026 -3706.801
0.25000 -17.693170 -209.168674 -6.407871
-793.177356 -61.075366 -3689.334
0.50000 -18.212330 -197.232178 -6.407871
-812.934548 -62.653407 -3673.404
0.75000 -18.733811 -186.128905 -6.407871
-834.121227 -65.147233 -3777.973
1.00000 -19.251463 -175.955833 -6.407871
-856.241213 -68.755438 -4010.869

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.060278 527.317537 8.249318
591.684646 78.403504 4296.499
0.25000 4.998870 549.098829 8.249318
591.684646 74.737045 3956.233
0.50000 4.998870 571.474466 8.249318
591.684646 71.847642 3615.960
0.75000 4.998870 594.184041 8.249318

591.684646 69.922466 3287.859
1.00000 4.998870 617.206676 8.249318
591.684646 70.260865 2970.870

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -17.243532 -226.984934 -8.038656
-674.035888 -67.177943 -2642.954
0.25000 -17.891272 -204.311818 -8.038656
-674.064475 -62.359057 -2774.830
0.50000 -18.526928 -182.497808 -8.038656
-674.093920 -58.313386 -2906.738
0.75000 -19.138058 -161.602007 -8.038656
-677.887269 -55.109506 -3038.819
1.00000 -19.723031 -141.817876 -8.038656
-701.950876 -52.876504 -3171.118
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COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 7.491026 640.684562 10.904673
769.529631 84.419681 4016.359
0.25000 7.223312 663.418814 10.904673
765.008650 81.231867 3579.756
0.50000 7.024726 687.081908 10.904673
760.487670 78.911010 3120.104
0.75000 6.997899 711.474152 10.904673
755.966689 79.511784 2761.360
1.00000 6.990696 736.392771 10.904673
751.445709 84.009017 2482.036

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -18.812400 -253.378243 -10.662209
-803.681372 -73.797924 -3895.550
0.25000 -19.543966 -236.676972 -10.662209
-803.694755 -70.185732 -3924.230
0.50000 -20.286074 -220.822745 -10.662209
-812.934548 -67.640070 -3958.764
0.75000 -21.029521 -206.016448 -10.662209
-834.121227 -66.175370 -4190.436
1.00000 -21.765244 -192.396515 -10.662209
-856.241213 -68.755438 -4496.618

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 7.491026 640.684562 10.904673
769.529631 84.419681 4296.499
0.25000 7.223312 663.418814 10.904673
765.008650 81.231867 3956.233
0.50000 7.024726 687.081908 10.904673
760.487670 78.911010 3615.960
0.75000 6.997899 711.474152 10.904673
755.966689 79.511784 3287.859
1.00000 6.990696 736.392771 10.904673
751.445709 84.009017 2970.870

COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -18.812400 -253.378243 -10.662209
-803.681372 -73.797924 -3895.550
0.25000 -19.543966 -236.676972 -10.662209
-803.694755 -70.185732 -3924.230
0.50000 -20.286074 -220.822745 -10.662209
-812.934548 -67.640070 -3958.764
0.75000 -21.029521 -206.016448 -10.662209
-834.121227 -66.175370 -4190.436
1.00000 -21.765244 -192.396515 -10.662209
-856.241213 -68.755438 -4496.618

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 7.491026 640.684562 10.904673
769.529631 84.419681 4296.499
0.25000 7.223312 663.418814 10.904673
765.008650 81.231867 3956.233
0.50000 7.024726 687.081908 10.904673
760.487670 78.911010 3615.960
0.75000 6.997899 711.474152 10.904673
755.966689 79.511784 3287.859
1.00000 6.990696 736.392771 10.904673
751.445709 84.009017 2970.870

COMB DESIGN ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -18.812400 -253.378243 -10.662209
-803.681372 -73.797924 -3895.550
0.25000 -19.543966 -236.676972 -10.662209
-803.694755 -70.185732 -3924.230
0.50000 -20.286074 -220.822745 -10.662209
-812.934548 -67.640070 -3958.764
0.75000 -21.029521 -206.016448 -10.662209
-834.121227 -66.175370 -4190.436
1.00000 -21.765244 -192.396515 -10.662209
-856.241213 -68.755438 -4496.618
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ELEM 21 ========== LENGTH = 4.967114

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 1.805347 341.408235 0.321220
433.962672 28.806433 1615.233
0.25000 1.805347 360.228183 0.321220
433.962672 31.253133 1432.326
0.50000 1.805347 379.484235 0.321220
433.962672 33.812925 1224.623
0.75000 1.805347 398.934340 0.321220
433.962672 36.445122 991.350900
1.00000 1.805347 418.241998 0.321220
433.962672 39.116667 733.603076

COMB DB-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -12.545024 -100.748483 -6.133528
-149.926654 -32.544689 -1422.170
0.25000 -12.964134 -81.904614 -6.133528
-149.926654 -26.385798 -1525.164
0.50000 -13.346384 -64.747768 -6.133528
-149.926654 -20.803366 -1628.509
0.75000 -13.678913 -48.588219 -6.133528
-149.926654 -16.069172 -1732.173
1.00000 -13.945977 -38.992734 -6.133528
-149.926654 -12.304292 -1835.836

COMB DB-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 2.675664 560.101858 1.020182
613.500077 51.574992 2707.275
0.25000 2.675664 584.877616 1.020182
613.500077 55.186559 2346.301
0.50000 2.675664 610.179769 1.020182
613.500077 58.883543 1975.169
0.75000 2.675664 635.740469 1.020182
613.500077 62.672863 1603.002
1.00000 2.675664 661.567176 1.020182
613.500077 66.583564 1227.466

COMB DB-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -18.580537 -157.423780 -7.853028
-340.932544 -47.427943 -2536.976
0.25000 -19.154382 -132.126590 -7.853028
-340.932544 -39.943480 -2691.204
0.50000 -19.679806 -109.165759 -7.853028
-340.932544 -33.093826 -2845.658
0.75000 -20.141539 -87.723259 -7.853028
-340.932544 -27.188473 -3000.659
1.00000 -20.537789 -72.273806 -7.853028
-340.932544 -22.340914 -3155.689

COMB DB-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.545548 609.633277 4.830178
685.336906 72.734324 2970.828
0.25000 3.545548 631.625693 4.830178
685.336906 72.647901 2532.802
0.50000 3.545548 654.087394 4.830178
685.336906 73.048695 2093.999
0.75000 3.545548 676.778876 4.830178
685.336906 74.435406 1670.900
1.00000 3.545548 699.686857 4.830178
685.336906 76.608486 1314.874

COMB DB-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -19.557398 -170.264281 -7.444426
-635.603208 -56.895976 -3171.142
0.25000 -20.065838 -147.829837 -7.444426
-635.603208 -51.595173 -3316.036
0.50000 -20.531292 -127.464346 -7.444426
-635.603208 -46.898410 -3461.138
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST P V2 V3
T M2 M3
0.75000 -20.940135 -108.437907 -7.444426
-635.603208 -43.100793 -3607.096
1.00000 -21.289972 -94.843725 -7.444426
-635.603208 -40.267988 -3753.241

COMB DB-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 2.258114 105.986787 6.383104
160.798289 29.920833 553.961226
0.25000 2.254493 106.265517 6.383104
159.805087 23.268607 445.130285
0.50000 2.253563 106.548886 6.383104
158.928716 17.287344 343.477268
0.75000 2.253563 106.834815 6.383104
158.080038 12.126911 252.321945
1.00000 2.253563 107.143066 6.383104
157.261077 7.907239 236.964244

COMB DB-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -4.128492 -36.250732 -0.285524
-442.458633 -28.001553 -1006.483
0.25000 -4.135845 -35.945401 -0.285524
-443.245045 -30.211762 -999.016130
0.50000 -4.142669 -35.671454 -0.285524
-444.053087 -32.576130 -992.197241
0.75000 -4.148844 -35.422815 -0.285524
-444.900966 -35.061662 -985.682875
1.00000 -4.155125 -35.186278 -0.285524
-445.887201 -37.610070 -979.364799

COMB DB-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.018424 273.167595 8.140862
338.504301 54.669453 1403.720
0.25000 3.018289 273.177921 8.140862
338.467471 47.831103 1119.020
0.50000 3.018254 273.188419 8.140862
338.434977 41.794732 867.638258
0.75000 3.018254 273.199012 8.140862
338.403510 36.783224 665.210949
1.00000 3.018254 273.210433 8.140862
338.373143 33.178728 595.362448

COMB DB-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -8.027063 -67.749058 -0.812507
-725.452477 -41.408724 -2045.940
0.25000 -8.027335 -67.737745 -0.812507
-725.481641 -44.372536 -2069.692
0.50000 -8.027588 -67.727595 -0.812507
-725.511604 -47.444115 -2094.303
0.75000 -8.027817 -67.718383 -0.812507
-725.543087 -50.627546 -2119.102
1.00000 -8.028050 -67.709619 -0.812507
-725.579660 -53.889049 -2144.457

COMB DB-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.859336 510.204640 7.639461
615.823720 71.608241 2530.605
0.25000 3.859336 526.230083 7.639461
576.997774 67.084950 2135.568
0.50000 3.859336 542.562794 7.639461
547.879394 63.344161 1750.682
0.75000 3.859336 559.052728 7.639461
516.931139 60.593140 1390.280
1.00000 3.859336 576.249873 7.639461
516.935855 59.127491 1128.862

COMB DB-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -16.267464 -152.602396 -4.583539
-734.004769 -56.730583 -2982.766
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST P V2 V3
T M2 M3
0.25000 -16.663991 -135.657931 -4.583539
-734.004769 -54.725009 -3077.239
0.50000 -17.029349 -120.368461 -4.583539
-734.004769 -53.096433 -3172.483
0.75000 -17.355477 -106.290171 -4.583539
-734.950635 -51.975800 -3268.155
1.00000 -17.662558 -93.102563 -4.583539
-762.926673 -55.225151 -3364.507

COMB DL-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.361055 422.908465 0.438655
547.358432 41.095964 1289.225
0.25000 3.359834 444.493282 0.438655
550.381799 45.813370 1162.461
0.50000 3.359834 466.827177 0.438655
553.405166 50.956074 1038.857
0.75000 3.359782 489.750393 0.438655
556.428532 56.700868 919.316954
1.00000 3.359782 513.113231 0.438655
559.451899 63.111118 806.352633

COMB DL-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -12.809220 -113.220693 -8.317320
-236.671703 -31.420107 -2008.236
0.25000 -13.433749 -101.062625 -8.317320
-236.671703 -25.916748 -2276.848
0.50000 -14.038002 -89.627777 -8.317320
-236.671703 -21.045058 -2585.882
0.75000 -14.614032 -79.054288 -8.317320
-236.671703 -17.132577 -2936.466
1.00000 -15.155950 -69.453103 -8.317320
-236.671703 -14.347942 -3329.254

COMB DL-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.857700 702.490509 1.365750
776.659700 69.939131 2178.249
0.25000 4.838370 730.235958 1.365750
771.221885 76.336244 1927.774
0.50000 4.835333 758.969231 1.365750
765.784071 83.340125 1703.508
0.75000 4.835211 788.498309 1.365750
760.346257 91.071696 1522.621
1.00000 4.834847 818.630486 1.365750
754.908442 99.702715 1379.026

COMB DL-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -19.914311 -182.987491 -10.476699
-443.496535 -51.888885 -3526.688
0.25000 -20.717188 -166.640565 -10.476699
-443.496535 -45.751248 -3943.975
0.50000 -21.508139 -151.284804 -10.476699
-443.496535 -40.549681 -4432.897
0.75000 -22.265741 -137.093517 -10.476699
-443.496535 -36.557506 -4994.138
1.00000 -22.979422 -124.197576 -10.476699
-443.496535 -33.854280 -5628.774

COMB DL-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 5.942914 772.360679 6.387389
904.059645 88.384022 2481.796
0.25000 5.926394 797.085720 6.387389
899.539405 90.927943 2169.146
0.50000 5.924070 822.689865 6.387389
895.019164 94.383508 1900.139
0.75000 5.923961 849.001847 6.387389
890.498924 99.008336 1693.777
1.00000 5.923961 875.849896 6.387389
885.978684 105.202308 1554.188
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -22.064329 -208.534964 -9.806713
-804.857813 -70.623471 -4495.861
0.25000 -22.779879 -193.992856 -9.806713
-804.857813 -67.991311 -4898.481
0.50000 -23.484496 -180.331855 -9.806713
-804.857813 -66.419529 -5382.979
0.75000 -24.159016 -167.706549 -9.806713
-804.857813 -66.236577 -5951.680
1.00000 -24.794401 -156.233974 -9.806713
-804.857813 -67.553564 -6605.489

COMB DL-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.190022 137.722768 8.546877
264.934964 29.874131 578.645860
0.25000 3.185745 138.031998 8.546877
264.164142 23.947729 493.263432
0.50000 3.182098 138.353912 8.546877
263.433492 18.788957 426.486591
0.75000 3.180919 138.686362 8.546877
262.750137 14.636673 381.371754
1.00000 3.180590 139.027288 8.546877
262.119456 11.775883 370.796242

COMB DL-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -5.722108 -61.785523 -0.353633
-575.281350 -37.995030 -1305.740
0.25000 -5.730955 -61.570996 -0.353633
-575.841023 -42.692774 -1318.105
0.50000 -5.739778 -61.370250 -0.353633
-576.446780 -47.933985 -1352.844
0.75000 -5.748453 -61.185038 -0.353633
-577.091948 -53.895377 -1410.427
1.00000 -5.756853 -61.016779 -0.353633
-577.769373 -60.628788 -1490.724

COMB DL-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.331334 361.718969 10.773910
483.185257 58.089149 1312.339
0.25000 4.331234 361.726168 10.773910
483.167070 52.024778 1099.078
0.50000 4.331148 361.733663 10.773910
483.149836 46.847085 935.988308
0.75000 4.331114 361.741405 10.773910
483.133714 42.824881 842.510162
1.00000 4.331106 361.749346 10.773910
483.118838 40.155125 826.119858

COMB DL-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -11.154235 -108.222825 -1.063527
-889.363478 -59.045052 -2696.050
0.25000 -11.154441 -108.217811 -1.063527
-889.376774 -65.318009 -2810.248
0.50000 -11.154646 -108.213120 -1.063527
-889.391153 -72.183293 -2974.954
0.75000 -11.154848 -108.208792 -1.063527
-889.406459 -79.748867 -3191.514
1.00000 -11.155044 -108.204860 -1.063527
-889.422527 -88.183509 -3458.545

COMB DL-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.044140 646.217960 10.141296
814.323488 81.514371 2185.514
0.25000 5.982913 663.707481 10.141296
782.555442 79.062854 1901.321
0.50000 5.960206 681.864736 10.141296
752.276645 77.767386 1663.311
0.75000 5.949253 700.570718 10.141296
723.914002 78.022205 1491.069
1.00000 5.947261 719.704047 10.141296
697.810030 80.456892 1391.916
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -19.124471 -196.828657 -6.053656
-917.730036 -74.927381 -4010.245
0.25000 -19.628067 -185.645248 -6.053656
-918.500699 -76.670595 -4308.484
0.50000 -20.127259 -175.160198 -6.053656
-932.374778 -79.431818 -4683.550
0.75000 -20.615079 -165.477462 -6.053656
-954.826352 -83.516903 -5137.210
1.00000 -21.084033 -156.685028 -6.053656
-978.609602 -89.590785 -5668.915

COMB DB ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.859336 609.633277 8.140862
685.336906 72.734324 2970.828
0.25000 3.859336 631.625693 8.140862
685.336906 72.647901 2532.802
0.50000 3.859336 654.087394 8.140862
685.336906 73.048695 2093.999
0.75000 3.859336 676.778876 8.140862
685.336906 74.435406 1670.900
1.00000 3.859336 699.686857 8.140862
685.336906 76.608486 1314.874

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -19.557398 -170.264281 -7.853028
-734.004769 -56.895976 -3171.142
0.25000 -20.065838 -147.829837 -7.853028
-734.004769 -54.725009 -3316.036
0.50000 -20.531292 -127.464346 -7.853028
-734.004769 -53.096433 -3461.138
0.75000 -20.940135 -108.437907 -7.853028
-734.950635 -51.975800 -3607.096
1.00000 -21.289972 -94.843725 -7.853028
-762.926673 -55.225151 -3753.241

COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.044140 772.360679 10.773910
904.059645 88.384022 2481.796
0.25000 5.982913 797.085720 10.773910
899.539405 90.927943 2169.146
0.50000 5.960206 822.689865 10.773910
895.019164 94.383508 1900.139
0.75000 5.949253 849.001847 10.773910
890.498924 99.008336 1693.777
1.00000 5.947261 875.849896 10.773910
885.978684 105.202308 1554.188

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -22.064329 -208.534964 -10.476699
-917.730036 -74.927381 -4495.861
0.25000 -22.779879 -193.992856 -10.476699
-918.500699 -76.670595 -4898.481
0.50000 -23.484496 -180.331855 -10.476699
-932.374778 -79.431818 -5382.979
0.75000 -24.159016 -167.706549 -10.476699
-954.826352 -83.516903 -5951.680
1.00000 -24.794401 -156.685028 -10.476699
-978.609602 -89.590785 -6605.489

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.044140 772.360679 10.773910
904.059645 88.384022 2970.828
0.25000 5.982913 797.085720 10.773910
899.539405 90.927943 2532.802
0.50000 5.960206 822.689865 10.773910
895.019164 94.383508 2093.999
0.75000 5.949253 849.001847 10.773910
890.498924 99.008336 1693.777

```
 1.00000      5.947261    875.849896     10.773910
885.978684  105.202308     1554.188
 Program    SAP2000    Nonlinear    Version    7.42
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F O R C E S

 COMB      CAR  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -22.064329  -208.534964    -10.476699
-917.730036   -74.927381    -4495.861
 0.25000    -22.779879  -193.992856    -10.476699
-918.500699   -76.670595    -4898.481
 0.50000    -23.484496  -180.331855    -10.476699
-932.374778   -79.431818    -5382.979
 0.75000    -24.159016  -167.706549    -10.476699
-954.826352   -83.516903    -5951.680
 1.00000    -24.794401  -156.685028    -10.476699
-978.609602   -89.590785    -6605.489

 COMB  DESIGN  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      6.044140    772.360679     10.773910
904.059645   88.384022     2970.828
 0.25000      5.982913    797.085720     10.773910
899.539405   90.927943     2532.802
 0.50000      5.960206    822.689865     10.773910
895.019164   94.383508     2093.999
 0.75000      5.949253    849.001847     10.773910
890.498924   99.008336     1693.777
 1.00000      5.947261    875.849896     10.773910
885.978684  105.202308     1554.188

 COMB  DESIGN  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -22.064329  -208.534964    -10.476699
-917.730036   -74.927381    -4495.861
 0.25000    -22.779879  -193.992856    -10.476699
-918.500699   -76.670595    -4898.481
 0.50000    -23.484496  -180.331855    -10.476699
-932.374778   -79.431818    -5382.979
 0.75000    -24.159016  -167.706549    -10.476699
-954.826352   -83.516903    -5951.680
 1.00000    -24.794401  -156.685028    -10.476699
-978.609602   -89.590785    -6605.489

 ELEM       22  ================== LENGTH =
 4.967352

 COMB DB-G1-1  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      1.485960    411.569690      1.525908
403.123080   40.735288     734.291947
 0.25000      1.485960    430.554607      1.525908
403.123080   41.107894     472.037073
 0.50000      1.485960    449.738857      1.525908
403.123080   41.649117     385.177229
 0.75000      1.485960    468.867614      1.525908
403.123080   42.330795     435.575720
 1.00000      1.485960    487.549034      1.525908
403.123080   43.172053     485.974212

 COMB DB-G1-1  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -14.015641    -40.583786     -4.700992
-248.119091   -12.087454    -1836.473
 0.25000    -14.175307    -40.583786     -4.700992
-248.119091    -8.033776    -1971.473
 0.50000    -14.258964    -40.583786     -4.700992
-248.119091    -5.820889    -2106.476
 0.75000    -14.263463    -40.583786     -4.700992
-248.119091    -6.018228    -2241.843
 1.00000    -14.263463    -40.583786     -4.700992
-248.119091    -6.216175    -2377.286

 COMB DB-G1-2  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      2.379977    660.097457      2.146253
587.019831   69.776680     1227.937
 0.25000      2.379977    685.180145      2.146253
587.019831   70.042175     795.862609
 0.50000      2.379977    710.505150      2.146253
587.019831   70.554364     702.334780
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F O R C E S

 REL DIST              P              V2              V3
     T          M2             M3
 0.75000      2.379977    735.778980      2.146253
587.019831   71.316504     794.489560
 1.00000      2.379977    760.994902      2.146253
587.019831   72.199884     886.644340

 COMB DB-G1-2  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -20.858830    -79.179896     -5.925763
-455.802894   -23.463940    -3156.282
 0.25000    -21.120833    -74.208369     -5.925763
-455.802894   -19.973024    -3348.187
 0.50000    -21.285226    -74.208369     -5.925763
-455.802894   -20.707013    -3540.092
 0.75000    -21.331199    -74.208369     -5.925763
-455.802894   -21.486083    -3732.098
 1.00000    -21.331199    -74.208369     -5.925763
-455.802894   -22.265153    -3924.509

 COMB DB-G1-3  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      2.858254    699.291005      4.950852
729.855302   80.780908     1315.351
 0.25000      2.858254    721.552057      4.950852
729.855302   78.985030     949.021913
 0.50000      2.858254    744.029057      4.950852
729.855302   77.995583     903.337569
 0.75000      2.858254    766.459703      4.950852
729.855302   77.349887     1022.264
 1.00000      2.858254    788.816393      4.950852
729.855302   77.341344     1141.191

 COMB DB-G1-3  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -21.303877    -99.763379     -6.475341
-719.555444   -42.891471    -3753.348
 0.25000    -21.534245    -95.766595     -6.475341
-719.555444   -39.845486    -3915.583
 0.50000    -21.677866    -95.766595     -6.475341
-719.555444   -40.850884    -4078.016
 0.75000    -21.716193    -95.766595     -6.475341
-719.555444   -41.999173    -4241.116
 1.00000    -21.716193    -95.766595     -6.475341
-719.555444   -43.219185    -4404.810

 COMB DB-G2-1  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      2.190567     98.224178      4.890224
263.439701    8.493751    237.075615
 0.25000      2.188369     98.510017      4.890224
262.414480    5.838595    275.659399
 0.50000      2.187818     98.798397      4.890224
261.544096    5.984333    315.301408
 0.75000      2.187818     99.086995      4.890224
260.698844    6.131166    357.239199
 1.00000      2.187818     99.396773      4.890224
259.885392    6.279228    399.176989

 COMB DB-G2-1  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000     -3.590701    -43.328537     -1.552097
-413.402040   -39.948825   -978.766782
 0.25000     -3.595752    -43.050195     -1.552097
-414.252226   -40.077198   -944.627473
 0.50000     -3.599803    -42.875519     -1.552097
-415.175533   -40.446581   -911.312951
 0.75000     -3.602687    -42.875519     -1.552097
-416.122994   -40.956112   -878.520984
 1.00000     -3.605113    -42.875519     -1.552097
-417.188885   -41.609079   -846.894575

 COMB DB-G2-2  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      2.770745    280.041816      6.178260
467.999873   35.851758     595.339916
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 REL DIST              P              V2              V3
     T          M2             M3
 0.25000      2.770664    280.052406      6.178260
467.961859   30.817345     537.636167
 0.50000      2.770642    280.063090      6.178260
467.929591   26.881555     619.697010
 0.75000      2.770642    280.073782      6.178260
467.898254   25.415290     701.842921
 1.00000      2.770642    280.085260      6.178260
467.868094   25.446261     783.988832

 COMB DB-G2-2  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000     -7.812740    -69.611470     -2.249170
-693.989413   -56.919760    -2143.606
 0.25000     -7.812927    -69.601156     -2.249170
-694.020977   -57.276905    -2135.485
 0.50000     -7.813077    -69.594655     -2.249170
-694.055210   -58.183074    -2128.766
 0.75000     -7.813184    -69.594655     -2.249170
-694.090339   -59.353876    -2122.750
 1.00000     -7.813274    -69.594655     -2.249170
-694.129863   -60.674777    -2117.309

 COMB DB-G2-3  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      3.548181    565.250737      6.425980
671.544310   62.262652     1128.988
 0.25000      3.548181    581.576754      6.425980
639.337789   57.852655     882.539040
 0.50000      3.548181    598.057318      6.425980
622.847277   54.553315     871.753330
 0.75000      3.548181    614.524103      6.425980
622.847277   53.917958     986.858223
 1.00000      3.548181    631.563732      6.425980
622.847277   54.416052     1101.963

 COMB DB-G2-3  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -17.206574  -110.401277     -5.010084
-756.649369   -58.163805    -3364.046
 0.25000    -17.434770    -96.110725     -5.010084
-756.649369    -58.702914    -3449.050
 0.50000    -17.602518    -96.110725     -5.010084
-756.649369    -59.777874    -3535.263
 0.75000    -17.698243    -96.110725     -5.010084
-777.949863   -61.097072    -3622.134
 1.00000    -17.739034    -96.110725     -5.010084
-809.223414   -62.546815    -3709.551

 COMB DL-G1-1  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      2.998220    544.065517      1.330424
519.193975   67.046590     806.571989
 0.25000      2.998220    568.099873      1.330424
522.217487   69.368438     709.374219
 0.50000      2.998220    592.774289      1.330424
525.240999   72.185291     624.602463
 0.75000      2.998220    617.911792      1.330424
528.264511   75.525447     582.195051
 1.00000      2.998220    643.316299      1.330424
530.978832   79.297655     634.870532

 COMB DL-G1-1  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -15.667789    -74.688911     -5.350670
-367.198823   -14.588107    -3328.677
 0.25000    -16.170051    -65.244395     -5.350670
-367.198823   -11.707066    -3821.798
 0.50000    -16.670342    -58.817593     -5.350670
-367.198823    -9.548101    -4363.263
 0.75000    -17.170634    -57.897933     -5.350670
-367.198823    -8.925319    -4956.336
 1.00000    -17.670924    -57.640256     -5.350670
-366.889581    -8.976375    -5605.458
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 COMB DL-G1-2  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      4.347782    876.027575      2.070717
734.696308  104.304382     1379.149
 0.25000      4.347782    906.795423      2.070717
729.258233  107.538552     1199.021
 0.50000      4.347782    938.434999      2.070717
723.820157  111.512314     1089.619
 0.75000      4.347782    970.721468      2.070717
719.014858  116.486122     1056.749
 1.00000      4.347011    1003.428        2.070717
716.330210  121.728346     1157.944

 COMB DL-G1-2  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -24.169103  -134.189472     -6.782529
-592.963038   -35.370685    -5628.143
 0.25000    -24.841498  -121.083257     -6.782529
-592.963038   -32.163020    -6398.847
 0.50000    -25.477859  -109.046802     -6.782529
-592.963038   -31.492097    -7245.790
 0.75000    -26.114220  -106.750157     -6.782529
-593.594882   -32.104121    -8179.384
 1.00000    -26.749808  -106.174233     -6.782529
-596.348272   -32.948174    -9193.655

 COMB DL-G1-3  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      5.139223    928.211298      5.316652
955.426094  110.188281     1554.129
 0.25000      5.139223    955.633711      5.316652
950.905637  111.331615     1398.336
 0.50000      5.139223    983.831321      5.316652
946.385180  113.555618     1328.536
 0.75000      5.139223    1012.603        5.316652
942.282821  117.119750     1345.103
 1.00000      5.138630    1041.748        5.316652
939.995299  121.389608     1482.616

 COMB DL-G1-3  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -25.413433  -173.718458     -7.039191
-923.838279   -71.667417    -6604.808
 0.25000    -26.011688  -162.072874     -7.039191
-923.838279   -70.096351    -7366.510
 0.50000    -26.579001  -151.378669     -7.039191
-923.838279   -71.001424    -8214.597
 0.75000    -27.146315  -149.470842     -7.039191
-924.256377   -73.340650    -9156.776
 1.00000    -27.713034  -148.966481     -7.039191
-926.489269   -76.194154   -10173.633

 COMB DL-G2-1  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      3.345812    128.857295      5.538274
400.809418   12.225649    370.486276
 0.25000      3.343342    129.194756      5.538274
400.052007    9.203466    390.336927
 0.50000      3.342786    129.544504      5.538274
399.334411    8.417876    423.969976
 0.75000      3.342338    129.904139      5.538274
398.664157    8.436789    468.231424
 1.00000      3.341924    130.271093      5.538274
398.048014    8.647744    519.704155

 COMB DL-G2-1  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000     -4.970683    -88.753875     -1.305861
-541.142449   -64.796216    -1490.947
 0.25000     -4.978664    -88.564454     -1.305861
-541.771016   -67.300489    -1537.969
 0.50000     -4.986289    -88.389441     -1.305861
-542.452116   -70.448962    -1601.094
 0.75000     -4.993375    -88.230790     -1.305861
-543.179160   -74.325680    -1677.172
 1.00000     -4.999764    -88.168628     -1.305861
-543.943927   -78.458204    -1761.506
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 COMB DL-G2-2  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      4.194541    380.876956      7.037353
650.340045   41.531880     825.706764
 0.25000      4.194479    380.884809      7.037353
650.322163   38.093722     785.424467
 0.50000      4.194464    380.892951      7.037353
650.305221   35.633046     823.784477
 0.75000      4.194453    380.901323      7.037353
650.289394   34.229220     912.446046
 1.00000      4.194443    380.909868      7.037353
650.274841   34.007562     1018.893

 COMB DL-G2-2  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -10.985689  -134.016306     -2.014960
-859.153171   -93.496833    -3458.843
 0.25000    -10.985875  -134.011870     -2.014960
-859.168061   -96.635043    -3708.312
 0.50000    -10.986053  -134.007771     -2.014960
-859.184192  -100.387977    -3998.578
 0.75000    -10.986218  -134.004054     -2.014960
-859.201402  -104.815018    -4330.923
 1.00000    -10.986367  -134.002517     -2.014960
-859.219512  -109.734984    -4684.811

 COMB DL-G2-3  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      5.761140    745.197950      7.194168
909.317335   82.682742     1391.592
 0.25000      5.747063    764.444194      7.194168
878.651498   82.063758     1286.560
 0.50000      5.737867    784.311697      7.194168
849.592886   82.573127     1261.472
 0.75000      5.730148    804.661034      7.194168
828.856415   84.234587     1297.171
 1.00000      5.719763    825.344112      7.194168
823.524046   87.087401     1431.790

 COMB DL-G2-3  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -21.049524  -192.697597     -5.186425
-953.245612   -95.761822    -5668.877
 0.25000    -21.492083  -183.258733     -5.186425
-958.931698   -97.686992    -6248.024
 0.50000    -21.909469  -174.564149     -5.186425
-984.138906  -101.254675    -6898.812
 0.75000    -22.295054  -168.298363     -5.186425
-1011.283  -105.555576    -7625.358
 1.00000    -22.677972  -167.627226     -5.186425
-1039.920  -110.304443    -8413.027

 COMB      DB  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      3.548181    699.291005      6.425980
729.855302   80.780908     1315.351
 0.25000      3.548181    721.552057      6.425980
729.855302   78.985030     949.021913
 0.50000      3.548181    744.029057      6.425980
729.855302   77.995583     903.337569
 0.75000      3.548181    766.459703      6.425980
729.855302   77.349887     1022.264
 1.00000      3.548181    788.816393      6.425980
729.855302   77.341344     1141.191

 COMB      DB  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -21.303877  -110.401277     -6.475341
-756.649369   -58.163805    -3753.348
 0.25000    -21.534245    -96.110725     -6.475341
-756.649369    -58.702914    -3915.583
 0.50000    -21.677866    -96.110725     -6.475341
-756.649369    -59.777874    -4078.016
 0.75000    -21.716193    -96.110725     -6.475341
-777.949863   -61.097072    -4241.116
 1.00000    -21.716193    -96.110725     -6.475341
-809.223414   -62.546815    -4404.810
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 COMB      DL  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      5.761140    928.211298      7.194168
955.426094  110.188281     1554.129
 0.25000      5.747063    955.633711      7.194168
950.905637  111.331615     1398.336
 0.50000      5.737867    983.831321      7.194168
946.385180  113.555618     1328.536
 0.75000      5.730148    1012.603        7.194168
942.282821  117.119750     1345.103
 1.00000      5.719763    1041.748        7.194168
939.995299  121.728346     1482.616

 COMB      DL  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -25.413433  -192.697597     -7.039191
-953.245612   -95.761822    -6604.808
 0.25000    -26.011688  -183.258733     -7.039191
-958.931698   -97.686992    -7366.510
 0.50000    -26.579001  -174.564149     -7.039191
-984.138906  -101.254675    -8214.597
 0.75000    -27.146315  -168.298363     -7.039191
-1011.283  -105.555576    -9156.776
 1.00000    -27.713034  -167.627226     -7.039191
-1039.920  -110.304443   -10173.633

 COMB      CAR  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      5.761140    928.211298      7.194168
955.426094  110.188281     1554.129
 0.25000      5.747063    955.633711      7.194168
950.905637  111.331615     1398.336
 0.50000      5.737867    983.831321      7.194168
946.385180  113.555618     1328.536
 0.75000      5.730148    1012.603        7.194168
942.282821  117.119750     1345.103
 1.00000      5.719763    1041.748        7.194168
939.995299  121.728346     1482.616

 COMB      CAR  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -25.413433  -192.697597     -7.039191
-953.245612   -95.761822    -6604.808
 0.25000    -26.011688  -183.258733     -7.039191
-958.931698   -97.686992    -7366.510
 0.50000    -26.579001  -174.564149     -7.039191
-984.138906  -101.254675    -8214.597
 0.75000    -27.146315  -168.298363     -7.039191
-1011.283  -105.555576    -9156.776
 1.00000    -27.713034  -167.627226     -7.039191
-1039.920  -110.304443   -10173.633

 COMB  DESIGN  ------------------- MAX

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000      5.761140    928.211298      7.194168
955.426094  110.188281     1554.129
 0.25000      5.747063    955.633711      7.194168
950.905637  111.331615     1398.336
 0.50000      5.737867    983.831321      7.194168
946.385180  113.555618     1328.536
 0.75000      5.730148    1012.603        7.194168
942.282821  117.119750     1345.103
 1.00000      5.719763    1041.748        7.194168
939.995299  121.728346     1482.616

 COMB  DESIGN  ------------------- MIN

 REL DIST              P              V2              V3
     T          M2             M3
 0.00000    -25.413433  -192.697597     -7.039191
-953.245612   -95.761822    -6604.808
 0.25000    -26.011688  -183.258733     -7.039191
-958.931698   -97.686992    -7366.510
 0.50000    -26.579001  -174.564149     -7.039191
-984.138906  -101.254675    -8214.597
 0.75000    -27.146315  -168.298363     -7.039191
-1011.283  -105.555576    -9156.776
 1.00000    -27.713034  -167.627226     -7.039191
-1039.920  -110.304443   -10173.633
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 4.967656

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 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    11.956018    13.091969     4.754478
242.594853    46.359963   485.467933
  0.25000    11.222273    13.110828     4.754478
242.594853    43.247750   469.583641
  0.50000    10.528608    13.568865     4.754478
242.594853    40.616980   453.699750
  0.75000     9.880513    21.303991     4.754478
242.594853    38.385982   437.815889
  1.00000     9.279896    32.484236     4.754478
242.594853    36.502333   567.856252

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.451188  -492.304651    -1.629476
-406.629711    -6.769268   -2386.342
  0.25000    -0.451414  -475.637486    -1.629476
-406.629711    -6.672652   -2037.885
  0.50000    -0.728911  -458.461360    -1.629476
-406.629711    -6.583484   -1770.244
  0.75000    -1.064522  -441.185730    -1.629476
-406.629711    -6.503292   -1655.681
  1.00000    -1.593168  -424.088477    -1.629476
-406.629711    -6.424195   -1541.293

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    19.324899    21.925170     6.110624
450.081506    79.126487   886.088455
  0.25000    18.372257    21.925170     6.110624
450.081506    74.914114   860.061767
  0.50000    17.481059    27.435198     6.110624
450.081506    71.258803   834.035093
  0.75000    16.648248    38.176406     6.110624
450.081506    68.142597   808.008420
  1.00000    15.875569    56.607389     6.110624
450.081506    65.464059   966.350510

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.743815  -773.722354    -2.062805
-588.496883   -22.941988   -3934.700
  0.25000    -0.743815  -751.005077    -2.062805
-588.496883   -22.850336   -3363.904
  0.50000    -1.186288  -728.169257    -2.062805
-588.496883   -22.759422   -2952.522
  0.75000    -1.626346  -705.206146    -2.062805
-588.496883   -22.668802   -2796.248
  1.00000    -2.361100  -682.437773    -2.062805
-588.496883   -22.578182   -2639.974

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    21.895515    45.871928     6.589300
717.254909    84.749814   1140.940
  0.25000    21.049329    45.871928     6.589300
717.254909    80.990918   1112.210
  0.50000    20.257316    50.555594     6.589300
717.254909    78.193739   1083.517
  0.75000    19.517198    60.066411     6.589300
717.254909    76.179217   1054.851
  1.00000    18.830558    76.269185     6.589300
717.254909    74.991475   1190.176

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -2.781629  -811.803012    -4.889241
-726.964183   -46.670457   -4408.718
  0.25000    -2.781629  -791.670765    -4.889241
-726.964183   -44.799202   -3770.356
  0.50000    -3.171152  -771.409870    -4.889241
-726.964183   -43.260585   -3362.192
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.75000    -3.561849  -751.035827    -4.889241
-726.964183   -41.986920   -3241.794
  1.00000    -4.212412  -730.836348    -4.889241
-726.964183   -40.902079   -3121.961

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     5.198069    49.707080     1.697505
426.206900     6.598350   399.551166
  0.25000     5.187858    49.828543     1.697505
425.123440     6.465855   394.676014
  0.50000     5.178702    49.986181     1.697505
424.156359     6.337871   389.800862
  0.75000     5.170137    50.209528     1.697505
423.211890     6.217552   384.964127
  1.00000     5.162173    50.468873     1.697505
422.326511     6.124764   381.951207

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -3.688927  -111.878296    -4.927688
-251.697185   -45.588932   -838.539835
  0.25000    -3.691913  -111.590533    -4.927688
-252.490155   -42.105712   -718.599353
  0.50000    -3.697005  -111.324038    -4.927688
-253.326656   -39.148066   -709.691014
  0.75000    -3.702335  -111.056187    -4.927688
-254.200943   -36.641845   -752.346945
  1.00000    -3.711756  -110.789448    -4.927688
-255.239905   -36.643097   -796.825390

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    10.830087    61.850509     2.436593
704.075745    29.398209   784.462453
  0.25000    10.829709    61.855023     2.436593
704.035570    28.836526   771.441142
  0.50000    10.829370    61.860876     2.436593
703.999713    28.289876   758.420327
  0.75000    10.829052    61.869151     2.436593
703.964655    28.131974   745.474346
  1.00000    10.828757    61.878762     2.436593
703.931825    30.778888   732.650846

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -4.481390  -303.600372    -5.977886
-455.220823   -65.656251   -2107.032
  0.25000    -4.481501  -303.589708    -5.977886
-455.250224   -61.767753   -1804.754
  0.50000    -4.481690  -303.579835    -5.977886
-455.281237   -58.474541   -1697.278
  0.75000    -4.481887  -303.569911    -5.977886
-455.313650   -55.701631   -1727.287
  1.00000    -4.482236  -303.560028    -5.977886
-455.352174   -54.905212   -1758.863

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    19.257485    65.318073     5.256231
819.512945    59.546856   1102.120
  0.25000    18.655292    67.115633     5.256231
786.879813    56.953968   1078.380
  0.50000    18.103048    74.400212     5.256231
762.232049    54.637669   1054.639
  0.75000    17.586702    84.214773     5.256231
762.232049    52.559300   1030.965
  1.00000    17.107251    98.115896     5.256231
762.232049    53.754556   1118.060

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -4.324114  -656.737979    -6.369240
-615.586536   -67.346680   -3705.550
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.25000    -4.401310  -641.149121    -6.369240
-615.586536   -63.809248   -3171.745
  0.50000    -4.696930  -626.106289    -6.369240
-615.586536   -60.804198   -2882.933
  0.75000    -4.979948  -610.985195    -6.369240
-628.788321   -58.262052   -2833.616
  1.00000    -5.499750  -595.944952    -6.369240
-661.594294   -57.529211   -2785.723

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    17.041634    18.497123     4.982906
316.126646    88.616924   634.205005
  0.25000    16.260670    18.890468     4.982906
316.418843    84.236639   622.875944
  0.50000    15.520748    25.724358     4.982906
316.418843    80.113218   659.896946
  0.75000    14.822627    33.464749     4.982906
316.418843    76.398114   757.181393
  1.00000    14.167504    41.964470     4.982906
316.418843    73.204148   866.874009

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.621435  -660.479088    -1.350017
-577.444926   -9.647909   -5606.106
  0.25000    -0.766772  -635.840623    -1.350017
-574.713358   -9.524408   -4928.210
  0.50000    -1.097653  -611.345718    -1.350017
-571.689645   -9.479537   -4298.713
  0.75000    -1.443640  -587.188481    -1.350017
-568.665932   -9.683381   -3715.627
  1.00000    -1.800250  -563.571103    -1.350017
-565.642219   -10.949463   -3178.812

 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    26.994284    34.020991     6.222347
540.069503   132.580502   1157.420
  0.25000    25.995967    37.793955     6.222347
537.254965   127.421246   1137.319
  0.50000    25.050626    47.477418     6.222347
536.573854   122.468323   1186.781
  0.75000    24.159235    58.396224     6.222347
536.573854   117.767906   1321.489
  1.00000    23.322932    70.366269     6.222347
536.573854   113.599698   1514.539

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -1.028580   -1035.096    -1.857025
-765.436082   -34.311229   -9194.489
  0.25000    -1.267344   -1003.339    -1.857025
-768.059944   -34.005864   -8133.383
  0.50000    -1.701776   -971.834849    -1.857025
-772.817269   -33.702819   -7135.858
  0.75000    -2.156197   -940.821250    -1.857025
-778.255706   -33.474983   -6216.158
  1.00000    -2.625401   -910.544239    -1.857025
-783.694143   -33.629507   -5371.727

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    30.515082    63.874291     6.497201
915.138515   132.076623   1482.569
  0.25000    29.625311    67.122072     6.497201
912.854322   127.473523   1457.947
  0.50000    28.782684    75.719886     6.497201
912.399781   123.218818   1495.539
  0.75000    27.988101    85.416100     6.497201
912.399781   119.418605   1615.226
  1.00000    27.242678    96.046531     6.497201
912.399781   116.520503   1807.631
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -3.527230   -1089.725    -4.845072
-942.043519   -83.512160   -10173.651
  0.25000    -3.738178   -1061.428    -4.845072
-944.280038   -80.735289   -9071.840
  0.50000    -4.125189   -1033.358    -4.845072
-948.346256   -78.227955   -8028.699
  0.75000    -4.529621   -1005.720    -4.845072
-952.867013   -76.067397   -7078.995
  1.00000    -4.947366  -978.729491    -4.845072
-957.387771   -74.602183   -6231.535

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     7.352412    64.791213     1.434132
609.312567     9.008534   519.973638
  0.25000     7.341525    64.921069     1.434132
608.547521     8.832826   513.985795
  0.50000     7.331233    65.069354     1.434132
607.812059     8.659542   511.422224
  0.75000     7.321550    65.234496     1.434132
607.114632     8.519396   515.357152
  1.00000     7.312487    65.414716     1.434132
606.463988     8.911744   530.688039

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -4.714684  -150.343468    -5.140419
-329.405773   -88.024693   -1759.795
  0.25000    -4.719441  -149.985928    -5.140419
-330.012449   -83.517439   -1657.086
  0.50000    -4.724686  -149.633507    -5.140419
-330.681688   -79.178317   -1558.881
  0.75000    -4.730192  -149.288771    -5.140419
-331.407537   -75.055773   -1469.058
  1.00000    -4.735913  -148.954293    -5.140419
-332.182321   -72.348759   -1393.208

 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    15.129171    83.400825     2.014325
939.331577    36.011342   1019.704
  0.25000    15.128918    83.403871     2.014325
939.313467    35.626880   1003.369
  0.50000    15.128678    83.407347     2.014325
939.296054    35.672836   990.859641
  0.75000    15.128453    83.411218     2.014325
939.279539    36.577221   1008.176
  1.00000    15.128242    83.415442     2.014325
939.264125    38.490503   1088.570

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -5.676416  -418.473550    -6.329462
-563.842375  -121.576027   -4683.153
  0.25000    -5.676527  -418.465225    -6.329462
-563.856705  -116.203014   -4296.833
  0.50000    -5.676649  -418.457019    -6.329462
-563.872506  -111.258679   -3917.498
  0.75000    -5.676777  -418.448992    -6.329462
-563.889642  -106.868820   -3571.831
  1.00000    -5.676911  -418.441207    -6.329462
-563.907934  -103.600511   -3264.521

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    26.517764    89.371588     4.919498
1084.186    91.425779   1432.240
  0.25000    25.894967    95.631697     4.919498
1055.579    88.745691   1412.786
  0.50000    25.305671   102.830103     4.919498
1028.126    86.511350   1443.928
  0.75000    24.750597   110.901057     4.919498
1002.315    85.280117   1530.400
  1.00000    24.230471   119.714833     4.919498
994.600174    85.079075   1681.904
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -5.525140  -872.534699    -6.567719
-773.699872  -121.366773   -8411.934
  0.25000    -5.738753  -852.422422    -6.567719
-778.900170  -116.456363   -7572.942
  0.50000    -6.023485  -832.526603    -6.567719
-796.729900  -111.926345   -6775.371
  0.75000    -6.321829  -813.003944    -6.567719
-826.152941  -107.894896   -6042.285
  1.00000    -6.631123  -793.996357    -6.567719
-857.545326  -104.935413   -5377.726

 COMB     DB ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    21.895515    65.318073     6.589300
819.512945    84.749814   1140.940
  0.25000    21.049329    67.115633     6.589300
786.879813    80.990918   1112.210
  0.50000    20.257316    74.400212     6.589300
762.232049    78.193739   1083.517
  0.75000    19.517198    84.214773     6.589300
762.232049    76.179217   1054.851
  1.00000    18.830558    98.115896     6.589300
762.232049    74.991475   1190.176

 COMB     DB ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -4.481390  -811.803012    -6.369240
-726.964183   -67.346680   -4408.718
  0.25000    -4.481501  -791.670765    -6.369240
-726.964183   -63.809248   -3770.356
  0.50000    -4.696930  -771.409870    -6.369240
-726.964183   -60.804198   -3362.192
  0.75000    -4.979948  -751.035827    -6.369240
-726.964183   -58.262052   -3241.794
  1.00000    -5.499750  -730.836348    -6.369240
-726.964183   -57.529211   -3121.961

 COMB     DL ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    30.515082    89.371588     6.497201
1084.186   132.580502   1482.569
  0.25000    29.625311    95.631697     6.497201
1055.579   127.473523   1457.947
  0.50000    28.782684   102.830103     6.497201
1028.126   123.218818   1495.539
  0.75000    27.988101   110.901057     6.497201
1002.315   119.418605   1615.226
  1.00000    27.242678   119.714833     6.497201
994.600174   116.520503   1807.631

 COMB     DL ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -5.676416   -1089.725    -6.567719
-942.043519  -121.576027   -10173.651
  0.25000    -5.738753   -1061.428    -6.567719
-944.280038  -116.456363   -9071.840
  0.50000    -6.023485   -1033.358    -6.567719
-948.346256  -111.926345   -8028.699
  0.75000    -6.321829   -1005.720    -6.567719
-952.867013  -107.894896   -7078.995
  1.00000    -6.631123  -978.729491    -6.567719
-957.387771  -104.935413   -6231.535

 COMB     CAR ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    30.515082    89.371588     6.589300
1084.186   132.580502   1482.569
  0.25000    29.625311    95.631697     6.589300
1055.579   127.473523   1457.947
  0.50000    28.782684   102.830103     6.589300
1028.126   123.218818   1495.539
  0.75000    27.988101   110.901057     6.589300
1002.315   119.418605   1615.226
  1.00000    27.242678   119.714833     6.589300
994.600174   116.520503   1807.631
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 COMB     CAR ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -5.676416   -1089.725    -6.567719
-942.043519  -121.576027   -10173.651
  0.25000    -5.738753   -1061.428    -6.567719
-944.280038  -116.456363   -9071.840
  0.50000    -6.023485   -1033.358    -6.567719
-948.346256  -111.926345   -8028.699
  0.75000    -6.321829   -1005.720    -6.567719
-952.867013  -107.894896   -7078.995
  1.00000    -6.631123  -978.729491    -6.567719
-957.387771  -104.935413   -6231.535

 COMB   DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    30.515082    89.371588     6.589300
1084.186   132.580502   1482.569
  0.25000    29.625311    95.631697     6.589300
1055.579   127.473523   1457.947
  0.50000    28.782684   102.830103     6.589300
1028.126   123.218818   1495.539
  0.75000    27.988101   110.901057     6.589300
1002.315   119.418605   1615.226
  1.00000    27.242678   119.714833     6.589300
994.600174   116.520503   1807.631

 COMB   DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -5.676416   -1089.725    -6.567719
-942.043519  -121.576027   -10173.651
  0.25000    -5.738753   -1061.428    -6.567719
-944.280038  -116.456363   -9071.840
  0.50000    -6.023485   -1033.358    -6.567719
-948.346256  -111.926345   -8028.699
  0.75000    -6.321829   -1005.720    -6.567719
-952.867013  -107.894896   -7078.995
  1.00000    -6.631123  -978.729491    -6.567719
-957.387771  -104.935413   -6231.535

 ELEM       24 ========== LENGTH =
4.967007

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     9.817010    28.213671     6.391746
140.580891    37.878344   567.531307
  0.25000     9.268164    41.570052     6.391746
140.580891    35.263595   814.447709
  0.50000     8.744904    55.930978     6.391746
140.580891    32.674937   1049.830
  0.75000     8.253101    71.340820     6.391746
140.580891    30.091141   1269.478
  1.00000     7.794680    88.310018     6.391746
140.580891    27.556023   1474.085

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -1.386950   -431.561693    -0.266202
-441.838792    -6.735095   -1540.727
  0.25000    -1.957093   -414.035917    -0.266202
-441.838792    -8.878661   -1458.442
  0.50000    -2.511423   -396.309563    -0.266202
-441.838792   -12.345504   -1376.438
  0.75000    -3.067046   -378.774649    -0.266202
-441.838792   -16.776952   -1294.561
  1.00000    -3.656517   -361.691876    -0.266202
-441.838792   -22.236786   -1212.691

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    16.541051    47.040931     8.286191
326.169867    69.045764   965.933917
  0.25000    15.817529    64.961646     8.286191
326.169867    65.363376   1311.795
  0.50000    15.136641    84.188000     8.286191
326.169867    61.713724   1683.022
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F O R C E S

 REL_DIST            P            V2            V3
        T           M2           M3
  0.75000    14.495540   105.009914     8.286191
326.169867    58.143894   2073.255
  1.00000    13.896004   128.058076     8.286191
326.169867    54.608382   2468.051

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -1.912784   -688.146403    -0.551472
-620.835458   -22.947370   -2639.459
  0.25000    -2.648282   -664.481342    -0.551472
-620.835458   -22.330638   -2521.129
  0.50000    -3.363535   -641.054893    -0.551472
-620.835458   -24.689771   -2403.263
  0.75000    -4.078799   -617.857482    -0.551472
-620.835458   -29.524437   -2285.397
  1.00000    -4.851182   -595.189005    -0.551472
-620.835458   -35.546234   -2167.531
```

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.437676	54.628080	7.720153
628.165888	79.394422	1189.832	
0.25000	18.795477	70.521194	7.720153
628.165888	76.505691	1496.101	
0.50000	18.190743	87.574011	7.720153
628.165888	74.179743	1830.706	
0.75000	17.621395	106.034035	7.720153
628.165888	72.360536	2217.994	
1.00000	17.089043	126.462815	7.720153
628.165888	71.497119	2695.922	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.402183	-736.597851	-4.439435
-685.842231	-42.682184	-3121.874	
0.25000	-4.055700	-715.616542	-4.439435
-685.842231	-40.489672	-3019.443	
0.50000	-4.691216	-694.825684	-4.439435
-685.842231	-41.123299	-2917.494	
0.75000	-5.326812	-674.239115	-4.439435
-685.842231	-43.834950	-2815.846	
1.00000	-6.012581	-654.124877	-4.439435
-685.842231	-47.590368	-2714.312	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.379861	24.991544	0.275144
461.496347	6.298449	381.990103	
0.25000	5.371655	25.206822	0.275144
460.462202	6.246919	378.181917	
0.50000	5.364303	25.436613	0.275144
459.590860	9.991846	374.118151	
0.75000	5.357331	25.692979	0.275144
458.744235	14.940573	369.762408	
1.00000	5.350748	25.981778	0.275144
457.920475	20.749529	482.552872	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.952162	-120.909762	-6.621138
-147.419402	-39.569348	-797.328668	
0.25000	-2.959825	-120.618089	-6.621138
-148.242297	-36.972398	-814.249894	
0.50000	-2.967303	-120.350361	-6.621138
-149.109484	-34.410886	-831.704671	
0.75000	-2.974711	-120.084221	-6.621138
-150.018611	-31.913036	-849.756286	
1.00000	-2.983278	-119.821951	-6.621138
-151.062175	-29.452860	-868.283009	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.824532	36.000112	0.914762
738.408310	33.673264	732.702559	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	10.824228	36.008088	0.914762
738.369960	35.762808	758.092248	
0.50000	10.823956	36.016603	0.914762
738.337607	38.887414	826.369746	
0.75000	10.823698	36.026102	0.914762
738.306212	43.396065	951.061389	
1.00000	10.823454	36.036804	0.914762
738.275663	48.963564	1252.266	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.609445	-301.587007	-7.995651
-322.460404	-58.354068	-1759.607	
0.25000	-3.609729	-301.576199	-7.995651
-322.490917	-55.010163	-1758.548	
0.50000	-3.610006	-301.566281	-7.995651
-322.523071	-51.716236	-1758.558	
0.75000	-3.610280	-301.556420	-7.995651
-322.556781	-48.420332	-1758.785	
1.00000	-3.610598	-301.546704	-7.995651
-322.595480	-45.183548	-1759.600	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.826142	59.287459	4.929980
775.790197	58.431308	1117.850	
0.25000	17.356194	71.275826	4.929980
747.603837	58.761669	1331.243	
0.50000	16.924355	84.090101	4.929980
739.551331	60.110961	1574.615	
0.75000	16.516301	98.179860	4.929980
739.551331	62.718532	1856.167	
1.00000	16.133021	113.910634	4.929980
739.551331	66.322598	2282.116	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.242688	-612.415024	-7.360104
-511.339681	-60.811636	-2786.127	
0.25000	-4.701365	-596.392100	-7.360104
-511.339681	-57.574961	-2728.387	
0.50000	-5.148226	-581.123239	-7.360104
-534.935338	-54.360126	-2671.639	
0.75000	-5.593107	-565.971275	-7.360104
-565.462362	-52.529831	-2615.086	
1.00000	-6.089416	-551.106877	-7.360104
-601.187765	-52.355954	-2559.070	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.618241	35.875483	8.518581
182.152662	77.093175	866.578094	
0.25000	13.005643	44.417427	8.518581
182.152662	69.404941	995.871927	
0.50000	12.420687	53.934820	8.518581
182.152662	62.227867	1138.245	
0.75000	11.865590	64.287872	8.518581
182.152662	55.652242	1294.290	
1.00000	11.341525	75.297944	8.518581
182.152662	49.701451	1466.652	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.514143	-532.450936	-0.367250
-606.684229	-12.038820	-3179.625	
0.25000	-1.842097	-509.401343	-0.367250
-603.660350	-13.408954	-2744.974	
0.50000	-2.186833	-486.664572	-0.367250
-600.637048	-15.695929	-2357.300	
0.75000	-2.544365	-464.424663	-0.367250
-597.613746	-19.088000	-2017.525	
1.00000	-2.911008	-442.864670	-0.367250
-594.590629	-23.494767	-1729.386	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.250022	61.319397	10.596641
378.604048	117.923239	1514.230	
0.25000	21.457995	72.913019	10.596641
378.604048	108.324909	1691.704	
0.50000	20.701815	85.825784	10.596641
378.604048	99.344302	1917.196	
0.75000	19.983707	99.887290	10.596641
378.604048	91.091449	2201.107	
1.00000	19.306189	114.880271	10.596641
378.604048	83.526471	2535.992	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.130587	-853.673659	-0.858447
-804.988715	-35.159268	-5372.579	
0.25000	-2.556439	-823.897073	-0.858447
-810.426412	-36.042055	-4663.471	
0.50000	-3.004390	-794.557717	-0.858447
-815.864110	-37.957795	-4034.788	
0.75000	-3.470934	-765.888822	-0.858447
-821.301807	-41.117151	-3489.396	
1.00000	-3.950399	-738.130516	-0.858447
-826.739505	-45.388867	-3036.117	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.217896	71.902982	9.827286
784.812502	121.294823	1807.529	
0.25000	25.512304	82.212957	9.827286
784.812502	113.351408	1986.766	
0.50000	24.838650	93.696225	9.827286
784.812502	106.419741	2231.333	
0.75000	24.198773	106.200469	9.827286
784.812502	100.774067	2567.890	
1.00000	23.595160	119.531759	9.827286
784.812502	96.279292	2992.325	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.997582	-924.749020	-5.928753
-888.069193	-78.956315	-6232.151	
0.25000	-4.376924	-898.219311	-5.928753
-892.589336	-75.411409	-5491.501	
0.50000	-4.775922	-872.078099	-5.928753
-897.109479	-73.076172	-4843.809	
0.75000	-5.191438	-846.533176	-5.928753
-901.629622	-72.176455	-4295.523	
1.00000	-5.618412	-821.799343	-5.928753
-906.149765	-72.574774	-3856.155	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.577385	33.119684	0.365013
642.652553	9.326385	531.008894	
0.25000	7.568339	33.276186	0.365013
641.954032	10.670753	556.591941	
0.50000	7.559705	33.450516	0.365013
641.282092	13.104906	603.502604	
0.75000	7.551509	33.641159	0.365013
640.645230	16.728947	679.257036	
1.00000	7.543777	33.846084	0.365013
640.052315	21.425896	808.682494	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.753780	-160.863800	-8.764274
-191.964390	-77.146188	-1392.529	
0.25000	-3.758707	-160.525115	-8.764274
-192.604488	-69.250009	-1280.235	
0.50000	-3.763946	-160.192633	-8.764274
-193.307944	-61.951156	-1193.108	
0.75000	-3.769452	-159.868935	-8.764274
-194.067780	-55.336259	-1136.324	
1.00000	-3.775175	-159.556538	-8.764274
-194.876788	-49.374517	-1111.836	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.719639	50.537691	0.962071
964.952636	39.901556	1088.949	
0.25000	14.719428	50.541351	0.962071
964.936070	41.028992	1134.780	
0.50000	14.719227	50.545429	0.962071
964.920129	43.221300	1242.821	
0.75000	14.719036	50.549887	0.962071
964.905015	46.694581	1438.273	
1.00000	14.718856	50.554681	0.962071
964.890934	51.325676	1733.603	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.561240	-400.516704	-10.627802
-395.043447	-109.742354	-3263.637	
0.25000	-4.561355	-400.508811	-10.627802
-395.058549	-100.306936	-2932.924	
0.50000	-4.561477	-400.501067	-10.627802
-395.075139	-91.498744	-2657.552	
0.75000	-4.561605	-400.493528	-10.627802
-395.093069	-83.409356	-2445.721	
1.00000	-4.561739	-400.486254	-10.627802
-395.112161	-76.060354	-2304.281	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.844191	76.978611	6.044596
1017.060	87.650416	1682.108	
0.25000	23.338958	85.039940	6.044596
992.474420	84.134191	1822.831	
0.50000	22.856604	94.003358	6.044596
968.999853	81.738135	2028.610	
0.75000	22.398675	103.790014	6.044596
952.400965	80.837422	2322.692	
1.00000	21.966744	114.265038	6.044596
951.708317	81.480327	2717.597	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.194235	-769.760035	-9.818909
-644.068606	-111.045588	-5377.351	
0.25000	-5.467691	-750.802268	-9.818909
-668.346330	-102.453790	-4755.730	
0.50000	-5.756905	-732.159080	-9.818909
-697.474720	-95.258017	-4219.761	
0.75000	-6.059125	-713.974867	-9.818909
-728.885218	-89.204976	-3777.660	
1.00000	-6.371671	-696.395202	-9.818909
-762.017547	-84.416478	-3439.083	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.437676	59.287459	8.286191
775.790197	79.394422	1189.832	
0.25000	18.795477	71.275826	8.286191
747.603837	76.505691	1496.101	
0.50000	18.190743	87.574011	8.286191
739.551331	74.179743	1830.706	
0.75000	17.621395	106.034035	8.286191
739.551331	72.360536	2217.994	
1.00000	17.089043	128.058076	8.286191
739.551331	71.497119	2695.922	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.242688	-736.597851	-7.995651
-685.842231	-60.811636	-3121.874	
0.25000	-4.701365	-715.616542	-7.995651
-685.842231	-57.574961	-3019.443	
0.50000	-5.148226	-694.825684	-7.995651
-685.842231	-54.360126	-2917.494	
0.75000	-5.593107	-674.239115	-7.995651
-685.842231	-52.529831	-2815.846	
1.00000	-6.089416	-654.124877	-7.995651
-685.842231	-52.355954	-2714.312	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.217896	76.978611	10.596641
1017.060	121.294823	1807.529	
0.25000	25.512304	85.039940	10.596641
992.474420	113.351408	1986.766	
0.50000	24.838650	94.003358	10.596641
968.999853	106.419741	2231.333	
0.75000	24.198773	106.200469	10.596641
964.905015	100.774067	2567.890	
1.00000	23.595160	119.531759	10.596641
964.890934	96.279292	2992.325	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.194235	-924.749020	-10.627802
-888.069193	-111.045588	-6232.151	
0.25000	-5.467691	-898.219311	-10.627802
-892.589336	-102.453790	-5491.501	
0.50000	-5.756905	-872.078099	-10.627802
-897.109479	-95.258017	-4843.809	
0.75000	-6.059125	-846.533176	-10.627802
-901.629622	-89.204976	-4295.523	
1.00000	-6.371671	-821.799343	-10.627802
-906.149765	-84.416478	-3856.155	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.217896	76.978611	10.596641
1017.060	121.294823	1807.529	
0.25000	25.512304	85.039940	10.596641
992.474420	113.351408	1986.766	
0.50000	24.838650	94.003358	10.596641
968.999853	106.419741	2231.333	
0.75000	24.198773	106.200469	10.596641
964.905015	100.774067	2567.890	
1.00000	23.595160	128.058076	10.596641
964.890934	96.279292	2992.325	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.194235	-924.749020	-10.627802
-888.069193	-111.045588	-6232.151	
0.25000	-5.467691	-898.219311	-10.627802
-892.589336	-102.453790	-5491.501	
0.50000	-5.756905	-872.078099	-10.627802
-897.109479	-95.258017	-4843.809	
0.75000	-6.059125	-846.533176	-10.627802
-901.629622	-89.204976	-4295.523	
1.00000	-6.371671	-821.799343	-10.627802
-906.149765	-84.416478	-3856.155	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.217896	76.978611	10.596641
1017.060	121.294823	1807.529	
0.25000	25.512304	85.039940	10.596641
992.474420	113.351408	1986.766	
0.50000	24.838650	94.003358	10.596641
968.999853	106.419741	2231.333	
0.75000	24.198773	106.200469	10.596641
964.905015	100.774067	2567.890	
1.00000	23.595160	128.058076	10.596641
964.890934	96.279292	2992.325	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.194235	-924.749020	-10.627802
-888.069193	-111.045588	-6232.151	
0.25000	-5.467691	-898.219311	-10.627802
-892.589336	-102.453790	-5491.501	
0.50000	-5.756905	-872.078099	-10.627802
-897.109479	-95.258017	-4843.809	
0.75000	-6.059125	-846.533176	-10.627802
-901.629622	-89.204976	-4295.523	
1.00000	-6.371671	-821.799343	-10.627802
-906.149765	-84.416478	-3856.155	

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FRAME ELEMENT INTERNAL FORCES

ELEM 25 ========== LENGTH = 4.967404

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.669412	67.301879	6.210453
59.169472	30.534592	1473.126	
0.25000	8.224590	82.383311	6.210453
59.169472	27.397893	1691.492	
0.50000	7.789116	98.571123	6.210453
59.169472	24.265082	1892.307	
0.75000	7.370969	115.639184	6.210453
59.169472	21.136449	2074.377	
1.00000	6.973377	133.179732	6.210453
59.169472	18.017114	2237.781	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.878043	-386.332304	-0.398998
-426.052221	-25.182944	-1212.340	
0.25000	-3.349836	-368.364901	-0.398998
-426.052221	-27.469987	-1155.277	
0.50000	-3.820760	-350.284864	-0.398998
-426.052221	-30.446908	-1098.408	
0.75000	-4.289222	-332.520956	-0.398998
-426.052221	-34.396185	-1041.789	
1.00000	-4.749033	-315.332973	-0.398998
-426.052221	-39.413088	-985.172426	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.894118	101.187844	8.006310
226.457707	56.946433	2467.258	
0.25000	14.292828	121.328146	8.006310
226.457707	52.684641	2788.621	
0.50000	13.714789	142.872254	8.006310
226.457707	48.440452	3118.202	
0.75000	13.159159	165.556633	8.006310
226.457707	44.212318	3457.259	
1.00000	12.629445	189.342505	8.006310
226.457707	39.996553	3794.166	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.686599	-619.886019	-0.720860
-604.937354	-40.706808	-2167.247	
0.25000	-4.302391	-595.569979	-0.720860
-604.937354	-42.679371	-2078.887	
0.50000	-4.916846	-571.629502	-0.720860
-604.937354	-45.640953	-1990.832	
0.75000	-5.528498	-548.108897	-0.720860
-604.937354	-49.728065	-1902.998	
1.00000	-6.145079	-525.311569	-0.720860
-604.937354	-55.057294	-1815.165	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.693518	97.604472	7.793924
527.787408	76.093410	2695.892	
0.25000	17.160445	115.470031	7.793924
527.787408	72.542803	3064.358	
0.50000	16.647546	134.583929	7.793924
527.787408	69.416005	3458.088	
0.75000	16.154555	154.710785	7.793924
527.787408	66.952958	3876.568	
1.00000	15.684617	175.795027	7.793924
527.787408	65.505381	4302.602	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.600351	-667.476006	-4.501515
-615.734485	-53.735652	-2714.316	
0.25000	-5.147247	-645.919807	-4.501515
-615.734485	-53.586094	-2626.061	
0.50000	-5.692898	-624.674730	-4.501515
-615.734485	-54.320104	-2538.084	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-6.236110	-603.802200	-4.501515
-615.734485	-56.074867	-2450.307	
1.00000	-6.782895	-583.573175	-4.501515
-615.734485	-58.926139	-2362.560	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.151443	7.621302	0.317867
444.097439	23.805550	483.719931	
0.25000	5.144021	7.859431	0.317867
443.077598	26.203267	581.948164	
0.50000	5.137314	8.111815	0.317867
442.236770	29.509352	690.739202	
0.75000	5.130840	8.376197	0.317867
441.424437	33.840158	807.822704	
1.00000	5.124626	8.672760	0.317867
440.652119	39.045502	931.571139	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.301774	-116.569155	-6.406507
-63.366679	-32.093931	-868.617967	
0.25000	-2.308497	-116.267893	-6.406507
-64.179909	-28.901713	-864.821730	
0.50000	-2.315201	-115.992427	-6.406507
-65.031374	-25.742404	-861.452458	
0.75000	-2.321892	-115.721742	-6.406507
-65.915556	-22.589735	-858.182673	
1.00000	-2.329307	-115.458413	-6.406507
-66.934717	-19.441511	-854.912887	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.234135	24.519286	1.185166
710.523838	51.996831	1253.825	
0.25000	10.233860	24.528109	1.185166
710.485985	53.542788	1422.939	
0.50000	10.233611	24.537460	1.185166
710.454790	56.179369	1642.118	
0.75000	10.233371	24.547256	1.185166
710.424664	60.145084	1910.284	
1.00000	10.233141	24.558245	1.185166
710.396020	65.289397	2210.235	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.825866	-281.106928	-7.835533
-223.150966	-48.274049	-1760.118	
0.25000	-2.826115	-281.095765	-7.835533
-223.181125	-44.151643	-1734.868	
0.50000	-2.826363	-281.085559	-7.835533
-223.212701	-40.029611	-1710.070	
0.75000	-2.826611	-281.075530	-7.835533
-223.245489	-35.907713	-1685.276	
1.00000	-2.826886	-281.065774	-7.835533
-223.283287	-31.786036	-1660.482	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.531820	75.864604	5.016291
731.014785	70.474065	2283.152	
0.25000	16.124457	89.215556	5.016291
708.865581	69.944442	2606.874	
0.50000	15.744846	103.432382	5.016291
686.390888	70.391921	2961.840	
0.75000	15.379166	118.361763	5.016291
672.036975	72.050047	3346.178	
1.00000	15.029445	134.559126	5.016291
672.036975	74.817047	3743.413	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.493617	-562.259573	-7.260136
-411.771050	-59.616506	-2559.387	

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-4.886277	-545.754130	-7.260136
-425.303422	-56.836550	-2495.111	
0.50000	-5.277960	-530.097176	-7.260136
-455.352235	-54.744984	-2431.433	
0.75000	-5.668352	-514.711747	-7.260136
-488.310625	-53.145197	-2367.815	
1.00000	-6.080576	-499.774884	-7.260136
-532.172401	-51.809863	-2304.196	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.250064	59.136503	8.596156
76.255977	53.072244	1465.737	
0.25000	10.736494	69.564515	8.596156
76.255977	45.992580	1681.664	
0.50000	10.238885	80.972782	8.596156
76.255977	39.501868	1917.016	
0.75000	9.760623	93.191125	8.596156
76.255977	33.565011	2161.128	
1.00000	9.304854	106.021682	8.596156
76.255977	28.091361	2381.926	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.288136	-436.298154	-0.598745
-558.892355	-26.450091	-1729.998	
0.25000	-2.609875	-414.596292	-0.598745
-555.870239	-28.424405	-1535.655	
0.50000	-2.949860	-393.246774	-0.598745
-552.846680	-31.396994	-1399.300	
0.75000	-3.304809	-372.462117	-0.598745
-549.823120	-35.455290	-1317.065	
1.00000	-3.670916	-352.461802	-0.598745
-546.800700	-40.438346	-1246.014	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.709065	94.548990	10.754874
251.223261	86.911098	2535.120	
0.25000	18.034273	108.502083	10.754874
251.223261	77.968024	2881.245	
0.50000	17.381331	123.761215	10.754874
251.223261	69.710024	3288.328	
0.75000	16.754530	140.114642	10.754874
251.223261	62.097961	3733.853	
1.00000	16.157593	157.310651	10.754874
251.223261	55.023823	4152.945	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.044655	-709.807704	-1.237026
-759.028300	-50.417549	-3036.884	
0.25000	-3.463135	-681.584357	-1.237026
-764.466460	-51.822241	-2729.204	
0.50000	-3.906487	-653.869649	-1.237026
-769.904621	-54.345778	-2525.361	
0.75000	-4.370496	-626.938399	-1.237026
-775.342781	-58.091757	-2403.018	
1.00000	-4.850182	-601.060078	-1.237026
-780.780941	-62.851908	-2292.842	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.579636	94.798480	10.219014
633.528852	101.525773	2992.511	
0.25000	21.978781	107.214142	10.219014
633.528852	94.316095	3420.049	
0.50000	21.397432	120.791290	10.219014
633.528852	88.425141	3923.946	
0.75000	20.839293	135.341668	10.219014
633.528852	83.605967	4467.370	
1.00000	20.307730	150.640894	10.219014
633.528852	79.799067	4989.774	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.345665	-783.889241	-6.376850
-773.987644	-79.447589	-3857.048	
0.25000	-4.718405	-758.748753	-6.376850
-778.508172	-76.508946	-3552.136	
0.50000	-5.113308	-734.061521	-6.376850
-783.028700	-74.914655	-3356.615	
0.75000	-5.526533	-710.069702	-6.376850
-787.549228	-74.723548	-3214.284	
1.00000	-5.953659	-687.014628	-6.376850
-792.069756	-75.702588	-3089.380	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.215370	12.668338	0.546972
592.960196	24.065497	810.258267	
0.25000	7.207183	12.848152	0.546972
592.262029	26.187376	947.880329	
0.50000	7.199300	13.044975	0.546972
591.600570	29.382189	1098.123	
0.75000	7.191766	13.256389	0.546972
590.985911	33.722874	1250.751	
1.00000	7.184622	13.479759	0.546972
590.427116	39.024831	1404.579	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.911335	-154.528093	-8.858831
-81.882025	-52.964792	-1111.861	
0.25000	-2.916225	-154.198243	-8.858831
-82.551672	-45.758951	-1090.014	
0.50000	-2.921455	-153.876588	-8.858831
-83.275583	-39.189427	-1086.128	
0.75000	-2.926979	-153.566538	-8.858831
-84.044407	-33.214433	-1082.881	
1.00000	-2.932739	-153.270705	-8.858831
-84.848425	-27.728816	-1079.687	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.532853	34.229618	1.382803
892.155644	54.731184	1735.580	
0.25000	13.532662	34.233818	1.382803
892.139065	56.404403	1986.166	
0.50000	13.532478	34.238417	1.382803
892.123355	59.234075	2294.770	
0.75000	13.532302	34.243356	1.382803
892.108749	63.334257	2636.627	
1.00000	13.532135	34.248576	1.382803
892.095457	68.501702	2986.182	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.583261	-363.056885	-10.880838
-262.644531	-80.788602	-2304.341	
0.25000	-3.583375	-363.049195	-10.880838
-262.660338	-71.756304	-2201.556	
0.50000	-3.583497	-363.041701	-10.880838
-262.677423	-63.437323	-2157.119	
0.75000	-3.583626	-363.034476	-10.880838
-262.695568	-55.780610	-2126.889	
1.00000	-3.583760	-363.027584	-10.880838
-262.714547	-48.676978	-2096.673	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.130923	78.519218	6.455840
904.619185	85.683478	2718.892	
0.25000	20.687481	87.973042	6.455840
881.006585	83.008329	3114.962	
0.50000	20.259404	98.319387	6.455840
858.732677	81.728626	3578.526	
0.75000	19.849349	109.418251	6.455840
838.397260	81.938061	4076.789	
1.00000	19.459774	121.117409	6.455840
835.898541	83.382255	4560.164	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.801061	-669.226753	-10.171037
-519.605920	-92.513019	-3439.500	
0.25000	-5.071016	-651.014733	-10.171037
-546.847629	-85.095611	-3202.650	
0.50000	-5.358443	-633.205963	-10.171037
-576.451007	-78.827973	-3065.054	
0.75000	-5.660469	-615.963920	-10.171037
-607.866354	-73.718152	-2981.118	
1.00000	-5.974100	-599.448477	-10.171037
-640.284993	-69.524812	-2902.406	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.693518	101.187844	8.006310
731.014785	76.093410	2695.892	
0.25000	17.160445	121.328146	8.006310
710.485985	72.542803	3064.358	
0.50000	16.647546	142.872254	8.006310
710.454790	70.391921	3458.088	
0.75000	16.154555	165.556633	8.006310
710.424664	72.050047	3876.568	
1.00000	15.684617	189.342505	8.006310
710.396020	74.817047	4302.602	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.600351	-667.476006	-7.835533
-615.734485	-59.616506	-2714.316	
0.25000	-5.147247	-645.919807	-7.835533
-615.734485	-56.836550	-2626.061	
0.50000	-5.692898	-624.674730	-7.835533
-615.734485	-54.744984	-2538.084	
0.75000	-6.236110	-603.802200	-7.835533
-615.734485	-56.074867	-2450.307	
1.00000	-6.782895	-583.573175	-7.835533
-615.734485	-58.926139	-2362.560	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.579636	94.798480	10.754874
904.619185	101.525773	2992.511	
0.25000	21.978781	108.502083	10.754874
892.139065	94.316095	3420.049	
0.50000	21.397432	123.761215	10.754874
892.123355	88.425141	3923.946	
0.75000	20.839293	140.114642	10.754874
892.108749	83.605967	4467.370	
1.00000	20.307730	157.310651	10.754874
892.095457	83.382255	4989.774	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.801061	-783.889241	-10.880838
-773.987644	-92.513019	-3857.048	
0.25000	-5.071016	-758.748753	-10.880838
-778.508172	-85.095611	-3552.136	
0.50000	-5.358443	-734.061521	-10.880838
-783.028700	-78.827973	-3356.615	
0.75000	-5.660469	-710.069702	-10.880838
-787.549228	-74.723548	-3214.284	
1.00000	-5.974100	-687.014628	-10.880838
-792.069756	-75.702588	-3089.380	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.579636	101.187844	10.754874
904.619185	101.525773	2992.511	
0.25000	21.978781	121.328146	10.754874
892.139065	94.316095	3420.049	
0.50000	21.397432	142.872254	10.754874
892.123355	88.425141	3923.946	
0.75000	20.839293	165.556633	10.754874
892.108749	83.605967	4467.370	
1.00000	20.307730	189.342505	10.754874
892.095457	83.382255	4989.774	

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.801061	-783.889241	-10.880838
-773.987644	-92.513019	-3857.048	
0.25000	-5.147247	-758.748753	-10.880838
-778.508172	-85.095611	-3552.136	
0.50000	-5.692898	-734.061521	-10.880838
-783.028700	-78.827973	-3356.615	
0.75000	-6.236110	-710.069702	-10.880838
-787.549228	-74.723548	-3214.284	
1.00000	-6.782895	-687.014628	-10.880838
-792.069756	-75.702588	-3089.380	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.579636	101.187844	10.754874
904.619185	101.525773	2992.511	
0.25000	21.978781	121.328146	10.754874
892.139065	94.316095	3420.049	
0.50000	21.397432	142.872254	10.754874
892.123355	88.425141	3923.946	
0.75000	20.839293	165.556633	10.754874
892.108749	83.605967	4467.370	
1.00000	20.307730	189.342505	10.754874
892.095457	83.382255	4989.774	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.801061	-783.889241	-10.880838
-773.987644	-92.513019	-3857.048	
0.25000	-5.147247	-758.748753	-10.880838
-778.508172	-85.095611	-3552.136	
0.50000	-5.692898	-734.061521	-10.880838
-783.028700	-78.827973	-3356.615	
0.75000	-6.236110	-710.069702	-10.880838
-787.549228	-74.723548	-3214.284	
1.00000	-6.782895	-687.014628	-10.880838
-792.069756	-75.702588	-3089.380	

ELEM 26 ========== LENGTH = 4.966912

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.254080	99.410967	5.068493
11.009825	20.077531	2236.878	
0.25000	7.828481	115.392270	5.068493
11.009825	17.612575	2423.981	
0.50000	7.403516	132.438836	5.068493
11.009825	15.151714	2589.031	
0.75000	6.988487	150.294272	5.068493
11.009825	12.698755	2730.808	
1.00000	6.587759	168.529646	5.068493
11.009825	10.269622	2849.331	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.637585	-350.408019	-1.856998
-380.797028	-43.580320	-985.052146	
0.25000	-4.028870	-331.872437	-1.856998
-380.797028	-44.044344	-943.219736	
0.50000	-4.435926	-313.332518	-1.856998
-380.797028	-45.233892	-901.411088	
0.75000	-4.855200	-295.189565	-1.856998
-380.797028	-47.434996	-859.726266	
1.00000	-5.278750	-277.677229	-1.856998
-380.797028	-50.743912	-818.041444	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.129626	150.583481	6.637043
172.939740	41.814551	3793.363	
0.25000	13.547635	171.891642	6.637043
172.939740	38.385474	4066.572	
0.50000	12.978519	194.529725	6.637043
172.939740	34.956549	4339.845	

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	12.422885	218.198945	6.637043
172.939740	31.529577	4614.383	
1.00000	11.885663	242.843158	6.637043
172.939740	28.105503	4878.482	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.660807	-560.989351	-2.478878
-558.751341	-61.547803	-1815.114	
0.25000	-5.182074	-535.953652	-2.478878
-558.751341	-61.345417	-1744.899	
0.50000	-5.722734	-511.413601	-2.478878
-558.751341	-62.189963	-1674.729	
0.75000	-6.279094	-487.413569	-2.478878
-558.751341	-64.179939	-1604.697	
1.00000	-6.855853	-464.224016	-2.478878
-558.751341	-67.442554	-1534.664	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.592138	143.357280	7.488918
449.910283	70.488890	4302.562	
0.25000	16.076450	162.260213	7.488918
449.910283	66.728461	4618.634	
0.50000	15.571681	182.346739	7.488918
449.910283	63.497479	4948.709	
0.75000	15.078861	203.349994	7.488918
449.910283	60.930070	5293.222	
1.00000	14.602402	225.198544	7.488918
449.910283	59.307844	5638.138	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.182717	-600.625529	-5.395577
-546.326709	-65.815298	-2362.632	
0.25000	-5.645163	-578.429316	-5.395577
-546.326709	-64.152872	-2282.448	
0.50000	-6.124881	-556.651774	-5.395577
-546.326709	-63.451098	-2202.303	
0.75000	-6.618552	-535.352845	-5.395577
-546.326709	-64.448480	-2122.281	
1.00000	-7.129703	-514.774181	-5.395577
-546.326709	-67.019987	-2042.260	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.696467	8.683517	1.834883
394.218506	43.258447	932.667344	
0.25000	4.689020	8.934096	1.834883
393.228670	43.619477	1022.762	
0.50000	4.682214	9.197334	1.834883
392.383713	44.966976	1119.957	
0.75000	4.675573	9.470728	1.834883
391.605272	47.397265	1222.869	
1.00000	4.669137	9.774694	1.834883
390.871266	50.751606	1330.053	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.810409	-103.361717	-5.206582
-11.089395	-21.420948	-855.037583	
0.25000	-1.816523	-103.053502	-5.206582
-11.897436	-18.827295	-837.974743	
0.50000	-1.822812	-102.771500	-5.206582
-12.736048	-16.243995	-820.968797	
0.75000	-1.829261	-102.496202	-5.206582
-13.598500	-13.664874	-803.963391	
1.00000	-1.836547	-102.229841	-5.206582
-14.588152	-11.085813	-786.957985	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.372732	35.447987	2.960323
649.332170	70.239440	2211.691	

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	9.372457	35.457271	2.960323
649.295458	69.715322	2359.223	
0.50000	9.372204	35.467024	2.960323
649.264084	70.299441	2549.329	
0.75000	9.371958	35.477153	2.960323
649.235214	72.207732	2782.243	
1.00000	9.371720	35.488417	2.960323
649.207991	75.406958	3044.642	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.301680	-248.443059	-6.468422
-164.905677	-34.046479	-1660.718	
0.25000	-2.301906	-248.431639	-6.468422
-164.935646	-30.656562	-1619.857	
0.50000	-2.302139	-248.421191	-6.468422
-164.966747	-27.272226	-1579.024	
0.75000	-2.302378	-248.410992	-6.468422
-164.998731	-23.889324	-1538.192	
1.00000	-2.302648	-248.401123	-6.468422
-165.035436	-20.506385	-1497.359	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.455415	109.085096	5.906011
688.874379	80.229301	3744.405	
0.25000	15.053813	123.172577	5.906011
659.458576	78.171894	4026.713	
0.50000	14.674384	138.056655	5.906011
637.686872	77.109679	4329.879	
0.75000	14.304072	153.566362	5.906011
616.218219	77.241736	4653.132	
1.00000	13.945649	170.255263	5.906011
609.778587	78.535393	4983.378	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.527179	-506.348502	-6.885612
-333.035935	-58.989927	-2304.379	
0.25000	-4.871341	-489.410718	-6.885612
-354.646662	-55.728563	-2235.370	
0.50000	-5.226898	-473.370396	-6.885612
-386.254051	-53.178260	-2166.432	
0.75000	-5.592117	-457.696599	-6.885612
-424.065722	-51.156961	-2097.554	
1.00000	-5.987474	-442.544424	-6.885612

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-466.260510  -49.439157   -2028.677

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    9.835647   81.501826    6.641677
14.082460  30.459179  2380.480
 0.25000    9.352299   93.507617    6.641677
14.082460  26.016150  2608.984
 0.50000    8.879494  106.466313    6.641677
14.082460  21.958670  2808.382
 0.75000    8.421684  120.197978    6.641677
14.082460  18.201658  2977.942
 1.00000    7.982890  134.513314    6.641677
14.082460  14.659473  3117.711

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -2.840251  -364.779869   -1.641829
-461.306515  -44.783709   -1245.863
 0.25000   -3.167782  -344.044567   -1.641829
-458.283272  -45.986879   -1193.137
 0.50000   -3.516466  -323.755225   -1.641829
-455.260028  -48.016515   -1140.420
 0.75000   -3.882845  -304.087069   -1.641829
-452.236785  -50.894672   -1087.281
 1.00000   -4.262757  -285.276562   -1.641829
-449.213541  -54.454437   -1034.564
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 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   16.370497  129.709213    8.544623
180.658856  57.667362  4151.451
 0.25000   15.730359  145.618666    8.544623
180.658856  51.665138  4512.411
 0.50000   15.105827  162.781158    8.544623
180.658856  46.126279  4850.127
 0.75000   14.502489  180.980522    8.544623
180.658856  40.981452  5168.967
 1.00000   13.925171  199.975006    8.544623
180.658856  36.112534  5453.914

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -3.774574  -596.602812   -2.472951
-656.589294  -69.746932   -2292.818
 0.25000   -4.201900  -569.534690   -2.472951
-662.026887  -70.212424   -2204.308
 0.50000   -4.657724  -543.095924   -2.472951
-667.464480  -71.616378   -2115.757
 0.75000   -5.137059  -517.568706   -2.472951
-672.902072  -74.013144   -2027.338
 1.00000   -5.635240  -493.177039   -2.472951
-678.339665  -77.179830   -1938.831

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   19.806292  127.260471    8.952374
504.004361  85.204482  4989.454
 0.25000   19.236503  141.421174    8.952374
504.004361  80.025532  5417.736
 0.50000   18.680551  156.697439    8.952374
504.004361  75.827533  5830.582
 0.75000   18.143419  172.896273    8.952374
504.004361  72.388175  6229.546
 1.00000   17.629419  189.802173    8.952374
504.004361  69.639495  6600.108

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -4.640999  -662.794721   -6.381967
-642.113874  -83.555783   -3089.564
 0.25000   -5.021578  -638.687976   -6.381967
-646.633930  -81.171655   -2987.180
 0.50000   -5.427520  -615.139222   -6.381967
-651.153986  -80.014595   -2884.752
 0.75000   -5.854371  -592.400556   -6.381967
-655.674041  -80.226523   -2782.436
 1.00000   -6.297975  -570.671888   -6.381967
-660.194097  -81.287792   -2631.952

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    6.499384   11.631917    1.624378
486.911724  43.102470  1406.166
 0.25000    6.491398   11.830324    1.624378
486.216518  44.401518  1526.533
 0.50000    6.483678   12.044560    1.624378
485.563695  46.586167  1648.819
 0.75000    6.476278   12.272148    1.624378
484.962335  49.659288  1772.176
 1.00000    6.469251   12.510547    1.624378
484.420142  53.429143  1896.702

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -2.277716  -139.435534   -6.857383
-13.326663  -30.331593   -1079.844
 0.25000   -2.282759  -139.114947   -6.857383
-13.989955  -25.779733   -1058.662
 0.50000   -2.288178  -138.804709   -6.857383
-14.700212  -21.639067   -1037.476
 0.75000   -2.293912  -138.507811   -6.857383
-15.447911  -17.815910   -1016.297
 1.00000   -2.299908  -138.226443   -6.857383
-16.222630  -14.217271   -995.157827
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 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   11.988724  41.254826    2.747769
757.886412  73.819578  2988.240
 0.25000   11.988537  41.259458    2.747769
757.869908  74.313391  3215.961
 0.50000   11.988357  41.264459    2.747769
757.854408  75.773662  3461.676
 0.75000   11.988185  41.269773    2.747769
757.840119  78.234973  3730.308
 1.00000   11.988021  41.275339    2.747769
757.827235  81.527598  4005.829

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -2.915744  -315.632393   -8.599343
-182.430820  -52.250179   -2097.009
 0.25000   -2.915861  -315.624918   -8.599343
-182.446489  -46.163851   -2045.785
 0.50000   -2.915988  -315.617686   -8.599343
-182.463262  -40.554048   -1994.587
 0.75000   -2.916122  -315.610766   -8.599343
-182.480918  -35.342515   -1943.391
 1.00000   -2.916261  -315.604209   -8.599343
-182.499217  -30.421973   -1892.216

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   18.699790  101.099242    6.568869
778.087018  89.064736  4561.270
 0.25000   18.273184  111.699554    6.568869
754.392592  86.825612  4946.554
 0.50000   17.858904  123.141318    6.568869
732.203684  85.702394  5324.487
 0.75000   17.460251  135.284647    6.568869
712.085718  85.691054  5699.508
 1.00000   17.080173  147.983821    6.568869
704.605666  86.567209  6055.848

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -4.560828  -574.637697   -8.762332
-416.957636  -77.794524   -2902.698
 0.25000   -4.837751  -557.061391   -8.762332
-443.385592  -72.567955   -2816.212
 0.50000   -5.134088  -539.983036   -8.762332
-471.916718  -68.197525   -2729.768
 0.75000   -5.447044  -523.553111   -8.762332
-501.999597  -64.632278   -2643.382
 1.00000   -5.772990  -507.916069   -8.762332
-533.050870  -61.627250   -2556.989

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   16.592138  150.583481    7.488918
688.674379  80.229301  4302.562
 0.25000   16.076450  171.891642    7.488918
659.458576  78.171894  4618.634
 0.50000   15.571681  194.529725    7.488918
649.264084  77.109679  4948.709
 0.75000   15.078861  218.198945    7.488918
649.235214  77.241736  5293.222
 1.00000   14.602402  242.843158    7.488918
649.207991  78.535393  5638.138

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.182717  -600.625529   -6.885612
-558.751341  -65.815298   -2362.632
 0.25000   -5.645163  -578.429316   -6.885612
-558.751341  -64.152872   -2282.448
 0.50000   -6.124881  -556.651774   -6.885612
-558.751341  -63.451098   -2202.303
 0.75000   -6.618552  -535.352845   -6.885612
-558.751341  -64.448480   -2122.281
 1.00000   -7.129703  -514.774181   -6.885612
-558.751341  -67.442554   -2042.260
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 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   19.806292  129.709213    8.952374
778.087018  89.064736  4989.454
 0.25000   19.236503  145.618666    8.952374
757.869908  86.825612  5417.736
 0.50000   18.680551  162.781158    8.952374
757.854408  85.702394  5830.582
 0.75000   18.143419  180.980522    8.952374
757.840119  85.691054  6229.546
 1.00000   17.629419  199.975006    8.952374
757.827235  86.567209  6600.108

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -4.640999  -662.794721   -8.762332
-656.589294  -83.555783   -3089.564
 0.25000   -5.021578  -638.687976   -8.762332
-662.026887  -81.171655   -2987.180
 0.50000   -5.427520  -615.139222   -8.762332
-667.464480  -80.014595   -2884.752
 0.75000   -5.854371  -592.400556   -8.762332
-672.902072  -80.226523   -2782.436
 1.00000   -6.297975  -570.671888   -8.762332
-678.339665  -81.287792   -2631.952

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   19.806292  150.583481    8.952374
778.087018  89.064736  4989.454
 0.25000   19.236503  171.891642    8.952374
757.869908  86.825612  5417.736
 0.50000   18.680551  194.529725    8.952374
757.854408  85.702394  5830.582
 0.75000   18.143419  218.198945    8.952374
757.840119  85.691054  6229.546
 1.00000   17.629419  242.843158    8.952374
757.827235  86.567209  6600.108

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.182717  -662.794721   -8.762332
-656.589294  -83.555783   -3089.564
 0.25000   -5.645163  -638.687976   -8.762332
-662.026887  -81.171655   -2987.180
 0.50000   -6.124881  -615.139222   -8.762332
-667.464480  -80.014595   -2884.752
 0.75000   -6.618552  -592.400556   -8.762332
-672.902072  -80.226523   -2782.436
 1.00000   -7.129703  -570.671888   -8.762332
-678.339665  -81.287792   -2631.952

 COMB    DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   19.806292  150.583481    8.952374
778.087018  89.064736  4989.454
 0.25000   19.236503  171.891642    8.952374
757.869908  86.825612  5417.736
 0.50000   18.680551  194.529725    8.952374
757.854408  85.702394  5830.582
 0.75000   18.143419  218.198945    8.952374
757.840119  85.691054  6229.546
 1.00000   17.629419  242.843158    8.952374
757.827235  86.567209  6600.108

 COMB    DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.182717  -662.794721   -8.762332
-656.589294  -83.555783   -3089.564
 0.25000   -5.645163  -638.687976   -8.762332
-662.026887  -81.171655   -2987.180
 0.50000   -6.124881  -615.139222   -8.762332
-667.464480  -80.014595   -2884.752
 0.75000   -6.618552  -592.400556   -8.762332
-672.902072  -80.226523   -2782.436
 1.00000   -7.129703  -570.671888   -8.762332
-678.339665  -81.287792   -2631.952
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 ELEM      27 ================== LENGTH =
 4.967391

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    7.859240  127.156409    4.140289
56.205248  11.656921  2848.626
 0.25000    7.423468  143.983704    4.140289
56.205248  10.218112  2994.640
 0.50000    6.985149  161.770806    4.140289
56.205248   8.796603  3113.627
 0.75000    6.554024  180.266957    4.140289
56.205248   7.392252  3204.707
 1.00000    6.134881  199.073292    4.140289
56.205248   6.029372  3268.409

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -3.937176  -319.319462   -3.029980
-312.639602  -55.591589  -818.036459
 0.25000   -4.311412  -300.297235   -3.029980
-312.639602  -54.631752  -784.232551
 0.50000   -4.709171  -281.318793   -3.029980
-312.639602  -54.393803  -750.428717
 0.75000   -5.125498  -262.767792   -3.029980
-312.639602  -55.156303  -716.625506
 1.00000   -5.551946  -244.861948   -3.029980
-312.639602  -57.027611  -682.822296

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   13.239108  197.287926    5.438924
201.072403  29.274742  4877.863
 0.25000   12.643869  219.652293    5.438924
201.072403  27.048423  5079.769
 0.50000   12.057087  243.213095    5.438924
201.072403  24.822325  5273.216
 0.75000   11.480219  267.678619    5.438924
201.072403  22.597305  5459.618
 1.00000   10.918683  293.003987    5.438924
201.072403  20.388063  5629.026

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.248025  -506.337656   -3.906742
-484.308312  -74.674331   -1534.721
 0.25000   -5.750952  -480.727979   -3.906742
-484.308312  -72.845286   -1474.094
 0.50000   -6.283186  -455.647053   -3.906742
-484.308312  -71.977193   -1413.468
 0.75000   -6.839207  -431.143035   -3.906742
-484.308312  -72.251142   -1352.841
 1.00000   -7.421180  -407.464632   -3.906742
-484.308312  -73.806469   -1292.215

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   15.172765  187.703630    7.074852
432.786144  64.238457  5638.135
 0.25000   14.645312  207.546555    7.074852
432.786144  60.882460  5866.572
 0.50000   14.124864  228.454356    7.074852
432.786144  58.075078  6097.974
 0.75000   13.613198  250.166462    7.074852
432.786144  55.889396  6334.889
 1.00000   13.115160  272.622638    7.074852
432.786144  54.598662  6566.875

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.506409  -532.973400   -6.133696
-511.522716  -73.628151   -2042.344
 0.25000   -5.952401  -510.264858   -6.133696
-511.522716  -71.548295   -1966.207
 0.50000   -6.424479  -488.005656   -6.133696
-511.522716  -70.424322   -1890.070
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 REL DIST          P          V2          V3
    T          M2         M3
 0.75000   -6.917697  -466.257950   -6.133696
-511.522716  -70.407732   -1813.970
 1.00000   -7.433418  -445.244115   -6.133696
-511.522716  -71.534688   -1737.879

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    3.958223   9.400836    3.099914
317.590913  55.847888  1330.854
 0.25000    3.950632   9.661004    3.099914
316.634019  54.603599  1394.384
 0.50000    3.943623   9.932534    3.099914
315.801194  54.347683  1463.301
 0.75000    3.936741  10.213006    3.099914
315.006372  55.181112  1537.325
 1.00000    3.930030  10.521787    3.099914
314.279723  56.980563  1615.570

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -1.435172  -83.082274   -4.209852
-34.142506  -12.584954  -786.967527
 0.25000   -1.441246  -82.770266   -4.209852
-34.930761  -10.974363  -762.389934
 0.50000   -1.447596  -82.483652   -4.209852
-35.747003  -9.374295  -737.812342
 0.75000   -1.454184  -82.204015   -4.209852
-36.584297  -7.780076  -713.269085
 1.00000   -1.461585  -81.933369   -4.209852
-37.540500  -6.186912  -688.756904

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    8.047373  48.055607    4.305857
560.735412  81.513548  3045.747
 0.25000    8.047092  48.065246    4.305857
560.699922  79.300632  3137.869
 0.50000    8.046832  48.075306    4.305857
560.669037  78.180566  3268.128
 0.75000    8.046577  48.085697    4.305857
560.639562  78.305843  3437.334
 1.00000    8.046329  48.097138    4.305857
560.612577  79.810400  3634.856

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -2.061816  -206.040894   -5.347403
-214.949223  -22.194782   -1497.432
 0.25000   -2.062041  -206.029333   -5.347403
-214.978459  -20.017596   -1447.746
 0.50000   -2.062276  -206.018715   -5.347403
-215.008730  -17.861023   -1398.059
 0.75000   -2.062520  -206.008355   -5.347403
-215.039781  -15.714509   -1348.424
 1.00000   -2.062794  -205.998328   -5.347403
-215.075245  -13.586563   -1298.818

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   13.904592  142.185088    6.520920
641.819946  84.620854  4984.139
 0.25000   13.494556  156.889642    6.520920
603.516964  81.608736  5184.379
 0.50000   13.103596  172.312022    6.520920
574.869570  79.576129  5397.640
 0.75000   12.719483  188.284824    6.520920
554.185288  78.665395  5623.874
 1.00000   12.345276  205.334927    6.520920
534.363865  78.987950  5852.752

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -4.570697  -443.992223   -6.622923
-335.510009  -56.380548   -2028.769
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 REL DIST          P          V2          V3
    T          M2         M3
 0.25000   -4.907638  -426.757344   -6.622923
-361.867228  -53.248539   -1956.777
 0.50000   -5.262056  -410.408227   -6.622923
-397.052163  -50.863552   -1884.785
 0.75000   -5.631046  -394.445521   -6.622923
-433.782423  -49.043131   -1812.838
 1.00000   -6.031354  -379.011158   -6.622923
-474.654584  -47.581430   -1740.918

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    8.649148  103.801761    4.845054
46.724181  16.267583  3116.694
 0.25000    8.178148  117.122962    4.845054
46.724181  14.054190  3275.777
 0.50000    7.716749  131.370893    4.845054
46.724181  12.012871  3404.541
 0.75000    7.269415  146.382973    4.845054
46.724181  10.077718  3502.256
 1.00000    6.840404  161.982552    4.845054
46.724181   8.222835  3568.837

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -3.229129  -310.338386   -2.641620
-360.912181  -59.888653   -1034.557
 0.25000   -3.566993  -290.469801   -2.641620
-357.888629  -59.898462  -991.682797
 0.50000   -3.927832  -271.118288   -2.641620
-354.865078  -60.497890  -948.912800
 0.75000   -4.307586  -252.461890   -2.641620
-351.841526  -61.741387  -906.205994
 1.00000   -4.702359  -234.660336   -2.641620
-348.817833  -63.529218  -863.431636

 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   14.211839  167.927291    6.389018
197.473505  38.137661  5452.850
 0.25000   13.587944  185.452109    6.389018
197.321071  34.872098  5692.951
 0.50000   12.978234  204.198915    6.389018
197.321071  31.816525  5906.443
 0.75000   12.388652  223.969422    6.389018
197.321071  28.919830  6099.721
 1.00000   11.824018  244.528969    6.389018
197.321071  26.054168  6259.071

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -4.392338  -505.159681   -3.650849
-539.015885  -85.479259   -1938.911
 0.25000   -4.833162  -479.197757   -3.650849
-544.301598  -84.636573   -1862.362
 0.50000   -5.304402  -453.970057   -3.650849
-549.739745  -84.474572   -1785.775
 0.75000   -5.801229  -429.699227   -3.650849
-555.177891  -85.077660   -1709.266
 1.00000   -6.318577  -406.582893   -3.650849
-560.616038  -86.229126   -1632.664
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COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	16.914626	166.048873	7.650688
446.540898	75.203457	6599.860	
0.25000	16.359321	181.651709	7.650688
446.481259	71.741890	6880.191	
0.50000	15.816509	198.341129	7.650688
446.481259	68.894128	7141.376	
0.75000	15.291683	215.942856	7.650688
446.481259	66.497448	7388.480	
1.00000	14.788977	234.247435	7.650688
446.481259	64.521046	7606.445	

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COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-4.927662	-554.320370	-6.404861
-551.265492	-89.485916	-2632.094	
0.25000	-5.320265	-531.199727	-6.404861
-555.726368	-87.384766	-2534.826	
0.50000	-5.739939	-508.731012	-6.404861
-560.246885	-86.019578	-2437.561	
0.75000	-6.182374	-487.112708	-6.404861
-564.767401	-85.447593	-2284.791	
1.00000	-6.643054	-466.521400	-6.404861
-569.287918	-85.481878	-2189.128	

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	5.370508	14.054924	2.699330
367.868150	58.913952	1897.818	
0.25000	5.362720	14.268021	2.699330
367.177398	58.966607	1975.523	
0.50000	5.355179	14.496518	2.699330
366.527187	59.589199	2054.431	
0.75000	5.347947	14.738146	2.699330
365.926033	60.855145	2134.640	
1.00000	5.341074	14.990504	2.699330
365.381198	62.649851	2215.817	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.795543	-111.573624	-4.987523
-28.324928	-16.064833	-995.166669	
0.25000	-1.800749	-111.265081	-4.987523
-28.956957	-13.787047	-964.265810	
0.50000	-1.806341	-110.967617	-4.987523
-29.634262	-11.715789	-933.381053	
0.75000	-1.812274	-110.683708	-4.987523
-30.347725	-9.719835	-902.525821	
1.00000	-1.818490	-110.415478	-4.987523
-31.088203	-7.731882	-871.684883	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	9.874600	55.244109	3.953612
614.098159	88.589333	4007.274	
0.25000	9.874419	55.249081	3.953612
614.081779	87.652776	4144.248	
0.50000	9.874243	55.254412	3.953612
614.066353	87.349818	4297.554	
0.75000	9.874074	55.260051	3.953612
614.052091	87.721651	4473.169	
1.00000	9.873913	55.265940	3.953612
614.039150	88.807239	4657.853	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-2.491790	-254.861997	-6.442810
-211.515339	-33.084537	-1892.320	
0.25000	-2.491911	-254.854802	-6.442810
-211.530281	-29.646953	-1829.796	
0.50000	-2.492042	-254.847867	-6.442810
-211.546290	-26.409036	-1767.302	
0.75000	-2.492180	-254.841249	-6.442810
-211.563151	-23.330322	-1704.826	
1.00000	-2.492325	-254.834998	-6.442810
-211.580654	-20.381175	-1642.345	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	15.850835	130.878106	6.587986
667.427564	93.603721	6056.610	
0.25000	15.434870	142.406105	6.587986
643.161733	91.513725	6306.517	
0.50000	15.030269	154.754617	6.587986
620.321686	90.034496	6546.428	
0.75000	14.640693	167.795680	6.587986
599.480405	89.184715	6782.090	
1.00000	14.269083	181.385352	6.587986
581.041273	89.005510	7000.239	

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COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-4.464419	-478.614368	-7.434746
-388.852103	-69.878148	-2557.113	
0.25000	-4.750349	-461.732761	-7.434746
-413.395515	-66.408496	-2466.687	
0.50000	-5.056554	-445.385011	-7.434746
-439.958666	-63.350456	-2376.269	
0.75000	-5.380555	-429.726176	-7.434746
-468.025425	-60.695721	-2285.861	
1.00000	-5.718829	-414.866967	-7.434746
-497.076293	-58.353130	-2195.507	

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	15.172765	197.287926	7.074852
641.819946	84.620854	5638.135	
0.25000	14.645312	219.652293	7.074852
603.516964	81.608736	5866.572	
0.50000	14.124864	243.213095	7.074852
574.869570	79.576129	6097.974	
0.75000	13.613198	267.678619	7.074852
560.639562	78.665395	6334.889	
1.00000	13.115160	293.003987	7.074852
560.612577	79.810400	6566.875	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.506409	-532.973400	-6.622923
-511.522716	-74.674331	-2042.344	
0.25000	-5.952401	-510.264858	-6.622923
-511.522716	-72.845286	-1966.207	
0.50000	-6.424479	-488.005656	-6.622923
-511.522716	-71.977193	-1890.070	
0.75000	-6.917697	-466.257950	-6.622923
-511.522716	-72.251142	-1813.970	
1.00000	-7.433418	-445.244115	-6.622923
-511.522716	-73.806469	-1740.918	

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	16.914626	167.927291	7.650688
667.427564	93.603721	6599.860	
0.25000	16.359321	185.452109	7.650688
643.161733	91.513725	6880.191	
0.50000	15.816509	204.198915	7.650688
620.321686	90.034496	7141.376	
0.75000	15.291683	223.969422	7.650688
614.052091	89.184715	7388.480	
1.00000	14.788977	244.528969	7.650688
614.039150	89.005510	7606.445	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-4.927662	-554.320370	-7.434746
-551.265492	-89.485916	-2632.094	
0.25000	-5.320265	-531.199727	-7.434746
-555.726368	-87.384766	-2534.826	
0.50000	-5.739939	-508.731012	-7.434746
-560.246885	-86.019578	-2437.561	
0.75000	-6.182374	-487.112708	-7.434746
-564.767401	-85.447593	-2285.861	
1.00000	-6.643054	-466.521400	-7.434746
-569.287918	-86.229126	-2195.507	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	16.914626	197.287926	7.650688
667.427564	93.603721	6599.860	
0.25000	16.359321	219.652293	7.650688
643.161733	91.513725	6880.191	
0.50000	15.816509	243.213095	7.650688
620.321686	90.034496	7141.376	
0.75000	15.291683	267.678619	7.650688
614.052091	89.184715	7388.480	
1.00000	14.788977	293.003987	7.650688
614.039150	89.005510	7606.445	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.506409	-554.320370	-7.434746
-551.265492	-89.485916	-2632.094	
0.25000	-5.952401	-531.199727	-7.434746
-555.726368	-87.384766	-2534.826	
0.50000	-6.424479	-508.731012	-7.434746
-560.246885	-86.019578	-2437.561	
0.75000	-6.917697	-487.112708	-7.434746
-564.767401	-85.447593	-2285.861	
1.00000	-7.433418	-466.521400	-7.434746
-569.287918	-86.229126	-2195.507	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	16.914626	197.287926	7.650688
667.427564	93.603721	6599.860	
0.25000	16.359321	219.652293	7.650688
643.161733	91.513725	6880.191	
0.50000	15.816509	243.213095	7.650688
620.321686	90.034496	7141.376	
0.75000	15.291683	267.678619	7.650688
614.052091	89.184715	7388.480	
1.00000	14.788977	293.003987	7.650688
614.039150	89.005510	7606.445	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.506409	-554.320370	-7.434746
-551.265492	-89.485916	-2632.094	
0.25000	-5.952401	-531.199727	-7.434746
-555.726368	-87.384766	-2534.826	
0.50000	-6.424479	-508.731012	-7.434746
-560.246885	-86.019578	-2437.561	
0.75000	-6.917697	-487.112708	-7.434746
-564.767401	-85.447593	-2285.861	
1.00000	-7.433418	-466.521400	-7.434746
-569.287918	-86.229126	-2195.507	

ELEM 28 ========== LENGTH = 4.968011

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.556107	153.791637	3.886360
134.253722	6.958746	3267.933	
0.25000	7.093401	171.217258	3.886360
134.253722	6.295513	3360.239	
0.50000	6.627522	189.505348	3.886360
134.253722	5.647464	3422.475	
0.75000	6.168142	208.422888	3.886360
134.253722	5.016505	3454.254	
1.00000	5.719890	227.587488	3.886360
134.253722	4.414317	3456.374	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-4.222700	-290.471568	-3.408926
-224.580921	-62.038023	-682.883212	
0.25000	-4.618072	-271.165789	-3.408926
-224.580921	-60.680040	-652.870175	
0.50000	-5.038956	-251.929266	-3.408926
-224.580921	-60.081436	-622.857170	
0.75000	-5.479944	-233.119503	-3.408926
-224.580921	-60.502555	-592.844166	
1.00000	-5.932205	-214.943632	-3.408926
-224.580921	-62.039743	-562.831161	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	12.401100	244.756449	5.128751
290.114243	21.231170	5628.682	
0.25000	11.771405	267.853507	5.128751
290.114243	19.895314	5738.219	
0.50000	11.149462	292.038022	5.128751
290.114243	18.565121	5828.322	

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FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.75000	10.535964	317.040995	5.128751
290.114243	17.242227	5909.599	
1.00000	9.936286	342.813247	5.128751
290.114243	15.931384	5970.554	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.956842	-452.964891	-4.377231
-382.636928	-81.120516	-1292.333	
0.25000	-6.487588	-427.016538	-4.377231
-382.636928	-78.898517	-1236.194	
0.50000	-7.050583	-401.614349	-4.377231
-382.636928	-77.614619	-1180.054	
0.75000	-7.639671	-376.773221	-4.377231
-382.636928	-77.497184	-1123.915	
1.00000	-8.255450	-352.728744	-4.377231
-386.663017	-78.676322	-1067.775	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	13.668789	244.573450	7.004387
454.938220	59.552228	6566.898	
0.25000	13.110705	265.069089	7.004387
454.938220	56.876681	6680.398	
0.50000	12.559006	286.532056	7.004387
454.938220	54.734831	6785.614	
0.75000	12.014801	308.721967	7.004387
454.938220	53.261489	6892.884	
1.00000	11.482898	331.575876	7.004387
454.938220	52.591614	6989.404	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.984085	-462.484518	-6.413219
-472.759663	-78.024104	-1737.970	
0.25000	-6.454771	-439.473877	-6.413219
-472.759663	-75.788756	-1663.581	
0.50000	-6.954140	-416.928719	-6.413219
-472.759663	-74.396939	-1589.198	
0.75000	-7.476685	-394.881623	-6.413219
-472.759663	-74.049056	-1514.816	
1.00000	-8.022421	-373.543289	-6.413219
-472.759663	-74.857836	-1440.433	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	3.025374	21.703610	3.536663
217.170558	62.574048	1616.048	
0.25000	3.017437	21.969771	3.536663
216.234780	60.899398	1640.934	
0.50000	3.010070	22.246884	3.536663
215.418112	60.241740	1671.145	
0.75000	3.002798	22.532702	3.536663
214.633006	60.660185	1705.776	
1.00000	2.995665	22.845542	3.536663
213.886385	62.057369	1744.400	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.120542	-56.802153	-3.926177
-115.888045	-7.420773	-688.695318	
0.25000	-1.126927	-56.487718	-3.926177
-116.651299	-6.597344	-660.360351	
0.50000	-1.133637	-56.198239	-3.926177
-117.447660	-5.784326	-632.037133	
0.75000	-1.140622	-55.914943	-3.926177
-118.269907	-4.979985	-603.715261	
1.00000	-1.148398	-55.639741	-3.926177
-119.208711	-4.180004	-575.393388	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.439450	79.766993	4.780695
444.391330	86.672326	3635.564	

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FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.25000	6.439156	79.776854	4.780695
444.356624	83.999483	3655.564	
0.50000	6.438883	79.787120	4.780695
444.326338	82.411245	3704.000	
0.75000	6.438614	79.797709	4.780695
444.297221	82.142954	3792.399	
1.00000	6.438349	79.809301	4.780695
444.269529	83.169435	3907.104	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-2.003959	-155.369397	-5.043356
-316.605055	-14.926191	-1298.791	
0.25000	-2.004195	-155.357746	-5.043356
-316.633363	-13.706986	-1244.666	
0.50000	-2.004444	-155.347021	-5.043356
-316.662898	-12.492699	-1190.555	
0.75000	-2.004703	-155.336526	-5.043356
-316.693390	-11.288272	-1136.445	
1.00000	-2.004991	-155.326330	-5.043356
-316.728209	-10.101114	-1082.335	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	12.138543	192.250600	6.789856
579.849997	85.543092	5853.301	
0.25000	11.707386	207.366245	6.789856
542.457001	82.563089	5945.371	
0.50000	11.294723	223.152127	6.789856
508.570275	80.553788	6038.784	
0.75000	10.887527	239.453052	6.789856
476.054908	79.725129	6144.294	
1.00000	10.488843	256.765306	6.789856
454.039624	80.049861	6248.901	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-4.825962	-374.990287	-6.592576
-377.183899	-54.270921	-1740.953	
0.25000	-5.180866	-357.574845	-6.592576
-408.385271	-51.805643	-1667.296	
0.50000	-5.555557	-341.038838	-6.592576
-442.328055	-50.072868	-1593.652	
0.75000	-5.946638	-324.861749	-6.592576
-478.425469	-48.875574	-1520.009	
1.00000	-6.368664	-309.178353	-6.592576
-518.539456	-48.015136	-1446.366	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.742291	127.383959	3.961478
120.927992	9.399001	3568.274	
0.25000	7.271151	141.852534	3.961478
122.077327	8.504823	3660.928	
0.50000	6.810546	157.230942	3.961478
122.333228	7.636755	3722.176	
0.75000	6.364556	173.367186	3.961478
122.333228	6.779381	3751.633	
1.00000	5.937260	190.106167	3.961478
122.333228	5.932230	3749.443	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-3.637401	-267.277490	-3.070118
-249.686605	-69.396274	-863.508048	
0.25000	-3.997456	-248.329581	-3.070118
-247.812027	-68.990479	-825.477091	
0.50000	-4.381018	-229.925073	-3.070118
-245.044016	-69.046401	-787.504614	
0.75000	-4.784934	-212.227810	-3.070118
-242.020102	-69.639006	-749.584281	
1.00000	-5.205378	-195.392363	-3.070118
-238.996664	-70.701891	-711.005842	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	12.450435	211.074636	5.386484
273.242898	27.707545	6258.484	
0.25000	11.827763	230.012852	5.386484
269.995030	25.910911	6378.216	
0.50000	11.220196	250.170610	5.386484
268.443161	24.125063	6468.650	
0.75000	10.633181	271.348658	5.386484
268.306420	22.351216	6536.175	
1.00000	10.071331	293.351715	5.386484
268.306420	20.594999	6573.961	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.172139	-429.224470	-4.117905
-409.345618	-94.940666	-1632.800	
0.25000	-5.641549	-404.456094	-4.117905
-411.536540	-93.641503	-1561.891	
0.50000	-6.142585	-380.426119	-4.117905
-415.423467	-92.839442	-1491.069	
0.75000	-6.671331	-357.363482	-4.117905
-420.725524	-92.682586	-1420.235	
1.00000	-7.222787	-335.448545	-4.117905
-426.164321	-93.017339	-1349.482	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	14.215730	218.103560	7.030016
444.107684	70.220560	7606.315	
0.25000	13.661447	234.970945	7.030016
441.410947	67.771758	7731.873	
0.50000	13.120565	252.917581	7.030016
440.207983	65.689753	7835.280	
0.75000	12.597945	271.774741	7.030016
440.144049	63.909370	7922.754	
1.00000	12.097704	291.365253	7.030016
440.144049	62.470119	7987.091	

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.412868	-457.637330	-6.292721
-486.827105	-93.861202	-2189.236	
0.25000	-5.830938	-435.580182	-6.292721
-488.651404	-91.923891	-2095.631	
0.50000	-6.277196	-414.179162	-6.292721
-491.969498	-90.520152	-2002.109	
0.75000	-6.747998	-393.638374	-6.292721
-496.426621	-89.768321	-1908.570	
1.00000	-7.239031	-374.118942	-6.292721
-500.947678	-89.511893	-1815.120	

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	3.967271	27.107604	3.180821
242.600199	69.142914	2216.441	
0.25000	3.959562	27.333988	3.180821
241.905596	68.613685	2241.360	
0.50000	3.952092	27.576149	3.180821
241.245189	68.445506	2266.933	
0.75000	3.944921	27.831997	3.180821
240.626953	68.880352	2293.693	
1.00000	3.938099	28.099327	3.180821
240.058958	69.818989	2321.072	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.388641	-78.159131	-4.064757
-103.920739	-9.292270	-871.604139	
0.25000	-1.394173	-77.863863	-4.064757
-104.514677	-8.267177	-835.850393	
0.50000	-1.400121	-77.579308	-4.064757
-105.157404	-7.246176	-800.095158	
0.75000	-1.406447	-77.307849	-4.064757
-105.841216	-6.232296	-764.325455	
1.00000	-1.413094	-77.051458	-4.064757
-106.557437	-5.229400	-728.571697	

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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.497078	86.800093	4.524871
465.484074	97.039896	4658.661	
0.25000	7.496898	86.805372	4.524871
465.467621	95.496707	4690.457	
0.50000	7.496724	86.811021	4.524871
465.451975	94.457754	4736.484	
0.75000	7.496556	86.816989	4.524871
465.437320	94.043241	4803.695	
1.00000	7.496397	86.823226	4.524871
465.423851	94.229629	4884.993	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.273931	-190.245087	-5.335618
-308.367128	-22.488020	-1642.300	
0.25000	-2.274060	-190.238202	-5.335618
-308.381188	-20.665125	-1574.014	
0.50000	-2.274199	-190.231567	-5.335618
-308.396397	-18.917999	-1505.720	
0.75000	-2.274346	-190.225238	-5.335618
-308.412575	-17.266207	-1437.394	
1.00000	-2.274501	-190.219262	-5.335618
-308.429521	-15.642188	-1369.128	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.956759	178.134489	6.610277
568.450903	96.900404	7000.667	
0.25000	12.543412	190.485550	6.610277
543.143661	94.843064	7102.781	
0.50000	12.141493	203.668145	6.610277
519.087151	93.243902	7192.173	
0.75000	11.754307	217.555633	6.610277
496.776286	92.219411	7275.536	
1.00000	11.384948	232.027267	6.610277
476.638581	91.751776	7345.872	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.613331	-386.534576	-6.685890
-408.831371	-66.355551	-2195.529	
0.25000	-4.917268	-370.401118	-6.685890
-431.061402	-63.949683	-2102.993	
0.50000	-5.243120	-354.798752	-6.685890
-455.399658	-61.820471	-2010.414	
0.75000	-5.588104	-339.868751	-6.685890
-481.395471	-60.029778	-1917.851	
1.00000	-5.949494	-325.726458	-6.685890
-508.534916	-58.440282	-1825.345	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.668789	244.756449	7.004387
579.849997	86.672326	6566.898	
0.25000	13.110705	267.853507	7.004387
542.457001	83.999483	6680.398	
0.50000	12.559006	292.038022	7.004387
508.570275	82.411245	6785.614	
0.75000	12.014801	317.040995	7.004387
476.054908	82.142954	6892.884	
1.00000	11.482898	342.813247	7.004387
454.938220	83.169435	6989.404	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.984085	-462.484518	-6.592576
-472.759663	-81.120516	-1740.953	
0.25000	-6.487588	-439.473877	-6.592576
-472.759663	-78.898517	-1667.296	
0.50000	-7.050583	-416.928719	-6.592576
-472.759663	-77.614619	-1593.652	
0.75000	-7.639671	-394.881623	-6.592576
-478.425469	-77.497184	-1520.009	
1.00000	-8.255450	-373.543289	-6.592576
-518.539456	-78.676322	-1446.366	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.215730	218.103560	7.030016
568.450903	97.039896	7606.315	
0.25000	13.661447	234.970945	7.030016
543.143661	95.496707	7731.873	
0.50000	13.120565	252.917581	7.030016
519.087151	94.457754	7835.280	
0.75000	12.597945	271.774741	7.030016
496.776286	94.043241	7922.754	
1.00000	12.097704	293.351715	7.030016
476.638581	94.229629	7987.091	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.412868	-457.637330	-6.685890
-486.827105	-94.940666	-2195.529	
0.25000	-5.830938	-435.580182	-6.685890
-488.651404	-93.641503	-2102.993	
0.50000	-6.277196	-414.179162	-6.685890
-491.969498	-92.839442	-2010.414	
0.75000	-6.747998	-393.638374	-6.685890
-496.426621	-92.682586	-1917.851	
1.00000	-7.239031	-374.118942	-6.685890
-508.534916	-93.017339	-1825.345	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.215730	244.756449	7.030016
579.849997	97.039896	7606.315	
0.25000	13.661447	267.853507	7.030016
543.143661	95.496707	7731.873	
0.50000	13.120565	292.038022	7.030016
519.087151	94.457754	7835.280	
0.75000	12.597945	317.040995	7.030016
496.776286	94.043241	7922.754	
1.00000	12.097704	342.813247	7.030016
476.638581	94.229629	7987.091	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.984085	-462.484518	-6.685890
-486.827105	-94.940666	-2195.529	
0.25000	-6.487588	-439.473877	-6.685890
-488.651404	-93.641503	-2102.993	
0.50000	-7.050583	-416.928719	-6.685890
-491.969498	-92.839442	-2010.414	
0.75000	-7.639671	-394.881623	-6.685890
-496.426621	-92.682586	-1917.851	
1.00000	-8.255450	-374.118942	-6.685890
-518.539456	-93.017339	-1825.345	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.215730	244.756449	7.030016
579.849997	97.039896	7606.315	
0.25000	13.661447	267.853507	7.030016
543.143661	95.496707	7731.873	
0.50000	13.120565	292.038022	7.030016
519.087151	94.457754	7835.280	
0.75000	12.597945	317.040995	7.030016
496.776286	94.043241	7922.754	
1.00000	12.097704	342.813247	7.030016
476.638581	94.229629	7987.091	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.984085	-462.484518	-6.685890
-486.827105	-94.940666	-2195.529	
0.25000	-6.487588	-439.473877	-6.685890
-488.651404	-93.641503	-2102.993	
0.50000	-7.050583	-416.928719	-6.685890
-491.969498	-92.839442	-2010.414	
0.75000	-7.639671	-394.881623	-6.685890
-496.426621	-92.682586	-1917.851	
1.00000	-8.255450	-374.118942	-6.685890
-518.539456	-93.017339	-1825.345	

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ELEM 29 ========== LENGTH = 4.966639

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.047666	179.360236	3.974121
224.392428	5.056143	3456.245	
0.25000	6.560882	197.070273	3.974121
224.392428	4.744701	3498.571	
0.50000	6.069760	215.614961	3.974121
224.392428	4.442540	3516.624	
0.75000	5.583565	234.783841	3.974121
224.392428	4.148196	3503.234	
1.00000	5.107077	254.216866	3.974121
224.392428	3.868050	3457.656	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.517699	-263.559643	-3.313945
-124.741534	-67.117811	-562.921227	
0.25000	-4.933033	-243.935302	-3.313945
-124.741534	-65.935197	-534.552303	
0.50000	-5.374283	-224.324319	-3.313945
-124.741534	-65.490761	-506.183380	
0.75000	-5.836352	-205.085767	-3.313945
-124.741534	-66.034229	-477.814456	
1.00000	-6.310713	-186.428456	-3.313945
-124.741534	-67.657222	-449.445533	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.177506	292.536889	5.135342
398.560818	16.513901	5970.478	
0.25000	10.517689	315.998739	5.135342
396.596269	15.598038	5985.498	
0.50000	9.863940	340.513840	5.135342
396.596269	14.685172	5986.857	
0.75000	9.216748	365.841931	5.135342
396.596269	13.772591	5976.789	
1.00000	8.581576	391.958767	5.135342
396.596269	12.864057	5944.452	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.753917	-401.095847	-4.312631
-264.463107	-86.072687	-1067.912	
0.25000	-7.310229	-374.742308	-4.312631
-264.463107	-84.020310	-1013.739	
0.50000	-7.899356	-348.866134	-4.312631
-264.463107	-82.875126	-959.566150	
0.75000	-8.515513	-323.482775	-4.312631
-264.463107	-82.846189	-905.393238	
1.00000	-9.159282	-298.831354	-4.312631
-271.660994	-84.068366	-851.220327	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.678256	305.782199	6.908185
486.126843	57.589059	6989.316	
0.25000	11.093370	326.602059	6.908185
486.126843	55.438278	6980.015	
0.50000	10.513373	348.358780	6.908185
486.126843	53.828965	6966.239	
0.75000	9.939190	370.837529	6.908185
486.126843	52.857580	6950.851	
1.00000	9.375710	393.997685	6.908185
486.126843	52.647058	6921.819	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.573286	-391.680824	-6.458263
-426.600589	-81.431442	-1440.510	
0.25000	-7.066696	-368.309913	-6.458263
-426.600589	-79.349116	-1366.895	
0.50000	-7.589290	-345.343213	-6.458263
-426.600589	-78.088204	-1293.279	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	-8.135893	-322.813856	-6.458263
-426.600589	-77.826805	-1219.663	
1.00000	-8.706521	-300.935621	-6.458263
-428.847117	-78.680672	-1146.047	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.917273	42.703728	3.494780
106.151025	68.083403	1744.382	
0.25000	1.909056	42.973598	3.494780
105.225468	66.538922	1724.505	
0.50000	1.901392	43.254145	3.494780
104.419203	65.953336	1708.620	
0.75000	1.893806	43.543399	3.494780
103.641886	66.371180	1696.054	
1.00000	1.886339	43.859769	3.494780
102.900379	67.790903	1687.714	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.848162	-28.311860	-3.990327
-215.111566	-5.248062	-575.294619	
0.25000	-0.854806	-27.993471	-3.990327
-215.858108	-4.818307	-545.334453	
0.50000	-0.861783	-27.699384	-3.990327
-216.640341	-4.398890	-515.374287	
0.75000	-0.869046	-27.410878	-3.990327
-217.451385	-3.983788	-485.414122	
1.00000	-0.877093	-27.129878	-3.990327
-218.379226	-3.569226	-455.453956	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.493652	121.971317	4.599454
316.594504	90.610859	3907.050	
0.25000	4.493348	121.981315	4.599454
316.560176	88.088298	3837.998	
0.50000	4.493064	121.991709	4.599454
316.530275	86.628217	3795.812	
0.75000	4.492783	122.002425	4.599454
316.501447	86.436800	3790.018	
1.00000	4.492506	122.014148	4.599454
316.473945	87.507125	3810.773	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.059634	-101.223581	-5.186307
-434.727582	-11.230729	-1082.248	
0.25000	-2.059880	-101.211784	-5.186307
-434.755271	-10.449562	-1026.214	
0.50000	-2.060138	-101.200889	-5.186307
-434.784281	-9.671068	-970.179195	
0.75000	-2.060407	-101.190200	-5.186307
-434.814359	-8.892733	-914.144697	
1.00000	-2.060706	-101.179790	-5.186307
-434.848772	-8.117871	-858.110198	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.885181	251.577826	6.656247
522.834808	86.994189	6248.956	
0.25000	9.436168	266.918385	6.656247
483.474411	84.380084	6219.801	
0.50000	9.004622	282.910187	6.656247
448.258060	82.718064	6194.126	
0.75000	8.577420	299.415251	6.656247
414.731854	82.182897	6176.402	
1.00000	8.157630	316.940764	6.656247
383.913773	82.772570	6156.736	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.219053	-303.716600	-6.696011
-442.593394	-54.503377	-1446.358	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-5.589629	-286.056039	-6.696011
-465.130761	-52.425932	-1372.005	
0.50000	-5.980474	-269.233466	-6.696011
-497.380419	-51.061161	-1297.653	
0.75000	-6.388315	-252.730429	-6.696011
-530.867244	-50.201135	-1223.300	
1.00000	-6.827228	-236.682981	-6.696011
-567.740281	-49.643472	-1148.948	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.779053	152.461620	3.576504
221.362752	6.773223	3749.488	
0.25000	6.317195	167.949793	3.576504
224.385845	6.358249	3777.404	
0.50000	5.866030	184.368260	3.576504
227.408852	5.948220	3773.540	
0.75000	5.429792	201.574900	3.576504
230.171816	5.542853	3737.492	
1.00000	5.012581	219.412174	3.576504
232.071874	5.143560	3669.398	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.033517	-231.702816	-3.036865
-139.582955	-76.698410	-711.119702	
0.25000	-4.413444	-213.637176	-3.036865
-139.582955	-76.155444	-675.270744	
0.50000	-4.818576	-196.112507	-3.036865
-139.582955	-76.035935	-639.396923	
0.75000	-5.245311	-179.276670	-3.036865
-139.322478	-76.432576	-603.611354	
1.00000	-5.689907	-163.298848	-3.036865
-138.199994	-77.283993	-567.102357	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.607708	259.333392	4.872685
393.394107	21.603417	6574.023	
0.25000	9.998247	279.573059	4.872685
387.956784	20.372829	6573.600	
0.50000	9.404246	301.049637	4.872685
382.646025	19.148631	6543.092	
0.75000	8.830898	323.586957	4.872685
378.708395	17.930273	6488.934	
1.00000	8.283289	346.989838	4.872685
376.420733	16.721158	6404.198	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.050875	-364.706147	-4.080640
-293.530916	-101.417030	-1349.616	
0.25000	-6.546861	-341.051587	-4.080640
-293.530916	-99.914229	-1281.375	
0.50000	-7.076410	-318.134032	-4.080640
-293.657910	-98.943530	-1213.103	
0.75000	-7.635117	-296.178200	-4.080640
-295.157435	-98.547525	-1144.945	
1.00000	-8.218339	-275.353973	-4.080640
-298.307096	-98.621746	-1076.611	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.298349	282.073237	6.543754
484.201233	67.984361	7987.127	
0.25000	10.755787	300.097774	6.543754
479.681402	66.116949	7954.981	
0.50000	10.226977	319.223206	6.543754
475.219046	64.503510	7898.682	
0.75000	9.716463	339.292145	6.543754
471.858011	63.148336	7825.880	
1.00000	9.228868	360.130584	6.543754
469.949686	62.083446	7729.080	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.033961	-373.934660	-6.061252
-453.877300	-97.477561	-1815.184	
0.25000	-6.475684	-352.870527	-6.061252
-453.877300	-95.654604	-1722.641	
0.50000	-6.947273	-332.461284	-6.061252
-453.935160	-94.351581	-1630.070	
0.75000	-7.447797	-312.907242	-6.061252
-455.093849	-93.587668	-1537.601	
1.00000	-7.964112	-294.360180	-6.061252
-457.705356	-93.263254	-1444.986	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.358785	51.132802	3.196486
130.235072	77.013523	2321.031	
0.25000	2.351282	51.373141	3.196486
129.518701	76.234997	2287.248	
0.50000	2.344022	51.629460	3.196486
128.835020	75.819009	2254.732	
0.75000	2.337060	51.899783	3.196486
128.192756	75.960563	2222.318	
1.00000	2.330453	52.182091	3.196486
127.599667	76.600979	2190.806	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.044981	-47.801665	-3.649092
-220.819795	-6.574361	-728.446455	
0.25000	-1.050846	-47.518303	-3.649092
-221.382794	-6.035437	-690.633857	
0.50000	-1.057150	-47.245568	-3.649092
-221.994543	-5.498959	-652.815889	
0.75000	-1.063844	-46.985967	-3.649092
-222.647587	-4.964543	-614.984752	
1.00000	-1.070879	-46.741111	-3.649092
-223.333443	-4.432696	-577.166776	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.856535	134.076014	4.452464
326.829173	103.080486	4884.949	
0.25000	4.856360	134.081619	4.452464
326.812216	101.393684	4803.304	
0.50000	4.856191	134.087596	4.452464
326.796038	100.166278	4735.701	
0.75000	4.856028	134.093901	4.452464
326.780838	99.498324	4688.009	
1.00000	4.855874	134.100487	4.452464
326.766796	99.402345	4653.439	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.228111	-131.738517	-4.862272
-447.742263	-17.092425	-1368.985	
0.25000	-2.228248	-131.731908	-4.862272
-447.755613	-15.910581	-1298.194	
0.50000	-2.228395	-131.725547	-4.862272
-447.770109	-14.811772	-1227.402	
0.75000	-2.228551	-131.719495	-4.862272
-447.785583	-13.731965	-1156.594	
1.00000	-2.228715	-131.713787	-4.862272
-447.801834	-12.661411	-1085.779	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.780540	241.398531	6.326233
509.368597	99.987796	7345.878	
0.25000	9.377090	254.556540	6.326233
482.265734	98.049723	7293.163	
0.50000	8.985215	268.555080	6.326233
456.356238	96.523125	7227.336	
0.75000	8.608268	283.282292	6.326233
432.155090	95.504929	7153.972	
1.00000	8.249475	298.618238	6.326233
410.095282	95.006706	7066.387	

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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.946093	-305.244124	-6.263603
-480.271979	-65.802726	-1825.282	
0.25000	-5.267988	-289.797213	-6.263603

```
-500.177468  -63.827630   -1732.049
 0.50000     -5.612696  -274.880408     -6.263603
-522.205655  -62.119438   -1638.774
 0.75000     -5.977550  -260.633340     -6.263603
-545.905227  -60.658664   -1545.468
 1.00000     -6.359682  -247.163343     -6.263603
-570.780262  -59.356761   -1452.163

 COMB      DB ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     11.678256   305.782199     6.908185
522.834808   90.610859    6989.316
 0.25000     11.093370   326.602059     6.908185
486.126843   88.088298    6980.015
 0.50000     10.513373   348.358780     6.908185
486.126843   86.628217    6966.239
 0.75000      9.939190   370.837529     6.908185
486.126843   86.436800    6950.851
 1.00000      9.375710   393.997685     6.908185
486.126843   87.507125    6921.819

 COMB      DB ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -6.753917  -401.095847     -6.696011
-442.593394  -86.072687   -1446.358
 0.25000     -7.310229  -374.742308     -6.696011
-465.130761  -84.020310   -1372.005
 0.50000     -7.899356  -348.866134     -6.696011
-497.380419  -82.875126   -1297.653
 0.75000     -8.515513  -323.482775     -6.696011
-530.867244  -82.846189   -1223.300
 1.00000     -9.159282  -300.935621     -6.696011
-567.740281  -84.068366   -1148.948

 COMB      DL ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     11.298349   282.073237     6.543754
509.368597   103.080486    7987.127
 0.25000     10.755787   300.097774     6.543754
482.265734   101.393684    7954.981
 0.50000     10.226977   319.223206     6.543754
475.219046   100.166278    7898.882
 0.75000      9.716463   339.292145     6.543754
471.858011   99.498324    7825.880
 1.00000      9.228868   360.130584     6.543754
469.949686   99.402345    7729.080

 COMB      DL ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -6.050875  -373.934660     -6.263603
-480.271979  -101.417030   -1825.282
 0.25000     -6.546861  -352.870527     -6.263603
-500.177468  -99.914229   -1732.049
 0.50000     -7.076410  -332.461284     -6.263603
-522.205655  -98.943530   -1638.774
 0.75000     -7.635117  -312.907242     -6.263603
-545.905227  -98.547525   -1545.468
 1.00000     -8.218339  -294.360180     -6.263603
-570.780262  -98.621746   -1452.163

 COMB      CAR ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     11.678256   305.782199     6.908185
522.834808   103.080486    7987.127
 0.25000     11.093370   326.602059     6.908185
486.126843   101.393684    7954.981
 0.50000     10.513373   348.358780     6.908185
486.126843   100.166278    7898.882
 0.75000      9.939190   370.837529     6.908185
486.126843   99.498324    7825.880
 1.00000      9.375710   393.997685     6.908185
486.126843   99.402345    7729.080
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 COMB      CAR ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -6.753917  -401.095847     -6.696011
-480.271979  -101.417030   -1825.282
 0.25000     -7.310229  -374.742308     -6.696011
-500.177468  -99.914229   -1732.049
 0.50000     -7.899356  -348.866134     -6.696011
-522.205655  -98.943530   -1638.774
 0.75000     -8.515513  -323.482775     -6.696011
-545.905227  -98.547525   -1545.468
 1.00000     -9.159282  -300.935621     -6.696011
-570.780262  -98.621746   -1452.163

 COMB    DESIGN ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     11.678256   305.782199     6.908185
522.834808   103.080486    7987.127
 0.25000     11.093370   326.602059     6.908185
486.126843   101.393684    7954.981
 0.50000     10.513373   348.358780     6.908185
486.126843   100.166278    7898.882
 0.75000      9.939190   370.837529     6.908185
486.126843   99.498324    7825.880
 1.00000      9.375710   393.997685     6.908185
486.126843   99.402345    7729.080

 COMB    DESIGN ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -6.753917  -401.095847     -6.696011
-480.271979  -101.417030   -1825.282
 0.25000     -7.310229  -374.742308     -6.696011
-500.177468  -99.914229   -1732.049
 0.50000     -7.899356  -348.866134     -6.696011
-522.205655  -98.943530   -1638.774
 0.75000     -8.515513  -323.482775     -6.696011
-545.905227  -98.547525   -1545.468
 1.00000     -9.159282  -300.935621     -6.696011
-570.780262  -98.621746   -1452.163

 ELEM       30 ================== LENGTH =
 4.967289

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      6.453743   205.339132     3.466423
320.619519    4.395514    3458.035
 0.25000      5.926324   223.483647     3.466423
320.619519    4.156069    3442.027
 0.50000      5.392752   242.519128     3.466423
320.619519    3.923279    3393.857
 0.75000      4.862691   262.248713     3.466423
320.619519    3.696968    3311.460
 1.00000      4.341035   282.325581     3.466423
320.619519    3.484254    3193.803

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -5.045121  -235.208047     -3.260890
-44.865744   -72.644910   -449.529754
 0.25000     -5.493733  -214.835678     -3.260890
-44.865744   -71.359562   -421.668318
 0.50000     -5.969853  -194.405948     -3.260890
-44.865744   -70.752280   -393.806862
 0.75000     -6.468587  -174.289205     -3.260890
-44.865744   -71.055247   -365.945573
 1.00000     -6.981491  -154.706081     -3.260890
-44.865744   -72.329764   -338.084277

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      9.799365   342.025534     4.580659
517.482103   13.376878    5944.770
 0.25000      9.088827   366.014230     4.580659
512.867244   12.520208    5850.777
 0.50000      8.382311   391.128813     4.580659
512.867244   11.663783    5731.363
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 REL DIST            P            V2            V3
    T            M2           M3
 0.75000      7.680500   417.144702     4.580659
512.867244   10.807598    5595.000
 1.00000      6.988749   444.048996     4.580659
512.867244    9.951917    5436.297

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -7.952002  -346.705708     -4.202058
-212.178256  -91.337662   -851.337567
 0.25000     -8.549954  -319.437928     -4.202058
-212.178256  -89.140842   -797.766938
 0.50000     -9.182762  -292.567438     -4.202058
-212.178256  -87.768642   -744.196310
 0.75000     -9.844870  -266.112813     -4.202058
-212.178256  -87.549660   -690.625686
 1.00000    -10.536842  -240.322096     -4.202058
-212.178256  -88.887571   -637.055063

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      9.519496   371.746098     6.387592
533.830606   57.689131    6921.831
 0.25000      8.889469   393.035534     6.387592
533.828101   55.563519    6772.383
 0.50000      8.262498   415.326371     6.387592
533.828101   53.908760    6605.244
 0.75000      7.639699   438.417789     6.387592
533.828101   52.846171    6432.479
 1.00000      7.025873   462.279492     6.387592
533.828101   52.608946    6248.424

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -7.741141  -333.278397     -6.061090
-439.675216  -85.136019   -1146.103
 0.25000     -8.271605  -309.092958     -6.061090
-439.675216  -82.928424   -1072.693
 0.50000     -8.833067  -285.240096     -6.061090
-439.675216  -81.457873   -999.285799
 0.75000     -9.420557  -261.756217     -6.061090
-439.675216  -81.024445   -925.884743
 1.00000    -10.034081  -238.863301     -6.061090
-439.675216  -82.053408   -852.483687

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      0.795030    68.011690     3.495040
58.532142    73.965777    1687.301
 0.25000      0.786351    68.285729     3.495040
57.608465    72.303800    1621.211
 0.50000      0.778223    68.571147     3.495040
56.802989    71.492852    1557.167
 0.75000      0.770147    68.866137     3.495040
56.019378    71.595327    1495.577
 1.00000      0.762163    69.188921     3.495040
55.263805    72.627529    1436.979

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -0.585365   -27.292594     -3.447279
-321.600599   -4.588783   -455.359337
 0.25000     -0.592391   -26.966681     -3.447279
-322.304065   -4.248353   -424.857791
 0.50000     -0.599770   -26.664810     -3.447279
-323.065250   -3.917968   -394.356575
 0.75000     -0.607458   -26.367658     -3.447279
-323.867849   -3.590961   -363.876469
 1.00000     -0.615945   -26.077155     -3.447279
-324.787714   -3.262225   -333.387063

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.471818   170.681362     4.606576
235.401976   95.202699    3810.233
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 REL DIST            P            V2            V3
    T            M2           M3
 0.25000      2.471496   170.691515     4.606576
235.367719   92.531057    3645.991
 0.50000      2.471195   170.702089     4.606576
235.337848   90.795205    3503.370
 0.75000      2.470896   170.713017     4.606576
235.308787   90.239713    3395.105
 1.00000      2.470600   170.724977     4.606576
235.280763   90.885019    3316.487

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.240915   -77.961791     -4.510442
-557.632441   -9.198727   -858.015471
 0.25000     -2.241175   -77.949715     -4.510442
-557.658531   -8.502435   -801.336112
 0.50000     -2.241449   -77.938532     -4.510442
-557.686795   -7.806514   -744.666440
 0.75000     -2.241734   -77.927523     -4.510442
-557.716560   -7.198333   -688.002277
 1.00000     -2.242048   -77.916761     -4.510442
-557.750676   -7.075009   -631.338114

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      7.503515   317.229812     6.395647
513.573974   89.907189    6156.303
 0.25000      7.024710   332.862362     6.395647
474.103076   87.218980    5992.927
 0.50000      6.562627   349.189758     6.395647
438.690076   85.369274    5822.412
 0.75000      6.103583   366.084016     6.395647
404.710442   84.568263    5655.697
 1.00000      5.650530   384.050678     6.395647
372.694684   84.835208    5487.955

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -5.909559  -258.902200     -6.062206
-548.100557   -56.066929   -1148.923
 0.25000     -6.304671  -240.726960     -6.062206
-548.100557   -53.946203   -1074.308
 0.50000     -6.721295  -223.356179     -6.062206
-563.865144   -52.497638   -999.702233
 0.75000     -7.156289  -206.255108     -6.062206
-585.682415   -51.557400   -925.100770
 1.00000     -7.623540  -189.563532     -6.062206
-622.453112   -51.264890   -850.499307

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      5.868585   180.818579     2.894969
355.169538    5.827352    3669.911
 0.25000      5.412092   197.487847     2.894969
358.193012    5.515077    3630.363
 0.50000      4.966903   215.139309     2.894969
361.216485    5.205592    3558.234
 0.75000      4.537343   233.636704     2.894969
364.239958    4.897379    3453.029
 1.00000      4.127780   252.832390     2.894969
367.263432    4.593356    3314.804

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -4.625042  -199.027966     -3.004037
-63.402321   -83.014799   -567.209235
 0.25000     -5.040706  -181.740100     -3.004037
-63.402321   -81.849997   -532.014472
 0.50000     -5.483451  -164.979691     -3.004037
-63.402321   -81.051918   -496.867019
 0.75000     -5.950107  -148.910696     -3.004037
-63.402321   -80.711700   -461.718976
 1.00000     -6.436961  -133.685586     -3.004037
-63.402321   -80.833033   -426.557959
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      8.916059   314.978407     4.108812
553.902345   17.534701    6404.779
 0.25000      8.314958   336.704998     4.108812
548.464339   16.389811    6283.795
 0.50000      7.729650   359.730309     4.108812
543.026333   15.250766    6125.863
 0.75000      7.166517   383.893347     4.108812
537.588327   14.116012    5941.969
 1.00000      6.629318   409.003429     4.108812
532.150322   12.988452    5728.653

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -7.348496  -306.498899     -4.000501
-233.278473  -106.489094   -1076.703
 0.25000     -7.890904  -283.853608     -4.000501
-233.278473  -104.297136   -1009.254
 0.50000     -8.468881  -261.925381     -4.000501
-233.278473  -102.645622   -941.864214
 0.75000     -9.078751  -240.943028     -4.000501
-233.278473  -101.775326   -874.474146
 1.00000     -9.716462  -221.081412     -4.000501
-233.278473  -101.342824   -807.092598

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      8.673757   360.362660     5.876011
576.319725   67.617176    7729.264
 0.25000      8.138568   379.713371     5.876011
571.799325   65.416459    7540.815
 0.50000      7.617428   400.221119     5.876011
567.278926   63.485212    7321.328
 0.75000      7.115999   421.739623     5.876011
562.758527   61.759390    7080.833
 1.00000      6.637640   444.100087     5.876011
558.238127   60.297840    6817.100

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -7.334244  -307.030194     -5.566640
-485.510955  -100.761044   -1445.004
 0.25000     -7.817330  -286.865356     -5.566640
-485.510955   -98.399993   -1352.699
 0.50000     -8.332072  -267.337674     -5.566640
-485.510955   -96.544315   -1260.447
 0.75000     -8.875217  -248.651186     -5.566640
-485.510955   -95.421809   -1168.194
 1.00000     -9.443059  -230.961351     -5.566640
-485.510955   -94.698727   -1075.952

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      0.784248    86.690519     3.229511
73.664006    84.000197    2190.237
 0.25000      0.776900    86.946016     3.229511
72.922059    82.520843    2098.736
 0.50000      0.769800    87.218055     3.229511
72.211538    81.341967    2007.597
 0.75000      0.763005    87.504884     3.229511
71.540661    80.646585    1916.675
 1.00000      0.756572    87.804662     3.229511
70.917220    80.463118    1826.284

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -0.799699   -36.561695     -2.938119
-376.586888   -5.719134   -577.048379
 0.25000     -0.806086   -36.289586     -2.938119
-377.113936   -5.288802   -538.568659
 0.50000     -0.812935   -36.028101     -2.938119
-377.691304   -4.858092   -500.089260
 0.75000     -0.820200   -35.779249     -2.938119
-378.310562   -4.429079   -461.619487
 1.00000     -0.827842   -35.545172     -2.938119
-378.963529   -4.000308   -423.139079
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.399309   198.204468     4.499328
236.374689   108.503472    4652.758
 0.25000      2.399137   198.210424     4.499328
236.357155   105.976449    4463.122
 0.50000      2.398972   198.216767     4.499328
236.340361   103.836911    4279.129
 0.75000      2.398813   198.223455     4.499328
236.324508   102.211183    4114.402
 1.00000      2.398663   198.230446     4.499328
236.309772   101.168098    3964.212

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.543472   -97.923711     -3.982493
-625.392261   -13.842579    -1085.609
 0.25000     -2.543620   -97.917364     -3.982493
-625.404782   -12.854955    -1013.952
 0.50000     -2.543780   -97.911266     -3.982493
-625.418484   -11.977747   -942.309371
 0.75000     -2.543950   -97.905464     -3.982493
-625.433180   -11.348182   -870.650742
 1.00000     -2.544128   -97.900007     -3.982493
-625.448674   -10.726408   -799.017185

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      6.832105   322.767248     6.008378
522.663313   103.408307    7066.039
 0.25000      6.435585   336.824810     6.008378
493.509330   100.752180    6861.814
 0.50000      6.050870   351.757604     6.008378
465.460183   98.441001    6635.810
 0.75000      5.681937   367.466170     6.008378
439.019242   96.593054    6400.914
 1.00000      5.331273   383.834790     6.008378
414.617714   95.268175    6152.585

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -5.777767  -248.720073     -5.457765
-614.574930   -66.307305   -1452.058
 0.25000     -6.128812  -233.905858     -5.457765
-627.915167   -64.137301   -1358.604
 0.50000     -6.504287  -219.622394     -5.457765
-647.580547   -62.247862   -1265.175
 0.75000     -6.901417  -205.989333     -5.457765
-668.994922   -60.821133   -1171.733
 1.00000     -7.317976  -193.124288     -5.457765
-691.669920   -59.529678   -1078.316

 COMB      DB ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      9.799365   371.746098     6.395647
533.830606   95.202699    6921.831
 0.25000      9.088827   393.035534     6.395647
533.828101   92.531057    6772.383
 0.50000      8.382311   415.326371     6.395647
533.828101   90.795205    6605.244
 0.75000      7.680500   438.417789     6.395647
533.828101   90.239713    6432.479
 1.00000      7.025873   462.279492     6.395647
533.828101   90.885019    6248.424

 COMB      DB ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -7.952002  -346.705708     -6.062206
-557.632441   -91.337662   -1148.923
 0.25000     -8.549954  -319.437928     -6.062206
-557.658531   -89.140842   -1074.308
 0.50000     -9.182762  -292.567438     -6.062206
-563.865144   -87.768642   -999.702233
 0.75000     -9.844870  -266.112813     -6.062206
-585.682415   -87.549660   -925.884743
 1.00000    -10.536842  -240.322096     -6.062206
-622.453112   -88.887571   -852.483687
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 COMB      DL ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      8.916059   360.362660     6.008378
576.319725   108.503472    7729.264
 0.25000      8.314958   379.713371     6.008378
571.799325   105.976449    7540.815
 0.50000      7.729650   400.221119     6.008378
567.278926   103.836911    7321.328
 0.75000      7.166517   421.739623     6.008378
562.758527   102.211183    7080.833
 1.00000      6.637640   444.100087     6.008378
558.238127   101.168098    6817.100

 COMB      DL ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -7.348496  -307.030194     -5.566640
-625.392261   -106.489094   -1452.058
 0.25000     -7.890904  -286.865356     -5.566640
-627.915167   -104.297136   -1358.604
```

0.50000	-8.468881	-267.337674	-5.566640
-647.580547	-102.645622	-1265.175	
0.75000	-9.078751	-248.651186	-5.566640
-668.994922	-101.775326	-1171.733	
1.00000	-9.716462	-230.961351	-5.566640
-691.669920	-101.342824	-1078.316	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.799365	371.746098	6.395647
576.319725	108.503472	7729.264	
0.25000	9.088827	393.035534	6.395647
571.799325	105.976449	7540.815	
0.50000	8.382311	415.326371	6.395647
567.278926	103.836911	7321.328	
0.75000	7.680500	438.417789	6.395647
562.758527	102.211183	7080.833	
1.00000	7.025873	462.279492	6.395647
558.238127	101.168098	6817.100	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.952002	-346.705708	-6.062206
-625.392261	-106.489094	-1452.058	
0.25000	-8.549954	-319.437928	-6.062206
-627.915167	-104.297136	-1358.604	
0.50000	-9.182762	-292.567438	-6.062206
-647.580547	-102.645622	-1265.175	
0.75000	-9.844870	-266.112813	-6.062206
-668.994922	-101.775326	-1171.733	
1.00000	-10.536842	-240.322096	-6.062206
-691.669920	-101.342824	-1078.316	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.799365	371.746098	6.395647
576.319725	108.503472	7729.264	
0.25000	9.088827	393.035534	6.395647
571.799325	105.976449	7540.815	
0.50000	8.382311	415.326371	6.395647
567.278926	103.836911	7321.328	
0.75000	7.680500	438.417789	6.395647
562.758527	102.211183	7080.833	
1.00000	7.025873	462.279492	6.395647
558.238127	101.168098	6817.100	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.952002	-346.705708	-6.062206
-625.392261	-106.489094	-1452.058	
0.25000	-8.549954	-319.437928	-6.062206
-627.915167	-104.297136	-1358.604	
0.50000	-9.182762	-292.567438	-6.062206
-647.580547	-102.645622	-1265.175	
0.75000	-9.844870	-266.112813	-6.062206
-668.994922	-101.775326	-1171.733	
1.00000	-10.536842	-240.322096	-6.062206
-691.669920	-101.342824	-1078.316	

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ELEM 31 ========== LENGTH = 4.967072

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.453266	237.008350	1.203840
405.704597	3.906418	3194.616	
0.25000	4.878021	255.919110	1.203840
405.704597	3.593145	3098.674	
0.50000	4.291225	275.834107	1.203840
405.704597	3.281780	2971.156	
0.75000	3.701695	296.578163	1.203840
405.704597	2.975010	2815.037	
1.00000	3.113107	317.800665	1.203840
405.704597	2.672110	2620.601	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.775733	-199.395577	-3.896691
-43.720784	-76.636682	-338.189281	
0.25000	-6.256087	-177.617655	-3.896691
-43.720784	-73.588465	-310.014138	
0.50000	-6.766354	-155.580185	-3.896691
-43.720784	-71.060119	-281.839065	
0.75000	-7.302514	-133.629437	-3.896691
-43.720784	-69.188397	-253.664141	
1.00000	-7.856421	-111.959891	-3.896691
-43.720784	-67.808211	-225.489217	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.860053	399.035162	1.897528
623.798338	10.366041	5437.070	
0.25000	7.090204	423.911061	1.897528
618.960855	9.406639	5206.074	
0.50000	6.318478	450.091010	1.897528
618.960855	8.447307	4948.489	
0.75000	5.542539	477.384494	1.897528
618.960855	7.487574	4673.982	
1.00000	4.766118	505.769274	1.897528
618.960855	6.528637	4379.643	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.442408	-282.943084	-4.901402
-204.164658	-95.238381	-637.189979	
0.25000	-10.077795	-253.939875	-4.901402
-204.164658	-91.291025	-583.258902	
0.50000	-10.752041	-225.098331	-4.901402
-204.164658	-87.817186	-529.327828	
0.75000	-11.460884	-196.345707	-4.901402
-204.164658	-85.217752	-475.396760	
1.00000	-12.205019	-167.894724	-4.901402
-204.164658	-83.206309	-421.465691	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.210026	444.821640	4.371296
608.104274	57.389302	6248.472	
0.25000	6.527197	466.903770	4.371296
607.965772	54.265465	5938.532	
0.50000	5.842135	490.144217	4.371296
607.965772	51.358933	5609.033	
0.75000	5.153360	514.372162	4.371296
607.965772	48.830122	5268.375	
1.00000	4.464229	539.549209	4.371296
607.965772	46.622625	4918.254	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.883891	-273.873664	-5.263053
-487.455667	-87.678971	-852.534650	
0.25000	-10.447770	-248.142875	-5.263053
-487.455667	-83.921416	-779.013646	
0.50000	-11.046163	-222.534211	-5.263053
-487.455667	-80.630763	-705.503794	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	-11.675246	-197.005550	-5.263053
-487.455667	-78.104965	-631.996448	
1.00000	-12.335150	-171.747555	-5.263053
-487.455667	-76.116448	-558.489101	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.196803	92.772551	4.245834
58.983189	78.437358	1435.929	
0.25000	0.187607	93.051550	4.245834
58.024958	74.895138	1328.297	
0.50000	0.178939	93.345238	4.245834
57.187571	71.806319	1221.947	
0.75000	0.170196	93.652244	4.245834
56.352342	69.408847	1116.282	
1.00000	0.161396	93.990671	4.245834
55.521712	67.608735	1013.378	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.256837	-26.596484	-1.114082
-418.498443	-4.211052	-333.262932	
0.25000	-1.264106	-26.254932	-1.114082
-419.184050	-3.764297	-303.113585	
0.50000	-1.271810	-25.936715	-1.114082
-419.922398	-3.322994	-272.974587	
0.75000	-1.279921	-25.618360	-1.114082
-420.705817	-2.877052	-242.835589	
1.00000	-1.288924	-25.301339	-1.114082
-421.656148	-2.426736	-212.696591	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.028663	220.027294	5.485735
241.216103	98.211941	3315.179	
0.25000	1.028322	220.037630	5.485735
241.180565	93.436807	3061.903	
0.50000	1.028001	220.048510	5.485735
241.149512	89.154055	2824.689	
0.75000	1.027677	220.059884	5.485735
241.118539	85.655090	2613.122	
1.00000	1.027351	220.072423	5.485735
241.087734	82.878694	2435.446	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.890701	-58.687086	-1.685860
-665.322547	-7.985471	-631.201444	
0.25000	-3.890970	-58.674432	-1.685860
-665.347974	-7.392738	-574.943421	
0.50000	-3.891256	-58.662643	-1.685860
-665.375356	-6.908891	-518.703151	
0.75000	-3.891556	-58.650850	-1.685860
-665.404409	-6.510286	-462.462882	
1.00000	-3.891890	-58.639105	-1.685860
-665.439696	-6.111391	-406.222613	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.354339	386.705530	5.756355
571.009772	91.573973	5487.039	
0.25000	4.841339	402.771545	5.756355
529.631965	86.962251	5180.388	
0.50000	4.342502	419.684528	5.756355
492.190591	82.791419	4863.224	
0.75000	3.840146	437.339369	5.756355
455.373494	79.322919	4544.488	
1.00000	3.336142	456.235806	5.756355
424.187732	76.497909	4227.118	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.019857	-212.856125	-3.925461
-641.200150	-57.139752	-850.447218	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-8.434189	-193.663672	-3.925461
-641.200150	-53.954769	-776.024864	
0.50000	-8.873681	-175.180307	-3.925461
-641.200150	-51.397181	-701.618095	
0.75000	-9.336042	-156.722238	-3.925461
-656.464766	-49.012613	-627.211325	
1.00000	-9.835089	-138.404694	-3.925461
-678.188810	-47.031724	-552.804555	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.775178	217.883160	1.158335
497.766282	5.120675	3316.023	
0.25000	4.339180	236.117040	1.158335
500.789639	4.707111	3196.490	
0.50000	3.914365	255.434853	1.158335
503.812997	4.297566	3043.507	
0.75000	3.504732	275.729566	1.158335
506.836354	3.886498	2856.610	
1.00000	3.114462	296.836576	1.158335
509.859711	3.480265	2635.980	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.441208	-164.941141	-3.726573
-54.168845	-85.383324	-426.691616	
0.25000	-5.898871	-148.524730	-3.726573
-54.168845	-81.933178	-391.172981	
0.50000	-6.386603	-132.609530	-3.726573
-54.168845	-78.625887	-355.633522	
0.75000	-6.901964	-117.352724	-3.726573
-54.168845	-75.594021	-320.151967	
1.00000	-7.441414	-102.949236	-3.726573
-54.168845	-72.892329	-284.556668	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.071349	384.262163	2.005876
714.325722	13.562550	5729.991	
0.25000	6.497736	407.907312	2.005876
708.887925	12.350644	5473.494	
0.50000	5.939046	433.005985	2.005876
703.450128	11.144482	5173.790	
0.75000	5.400487	459.438836	2.005876
698.012331	9.937582	4844.379	
1.00000	4.887092	487.005451	2.005876
692.574534	8.732303	4488.864	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.044248	-249.627430	-4.795961
-226.220951	-107.096582	-807.159569	
0.25000	-9.638485	-228.089563	-4.795961
-226.220951	-102.311925	-739.325740	
0.50000	-10.273093	-207.217645	-4.795961
-226.220951	-97.758702	-671.515284	
0.75000	-10.945388	-187.213540	-4.795961
-226.220951	-93.478481	-603.752133	
1.00000	-11.651177	-168.308773	-4.795961
-226.220951	-89.310275	-535.904573	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.528264	455.747257	4.439878
706.501614	65.333689	6817.452	
0.25000	6.017560	476.810878	4.439878
701.981388	61.638401	6463.571	
0.50000	5.520131	499.167676	4.439878
697.461162	58.174455	6072.204	
0.75000	5.040624	522.710659	4.439878
692.940936	54.788408	5656.235	
1.00000	4.583569	547.260841	4.439878
688.420710	51.646348	5219.957	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.707851	-252.622421	-5.191181
-569.054496	-100.261850	-1075.914	
0.25000	-10.237186	-233.444647	-5.191181
-569.054496	-95.551274	-983.507285	
0.50000	-10.802428	-214.859562	-5.191181
-569.054496	-91.054237	-891.121727	
0.75000	-11.401184	-197.047057	-5.191181
-569.054496	-86.805374	-798.825393	
1.00000	-12.029807	-180.214057	-5.191181
-569.054496	-82.731212	-706.390526	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.165186	125.807347	4.122492
73.208367	87.207941	1824.921	
0.25000	0.158196	126.079976	4.122492
72.442087	83.174500	1685.089	
0.50000	0.151403	126.372058	4.122492
71.691032	79.235265	1544.899	
0.75000	0.144858	126.682550	4.122492
70.963574	75.605840	1404.561	
1.00000	0.138626	127.009607	4.122492
70.268827	72.389802	1264.548	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.595265	-35.368701	-1.167194
-541.837821	-5.210303	-422.984525	
0.25000	-1.602150	-35.108885	-1.167194
-542.326681	-4.649412	-384.934095	
0.50000	-1.609570	-34.857407	-1.167194
-542.881530	-4.087815	-346.889527	
0.75000	-1.617515	-34.616435	-1.167194
-543.499222	-3.526670	-308.853596	
1.00000	-1.625941	-34.388475	-1.167194
-544.172397	-2.958078	-270.833579	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.152833	271.306019	5.467607
218.267305	109.452167	3962.557	
0.25000	1.152669	271.312371	5.467607
218.249215	103.992242	3673.827	
0.50000	1.152511	271.319179	5.467607
218.231487	98.733480	3385.432	
0.75000	1.152358	271.326417	5.467607
218.214314	93.788476	3112.903	
1.00000	1.152213	271.334043	5.467607
218.197909	89.320868	2858.956	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.347381	-81.584238	-1.843167
-810.835706	-11.112160	-798.749353	
0.25000	-4.347542	-81.578178	-1.843167
-810.847336	-10.279869	-727.578109	
0.50000	-4.347715	-81.572311	-1.843167
-810.860527	-9.450211	-656.409297	
0.75000	-4.347900	-81.566691	-1.843167
-810.875189	-8.628693	-585.255801	
1.00000	-4.348096	-81.561373	-1.843167
-810.891186	-7.805635	-514.117508	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.864257	418.073317	5.795345
587.585436	102.873760	6151.729	
0.25000	4.486481	433.224634	5.795345
557.028261	97.548734	5796.251	
0.50000	4.119044	449.381197	5.795345
526.467797	92.401873	5413.080	
0.75000	3.764811	466.475369	5.795345
496.927505	87.539913	5017.094	
1.00000	3.427095	484.390573	5.795345
468.940009	83.113532	4611.080	

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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.100342	-207.820619	-3.960924
-776.726242	-64.978982	-1078.114	
0.25000	-8.481975	-193.708344	-3.960924
-776.760366	-61.512287	-984.900854	
0.50000	-8.891560	-180.039208	-3.960924
-787.230528	-58.108420	-891.700065	
0.75000	-9.327542	-166.938690	-3.960924
-807.833895	-54.758457	-798.526818	
1.00000	-9.787692	-154.551213	-3.960924
-830.491996	-51.313821	-705.391260	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.860053	444.821640	5.756355
623.798338	98.211941	6248.472	
0.25000	7.090204	466.903770	5.756355
618.960855	93.436807	5938.532	
0.50000	6.318478	490.144217	5.756355
618.960855	89.154055	5609.033	
0.75000	5.542539	514.372162	5.756355
618.960855	85.655090	5268.375	
1.00000	4.766118	539.549209	5.756355
618.960855	82.878694	4918.254	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.883891	-282.943084	-5.263053
-665.322547	-95.238381	-852.534650	
0.25000	-10.447770	-253.939875	-5.263053
-665.347974	-91.291025	-779.013646	
0.50000	-11.046163	-225.098331	-5.263053
-665.375356	-87.817186	-705.503794	
0.75000	-11.675246	-197.005550	-5.263053
-665.404409	-85.217752	-631.996448	
1.00000	-12.335150	-171.747555	-5.263053
-678.188810	-83.206309	-558.489101	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.071349	455.747257	5.795345
714.325722	109.452167	6817.452	
0.25000	6.497736	476.810878	5.795345
708.887925	103.992242	6463.571	
0.50000	5.939046	499.167676	5.795345
703.450128	98.733480	6072.204	
0.75000	5.400487	522.710659	5.795345
698.012331	93.788476	5656.235	
1.00000	4.887092	547.260841	5.795345
692.574534	89.320868	5219.957	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.707851	-252.622421	-5.191181
-810.835706	-107.096582	-1078.114	
0.25000	-10.237186	-233.444647	-5.191181
-810.847336	-102.311925	-984.900854	
0.50000	-10.802428	-214.859562	-5.191181
-810.860527	-97.758702	-891.700065	
0.75000	-11.401184	-197.047057	-5.191181
-810.875189	-93.478481	-798.825393	
1.00000	-12.029807	-180.214057	-5.191181
-830.491996	-89.310275	-706.390526	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.860053	455.747257	5.795345
714.325722	109.452167	6817.452	
0.25000	7.090204	476.810878	5.795345
708.887925	103.992242	6463.571	
0.50000	6.318478	499.167676	5.795345
703.450128	98.733480	6072.204	
0.75000	5.542539	522.710659	5.795345
698.012331	93.788476	5656.235	
1.00000	4.887092	547.260841	5.795345
692.574534	89.320868	5219.957	

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COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.883891	-282.943084	-5.263053
-810.835706	-107.096582	-1078.114	
0.25000	-10.447770	-253.939875	-5.263053
-810.847336	-102.311925	-984.900854	
0.50000	-11.046163	-225.098331	-5.263053
-810.860527	-97.758702	-891.700065	
0.75000	-11.675246	-197.047057	-5.263053
-810.875189	-93.478481	-798.825393	
1.00000	-12.335150	-180.214057	-5.263053
-830.491996	-89.310275	-706.390526	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.860053	455.747257	5.795345
714.325722	109.452167	6817.452	
0.25000	7.090204	476.810878	5.795345
708.887925	103.992242	6463.571	
0.50000	6.318478	499.167676	5.795345
703.450128	98.733480	6072.204	
0.75000	5.542539	522.710659	5.795345
698.012331	93.788476	5656.235	
1.00000	4.887092	547.260841	5.795345
692.574534	89.320868	5219.957	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.883891	-282.943084	-5.263053
-810.835706	-107.096582	-1078.114	
0.25000	-10.447770	-253.939875	-5.263053
-810.847336	-102.311925	-984.900854	
0.50000	-11.046163	-225.098331	-5.263053

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-810.860527  -97.758702 -891.700065
 0.75000   -11.675246  -197.047057     -5.263053
-810.875189  -93.478481 -798.825393
 1.00000   -12.335150  -180.214057     -5.263053
-830.491996  -89.310275 -706.390526

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 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    3.953062   279.606537    0.338335
466.449722    3.055138    2621.637
 0.25000    3.266038   300.443826    0.338335
466.449722    2.637053    2435.026
 0.50000    2.625452   322.727980    0.338335
466.449722    2.219033    2207.592
 0.75000    1.969161   346.315893    0.338335
466.449722    1.801218    1934.385
 1.00000    1.301857   370.907983    0.338335
466.449722    1.382297    1611.239

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -7.000193  -144.717182    -6.259787
-40.812261  -71.203119  -225.573937
 0.25000   -7.545924  -119.285121    -6.259787
-40.812261  -63.524314  -196.684013
 0.50000   -8.133452   -95.610366    -6.259787
-40.812261  -55.947847  -167.794089
 0.75000   -8.759680   -71.508488    -6.259787
-40.812261  -48.549189  -138.904165
 1.00000   -9.417728   -47.206362    -6.259787
-40.812261  -41.221354  -110.035640

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.492216   469.008433    0.827273
689.771778    6.941001    4380.579
 0.25000    4.583780   496.287739    0.827273
689.771778    5.913835    4008.089
 0.50000    3.744358   525.399425    0.827273
689.771778    4.887094    3586.036
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 REL DIST          P          V2          V3
    T          M2         M3
 0.75000    2.885368   556.188996    0.827273
689.771778    4.132122    3116.190
 1.00000    2.011539   588.752509    0.827273
689.771778    3.530449    2619.067

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -11.606610  -202.220165    -7.663825
-187.164857  -88.184654  -421.570570
 0.25000  -12.323555  -168.588574    -7.663825
-187.164857  -76.658385  -366.937803
 0.50000  -13.093569  -137.651094    -7.663825
-187.164857  -68.614685  -312.305036
 0.75000  -13.913449  -106.167233    -7.663825
-187.164857  -59.820316  -257.672269
 1.00000  -14.786897   -74.442138    -7.663825
-187.164857  -51.258678  -203.063606

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.091096   525.573777    4.865829
670.684388   50.821749    4918.252
 0.25000    4.284885   549.794952    4.865829
670.684388   44.904892    4453.688
 0.50000    3.539587   575.645730    4.865829
670.684388   38.998155    3946.026
 0.75000    2.776898   602.987530    4.865829
670.684388   33.480548    3398.661
 1.00000    2.001038   631.884788    4.865829
670.684388   28.119639    2833.084

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -12.617612  -199.646241    -7.064283
-506.132858  -80.497137  -558.525927
 0.25000  -13.254078  -169.799301    -7.064283
-506.132858  -71.843687  -485.109157
 0.50000  -13.937734  -142.327597    -7.064283
-506.132858  -62.845762  -411.692386
 0.75000  -14.665699  -114.370219    -7.064283
-506.132858  -54.841796  -338.275616
 1.00000  -15.440719   -86.197881    -7.064283
-506.132858  -47.038508  -264.880415

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    0.192230   110.606839    6.722861
55.828418   72.483291    1012.099
 0.25000    0.181815   110.907544    6.722861
54.430856   64.265664   877.572783
 0.50000    0.172525   111.226709    6.722861
53.493821   56.086065   742.561183
 0.75000    0.163028   111.563120    6.722861
52.549628   48.091015   607.802778
 1.00000    0.153382   111.938240    6.722861
51.597025   40.251987   472.773848

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -2.151373   -25.096695    -0.451237
-483.931185   -3.341733  -212.598335
 0.25000   -2.159378   -24.710922    -0.451237
-484.449303   -2.764535  -183.566167
 0.50000   -2.167921   -24.371583    -0.451237
-485.218344   -2.184993  -154.533999
 0.75000   -2.176980   -24.026727    -0.451237
-486.086247   -1.604709  -125.501830
 1.00000   -2.187126   -23.679201    -0.451237
-487.099013   -1.025909   -96.469769

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    0.574733   261.524420    8.363944
233.224826   89.129485    2433.730
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 REL DIST          P          V2          V3
    T          M2         M3
 0.25000    0.574347   261.535560    8.363944
233.172947   78.898218    2114.442
 0.50000    0.574003   261.547383    8.363944
233.138252   68.755232    1799.802
 0.75000    0.573651   261.559846    8.363944
233.103247   59.081172    1497.847
 1.00000    0.573294   261.573743    8.363944
233.067929   49.685001    1235.534

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.681339   -44.199907    -0.731642
-727.701712   -6.698881  -406.110608
 0.25000   -5.681636   -44.185615    -0.731642
-727.720926   -6.206513  -351.322976
 0.50000   -5.681952   -44.173044    -0.731642
-727.749625   -5.712633  -296.535344
 0.75000   -5.682288   -44.160269    -0.731642
-727.781806   -5.220956  -241.747712
 1.00000   -5.682664   -44.147395    -0.731642
-727.819361   -4.737427  -186.960085

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    3.790982   455.496547    7.780243
584.819302   82.259444    4225.877
 0.25000    3.197819   472.968611    7.780243
537.629567   72.736267    3792.488
 0.50000    2.659165   491.568874    7.780243
508.234145   63.289853    3328.969
 0.75000    2.108038   511.208682    7.780243
476.379359   54.298197    2839.558
 1.00000    1.547973   532.520631    7.780243
454.687825   45.577250    2349.260

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -10.589032  -159.777592    -4.489190
-692.293915  -52.005377  -552.759095
 0.25000  -11.051063  -137.810537    -4.489190
-692.293915  -46.374194  -479.266574
 0.50000  -11.545864  -118.041377    -4.489190
-692.293915  -40.163079  -405.774053
 0.75000  -12.071641   -97.936320    -4.489190
-705.495575  -33.885693  -332.281532
 1.00000  -12.645640   -77.669090    -4.489190
-731.193001  -27.734924  -258.800030

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    3.595732   269.628293    0.435307
598.237530    3.941293    2637.425
 0.25000    3.172849   290.656622    0.435307
601.261358    3.401248    2418.774
 0.50000    2.758739   313.131515    0.435307
604.285186    2.861818    2164.408
 0.75000    2.358284   336.910507    0.435307
607.309014    2.322497    1872.795
 1.00000    1.977430   361.829520    0.435307
610.332826    1.785473    1543.100

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -6.819561  -125.973054    -6.428669
-50.739924  -75.983461  -284.664952
 0.25000   -7.361047  -110.215550    -6.428669
-50.739924  -68.195262  -248.219620
 0.50000   -7.942963   -94.837514    -6.428669
-50.739924  -60.405016  -211.765147
 0.75000   -8.562179   -80.095442    -6.428669
-50.739924  -52.614568  -175.321472
 1.00000   -9.215134   -66.152676    -6.428669
-50.739924  -44.910788  -138.862103
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 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.312536   473.694984    1.064925
819.032589    9.475028    4490.396
 0.25000    4.753959   500.829104    1.064925
813.593945    8.352948    4073.710
 0.50000    4.207886   529.850247    1.064925
808.155301    7.246276    3612.498
 0.75000    3.680736   560.588024    1.064925
802.716657    6.146157    3106.757
 1.00000    3.179739   592.833686    1.064925
797.278043    5.051508    2572.768

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -11.616935  -192.454137    -7.898049
-210.431807  -93.846190  -535.903886
 0.25000  -12.316776  -171.653268    -7.898049
-210.431807  -83.980463  -466.810025
 0.50000  -13.069276  -151.391866    -7.898049
-210.431807  -74.424359  -397.782831
 0.75000  -13.870594  -131.996205    -7.898049
-210.431807  -64.892510  -328.746225
 1.00000  -14.716934  -113.665159    -7.898049
-210.431807  -55.362880  -259.714357

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.028739   561.903135    5.276241
801.772754   56.049458    5220.312
 0.25000    4.531508   586.079478    5.276241
797.251825   49.743914    4691.326
 0.50000    4.045369   611.936437    5.276241
792.730895   43.492790    4123.063
 0.75000    3.576044   639.321728    5.276241
788.209965   37.251725    3515.549
 1.00000    3.130036   668.049254    5.276241
783.689060   31.040014    2885.648

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -13.090131  -199.730334    -7.469167
-615.221756  -87.205814  -706.303979
 0.25000  -13.713650  -181.213159    -7.469167
-615.221756  -77.989961  -613.717826
 0.50000  -14.384068  -163.174913    -7.469167
-615.221756  -68.983343  -521.191091
 0.75000  -15.097949  -145.906468    -7.469167
-615.221756  -59.999202  -428.656018
 1.00000  -15.851909  -129.585448    -7.469167
-615.221756  -51.029508  -336.124517

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    0.211879   150.443870    7.056294
69.284121   77.833418    1262.932
 0.25000    0.204964   150.750784    7.056294
68.439776   69.142205    1092.958
 0.50000    0.198250   151.080602    7.056294
67.618057   60.529490   922.738572
 0.75000    0.191813   151.431397    7.056294
66.829928   51.915396   752.048880
 1.00000    0.185728   151.800914    7.056294
66.085782   43.378270   580.941408

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -2.691866   -33.664270    -0.570018
-645.140695   -4.129244  -270.712912
 0.25000   -2.699827   -33.407737    -0.570018
-645.666888   -3.399951  -233.977549
 0.50000   -2.708426   -33.159594    -0.570018
-646.263526   -2.663935  -197.241448
 0.75000   -2.717624   -32.922884    -0.570018
-646.923083   -1.929248  -160.505404
 1.00000   -2.727370   -32.700678    -0.570018
-647.637653   -1.199146  -123.770506
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 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    0.953940   330.469646    8.831073
205.730561   96.271550    2856.923
 0.25000    0.953778   330.476794    8.831073
205.710646   85.592286    2490.035
 0.50000    0.953622   330.484476    8.831073
205.691271   75.020148    2125.034
 0.75000    0.953471   330.492647    8.831073
205.672693   64.437061    1763.843
 1.00000    0.953329   330.501256    8.831073
205.655152   53.930689    1424.639

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -6.667083   -70.659818    -0.977281
-922.494683   -8.656482  -513.855311
 0.25000   -6.667268   -70.653831    -0.977281
-922.507211   -7.680474  -444.478298
 0.50000   -6.667468   -70.648040    -0.977281
-922.521376   -6.719858  -375.101352
 0.75000   -6.667683   -70.642517    -0.977281
-922.537019   -5.763965  -305.724461
 1.00000   -6.667910   -70.637333    -0.977281
-922.553954   -4.814573  -236.340663

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    3.820118   510.350748    8.290309
624.220844   89.535122    4609.974
 0.25000    3.449573   527.575454    8.290309
590.814175   79.523552    4110.221
 0.50000    3.088018   546.041474    8.290309
556.428502   69.611146    3582.515
 0.75000    2.740525   565.640765    8.290309
523.125478   59.689905    3027.565
 1.00000    2.411176   586.242794    8.290309
491.649024   49.838771    2462.738

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -11.284796  -169.700836    -4.767932
-871.594721  -56.398335  -705.158754
 0.25000  -11.730235  -155.916969    -4.767932
-871.585449  -49.603774  -612.474168
 0.50000  -12.210267  -142.536072    -4.767932
-875.101641  -42.707158  -519.775164
 0.75000  -12.722686  -129.759818    -4.767932
-898.288968  -35.846871  -427.100257
 1.00000  -13.264727  -117.713848    -4.767932
-923.925353  -29.779382  -334.426131

 COMB       DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.492216   525.573777    8.363944
689.771778   89.129485    4918.252
 0.25000    4.583780   549.794952    8.363944
689.771778   78.898218    4453.688
 0.50000    3.744358   575.645730    8.363944
689.771778   68.755232    3946.026
 0.75000    2.885368   602.987530    8.363944
689.771778   59.081172    3398.661
 1.00000    2.011539   631.884788    8.363944
689.771778   49.685001    2833.084

 COMB       DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -12.617612  -202.220165    -7.663825
-727.701712   -88.184654  -558.525927
 0.25000  -13.254078  -169.799301    -7.663825
-727.720926   -78.658385  -485.109157
 0.50000  -13.937734  -142.327597    -7.663825
-727.749625   -68.614685  -411.692386
 0.75000  -14.665699  -114.370219    -7.663825
-727.781806   -59.820316  -338.275616
 1.00000  -15.440719   -86.197881    -7.663825
-731.193001   -51.258678  -264.880415
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 COMB       DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.312536   561.903135    8.831073
819.032589   96.271550    5220.312
 0.25000    4.753959   586.079478    8.831073
813.593945   85.592286    4691.326
 0.50000    4.207886   611.936437    8.831073
808.155301   75.020148    4123.063
 0.75000    3.680736   639.321728    8.831073
802.716657   64.437061    3515.549
 1.00000    3.179739   668.049254    8.831073
797.278043   53.930689    2885.648

 COMB       DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -13.090131  -199.730334    -7.898049
-922.494683  -93.846190  -706.303979
 0.25000  -13.713650  -181.213159    -7.898049
-922.507211  -83.980463  -613.717826
 0.50000  -14.384068  -163.174913    -7.898049
-922.521376  -74.424359  -521.191091
 0.75000  -15.097949  -145.906468    -7.898049
-922.537019  -64.892510  -428.656018
 1.00000  -15.851909  -129.585448    -7.898049
-923.925353  -55.362880  -336.124517

 COMB       CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.492216   561.903135    8.831073
819.032589   96.271550    5220.312
 0.25000    4.753959   586.079478    8.831073
813.593945   85.592286    4691.326
 0.50000    4.207886   611.936437    8.831073
808.155301   75.020148    4123.063
 0.75000    3.680736   639.321728    8.831073
802.716657   64.437061    3515.549
 1.00000    3.179739   668.049254    8.831073
797.278043   53.930689    2885.648

 COMB       CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -13.090131  -202.220165    -7.898049
-922.494683  -93.846190  -706.303979
 0.25000  -13.713650  -181.213159    -7.898049
-922.507211  -83.980463  -613.717826
 0.50000  -14.384068  -163.174913    -7.898049
-922.521376  -74.424359  -521.191091
 0.75000  -15.097949  -145.906468    -7.898049
-922.537019  -64.892510  -428.656018
 1.00000  -15.851909  -129.585448    -7.898049
-923.925353  -55.362880  -336.124517

 COMB       DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.492216   561.903135    8.831073
819.032589   96.271550    5220.312
 0.25000    4.753959   586.079478    8.831073
813.593945   85.592286    4691.326
 0.50000    4.207886   611.936437    8.831073
808.155301   75.020148    4123.063
 0.75000    3.680736   639.321728    8.831073
802.716657   64.437061    3515.549
 1.00000    3.179739   668.049254    8.831073
797.278043   53.930689    2885.648

 COMB       DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -13.090131  -202.220165    -7.898049
-922.494683  -93.846190  -706.303979
 0.25000  -13.713650  -181.213159    -7.898049
-922.507211  -83.980463  -613.717826
 0.50000  -14.384068  -163.174913    -7.898049
-922.521376  -74.424359  -521.191091
 0.75000  -15.097949  -145.906468    -7.898049
-922.537019  -64.892510  -428.656018
 1.00000  -15.851909  -129.585448    -7.898049
-923.925353  -55.362880  -336.124517
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 4.470768

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    1.389739   360.709245    0.260498
438.504893    1.626756    1612.126
 0.25000    1.009606   383.595408    0.260498
438.504893    1.338140    1285.765
 0.50000    0.721985   407.948599    0.260498
438.504893    1.051334   911.520608
 0.75000    0.721932   433.619753    0.260498
438.504893    0.766246   484.317663
 1.00000    0.721932   460.353116    0.260498
438.504893    0.493516    0.031309

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -9.169585   -52.331071    -6.864059
-33.763768  -41.138166  -110.104586
 0.25000   -9.767401   -37.993511    -6.864059
-33.763768  -33.547165   -82.572831
 0.50000  -10.405891   -25.530631    -6.864059
-33.763768  -25.998107   -55.041076
 0.75000  -11.081719   -24.630659    -6.864059
-33.763768  -18.519280   -27.507054
 1.00000  -11.788885   -24.630659    -6.864059
-33.763768  -11.696378    -0.672320

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    2.290789   586.069532    0.591537
597.202392    4.549791    2619.854
 0.25000    1.730916   615.913880    0.591537
597.202392    4.265378    2064.935
 0.50000    1.290543   647.631834    0.591537
597.202392    3.980996    1447.521
 0.75000    1.234928   681.055627    0.591537
597.202392    3.697610   761.122204
 1.00000    1.234928   716.099196    0.591537
597.202392    3.980301    0.229304

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000  -14.869770   -88.369140    -8.424678
-159.192685  -50.353889  -203.147665
 0.25000   -15.650301   -67.048423    -8.424678
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-159.192685  -41.368586 -152.353170
 0.50000    -16.482819   -50.380296     -8.424678
-159.192685  -32.444881 -101.558676
 0.75000    -17.363656   -45.443290     -8.424678
-159.192685  -23.679844  -50.761285
 1.00000    -18.291323   -45.443290     -8.424678
-164.115052  -15.839377   -0.911041

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     2.368132   633.623130     5.009508
579.637099   30.372777    2832.908
 0.25000     1.873681   660.126803     5.009508
579.637099   25.219247    2213.632
 0.50000     1.483074   688.296048     5.009508
579.637099   20.092174    1538.859
 0.75000     1.438394   717.980738     5.009508
579.637099   15.014096   802.819756
 1.00000     1.438394   749.093830     5.009508
579.637099   10.797874    0.628903

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -15.907849   -97.085514    -7.667492
-456.473497  -46.039016 -264.911483
 0.25000   -16.600969   -78.263876    -7.667492
-456.473497  -38.034072 -198.678562
 0.50000   -17.340302   -63.479364    -7.667492
-456.473497  -30.087063 -132.445641
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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000   -18.122560   -59.256353    -7.667492
-456.473497  -22.275673   -66.210144
 1.00000   -18.946153   -59.256353    -7.667492
-457.631920  -15.282828   -0.879679

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.356307   105.299605     7.233693
46.159519   41.773693   471.395942
 0.25000     0.347586   105.623754     7.233693
44.266138   33.757599   354.791600
 0.50000     0.342339   105.967561     7.233693
43.550288   25.818629   237.506721
 0.75000     0.337244   106.329239     7.233693
42.775374   17.975289   119.473387
 1.00000     0.337244   106.718821     7.233693
41.927166   10.805013    0.632431

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -2.404856   -22.303759    -0.334049
-457.350502   -1.795612   -96.394980
 0.25000    -2.413372   -21.964295    -0.334049
-458.005767   -1.405016   -72.299587
 0.50000    -2.422435   -21.765761    -0.334049
-458.893372   -1.021743   -48.204195
 0.75000    -2.432004   -21.560916    -0.334049
-459.841942   -0.649743   -24.108802
 1.00000    -2.442344   -21.558144    -0.334049
-460.882951   -0.298243   -0.022539

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.778991   275.753827     8.873865
155.472045   52.414386    1233.750
 0.25000     0.778668   275.765834     8.873865
155.401599   42.962527   925.582736
 0.50000     0.778473   275.778570     8.873865
155.375058   33.575617   617.390017
 0.75000     0.778284   275.791968     8.873865
155.346328   24.277511   309.169573
 1.00000     0.778284   275.806401     8.873865
155.314881   15.782211    0.921801

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -6.656156   -41.823888    -0.518371
-672.840535   -3.957932 -186.873616
 0.25000    -6.656471   -41.811303    -0.518371
-672.864986   -3.703310 -140.158292
 0.50000    -6.656807   -41.803947    -0.518371
-672.897892   -3.449899   -93.442969
 0.75000    -6.657161   -41.796357    -0.518371
-672.933056   -3.206684   -46.727645
 1.00000    -6.657544   -41.796243    -0.518371
-672.971649   -3.003703   -0.179985

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     2.149073   525.007944     8.142459
450.595383   48.236589    2347.877
 0.25000     1.719338   543.987923     8.142459
420.473919   39.600228    1824.782
 0.50000     1.426296   564.143827     8.142459
386.843859   31.021428    1261.895
 0.75000     1.265655   585.365741     8.142459
373.200826   23.584952   655.150029
 1.00000     1.265668   607.907797     8.142459
373.200826   17.251121    1.004037

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -13.023047   -92.974778    -4.866666
-635.925415  -29.159556 -258.766592
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 REL DIST            P            V2           V3
    T          M2           M3
 0.25000   -13.520531   -76.404149    -4.866666
-637.233749  -22.905084 -194.073892
 0.50000   -14.050646   -65.313942    -4.866666
-665.010836  -17.914504 -129.381191
 0.75000   -14.610959   -57.879030    -4.866666
-694.199097  -13.138253   -64.686714
 1.00000   -15.208460   -57.879030    -4.866666
-725.941647   -9.067843   -0.527144

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     1.996748   364.769668     0.325756
567.971086   2.070283    1544.538
 0.25000     1.655772   388.537836     0.325756
570.692374   1.707712    1209.762
 0.50000     1.324720   413.696191     0.325756
573.413644   1.347315   841.394180
 0.75000     1.008201   440.125606     0.325756
576.134914   1.040434   438.180979
 1.00000     0.986889   467.676441     0.325756
578.560812   0.774163    0.037103

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -9.289163   -72.828557    -6.555117
-42.584812   -43.836364 -138.948857
 0.25000    -9.903542   -59.899474    -6.555117
-42.584812   -36.582217 -104.210692
 0.50000   -10.555568   -47.410140    -6.555117
-42.584812   -29.328711   -69.502251
 0.75000   -11.242829   -35.511254    -6.555117
-42.584812   -22.164650   -34.734887
 1.00000   -11.962255   -33.889554    -6.555117
-42.289440   -15.245759   -0.801713

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     3.117687   616.927284     0.733920
743.244075   5.767405    2574.217
 0.25000     2.659687   647.402067     0.733920
738.349577   5.202600    1997.408
 0.50000     2.215486   679.707493     0.733920
733.455114   4.639149    1377.004
 0.75000     1.791361   713.697648     0.733920
728.577483   4.078866   711.365298
 1.00000     1.697123   749.187800     0.733920
725.353657   4.282289    0.211589

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -15.554866   -117.248994    -8.125384
-178.541918  -54.030761 -259.627650
 0.25000   -16.343091   -99.882452    -8.125384
-178.541918  -45.110728 -194.724671
 0.50000   -17.180818   -83.110976    -8.125384
-178.541918  -36.256103 -129.861664
 0.75000   -18.065458   -67.131600    -8.125384
-178.558751   -27.443218   -64.935708
 1.00000   -18.992577   -62.547287    -8.125384
-200.393468  -19.108770   -0.971366

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     3.229843   694.680171     4.958266
726.281368   32.839971    2885.887
 0.25000     2.822698   721.839702     4.958266
722.212765   27.574856    2223.988
 0.50000     2.427504   750.629264     4.958266
718.144191   22.327352    1523.255
 0.75000     2.050174   780.918233     4.958266
714.077726   17.133258   782.228226
 1.00000     1.968749   812.541833     4.958266
711.323341   12.761541    0.666758
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 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -17.191170  -129.859120    -7.528320
-560.877260  -50.111207 -335.973090
 0.25000   -17.893638  -114.409314    -7.528320
-560.877260  -41.944616 -251.988885
 0.50000   -18.640165   -99.488762    -7.528320
-560.877260  -33.837392 -168.040407
 0.75000   -19.428458   -85.272998    -7.528320
-560.879369  -25.776258   -84.035583
 1.00000   -20.254550   -81.275070    -7.528320
-578.131769  -18.188265   -0.922786

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.473447   141.181223     7.051270
57.770992   44.855944   579.272847
 0.25000     0.467474   141.517522     7.051270
56.964064   36.976081   435.414579
 0.50000     0.461689   141.876302     7.051270
56.172145   29.133968   291.051037
 0.75000     0.456159   142.256530     7.051270
55.404111   21.376818   146.164263
 1.00000     0.452126   142.656258     7.051270
54.669188   13.917890    0.745386

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -3.080216   -30.495419    -0.411207
-609.201956   -2.203844 -123.680432
 0.25000    -3.088936   -30.268265    -0.411207
-609.781081   -1.720230   -92.761955
 0.50000    -3.098269   -30.048984    -0.411207
-610.434704   -1.243004   -61.844189
 0.75000    -3.108187   -29.840389    -0.411207
-611.158957   -0.782262   -30.927206
 1.00000    -3.118653   -29.677485    -0.411207
-611.948261   -0.368341   -0.025072

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     1.064726   350.643498     8.634200
159.608611   56.267167    1422.483
 0.25000     1.064587   350.651326     8.634200
159.589586   46.869471    1067.132
 0.50000     1.064452   350.659678     8.634200
159.570914   37.493887   711.769943
 0.75000     1.064322   350.668531     8.634200
159.552806   28.201090   356.395363
 1.00000     1.064227   350.677839     8.634200
159.535478   19.294828    1.022648

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -8.164897   -57.524641    -0.769673
-857.997362   -4.975354 -236.066536
 0.25000    -8.165100   -57.519332    -0.769673
-858.011063   -4.402354 -177.076453
 0.50000    -8.165317   -57.514208    -0.769673
-858.026514   -3.829462 -118.086390
 0.75000    -8.165548   -57.509333    -0.769673
-858.043618   -3.293633   -59.096358
 1.00000    -8.165792   -57.505473    -0.769673
-858.062258   -2.914480   -0.132964

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     2.772789   595.888740     7.997719
526.268074   52.084698    2461.468
 0.25000     2.460587   615.004880     7.997719
492.464116   43.405277    1889.242
 0.50000     2.158015   635.334825     7.997719
459.106546   34.745016    1289.008
 0.75000     1.868595   656.798704     7.997719
427.739989   27.378532   659.735832
 1.00000     1.728286   679.280322     7.997719
421.593733   20.560118    1.062276
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -14.443974  -119.574159    -4.827105
-805.450829  -30.867858 -334.128298
 0.25000   -14.938880  -107.713276    -4.827105
-817.728312   -25.359280 -250.576138
 0.50000   -15.466945   -96.274510    -4.827105
-843.354840   -19.962197 -167.081675
 0.75000   -16.026267   -85.358499    -4.827105
-872.287357   -14.716497   -83.525141
 1.00000   -16.614290   -79.436568    -4.827105
-904.136826  -10.156567   -0.508769

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     2.368132   633.623130     8.873865
597.202392   52.414386    2832.908
 0.25000     1.873681   660.126803     8.873865
597.202392   42.962527    2213.632
 0.50000     1.483074   688.296048     8.873865
597.202392   33.575617    1538.859
 0.75000     1.438394   717.980738     8.873865
597.202392   24.277511   802.819756
 1.00000     1.438394   749.093830     8.873865
597.202392   17.251121    1.004037

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -15.907849   -97.085514    -8.424678
-672.840535  -50.353889 -264.911483
 0.25000   -16.600969   -78.263876    -8.424678
-672.864986  -41.368586 -198.678562
 0.50000   -17.340302   -65.313942    -8.424678
-672.897892  -32.444881 -132.445641
 0.75000   -18.122560   -59.256353    -8.424678
-694.199097   -23.679844   -66.210144
 1.00000   -18.946153   -59.256353    -8.424678
-725.941647  -15.839377   -0.911041

 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     3.229843   694.680171     8.634200
743.244075   56.267167    2885.887
 0.25000     2.822698   721.839702     8.634200
738.349577   46.869471    2223.988
 0.50000     2.427504   750.629264     8.634200
733.455114   37.493887    1523.255
 0.75000     2.050174   780.918233     8.634200
728.577483   28.201090   782.228226
 1.00000     1.968749   812.541833     8.634200
725.353657   20.560118    1.062276

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -17.191170  -129.859120    -8.125384
-857.997362  -54.030761 -335.973090
 0.25000   -17.893638  -114.409314    -8.125384
-858.011063  -45.110728 -251.988885
 0.50000   -18.640165   -99.488762    -8.125384
-858.026514  -36.256103 -168.040407
 0.75000   -19.428458   -85.358499    -8.125384
-872.287357  -27.443218   -84.035583
 1.00000   -20.254550   -81.275070    -8.125384
-904.136826  -19.108770   -0.971366

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     3.229843   694.680171     8.873865
743.244075   56.267167    2885.887
 0.25000     2.822698   721.839702     8.873865
738.349577   46.869471    2223.988
 0.50000     2.427504   750.629264     8.873865
733.455114   37.493887    1538.859
 0.75000     2.050174   780.918233     8.873865
728.577483   28.201090   802.819756
 1.00000     1.968749   812.541833     8.873865
725.353657   20.560118    1.062276
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 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -17.191170  -129.859120    -8.424678
-857.997362  -54.030761 -335.973090
 0.25000   -17.893638  -114.409314    -8.424678
-858.011063  -45.110728 -251.988885
 0.50000   -18.640165   -99.488762    -8.424678
-858.026514  -36.256103 -168.040407
 0.75000   -19.428458   -85.358499    -8.424678
-872.287357  -27.443218   -84.035583
 1.00000   -20.254550   -81.275070    -8.424678
-904.136826  -19.108770   -0.971366

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     3.229843   694.680171     8.873865
743.244075   56.267167    2885.887
 0.25000     2.822698   721.839702     8.873865
738.349577   46.869471    2223.988
 0.50000     2.427504   750.629264     8.873865
733.455114   37.493887    1538.859
 0.75000     2.050174   780.918233     8.873865
728.577483   28.201090   802.819756
 1.00000     1.968749   812.541833     8.873865
725.353657   20.560118    1.062276

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -17.191170  -129.859120    -8.424678
-857.997362  -54.030761 -335.973090
 0.25000   -17.893638  -114.409314    -8.424678
-858.011063  -45.110728 -251.988885
 0.50000   -18.640165   -99.488762    -8.424678
-858.026514  -36.256103 -168.040407
 0.75000   -19.428458   -85.358499    -8.424678
-872.287357  -27.443218   -84.035583
 1.00000   -20.254550   -81.275070    -8.424678
-904.136826  -19.108770   -0.971366

 ELEM      34 ========== LENGTH =
 4.493859

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -17.191170  -129.859120    -8.424678
-857.997362  -54.030761 -335.973090
 0.25000   -17.893638  -114.409314    -8.424678
-858.011063  -45.110728 -251.988885
 0.50000   -18.640165   -99.488762    -8.424678
-858.026514  -36.256103 -168.040407
 0.75000   -19.428458   -85.358499    -8.424678
-872.287357  -27.443218   -84.035583
 1.00000   -20.254550   -81.275070    -8.424678
-904.136826  -19.108770   -0.971366

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -0.418818  -109.450670    -6.697032
-429.934618   -0.650293   -0.597805
 0.25000    -0.418818  -109.064512    -6.697032
-428.851978   -0.709392   -24.691741
 0.50000    -0.423741  -108.705029    -6.697032
-427.864275   -0.863979   -49.450801
 0.75000    -0.429055  -108.363526    -6.697032
-426.943996   -1.025941   -74.209861
 1.00000    -0.437512  -108.042674    -6.697032
-426.367550   -1.194587   -98.968921

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     6.950851   42.876350     0.679539
142.871891   14.981765    0.235441
 0.25000     6.950463   42.876351     0.679539
142.904782   22.648628   314.846649
 0.50000     6.950104   42.883408     0.679539
142.934792   31.120493   630.514292
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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000     6.949764   42.890707     0.679539
142.962600   39.697409   946.154255
 1.00000     6.949446   42.903249     0.679539
143.027699   48.708524    1261.769

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -0.906329  -281.017768    -8.427593
-624.237549   -3.385424   -0.862034
 0.25000    -0.906329  -281.003463    -8.427593
-624.197415   -3.245285   -48.102521
 0.50000    -0.906511  -280.990146    -8.427593
-624.160802   -3.207875   -96.272596
 0.75000    -0.906708  -280.977496    -8.427593
-624.126524   -3.191964  -144.442670
 1.00000    -0.907022  -280.965610    -8.427593
-624.105152   -3.339969  -192.612745

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    15.536216   59.661755     5.140467
388.304163   16.551122    0.521212
 0.25000    14.931734   59.664049     5.140467
388.304163   22.018670   663.592647
 0.50000    14.364257   66.050212     5.140467
390.242269   29.256788    1280.697
 0.75000    13.828079   77.046076     5.140467
425.937497   37.145317    1854.039
 1.00000    13.326545   93.615992     5.140467
458.116649   45.507804    2387.870

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.366892  -613.756702    -7.899424
-680.159531  -10.291886   -0.920648
 0.25000    -1.366892  -591.398512    -7.899424
-648.651981  -14.100823   -67.010628
 0.50000    -1.537266  -570.315438    -7.899424
-618.016692  -18.732966 -134.041091
 0.75000    -1.833752  -550.304747    -7.899424
-597.790935  -23.600063 -201.071553
 1.00000    -2.259144  -531.508367    -7.899424
-597.790718  -29.753301 -268.102016

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    11.820119   25.730339     6.956862
472.987280   1.155403    0.571497
 0.25000    11.104575   25.732367     6.956862
472.987280   1.313520   488.716699
 0.50000    10.420961   25.732367     6.956862
472.987280   1.505074   919.943158
 0.75000     9.776127   37.663944     6.956862
472.987280   1.734991    1298.370
 1.00000     9.173367   52.115400     6.956862
472.987280   2.022077    1629.134

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -0.691140  -461.297458    -0.364005
```

-43.282885 -12.922929 -0.068558
0.25000 -0.691140 -434.765533 -0.364005
-43.282885 -19.757099 -28.966505
0.50000 -0.692703 -409.276776 -0.364005
-43.282885 -27.314984 -57.875915
0.75000 -1.025318 -385.116248 -0.364005
-43.282885 -34.979114 -86.785325
1.00000 -1.419127 -362.428372 -0.364005
-43.282885 -42.704185 -115.694735

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.415793 47.240463 8.740634
640.112185 3.974266 0.796206

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REL DIST P V2 V3
T M2 M3
0.25000 17.476725 47.243054 8.740634
640.112185 4.015392 768.839526
0.50000 16.585522 50.496079 8.740634
640.112185 4.065136 1463.129
0.75000 15.744288 67.007828 8.740634
640.112185 4.131859 2088.614
1.00000 14.957800 88.423435 8.740634
640.112185 4.570776 2651.964

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.223812 -719.080598 -0.877434
-161.063496 -17.353892 -0.223277
0.25000 -1.224212 -684.291740 -0.877434
-161.063496 -25.239682 -53.155456
0.50000 -1.321598 -651.105466 -0.877434
-161.063496 -34.145807 -106.231368
0.75000 -1.766729 -619.630563 -0.877434
-161.063496 -43.317718 -159.307280
1.00000 -2.335601 -590.072943 -0.877434
-161.063496 -52.550042 -212.383192

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.195003 61.332829 8.035230
617.232089 10.478959 0.777969
0.25000 18.361307 61.335132 8.035230
617.232089 14.518310 812.378105
0.50000 17.569852 64.061740 8.035230
617.232089 18.997160 1558.934
0.75000 16.822797 78.707181 8.035230
617.232089 23.552957 2244.384
1.00000 16.124366 97.615387 8.035230
617.232089 28.562741 2874.654

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.492905 -754.283537 -4.944314
-433.947132 -16.640176 -0.603063
0.25000 -1.493246 -723.396985 -4.944314
-433.947132 -23.645466 -68.944488
0.50000 -1.575655 -693.923242 -4.944314
-433.947132 -31.552149 -137.852354
0.75000 -1.970471 -665.970192 -4.944314
-433.947132 -39.691749 -206.760220
1.00000 -2.473293 -639.719944 -4.944314
-433.947132 -47.892707 -275.668087

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.306652 30.243805 0.349176
41.105937 13.759169 0.105899
0.25000 3.296039 30.397996 0.349176
41.864935 20.285008 149.065750
0.50000 3.285980 30.605216 0.349176
42.652664 27.124831 298.352035
0.75000 3.276522 30.823097 0.349176
43.469768 34.150371 447.111798
1.00000 3.267712 31.048479 0.349176
44.303471 41.230902 595.368949

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.523801 -146.213547 -6.399135
-562.333010 -1.144650 -0.774929
0.25000 -0.527543 -145.814135 -6.399135
-561.521395 -1.155351 -31.569802
0.50000 -0.533114 -145.433672 -6.399135
-560.777034 -1.272142 -63.232780
0.75000 -0.538941 -145.074336 -6.399135
-560.105772 -1.472659 -94.897058
1.00000 -0.544955 -144.738885 -6.399135
-559.512686 -1.715389 -126.561450

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.502065 58.841695 0.991610
140.521186 18.645429 0.245393
0.25000 8.501818 58.845348 0.991610
140.539052 26.410265 364.226470
0.50000 8.501584 58.850191 0.991610
140.557637 34.708680 729.472739
0.75000 8.501364 58.855282 0.991610
140.576893 43.308719 1094.706
1.00000 8.501159 58.860550 0.991610
140.596543 51.977537 1459.928

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.184430 -358.400342 -8.096430
-776.382356 -3.755766 -1.117286
0.25000 -1.184518 -358.391041 -8.096430
-776.363199 -3.867331 -60.555259
0.50000 -1.184649 -358.382182 -8.096430
-776.345622 -4.239492 -121.214052
0.75000 -1.184785 -358.373817 -8.096430
-776.329757 -4.819731 -181.872352
1.00000 -1.184925 -358.366010 -8.096430
-776.315737 -5.487825 -242.531044

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.062555 81.814170 5.333257
443.619877 20.433975 0.584845
0.25000 16.466943 87.292402 5.333257
449.804039 26.080246 673.347282
0.50000 15.901260 98.108250 5.333257
473.550038 32.947874 1317.606
0.75000 15.367389 109.475589 5.333257
508.357049 41.102976 1932.654
1.00000 14.867680 121.248541 5.333257
543.580608 49.345615 2519.684

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.865255 -690.170005 -7.757239
-837.252787 -12.293405 -1.184355
0.25000 -2.002653 -667.703801 -7.757239
-804.186647 -16.673700 -86.397884
0.50000 -2.294689 -646.233045 -7.757239
-774.180355 -22.088174 -172.732655
0.75000 -2.600065 -625.878208 -7.757239
-747.589504 -27.841239 -259.083991
1.00000 -2.914891 -606.772886 -7.757239
-741.060569 -33.681659 -345.495276

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.106494 35.512392 6.838440
632.549287 1.633026 0.742368
0.25000 11.380114 36.658888 6.838440
630.084852 1.763068 446.412426
0.50000 10.686919 48.454664 6.838440
627.349533 2.052196 856.565887
0.75000 10.029355 60.842152 6.838440
624.614214 2.464699 1231.696
1.00000 9.410133 73.667096 6.838440
621.878915 2.919516 1573.012

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.010785 -471.838896 -0.451413
-55.984355 -17.274477 -0.099357
0.25000 -1.050979 -444.272624 -0.451413
-56.255239 -24.188969 -36.721385
0.50000 -1.371469 -417.887600 -0.451413
-56.255239 -31.570430 -73.358284
0.75000 -1.706547 -392.729028 -0.451413
-56.255239 -39.138003 -109.951134
1.00000 -2.051322 -368.931360 -0.451413
-56.255239 -46.740030 -146.634737

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.294875 65.126033 8.777670
791.049641 4.803127 0.934646
0.25000 18.357925 69.067112 8.777670
794.359989 4.616159 725.568734
0.50000 17.464566 84.915673 8.777670
799.276091 5.257394 1404.241
0.75000 16.618853 101.549884 8.777670
804.195824 6.101578 2037.499
1.00000 15.824245 118.780419 8.777670
809.115520 7.020100 2626.924

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.765718 -757.728707 -1.133981
-194.853993 -21.633038 -0.347351
0.25000 -1.874324 -722.274305 -1.133981
-177.258990 -30.107081 -68.059561
0.50000 -2.303737 -688.263262 -1.133981
-177.255359 -39.462247 -135.973487
0.75000 -2.752681 -655.972708 -1.133981
-177.255359 -49.064163 -203.831046
1.00000 -3.215012 -625.483757 -1.133981
-177.255359 -58.786002 -271.806494

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.671294 84.131068 8.134054
761.527491 12.952838 0.928168
0.25000 19.836474 87.556873 8.134054
764.359670 16.727089 798.197245
0.50000 19.040443 101.656108 8.134054
768.449250 21.430849 1555.103
0.75000 18.286820 116.453521 8.134054
772.538829 26.478553 2271.554
1.00000 17.578679 131.782962 8.134054
776.628379 31.627639 2948.958

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.080889 -823.549121 -4.937834
-533.882550 -20.854708 -0.814555
0.25000 -2.175683 -791.957581 -4.937834
-520.428969 -28.340472 -87.444661
0.50000 -2.557736 -761.668949 -4.937834
-520.428969 -36.725205 -174.813378
0.75000 -2.957164 -732.874068 -4.937834
-520.428969 -45.439648 -262.135918
1.00000 -3.368469 -705.701131 -4.937834
-520.428969 -54.290099 -349.561380

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.195003 61.332829 8.740634
640.112185 16.551122 0.796206
0.25000 18.361307 61.335132 8.740634
640.112185 22.648628 812.378105
0.50000 17.569852 66.050212 8.740634
640.112185 31.120493 1558.934
0.75000 16.822797 78.707181 8.740634
640.112185 39.697409 2244.384
1.00000 16.124366 97.615387 8.740634
640.112185 48.708524 2874.654

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.492905 -754.283537 -8.427593
-680.159531 -17.353892 -0.920648
0.25000 -1.493246 -723.396985 -8.427593
-648.651981 -25.239682 -68.944488
0.50000 -1.575655 -693.923242 -8.427593
-624.160802 -34.145807 -137.852354
0.75000 -1.970471 -665.970192 -8.427593
-624.126524 -43.317718 -206.760220
1.00000 -2.473293 -639.719944 -8.427593
-624.105152 -52.550042 -275.668087

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.671294 84.131068 8.777670
791.049641 20.433975 0.934646
0.25000 19.836474 87.556873 8.777670
794.359989 26.410265 798.197245
0.50000 19.040443 101.656108 8.777670
799.276091 34.708680 1555.103
0.75000 18.286820 116.453521 8.777670
804.195824 43.308719 2271.554
1.00000 17.578679 131.782962 8.777670
809.115520 51.977537 2948.958

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.080889 -823.549121 -8.096430
-837.252787 -21.633038 -1.184355
0.25000 -2.175683 -791.957581 -8.096430
-804.186647 -30.107081 -87.444661
0.50000 -2.557736 -761.668949 -8.096430
-776.345622 -39.462247 -174.813378
0.75000 -2.957164 -732.874068 -8.096430
-776.329757 -49.064163 -262.135918
1.00000 -3.368469 -705.701131 -8.096430
-776.315737 -58.786002 -349.561380

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.671294 84.131068 8.777670
791.049641 20.433975 0.934646
0.25000 19.836474 87.556873 8.777670
794.359989 26.410265 812.378105
0.50000 19.040443 101.656108 8.777670
799.276091 34.708680 1558.934
0.75000 18.286820 116.453521 8.777670
804.195824 43.308719 2271.554
1.00000 17.578679 131.782962 8.777670
809.115520 51.977537 2948.958

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.080889 -823.549121 -8.427593
-837.252787 -21.633038 -1.184355
0.25000 -2.175683 -791.957581 -8.427593
-804.186647 -30.107081 -87.444661
0.50000 -2.557736 -761.668949 -8.427593
-776.345622 -39.462247 -174.813378
0.75000 -2.957164 -732.874068 -8.427593
-776.329757 -49.064163 -262.135918
1.00000 -3.368469 -705.701131 -8.427593
-776.315737 -58.786002 -349.561380

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.671294 84.131068 8.777670
791.049641 20.433975 0.934646
0.25000 19.836474 87.556873 8.777670
794.359989 26.410265 812.378105
0.50000 19.040443 101.656108 8.777670
799.276091 34.708680 1558.934
0.75000 18.286820 116.453521 8.777670
804.195824 43.308719 2271.554
1.00000 17.578679 131.782962 8.777670
809.115520 51.977537 2948.958

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.080889 -823.549121 -8.427593
-837.252787 -21.633038 -1.184355
0.25000 -2.175683 -791.957581 -8.427593
-804.186647 -30.107081 -87.444661
0.50000 -2.557736 -761.668949 -8.427593
-776.345622 -39.462247 -174.813378
0.75000 -2.957164 -732.874068 -8.427593
-776.329757 -49.064163 -262.135918
1.00000 -3.368469 -705.701131 -8.427593
-776.315737 -58.786002 -349.561380

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 35 ========== LENGTH = 4.993904

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.455665 23.625420 0.212386
41.195568 37.715513 483.569115
0.25000 2.445452 23.971557 0.212386
42.186190 44.842584 620.849266
0.50000 2.436327 24.315547 0.212386
43.170083 52.043472 757.976698
0.75000 2.427746 24.654233 0.212386
44.187476 59.442135 895.254061
1.00000 2.419754 25.039337 0.212386
45.593874 66.942337 1032.116

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.306254 -113.133806 -6.090540
-451.981254 -1.081327 -98.856494
0.25000 -0.316092 -112.759787 -6.090540
-450.924069 -1.164079 -127.977354
0.50000 -0.325775 -112.423651 -6.090540
-450.019327 -1.322259 -157.098215
0.75000 -0.335221 -112.104731 -6.090540
-449.374826 -1.478715 -186.219075
1.00000 -0.345619 -111.805185 -6.090540
-448.834009 -1.631211 -215.339935

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.992967 44.212856 0.542794
221.858130 46.740322 1260.019
0.25000 5.992589 44.225678 0.542794
221.894855 55.632715 1527.584
0.50000 5.992251 44.238421 0.542794
221.931331 64.579238 1835.258
0.75000 5.991933 44.250968 0.542794
221.969002 73.723464 2154.688
1.00000 5.991637 44.265235 0.542794
222.021208 82.939912 2480.562

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.748553 -264.292306 -7.538128
-666.403038 -5.478927 -192.492582
0.25000 -0.748917 -264.278449 -7.538128
-666.363838 -5.393799 -247.664046
0.50000 -0.749276 -264.265997 -7.538128
-666.330293 -5.322724 -302.835510
0.75000 -0.749626 -264.254183 -7.538128
-666.306205 -5.273913 -358.006974
1.00000 -0.750011 -264.243086 -7.538128
-666.286150 -5.375666 -413.178438

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.760319 77.684712 4.495457
474.138884 43.887377 2386.847
0.25000 12.180613 97.888220 4.495457
486.169876 52.157061 2884.945
0.50000 11.649938 117.951523 4.495457
519.821413 60.484479 3382.585
0.75000 11.152144 137.670547 4.495457
550.738855 68.996896 3853.257
1.00000 10.689640 159.629620 4.495457
591.267175 77.584970 4295.714

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.695068 -535.829438 -7.029000
-671.180570 -29.724359 -268.076543
0.25000 -2.267710 -514.567947 -7.029000
-644.049844 -35.439818 -342.471046
0.50000 -2.830463 -494.943521 -7.029000
-642.879662 -41.501342 -416.865549

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -3.378852 -476.362681 -7.029000
-642.879662 -47.556995 -491.260053
1.00000 -3.977110 -458.946140 -7.029000
-642.879662 -53.195445 -565.654556

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.139023 47.356294 6.427677
505.042018 2.106733 1630.138
0.25000 8.471183 71.616085 6.427677
505.042018 2.357478 1956.825
0.50000 7.837259 95.663835 6.427677
505.042018 2.633384 2233.043
0.75000 7.244774 119.279859 6.427677
505.042018 2.930918 2463.398
1.00000 6.696292 144.749014 6.427677
505.042018 3.249051 2652.880

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.355302 -371.498485 -0.300939
-51.709460 -42.882497 -115.821998
0.25000 -2.040211 -346.947379 -0.300939
-51.709460 -50.453571 -145.514290
0.50000 -2.711740 -323.374783 -0.300939
-51.709460 -58.168040 -175.212249
0.75000 -3.365180 -301.122526 -0.300939
-51.709460 -66.044917 -204.910208
1.00000 -4.068595 -280.325069 -0.300939
-51.709460 -73.965582 -234.608167

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.455954 74.630748 7.939927
740.140327 4.796411 2652.962
0.25000 13.570834 106.295083 7.939927
740.140327 5.535530 3156.756
0.50000 12.741895 137.703534 7.939927
740.140327 6.286718 3633.341
0.75000 11.966065 168.559722 7.939927
740.140327 7.050221 4061.221
1.00000 11.246943 202.232624 7.939927
740.140327 7.827012 4440.844

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.032703 -590.720830 -0.690020
-183.701645 -53.781906 -212.546586
0.25000 -2.927988 -558.209917 -0.690020
-183.701645 -62.750705 -268.391761
0.50000 -3.806515 -527.446923 -0.690020
-183.701645 -71.993446 -324.240502
0.75000 -4.661716 -498.373435 -0.690020
-183.701645 -82.240956 -380.089244
1.00000 -5.587073 -471.173632 -0.690020
-183.701645 -92.377037 -435.937986

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.303186 86.393595 7.270585
715.460909 27.455755 2874.663
0.25000 14.517753 114.512301 7.270585
715.460909 32.506604 3448.586
0.50000 13.781701 142.402880 7.270585
715.460909 37.594512 4004.329
0.75000 13.092852 169.802556 7.270585
715.460909 42.697713 4519.501
1.00000 12.454393 199.686559 7.270585
715.460909 47.884985 4992.971

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.131929 -634.943620 -4.305965
-474.375756 -49.425836 -275.751734

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-2.926907	-606.093110	-4.305965
-474.375756	-57.432912	-350.408234	
0.50000	-3.706973	-578.774629	-4.305965
-474.375756	-65.693479	-425.068066	
0.75000	-4.466314	-552.957920	-4.305965
-474.375756	-74.834723	-499.727898	
1.00000	-5.287743	-528.806166	-4.305965
-474.375756	-83.988543	-574.387730	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.134570	32.526326	0.271104
50.616519	40.397709	593.669976	
0.25000	3.124810	32.747861	0.271104
51.384503	47.699988	766.767447	
0.50000	3.115624	32.984194	0.271104
52.198137	55.163597	939.412490	
0.75000	3.107059	33.231982	0.271104
53.051164	62.648839	1111.683	
1.00000	3.099165	33.486158	0.271104
53.929175	70.147179	1283.623	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.512228	-152.804848	-6.174438
-592.543905	-1.756738	-126.414315	
0.25000	-0.518347	-152.433742	-6.174438
-591.813347	-1.881661	-163.141604	
0.50000	-0.524828	-152.082151	-6.174438
-591.139536	-2.072644	-199.866625	
0.75000	-0.531575	-151.751179	-6.174438
-590.530911	-2.282304	-236.592231	
1.00000	-0.538511	-151.443990	-6.174438
-589.995834	-2.503793	-273.318003	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.145983	70.262481	0.778701
187.451921	50.270518	1457.768	
0.25000	7.145755	70.267649	0.778701
187.470017	59.356773	1802.427	
0.50000	7.145541	70.273163	0.778701
187.489189	68.635522	2169.202	
0.75000	7.145342	70.278945	0.778701
187.509291	77.917685	2539.585	
1.00000	7.145158	70.284924	0.778701
187.529991	87.203556	2911.797	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.324168	-333.447359	-7.632348
-831.616776	-6.692383	-242.367140	
0.25000	-1.324311	-333.438713	-7.632348
-831.599466	-7.177409	-311.947441	
0.50000	-1.324462	-333.430522	-7.632348
-831.583489	-7.740505	-381.531224	
0.75000	-1.324620	-333.422812	-7.632348
-831.569044	-8.311218	-451.115018	
1.00000	-1.324782	-333.415659	-7.632348
-831.556326	-8.940331	-520.698814	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.613405	117.612108	4.886836
509.582266	47.833456	2518.670	
0.25000	13.071915	129.630943	4.886836
542.501605	56.417606	3092.347	
0.50000	12.561313	142.410706	4.886836
577.501893	65.197893	3656.217	
0.75000	12.084157	155.774053	4.886836
613.392326	73.988617	4192.336	
1.00000	11.643407	169.536419	4.886836
648.005702	82.784319	4700.524	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.755575	-590.936625	-7.239125
-846.329320	-33.973931	-345.369959	
0.25000	-3.089417	-570.251590	-7.239125
-819.837874	-39.884604	-438.902358	
0.50000	-3.441460	-550.614567	-7.239125
-800.453355	-46.724245	-532.575045	
0.75000	-3.806888	-532.089674	-7.239125
-800.311835	-53.713242	-626.142503	
1.00000	-4.181005	-514.844625	-7.239125
-800.323665	-60.649597	-719.723307	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.067598	66.730163	6.694836
668.374670	2.970238	1574.624	
0.25000	8.416837	80.683054	6.694836
665.334952	3.327660	1908.555	
0.50000	7.801644	95.440076	6.694836
662.295252	3.738908	2204.303	
0.75000	7.225626	110.808127	6.694836
659.255552	4.184409	2462.339	
1.00000	6.691202	126.547254	6.694836
656.215852	4.644147	2684.557	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.012132	-363.689548	-0.389461
-66.986771	-47.890128	-146.806418	
0.25000	-2.403028	-338.680040	-0.389461
-66.986771	-55.902348	-184.415622	
0.50000	-2.812576	-314.867558	-0.389461
-66.986771	-64.020205	-221.931742	
0.75000	-3.235529	-292.338444	-0.389461
-66.986771	-72.157652	-259.612932	
1.00000	-3.665979	-271.243299	-0.389461
-66.986771	-80.349377	-297.223222	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.558060	114.114501	8.408440
871.952020	6.526379	2628.645	
0.25000	13.713839	132.431304	8.408440
877.419243	7.563539	3171.090	
0.50000	12.916821	151.841508	8.408440
882.886434	8.614963	3685.045	
0.75000	12.170758	172.085901	8.408440
888.353625	9.675259	4153.865	
1.00000	11.479861	192.859567	8.408440
893.820817	10.747713	4578.020	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.211533	-596.959961	-0.904929
-209.567895	-60.140267	-271.997800	
0.25000	-3.723211	-564.592754	-0.904929
-209.567895	-70.384595	-342.606421	
0.50000	-4.260449	-533.806191	-0.904929
-209.567895	-80.644668	-413.094051	
0.75000	-4.816320	-504.710397	-0.904929
-209.567895	-90.976262	-483.800497	
1.00000	-5.383228	-477.533677	-0.904929
-209.567895	-101.451042	-554.388998	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	15.922293	129.890777	7.767591
841.369085	30.378252	2949.421	
0.25000	15.170020	146.200070	7.767591
845.913772	35.749367	3589.239	
0.50000	14.460229	163.481638	7.767591
850.458432	41.196385	4206.331	
0.75000	13.795580	181.504873	7.767591
855.003092	46.659367	4783.610	
1.00000	13.180044	199.997931	7.767591
859.547752	52.137845	5321.569	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.326586	-672.999932	-4.489332
-571.016117	-55.712192	-349.646654	
0.25000	-3.782237	-644.164276	-4.489332
-571.016117	-65.114326	-443.654522	
0.50000	-4.260607	-616.735710	-4.489332
-571.016117	-74.549699	-537.563955	
0.75000	-4.755536	-590.812400	-4.489332
-571.016117	-84.048563	-631.663758	
1.00000	-5.260249	-566.597487	-4.489332
-571.016117	-93.630449	-725.678674	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	15.303186	86.393595	7.939927
740.140327	46.740322	2874.663	
0.25000	14.517753	114.512301	7.939927
740.140327	55.632715	3448.586	
0.50000	13.781701	142.402880	7.939927
740.140327	64.579238	4004.329	
0.75000	13.092852	169.802556	7.939927
740.140327	73.723464	4519.501	
1.00000	12.454393	202.232624	7.939927
740.140327	82.939912	4992.971	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.131929	-634.943620	-7.538128
-671.180570	-53.781906	-275.751734	
0.25000	-2.927988	-606.093110	-7.538128
-666.363838	-62.750705	-350.408234	
0.50000	-3.806515	-578.774629	-7.538128
-666.330293	-71.993446	-425.068066	
0.75000	-4.661716	-552.957920	-7.538128
-666.306205	-82.240956	-499.727898	
1.00000	-5.587073	-528.806166	-7.538128
-666.286150	-92.377037	-574.387730	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	15.922293	129.890777	8.408440
871.952020	50.270518	2949.421	
0.25000	15.170020	146.200070	8.408440
877.419243	59.356773	3589.239	
0.50000	14.460229	163.481638	8.408440
882.886434	68.635522	4206.331	
0.75000	13.795580	181.504873	8.408440
888.353625	77.917685	4783.610	
1.00000	13.180044	199.997931	8.408440
893.820817	87.203556	5321.569	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.326586	-672.999932	-7.632348
-846.329320	-60.140267	-349.646654	
0.25000	-3.782237	-644.164276	-7.632348
-831.599466	-70.384595	-443.654522	
0.50000	-4.260607	-616.735710	-7.632348
-831.583489	-80.644668	-537.563955	
0.75000	-4.816320	-590.812400	-7.632348
-831.569044	-90.976262	-631.663758	
1.00000	-5.383228	-566.597487	-7.632348
-831.556326	-101.451042	-725.678674	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	15.922293	129.890777	8.408440
871.952020	50.270518	2949.421	
0.25000	15.170020	146.200070	8.408440
877.419243	59.356773	3589.239	
0.50000	14.460229	163.481638	8.408440
882.886434	68.635522	4206.331	
0.75000	13.795580	181.504873	8.408440
888.353625	77.917685	4783.610	
1.00000	13.180044	202.232624	8.408440
893.820817	87.203556	5321.569	

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.326586	-672.999932	-7.632348
-846.329320	-60.140267	-349.646654	
0.25000	-3.782237	-644.164276	-7.632348
-831.599466	-70.384595	-443.654522	
0.50000	-4.260607	-616.735710	-7.632348
-831.583489	-80.644668	-537.563955	
0.75000	-4.816320	-590.812400	-7.632348
-831.569044	-90.976262	-631.663758	
1.00000	-5.587073	-566.597487	-7.632348
-831.556326	-101.451042	-725.678674	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	15.922293	129.890777	8.408440
871.952020	50.270518	2949.421	
0.25000	15.170020	146.200070	8.408440
877.419243	59.356773	3589.239	
0.50000	14.460229	163.481638	8.408440
882.886434	68.635522	4206.331	
0.75000	13.795580	181.504873	8.408440
888.353625	77.917685	4783.610	
1.00000	13.180044	202.232624	8.408440
893.820817	87.203556	5321.569	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.326586	-672.999932	-7.632348
-846.329320	-60.140267	-349.646654	
0.25000	-3.782237	-644.164276	-7.632348
-831.599466	-70.384595	-443.654522	
0.50000	-4.260607	-616.735710	-7.632348
-831.583489	-80.644668	-537.563955	
0.75000	-4.816320	-590.812400	-7.632348
-831.569044	-90.976262	-631.663758	
1.00000	-5.587073	-566.597487	-7.632348
-831.556326	-101.451042	-725.678674	

ELEM 36 ========== LENGTH = 4.994106

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.778613	25.049411	1.245592
45.774659	62.700851	1030.776	
0.25000	1.769439	25.365865	1.245592
46.637086	64.009095	1135.145	
0.50000	1.761164	25.684345	1.245592
47.505615	65.952673	1241.979	
0.75000	1.753324	26.002491	1.245592
48.377390	68.496737	1349.527	
1.00000	1.745964	26.343388	1.245592
49.376764	71.519479	1458.397	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.460719	-94.537753	-3.804784
-390.825120	-1.599488	-215.206297	
0.25000	-0.469870	-94.199974	-3.804784
-389.877929	-1.573093	-245.189929	
0.50000	-0.478944	-93.892829	-3.804784
-389.066654	-1.547550	-275.173560	
0.75000	-0.487894	-93.598953	-3.804784
-388.299937	-1.520649	-305.157148	
1.00000	-0.497308	-93.320532	-3.804784
-387.718766	-1.559119	-335.184083	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.497235	58.171952	1.749815
234.448471	77.452079	2478.800	
0.25000	4.496895	58.183675	1.749815
234.480453	79.541533	2659.382	
0.50000	4.496588	58.195473	1.749815
234.512660	82.377782	2873.941	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	4.496298	58.207259	1.749815
234.544986	85.918831	3114.315	
1.00000	4.496025	58.219889	1.749815
234.582047	89.964829	3370.708	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.335525	-221.421155	-4.871190
-609.436128	-7.320356	-413.040262	
0.25000	-1.335864	-221.408640	-4.871190
-609.400957	-7.190269	-469.199544	
0.50000	-1.336200	-221.397261	-4.871190
-609.370873	-7.090996	-525.358826	
0.75000	-1.336532	-221.386374	-4.871190
-609.342440	-6.992176	-581.543838	
1.00000	-1.336880	-221.376059	-4.871190
-609.320712	-6.896793	-637.730816	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.209444	138.163662	4.069322
440.536824	72.757858	4294.704	
0.25000	9.698151	156.465757	4.069322
469.285232	74.922675	4616.442	
0.50000	9.224624	174.931857	4.069322
498.704866	77.780855	4939.346	
0.75000	8.775817	193.416930	4.069322
537.095261	81.268298	5260.309	
1.00000	8.354473	212.584900	4.069322
580.973981	85.209281	5571.258	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.731088	-457.802557	-5.212844
-621.884590	-50.646845	-565.633480	
0.25000	-4.258617	-438.927917	-5.212844
-598.970088	-52.223640	-640.304102	
0.50000	-4.782552	-421.263119	-5.212844
-596.175766	-54.234367	-714.974724	
0.75000	-5.300206	-404.341627	-5.212844
-596.175766	-56.443209	-789.668265	
1.00000	-5.828464	-388.296252	-5.212844
-596.175766	-58.890560	-864.363543	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.537403	112.372655	4.008441
439.486199	3.093850	2654.031	
0.25000	6.965025	134.059803	4.008441
439.486199	3.227966	2850.292	
0.50000	6.412668	156.021590	4.008441
439.486199	3.396164	3007.634	
0.75000	5.888838	178.073044	4.008441
439.486199	3.588863	3135.800	
1.00000	5.396981	199.840490	4.008441
439.486199	3.798128	3232.927	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.359838	-317.861125	-1.256239
-54.197752	-70.706051	-234.763073	
0.25000	-3.981638	-296.641275	-1.256239
-54.197752	-72.284898	-263.477082	
0.50000	-4.601004	-275.880180	-1.256239
-54.197752	-74.359668	-292.191090	
0.75000	-5.214446	-255.958968	-1.256239
-54.197752	-76.954364	-320.905313	
1.00000	-5.812377	-237.044772	-1.256239
-54.197752	-80.315242	-349.619566	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.868220	168.196286	4.993943
666.729947	7.866565	4441.927	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	11.101484	196.638645	4.993943
666.729947	8.451873	4739.677	
0.50000	10.372941	225.404611	4.993943
666.729947	9.049953	5017.140	
0.75000	9.682117	254.253917	4.993943
666.729947	9.678528	5277.214	
1.00000	9.033529	283.247478	4.993943
668.355056	10.325387	5511.474	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.023735	-506.538616	-1.864770
-200.112248	-88.498463	-436.141095	
0.25000	-5.840849	-478.158565	-1.864770
-200.112248	-90.710738	-490.793921	
0.50000	-6.653881	-450.850311	-1.864770
-200.112248	-93.481850	-545.446747	
0.75000	-7.458359	-424.660693	-1.864770
-200.112248	-97.020675	-600.099581	
1.00000	-8.256034	-399.808140	-1.864770
-200.112248	-101.148251	-654.752416	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.331936	171.846736	5.350267
653.483734	44.468212	4993.075	
0.25000	11.651898	197.098426	5.350267
653.483734	45.917777	5347.709	
0.50000	11.005259	222.638981	5.350267
653.483734	47.828054	5692.484	
0.75000	10.392095	248.254988	5.350267
653.483734	50.126932	6025.720	
1.00000	9.816416	273.977036	5.350267
653.483734	52.627788	6339.859	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.818686	-540.908533	-4.050557
-458.366377	-80.955522	-574.497042	
0.25000	-5.544073	-515.735632	-4.050557
-458.366377	-82.919458	-648.598033	
0.50000	-6.265868	-491.494250	-4.050557
-458.366377	-85.397063	-722.699024	
0.75000	-6.980101	-468.245428	-4.050557
-458.366377	-88.537454	-796.814581	
1.00000	-7.687717	-446.182694	-4.050557
-458.366377	-92.236224	-870.931632	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.343264	33.932637	1.054849
55.503550	66.068404	1281.919	
0.25000	2.334774	34.160335	1.054849
56.221028	68.493939	1422.612	
0.50000	2.326794	34.401482	1.054849
56.972181	71.262952	1563.810	
0.75000	2.319359	34.653315	1.054849
57.751999	74.345750	1704.725	
1.00000	2.312499	34.913627	1.054849
58.549198	77.573114	1845.491	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.686321	-127.067644	-3.572629
-496.419762	-2.493412	-273.143652	
0.25000	-0.692730	-126.739905	-3.572629
-495.735664	-2.488831	-310.850943	
0.50000	-0.699457	-126.428511	-3.572629
-495.109457	-2.506645	-348.569049	
0.75000	-0.706427	-126.135399	-3.572629
-494.546987	-2.533949	-386.292858	
1.00000	-0.713586	-125.862578	-3.572629
-494.053013	-2.594071	-424.016430	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.256462	80.822387	1.697552
203.934810	81.971782	2909.694	
0.25000	5.256263	80.827698	1.697552
203.951737	85.411886	3166.193	
0.50000	5.256077	80.833323	1.697552
203.969468	89.237004	3441.507	

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 0.75000     5.255904    80.839197     1.697552
203.987866  93.371027    3732.801
 1.00000     5.255744    80.845270     1.697552
204.006674  97.773162    4024.114

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -1.806231  -272.255221    -4.697756
-733.475020  -10.038158  -520.514255
 0.25000  -1.806380  -272.247578    -4.697756
-733.458777  -10.290607  -591.377301
 0.50000  -1.806537  -272.240319    -4.697756
-733.443906  -10.567150  -662.257808
 0.75000  -1.806699  -272.233488    -4.697756
-733.430540  -10.856802  -733.141092
 1.00000  -1.806866  -272.227131    -4.697756
-733.418789  -11.169303  -804.024369

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  10.571073   154.199552     3.955152
485.761723  78.048894    4699.623
 0.25000  10.108957   166.593726     3.955152
515.120268  81.520649    5109.961
 0.50000   9.672640   179.710348     3.955152
546.180390  85.346761    5510.575
 0.75000   9.264236   193.405243     3.955152
578.379365  89.453982    5898.223
 1.00000   8.885543   207.550589     3.955152
610.018512  93.806499    6257.707

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -4.104952  -486.239367    -5.092220
-763.712782  -57.360814  -719.635984
 0.25000  -4.455696  -468.270695    -5.092220
-740.468152  -60.446267  -813.096931
 0.50000  -4.823254  -451.131284    -5.092220
-719.370876  -63.466645  -906.538994
 0.75000  -5.203827  -434.921484    -5.092220
-717.490646  -66.570123  -999.983239
 1.00000  -5.594187  -419.753059    -5.092220
-717.495256  -69.765180  -1093.456

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   7.353411   105.584764     3.875244
558.667594   4.426382    2686.231
 0.25000   6.814222   118.043519     3.875244
555.627787   4.628445    2908.962
 0.50000   6.301288   133.332175     3.875244
552.587979   4.863738    3097.680
 0.75000   5.818115   149.295958     3.875244
549.548172   5.122229    3252.346
 1.00000   5.366615   165.751419     3.875244
546.508364   5.397922    3373.134

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -3.267563  -297.578054    -1.133646
-69.935052  -77.431068  -297.431030
 0.25000  -3.680089  -276.415990    -1.133646
-69.935052  -80.212491  -333.763150
 0.50000  -4.111443  -256.055522    -1.133646
-69.935052  -83.415846  -370.145436
 0.75000  -4.557530  -236.700882    -1.133646
-69.935052  -86.941702  -406.500264
 1.00000  -5.014322  -218.427264    -1.133646
-69.935052  -90.550509  -442.771601
 Program    SAP2000    Nonlinear    Version    7.42
   File:2교대구방향S5-S703.OUT

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 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  11.604088   168.844767     4.962675
758.580250  10.423353    4579.862
 0.25000  10.897301   187.792452     4.962675
764.047635  11.264190    4939.600
 0.50000  10.227083   207.833598     4.962675
769.515019  12.122675    5273.208
 0.75000   9.597031   228.754658     4.962675
774.982404  12.996786    5577.120
 1.00000   9.009801   250.347622     4.962675
780.449788  13.881392    5837.072

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.076423  -488.874096    -1.857314
-228.905082  -97.550248  -554.668338
 0.25000  -5.615518  -461.231933    -1.857314
-228.905082  -101.778590  -623.532133
 0.50000  -6.179643  -434.710415    -1.857314
-228.905082  -106.313654  -692.461917
 0.75000  -6.763330  -409.560254    -1.857314
-228.905082  -111.148980  -761.355026
 1.00000  -7.361299  -385.881241    -1.857314
-228.905082  -116.244452  -830.142510

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  12.440167   180.377818     5.240475
739.691632  48.980160    5322.153
 0.25000  11.810801   197.249985     5.240475
744.236453  51.353298    5763.143
 0.50000  11.213914   215.095633     5.240475
748.781273  53.918388    6183.932
 0.75000  10.652794   233.724662     5.240475
753.326094  56.568295    6580.148
 1.00000  10.129735   252.951677     5.240475
757.870915  59.468636    6938.221

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.067659  -549.300135    -3.913847
-534.208339  -90.303872  -725.809908
 0.25000  -5.547755  -524.682797    -3.913847
-534.208339  -94.218416  -818.948988
 0.50000  -6.050127  -501.060945    -3.913847
-534.208339  -98.481487  -912.156134
 0.75000  -6.569911  -478.658409    -3.913847
-534.208339  -103.024617  -1005.331
 1.00000  -7.102439  -457.564013    -3.913847
-534.208339  -107.801947  -1098.411

 COMB       DB ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  12.331936   171.846736     5.350267
666.729947  77.452079    4993.075
 0.25000  11.651898   197.098426     5.350267
666.729947  79.541533    5347.709
 0.50000  11.005259   225.404611     5.350267
666.729947  82.377782    5692.484
 0.75000  10.392095   254.253917     5.350267
666.729947  85.918831    6025.720
 1.00000   9.816416   283.247478     5.350267
668.355056  89.964829    6339.859

 COMB       DB ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.023735  -540.908533    -5.212844
-621.884590  -88.498463  -574.497042
 0.25000  -5.840849  -515.735632    -5.212844
-609.400957  -90.710738  -648.598033
 0.50000  -6.653881  -491.494250    -5.212844
-609.370873  -93.481850  -722.699024
 0.75000  -7.458359  -468.245428    -5.212844
-609.342440  -97.020675  -796.814581
 1.00000  -8.256034  -446.182694    -5.212844
-609.320712  -101.148251  -870.931632
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 COMB       DL ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  12.440167   180.377818     5.240475
758.580250  81.971782    5322.153
 0.25000  11.810801   197.249985     5.240475
764.047635  85.411886    5763.143
 0.50000  11.213914   215.095633     5.240475
769.515019  89.237004    6183.932
 0.75000  10.652794   233.724662     5.240475
774.982404  93.371027    6580.148
 1.00000  10.129735   252.951677     5.240475
780.449788  97.773162    6938.221

 COMB       DL ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.076423  -549.300135    -5.092220
-763.712782  -97.550248  -725.809908
 0.25000  -5.615518  -524.682797    -5.092220
-740.468152  -101.778590  -818.948988
 0.50000  -6.179643  -501.060945    -5.092220
-733.443906  -106.313654  -912.156134
 0.75000  -6.763330  -478.658409    -5.092220
-733.430540  -111.148980  -1005.331
 1.00000  -7.361299  -457.564013    -5.092220
-733.418789  -116.244452  -1098.411

 COMB       CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  12.440167   180.377818     5.350267
758.580250  81.971782    5322.153
 0.25000  11.810801   197.249985     5.350267
764.047635  85.411886    5763.143
 0.50000  11.213914   225.404611     5.350267
769.515019  89.237004    6183.932
 0.75000  10.652794   254.253917     5.350267
774.982404  93.371027    6580.148
 1.00000  10.129735   283.247478     5.350267
780.449788  97.773162    6938.221

 COMB       CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.076423  -549.300135    -5.212844
-763.712782  -97.550248  -725.809908
 0.25000  -5.840849  -524.682797    -5.212844
-740.468152  -101.778590  -818.948988
 0.50000  -6.653881  -501.060945    -5.212844
-733.443906  -106.313654  -912.156134
 0.75000  -7.458359  -478.658409    -5.212844
-733.430540  -111.148980  -1005.331
 1.00000  -8.256034  -457.564013    -5.212844
-733.418789  -116.244452  -1098.411

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  12.440167   180.377818     5.350267
758.580250  81.971782    5322.153
 0.25000  11.810801   197.249985     5.350267
764.047635  85.411886    5763.143
 0.50000  11.213914   225.404611     5.350267
769.515019  89.237004    6183.932
 0.75000  10.652794   254.253917     5.350267
774.982404  93.371027    6580.148
 1.00000  10.129735   283.247478     5.350267
780.449788  97.773162    6938.221

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.076423  -549.300135    -5.212844
-763.712782  -97.550248  -725.809908
 0.25000  -5.840849  -524.682797    -5.212844
-740.468152  -101.778590  -818.948988
 0.50000  -6.653881  -501.060945    -5.212844
-733.443906  -106.313654  -912.156134
 0.75000  -7.458359  -478.658409    -5.212844
-733.430540  -111.148980  -1005.331
 1.00000  -8.256034  -457.564013    -5.212844
-733.418789  -116.244452  -1098.411
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4.994315

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   0.993702   25.755609     3.489855
47.402046  66.309282    1457.433
 0.25000   0.985186   26.045703     3.489855
48.180941  65.037836    1516.537
 0.50000   0.977460   26.343128     3.489855
48.988998  64.727974    1578.717
 0.75000   0.970062   26.645126     3.489855
49.819850  65.398019    1643.457
 1.00000   0.963051   26.970342     3.489855
50.775674  66.916521    1710.404

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -0.681154   -69.459627    -3.250189
-304.093889   -1.978379  -335.040938
 0.25000  -0.689293   -69.137433    -3.250189
-303.142334   -1.912477  -365.285268
 0.50000  -0.697509   -68.842525    -3.250189
-302.321966   -1.848317  -395.541154
 0.75000  -0.705742   -68.557112    -3.250189
-301.562654   -1.788068  -425.797041
 1.00000  -0.714469   -68.283768    -3.250189
-300.836943   -1.741206  -456.052928

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   2.884866   77.710288     4.550879
229.505258  83.363126    3369.514
 0.25000   2.884550   77.721035     4.550879
229.534145  82.319168    3449.386
 0.50000   2.884264   77.732053     4.550879
229.564111  82.504679    3558.725
 0.75000   2.883990   77.743241     4.550879
229.594922  83.962961    3702.564
 1.00000   2.883730   77.755291     4.550879
229.630370  86.357181    3868.631

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -2.238235  -171.363215    -4.241352
-519.352949   -8.562374  -637.585981
 0.25000  -2.238536  -171.351277    -4.241352
-519.317659   -8.314932  -693.985329
 0.50000  -2.238841  -171.340351    -4.241352
-519.287201   -8.076601  -750.400225
 0.75000  -2.239146  -171.329777    -4.241352
-519.259042   -7.836626  -806.815251
 1.00000  -2.239469  -171.319650    -4.241352
-519.232127   -7.689945  -863.230278

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   7.809868   189.975229     6.171251
375.946762  79.345312    5570.592
 0.25000   7.337599   206.660448     6.171251
405.307684  78.745042    5739.977
 0.50000   6.898639   223.779145     6.171251
440.747991  79.237666    5907.807
 0.75000   6.478886   241.163045     6.171251
477.752731  80.860786    6079.512
 1.00000   6.082323   259.315463     6.171251
519.222245  83.322382    6244.674

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.647934  -384.514806    -6.144409
-578.850255  -55.208595  -864.342277
 0.25000  -6.114065  -366.569808    -6.144409
-544.751513  -55.233147  -938.952513
 0.50000  -6.584706  -349.676150    -6.144409
-523.685235  -55.458344  -1013.577
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 REL DIST          P          V2          V3
    T          M2          M3
 0.75000  -7.056193  -333.349357    -6.144409
-518.178125   -56.156591   -1088.201
 1.00000  -7.541486  -317.743626    -6.144409
-518.178125   -57.660015   -1162.825

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   6.359458   155.508392     3.333634
344.392563   3.459048    3233.743
 0.25000   5.536076   175.119773     3.333634
344.392563   3.569335    3351.675
 0.50000   5.328359   195.260723     3.333634
344.392563   3.711868    3433.887
 0.75000   4.845032   215.717430     3.333634
344.392563   3.880098    3481.857
 1.00000   4.390534   236.089394     3.333634
344.392563   4.068364    3497.490

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -4.718033  -281.918884    -3.652387
-53.857507  -75.815959  -349.780135
 0.25000  -5.262464  -261.849195    -3.652387
-53.857507  -74.595860  -378.074869
 0.50000  -5.812271  -242.111632    -3.652387
-53.857507  -74.389037  -406.369660
 0.75000  -6.362925  -223.077139    -3.652387
-53.857507  -75.168065  -434.664524
 1.00000  -6.904286  -204.936424    -3.652387
-53.857507  -76.686152  -462.959387

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   9.789506   241.520390     4.300579
546.295080  10.172820    5512.280
 0.25000   9.085965   267.316240     4.300579
546.295080  10.727975    5672.050
 0.50000   8.413988   293.800465     4.300579
546.295080  11.307623    5808.653
 0.75000   7.773401   320.696643     4.300579
546.295080  11.916399    5928.230
 1.00000   7.170013   347.960546     4.300579
548.893819  12.542355    6022.699

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -7.395245  -443.853039    -4.721938
-211.048152  -95.387997  -654.966870
 0.25000  -8.113012  -416.958985    -4.721938
-211.048152  -94.174050  -709.058182
 0.50000  -8.837853  -390.940663    -4.721938
-211.048152  -94.082399  -763.149495
 0.75000  -9.563830  -365.827764    -4.721938
-211.048152  -95.092654  -817.240811
 1.00000  -10.289982  -341.869629    -4.721938
-211.048152  -97.085084  -871.332127

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   9.760958   239.743453     6.157718
568.247124  48.479209    6339.993
 0.25000   9.137072   262.642288     6.157718
568.247124  48.271602    6525.401
 0.50000   8.540737   286.152537     6.157718
568.247124  48.860266    6698.845
 0.75000   7.972298   310.028653     6.157718
568.247124  50.109150    6867.067
 1.00000   7.436910   334.210778     6.157718
568.247124  51.864222    7017.521

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -7.173142  -462.464714    -6.335243
-421.406557  -87.654135  -871.047555
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 REL DIST          P          V2          V3
    T          M2          M3
 0.25000  -7.810229  -438.612067    -6.335243
-421.406557  -86.545008  -944.780400
 0.50000  -8.453597  -415.518147    -6.335243
-421.406557  -86.443761   -1018.520
 0.75000  -9.097971  -393.228789    -6.335243
-421.406557  -87.331471   -1092.262
 1.00000  -9.741974  -371.965395    -6.335243
-421.406557  -89.116438   -1166.003

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   1.390611   35.001689     2.818120
59.815640   72.081606    1844.209
 0.25000   1.383104   35.235735     2.818120
60.457756   71.801031    1934.705
 0.50000   1.375985   35.485227     2.818120
61.146564   72.057265    2025.672
 0.75000   1.369303   35.747593     2.818120
61.879872   72.799842    2116.923
 1.00000   1.363106   36.020296     2.818120
62.646008   73.853308    2208.551

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -1.033997   -87.573000    -2.968983
-347.567404   -2.721457  -423.828666
 0.25000  -1.040557   -87.272710    -2.968983
-346.903403   -2.648226  -461.854787
 0.50000  -1.047484   -86.985164    -2.968983
-346.274907   -2.599597  -499.870561
 0.75000  -1.054709   -86.712686    -2.968983
-345.690189   -2.567525  -537.896474
 1.00000  -1.062175   -86.457184    -2.968983
-345.157753   -2.548803  -575.922445

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   3.326381   97.286314     3.854111
227.150477   91.255801    4022.587
 0.25000   3.326206   97.291771     3.854111
227.165653   91.640027    4173.481
 0.50000   3.326040   97.297588     3.854111
227.181926   92.620575    4338.968
 0.75000   3.325884   97.303706     3.854111
227.199246   94.118056    4523.997
 1.00000   3.325740   97.310067     3.854111
227.217342   96.021149    4714.533

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -2.707737  -198.320697    -4.074770
-576.711994   -12.641725  -803.835893
 0.25000  -2.707890  -198.313694    -4.074770
-576.696244   -12.779861  -874.979908
 0.50000  -2.708051  -198.306989    -4.074770
-576.681334   -12.942617  -946.118586
 0.75000  -2.708220  -198.300636    -4.074770
-576.667462   -13.121439   -1017.244
 1.00000  -2.708394  -198.294679    -4.074770
-576.654810   -13.319364   -1088.382

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   7.878520   193.193485     5.439954
424.783303   87.862724    6257.096
 0.25000   7.471756   206.079978     5.439954
450.263988   88.596462    6506.701
 0.50000   7.085263   219.762360     5.439954
477.868585   89.864095    6742.865
 0.75000   6.721554   234.094328     5.439954
507.224027   91.600337    6970.188
 1.00000   6.383451   248.953627     5.439954
537.746139   93.700033    7175.478
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 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -5.740753  -384.318734    -5.669235
-651.286905   -65.604785   -1093.392
 0.25000  -6.103161  -367.926500    -5.669235
-628.002634   -66.528450   -1186.794
 0.50000  -6.484165  -352.184488    -5.669235
-606.064105   -67.629192   -1280.175
 0.75000  -6.880192  -337.231085    -5.669235
-585.956341   -68.97820   -1373.547
 1.00000  -7.287825  -323.164816    -5.669235
-579.716328   -70.534090   -1466.940

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   6.220030   134.632926     3.123324
399.185547   5.011268    3374.417
 0.25000   5.748793   149.924602     3.123324
396.145597   5.137342    3513.182
 0.50000   5.299359   166.064900     3.123324
393.105646   5.287822    3618.681
 0.75000   4.875082   182.890332     3.123324
```

390.065696	5.461534	3690.706	
1.00000	4.479166	200.246438	3.123324
387.025746	5.652889	3729.951	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.354535	-252.955511	-3.003533
-76.961100	-85.638353	-442.986647	
0.25000	-4.786974	-233.736657	-3.003533
-76.961100	-85.455485	-478.807846	
0.50000	-5.238682	-215.205424	-3.003533
-76.961100	-85.814792	-514.745688	
0.75000	-5.705753	-197.537551	-3.003533
-76.961100	-86.659773	-550.593625	
1.00000	-6.183773	-180.837842	-3.003533
-76.961100	-87.796034	-586.391081	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.463828	222.266579	4.118528
576.792013	13.481131	5838.519	
0.25000	8.844629	242.185970	4.118528
582.259654	14.226655	6052.914	
0.50000	8.254928	263.255364	4.118528
587.727296	14.998199	6237.947	
0.75000	7.699054	285.256456	4.118528
593.194937	15.798944	6396.789	
1.00000	7.180701	307.992325	4.118528
598.662578	16.615455	6518.310	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.891776	-409.603244	-4.090667
-240.579255	-109.920149	-830.423919	
0.25000	-7.453989	-384.460802	-4.090667
-240.579255	-110.319130	-898.766060	
0.50000	-8.042604	-360.252505	-4.090667
-240.579255	-111.207083	-966.979399	
0.75000	-8.652382	-337.202013	-4.090667
-240.579255	-112.681590	-1035.171	
1.00000	-9.277704	-315.450635	-4.090667
-240.579255	-114.633657	-1103.363	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.663766	231.684523	5.593550
594.762603	55.415740	6938.732	
0.25000	9.112477	249.426036	5.593550
599.307638	56.235865	7203.752	
0.50000	8.587397	268.190306	5.593550
603.852672	57.338090	7445.536	
0.75000	8.092383	287.783056	5.593550
608.397706	58.691698	7666.100	
1.00000	7.630821	308.028749	5.593550
612.942740	60.311916	7855.331	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.035542	-444.653555	-5.637326
-468.236334	-102.263027	-1098.562	
0.25000	-7.536323	-422.263723	-5.637326
-468.236334	-102.785909	-1191.378	
0.50000	-8.060576	-400.704578	-5.637326
-468.236334	-103.755720	-1284.080	
0.75000	-8.603639	-380.175508	-5.637326
-468.236334	-105.259031	-1376.762	
1.00000	-9.160501	-360.802169	-5.637326
-468.236334	-107.200561	-1469.444	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.789506	241.520390	6.171251
568.247124	83.363126	6339.993	
0.25000	9.137072	267.316240	6.171251
568.247124	82.319168	6525.401	
0.50000	8.540737	293.800465	6.171251
568.247124	82.504679	6698.845	
0.75000	7.972298	320.696643	6.171251
568.247124	83.962961	6867.067	
1.00000	7.436910	347.960546	6.171251
568.247124	86.357181	7017.521	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.395245	-462.464714	-6.335243
-578.850255	-95.387997	-871.047555	
0.25000	-8.113012	-438.612067	-6.335243
-544.751513	-94.174050	-944.780400	
0.50000	-8.837853	-415.518147	-6.335243
-523.685235	-94.082399	-1018.520	
0.75000	-9.563830	-393.228789	-6.335243
-519.259042	-95.092654	-1092.262	
1.00000	-10.289982	-371.965395	-6.335243
-519.232127	-97.085084	-1166.003	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.663766	231.684523	5.593550
594.762603	91.255801	6938.732	
0.25000	9.112477	249.426036	5.593550
599.307638	91.640027	7203.752	
0.50000	8.587397	268.190306	5.593550
603.852672	92.620575	7445.536	
0.75000	8.092383	287.783056	5.593550
608.397706	94.118056	7666.100	
1.00000	7.630821	308.028749	5.593550
612.942740	96.021149	7855.331	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.035542	-444.653555	-5.669235
-651.286905	-109.920149	-1098.562	
0.25000	-7.536323	-422.263723	-5.669235
-628.002634	-110.319130	-1191.378	
0.50000	-8.060576	-400.704578	-5.669235
-606.064105	-111.207083	-1284.080	
0.75000	-8.652382	-380.175508	-5.669235
-585.956341	-112.681590	-1376.762	
1.00000	-9.277704	-360.802169	-5.669235
-579.716328	-114.633657	-1469.444	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.789506	241.520390	6.171251
594.762603	91.255801	6938.732	
0.25000	9.137072	267.316240	6.171251
599.307638	91.640027	7203.752	
0.50000	8.587397	293.800465	6.171251
603.852672	92.620575	7445.536	
0.75000	8.092383	320.696643	6.171251
608.397706	94.118056	7666.100	
1.00000	7.630821	347.960546	6.171251
612.942740	96.021149	7855.331	

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COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.395245	-462.464714	-6.335243
-651.286905	-109.920149	-1098.562	
0.25000	-8.113012	-438.612067	-6.335243
-628.002634	-110.319130	-1191.378	
0.50000	-8.837853	-415.518147	-6.335243
-606.064105	-111.207083	-1284.080	
0.75000	-9.563830	-393.228789	-6.335243
-585.956341	-112.681590	-1376.762	
1.00000	-10.289982	-371.965395	-6.335243
-579.716328	-114.633657	-1469.444	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.789506	241.520390	6.171251
594.762603	91.255801	6938.732	
0.25000	9.137072	267.316240	6.171251
599.307638	91.640027	7203.752	
0.50000	8.587397	293.800465	6.171251
603.852672	92.620575	7445.536	
0.75000	8.092383	320.696643	6.171251
608.397706	94.118056	7666.100	
1.00000	7.630821	347.960546	6.171251
612.942740	96.021149	7855.331	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.395245	-462.464714	-6.335243
-651.286905	-109.920149	-1098.562	
0.25000	-8.113012	-438.612067	-6.335243
-628.002634	-110.319130	-1191.378	
0.50000	-8.837853	-415.518147	-6.335243
-606.064105	-111.207083	-1284.080	
0.75000	-9.563830	-393.228789	-6.335243
-585.956341	-112.681590	-1376.762	
1.00000	-10.289982	-371.965395	-6.335243
-579.716328	-114.633657	-1469.444	

ELEM 38 ========== LENGTH = 4.993674

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.835799	27.316281	3.976799
104.052641	61.591110	1709.953	
0.25000	0.827586	27.596625	3.976799
104.813983	60.236354	1718.564	
0.50000	0.820146	27.885097	3.976799
105.612042	59.937156	1731.152	
0.75000	0.813009	28.178978	3.976799
106.439832	60.677594	1747.103	
1.00000	0.806241	28.496562	3.976799
107.394294	62.309671	1767.119	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.294002	-44.065753	-3.350918
-208.276187	-2.208192	-455.914690	
0.25000	-1.301703	-43.750300	-3.350918
-207.320365	-2.122867	-485.646034	
0.50000	-1.309518	-43.461347	-3.350918
-206.489275	-2.039285	-515.377378	
0.75000	-1.317382	-43.181029	-3.350918
-205.687324	-1.962092	-545.108723	
1.00000	-1.325769	-42.912093	-3.350918
-204.921707	-1.897153	-574.840067	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.080923	101.930920	5.119772
318.001633	79.695831	3868.044	
0.25000	2.080619	101.941306	5.119772
318.029869	78.670908	3847.210	
0.50000	2.080343	101.951993	5.119772
318.059465	78.993801	3853.274	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	2.080079	101.962880	5.119772
318.090163	80.606966	3895.011	
1.00000	2.079828	101.974648	5.119772
318.125561	83.218114	3964.234	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.797764	-122.438939	-4.474084
-415.786640	-9.199562	-863.094873	
0.25000	-3.798050	-122.427251	-4.474084
-415.751191	-8.763243	-918.881540	
0.50000	-3.798339	-122.416546	-4.474084
-415.720371	-8.336034	-974.668207	
0.75000	-3.798631	-122.406161	-4.474084
-415.690631	-8.590666	-1030.455	
1.00000	-3.798941	-122.396197	-4.474084
-415.662236	-8.846845	-1086.242	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.438425	238.176143	6.678024
389.466748	77.403897	6244.282	
0.25000	5.986990	254.201110	6.678024
415.229337	76.865488	6263.529	
0.50000	5.566662	270.703757	6.678024
450.095237	77.522288	6280.807	
0.75000	5.164486	287.520645	6.678024
486.690961	79.333670	6305.317	
1.00000	4.784375	305.147096	6.678024
527.860071	82.035422	6334.112	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.908956	-317.053347	-6.717051
-547.926991	-53.630084	-1162.806	
0.25000	-8.346677	-299.567061	-6.717051
-509.392803	-53.029240	-1237.198	
0.50000	-8.790891	-283.076125	-6.717051
-474.650621	-52.785539	-1311.590	
0.75000	-9.237820	-267.098439	-6.717051
-443.171693	-53.793136	-1385.981	
1.00000	-9.700236	-251.798609	-6.717051
-425.878943	-55.539534	-1460.373	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.598716	187.448281	3.392047
237.769698	3.578873	3497.933	
0.25000	5.104577	206.110615	3.392047
237.769698	3.797922	3542.717	
0.50000	4.623805	225.351676	3.392047
237.769698	4.037926	3554.954	
0.75000	4.165522	244.968192	3.392047
237.769698	4.290657	3535.814	
1.00000	3.734532	264.570553	3.392047
237.769698	4.555635	3492.838	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.747709	-253.677491	-4.237641
-130.948872	-71.734823	-463.107121	
0.25000	-6.253049	-234.270559	-4.237641
-130.948872	-70.197601	-491.940745	
0.50000	-6.766016	-215.111023	-4.237641
-130.948872	-69.781469	-520.774370	
0.75000	-7.281958	-196.584319	-4.237641
-130.948872	-70.429934	-549.607995	
1.00000	-7.790686	-178.894279	-4.237641
-130.948872	-71.884766	-578.441619	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.352995	300.552653	4.368461
412.813527	12.231155	6023.090	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	7.685417	325.183011	4.368461
412.813527	12.932148	6054.078	
0.50000	7.046696	350.567674	4.368461
412.813527	13.642953	6062.992	
0.75000	6.436954	376.441606	4.368461
412.813527	14.364355	6059.817	
1.00000	5.862456	402.765343	4.368461
413.249158	15.092835	6044.183	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.326657	-391.449115	-5.497507
-270.322839	-90.621843	-871.534959	
0.25000	-9.995735	-365.367459	-5.497507
-265.334164	-88.818712	-926.262192	
0.50000	-10.674883	-340.059568	-5.497507
-265.334164	-88.274284	-980.989425	
0.75000	-11.358006	-315.567950	-5.497507
-265.334164	-89.612667	-1035.717	
1.00000	-12.044007	-292.158905	-5.497507
-265.334164	-91.929033	-1090.444	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.046414	302.830647	6.470184
501.533700	47.576058	7017.575	
0.25000	7.454558	324.691360	6.470184
501.533700	47.631511	7045.488	
0.50000	6.887838	347.221959	6.470184
501.533700	48.547297	7059.925	
0.75000	6.346868	370.187075	6.470184
501.533700	50.087113	7071.999	
1.00000	5.837212	393.531568	6.470184
501.533700	52.161259	7080.786	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.698307	-393.821603	-7.153903
-419.206467	-83.882019	-1166.114	
0.25000	-10.292058	-370.692641	-7.153903
-418.942070	-82.218766	-1240.098	
0.50000	-10.894746	-348.231487	-7.153903
-418.942070	-81.685077	-1314.082	
0.75000	-11.500961	-326.495619	-7.153903
-418.942070	-82.931806	-1388.066	
1.00000	-12.109204	-305.721507	-7.153903
-418.942070	-85.059088	-1462.050	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.044553	46.425342	3.479471
122.460294	68.232738	2207.898	
0.25000	1.037592	46.670344	3.479471
123.066354	67.289974	2239.209	
0.50000	1.030994	46.930918	3.479471
123.723937	66.945759	2271.550	
0.75000	1.024805	47.204327	3.479471
124.424548	67.120718	2303.979	
1.00000	1.019084	47.488500	3.479471
125.159418	67.606286	2337.763	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.989865	-52.042285	-3.043260
-209.311999	-2.907580	-575.739659	
0.25000	-1.996752	-51.759576	-3.043260
-208.612853	-2.834673	-613.126528	
0.50000	-2.004005	-51.489020	-3.043260
-207.947670	-2.810262	-650.514252	
0.75000	-2.011557	-51.232422	-3.043260
-207.325140	-2.813702	-687.901214	
1.00000	-2.019347	-50.992314	-3.043260
-206.754112	-2.833252	-725.287571	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.310864	131.680975	4.601479
321.039932	89.336525	4713.763	
0.25000	2.310702	131.686687	4.601479
321.054275	89.074153	4747.673	
0.50000	2.310548	131.692762	4.601479
321.069832	89.438025	4795.049	
0.75000	2.310404	131.699138	4.601479
321.086403	90.346257	4862.702	
1.00000	2.310270	131.705765	4.601479
321.103785	91.685212	4944.479	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.526515	-134.138340	-4.275319
-426.291316	-14.780058	-1088.211	
0.25000	-4.526676	-134.131745	-4.275319
-426.274755	-14.806279	-1158.518	
0.50000	-4.526845	-134.125434	-4.275319
-426.258999	-14.865368	-1228.820	
0.75000	-4.527021	-134.119450	-4.275319
-426.244250	-15.044357	-1299.123	
1.00000	-4.527202	-134.113852	-4.275319
-426.230714	-15.569291	-1369.425	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.390534	248.065129	6.097221
411.276575	87.591874	7175.167	
0.25000	6.015856	261.569960	6.097221
434.118155	87.793480	7261.962	
0.50000	5.659887	275.865139	6.097221
459.206322	88.558094	7334.733	
0.75000	5.325291	290.826636	6.097221
486.039005	89.814514	7400.073	
1.00000	5.015066	306.323335	6.097221
514.114361	91.454997	7452.474	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.234404	-298.870982	-6.318160
-556.808155	-65.814610	-1466.899	
0.25000	-8.614631	-283.517364	-6.318160
-531.153313	-66.107039	-1560.185	
0.50000	-9.013375	-268.781889	-6.318160
-506.747893	-66.599029	-1653.467	
0.75000	-9.427068	-254.768955	-6.318160
-484.094558	-67.456239	-1746.798	
1.00000	-9.852261	-241.627169	-6.318160
-463.676977	-68.857502	-1840.045	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.596117	164.578645	3.142941
248.713640	5.139274	3730.597	
0.25000	5.166730	180.630124	3.142941
246.814366	5.396787	3798.318	
0.50000	4.757057	197.525093	3.142941
243.983885	5.673974	3833.787	
0.75000	4.370570	215.127910	3.142941
240.944574	5.972351	3836.704	
1.00000	4.010376	233.256764	3.142941
237.905030	6.296061	3807.686	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.463838	-219.412264	-3.760975
-151.257040	-81.950572	-586.589552	
0.25000	-5.917256	-201.562058	-3.760975
-152.397310	-80.984299	-623.104524	
0.50000	-6.389720	-184.351676	-3.760975
-152.607020	-80.595629	-659.633896	
0.75000	-6.877231	-167.918687	-3.760975
-152.607020	-80.730100	-696.175406	
1.00000	-7.375523	-152.427177	-3.760975
-152.607020	-81.214231	-732.705930	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.155843	277.224813	4.158255
397.702476	16.133131	6519.062	
0.25000	7.589460	298.122569	4.158255
399.997645	17.099404	6602.821	
0.50000	7.049976	320.163136	4.158255
404.079246	18.088683	6656.256	
0.75000	6.541711	343.166807	4.158255
409.486027	19.098767	6685.679	
1.00000	6.068903	366.897589	4.158255
414.952938	20.123911	6685.124	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.843009	-347.248873	-5.119250
-310.185921	-107.123169	-1103.638	
0.25000	-9.432586	-323.829347	-5.119250
-307.014179	-106.493551	-1172.755	
0.50000	-10.048272	-301.284506	-5.119250
-305.629078	-106.389173	-1241.867	
0.75000	-10.684948	-279.787676	-5.119250
-305.568138	-106.990753	-1311.069	
1.00000	-11.336757	-259.560571	-5.119250
-305.568138	-108.409643	-1380.123	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.022052	295.976404	5.987356
485.178768	56.079830	7855.623	
0.25000	7.517832	314.589752	5.987356
487.092760	56.862633	7951.347	
0.50000	7.037534	334.219422	5.987356
490.581092	57.948016	8023.609	
0.75000	6.585008	354.705536	5.987356
495.106689	59.272207	8078.750	

```
 1.00000      6.164017   375.837692     5.987356
499.651117   60.970904     8109.977

 COMB DL-G2-3 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -9.613778  -360.384380     -6.644683
 -457.261553  -100.619730   -1469.598
  0.25000     -10.138940  -339.531196     -6.644683
 -454.631104  -100.213152   -1562.637
  0.50000     -10.687299  -319.455638     -6.644683
 -453.575121  -100.294759   -1655.679
  0.75000     -11.254311  -300.312223     -6.644683
 -453.555568  -101.053721   -1748.800
  1.00000     -11.834879  -282.298275     -6.644683
 -453.555568  -102.642111   -1841.790

 COMB       DB ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      8.352995   302.830647     6.678024
501.533700   79.695831     7017.575
  0.25000      7.685417   325.183011     6.678024
501.533700   78.670908     7045.488
  0.50000      7.046696   350.567674     6.678024
501.533700   78.993801     7059.925
  0.75000      6.436954   376.441606     6.678024
501.533700   80.606966     7071.999
  1.00000      5.862456   402.765343     6.678024
527.860071   83.218114     7080.786

 COMB       DB ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -9.698307  -393.821603     -7.153903
 -547.926991   -90.621843   -1166.114
  0.25000     -10.292058  -370.692641     -7.153903
 -509.392803   -88.818712   -1240.098
  0.50000     -10.894746  -348.231487     -7.153903
 -474.650621   -88.274284   -1314.082
  0.75000     -11.500961  -326.495619     -7.153903
 -443.171693   -89.612667   -1388.066
  1.00000     -12.109204  -305.721507     -7.153903
 -425.878943   -91.929033   -1462.050
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 COMB       DL ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      8.155843   295.976404     6.097221
485.178768   89.336525     7855.623
  0.25000      7.589460   314.589752     6.097221
487.092760   89.074153     7951.347
  0.50000      7.049976   334.219422     6.097221
490.581092   89.438025     8023.609
  0.75000      6.585008   354.705536     6.097221
495.106689   90.346257     8078.750
  1.00000      6.164017   375.837692     6.097221
514.114361   91.685212     8109.977

 COMB       DL ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -9.613778  -360.384380     -6.644683
 -556.808155  -107.123169   -1469.598
  0.25000     -10.138940  -339.531196     -6.644683
 -531.153313  -106.493551   -1562.637
  0.50000     -10.687299  -319.455638     -6.644683
 -506.747893  -106.389173   -1655.679
  0.75000     -11.254311  -300.312223     -6.644683
 -484.094558  -106.990753   -1748.800
  1.00000     -11.834879  -282.298275     -6.644683
 -463.676977  -108.409643   -1841.790

 COMB       CAR ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      8.352995   302.830647     6.678024
501.533700   89.336525     7855.623
  0.25000      7.685417   325.183011     6.678024
501.533700   89.074153     7951.347
  0.50000      7.049976   350.567674     6.678024
501.533700   89.438025     8023.609
  0.75000      6.585008   376.441606     6.678024
501.533700   90.346257     8078.750
  1.00000      6.164017   402.765343     6.678024
527.860071   91.685212     8109.977

 COMB       CAR ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -9.698307  -393.821603     -7.153903
 -556.808155  -107.123169   -1469.598
  0.25000     -10.292058  -370.692641     -7.153903
 -531.153313  -106.493551   -1562.637
  0.50000     -10.894746  -348.231487     -7.153903
 -506.747893  -106.389173   -1655.679
  0.75000     -11.500961  -326.495619     -7.153903
 -484.094558  -106.990753   -1748.800
  1.00000     -12.109204  -305.721507     -7.153903
 -463.676977  -108.409643   -1841.790

 COMB    DESIGN ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      8.352995   302.830647     6.678024
501.533700   89.336525     7855.623
  0.25000      7.685417   325.183011     6.678024
501.533700   89.074153     7951.347
  0.50000      7.049976   350.567674     6.678024
501.533700   89.438025     8023.609
  0.75000      6.585008   376.441606     6.678024
501.533700   90.346257     8078.750
  1.00000      6.164017   402.765343     6.678024
527.860071   91.685212     8109.977

 COMB    DESIGN ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -9.698307  -393.821603     -7.153903
 -556.808155  -107.123169   -1469.598
  0.25000     -10.292058  -370.692641     -7.153903
 -531.153313  -106.493551   -1562.637
  0.50000     -10.894746  -348.231487     -7.153903
 -506.747893  -106.389173   -1655.679
  0.75000     -11.500961  -326.495619     -7.153903
 -484.094558  -106.990753   -1748.800
  1.00000     -12.109204  -305.721507     -7.153903
 -463.676977  -108.409643   -1841.790
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 4.993996

 COMB DB-G1-1 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      1.035730    55.903257     3.856396
205.148306    57.181185     1767.132
  0.25000      1.027861    56.177553     3.856396
205.913506    56.073706     1728.114
  0.50000      1.020745    56.460595     3.856396
206.718050    56.035145     1693.218
  0.75000      1.013922    56.749698     3.856396
207.554682    57.041298     1662.812
  1.00000      1.007462    57.062997     3.856396
208.518453    58.936112     1637.533

 COMB DB-G1-1 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -2.159712   -22.939039    -3.458022
-118.391936    -2.345945  -574.702445
  0.25000     -2.166981   -22.627360    -3.458022
-117.424246    -2.241714  -602.784439
  0.50000     -2.174384   -22.342098    -3.458022
-116.580103    -2.138902  -630.866433
  0.75000     -2.181860   -22.065468    -3.458022
-115.762358    -2.277017  -658.948427
  1.00000     -2.189879   -21.800445    -3.458022
-114.978422    -2.693903  -687.030421

 COMB DB-G1-2 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      1.923518   156.373074     4.942761
426.852415    76.851872     3964.275
  0.25000      1.923226   156.383236     4.942761
426.880794    76.117033     3848.400
  0.50000      1.922963   156.393722     4.942761
426.910631    76.748434     3759.346
  0.75000      1.922710   156.404433     4.942761
426.941656    78.665097     3709.242
  1.00000      1.922470   156.416041     4.942761
426.977399    81.592607     3688.340

 COMB DB-G1-2 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -5.417726   -79.997802    -4.655525
-316.165802    -9.531442   -1086.116
  0.25000     -5.417996   -79.986254    -4.655525
-316.129914    -9.760999   -1139.938
  0.50000     -5.418270   -79.975685    -4.655525
-316.098610    -9.990604   -1193.761
  0.75000     -5.418547   -79.965437    -4.655525
-316.068284   -10.222024   -1247.583
  1.00000     -5.418844   -79.955618    -4.655525
-316.039210   -11.048628   -1301.406

 COMB DB-G1-3 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      5.677203   311.112172     6.554258
433.584195    76.365999     6334.200
  0.25000      5.246723   326.757889     6.554258
455.149961    76.173208     6227.261
  0.50000      4.846330   342.920568     6.554258
485.259500    77.192621     6120.125
  0.75000      4.463499   359.438784     6.554258
520.403173    79.361210     6024.158
  1.00000      4.102514   376.802717     6.554258
559.472351    82.431582     5929.972

 COMB DB-G1-3 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000    -10.012303  -256.547482    -6.855934
-524.021046   -50.515296   -1460.363
  0.25000    -10.423388  -239.289820    -6.855934
-482.085628   -50.564070   -1534.015
  0.50000    -10.842314  -223.018570    -6.855934
-444.579837   -50.979731   -1607.666
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 REL_DIST             P             V2             V3
        T             M2            M3
  0.75000    -11.265380  -207.261928    -6.855934
-411.327362   -51.976067   -1681.318
  1.00000    -11.705390  -192.200235    -6.855934
-381.227754   -54.219907   -1754.969

 COMB DB-G2-1 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      4.899697   216.119499     3.484377
137.848708    3.922991     3492.665
  0.25000      4.432283   234.281405     3.484377
137.848708    4.360095     3489.162
  0.50000      3.977118   253.074756     3.484377
137.848708    4.812236     3455.934
  0.75000      3.543821   272.298812     3.484377
137.848708    5.270855     3392.365
  1.00000      3.137762   291.564671     3.484377
137.848708    5.735465     3298.467

 COMB DB-G2-1 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -6.493092  -226.954923    -4.193578
-241.222711   -66.746161  -578.582211
  0.25000     -6.964084  -207.836725    -4.193578
-241.222711   -65.299394  -609.090029
  0.50000     -7.444481  -188.948350    -4.193578
-241.222711   -65.008299  -639.597846
  0.75000     -7.929445  -170.696987    -4.193578
-241.222711   -65.803421  -670.105663
  1.00000     -8.409629  -153.309576    -4.193578
-241.222711   -67.404676  -700.613481

 COMB DB-G2-2 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      7.042602   354.837680     4.451333
288.063027   14.625308     6044.093
  0.25000      6.409189   378.836084     4.451333
288.063027   15.605316     5980.312
  0.50000      5.803101   403.654884     4.451333
288.063027   16.586178     5896.942
  0.75000      5.225151   429.032139     4.451333
288.063027   17.569176     5804.207
  1.00000      4.682275   454.926903     4.451333
288.063027   18.552414     5692.413

 COMB DB-G2-2 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000    -10.797902  -342.077804    -5.462820
-406.063159   -84.451140   -1090.647
  0.25000    -11.423259  -316.366743    -5.462820
-403.166733   -83.395682   -1147.350
  0.50000    -12.060928  -291.409100    -5.462820
-403.166733   -83.631505   -1204.053
  0.75000    -12.704905  -267.272249    -5.462820
-403.166733   -85.112091   -1260.755
  1.00000    -13.354433  -244.250452    -5.462820
-403.166733   -87.580026   -1317.458

 COMB DB-G2-3 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      6.956794   375.920938     6.430070
445.687282   47.861115     7080.722
  0.25000      6.395307   397.219551     6.430070
445.687282   48.338856     6981.231
  0.50000      5.857600   419.246858     6.430070
445.687282   49.731489     6871.791
  0.75000      5.344897   441.770245     6.430070
445.687282   51.718807     6763.671
  1.00000      4.863362   464.733362     6.430070
445.687282   54.238523     6647.806

 COMB DB-G2-3 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000    -11.754210  -331.088434    -7.228784
-490.713073   -78.794609   -1462.166
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 REL_DIST             P             V2             V3
        T             M2            M3
  0.25000    -12.309088  -308.288837    -7.228784
-490.713073   -77.882963   -1536.904
  0.50000    -12.874898  -286.138869    -7.228784
-490.713073   -78.191349   -1611.642
  0.75000    -13.446308  -264.718241    -7.228784
-490.713073   -80.173256   -1686.381
  1.00000    -14.022130  -244.288347    -7.228784
-490.713073   -83.180095   -1761.119

 COMB DL-G1-1 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      1.187273    76.719023     3.847987
228.761167   62.153974     2337.712
  0.25000      1.180861    76.975691     3.847987
229.336526   60.949913     2309.732
  0.50000      1.174783    77.247914     3.847987
229.964194   60.444149     2282.560
  0.75000      1.169097    77.533224     3.847987
230.635965   60.566589     2256.521
  1.00000      1.163854    77.829366     3.847987
231.343357   61.196200     2231.212

 COMB DL-G1-1 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -3.314502   -27.925051    -3.097401
-104.942769    -3.121079  -725.103734
  0.25000     -3.321580   -27.657782    -3.097401
-104.207362    -3.206078  -760.404411
  0.50000     -3.329019   -27.401857    -3.097401
-103.505470    -3.445986  -795.720826
  0.75000     -3.336751   -27.159883    -3.097401
-102.846254    -3.932357  -831.037099
  1.00000     -3.344718   -26.934010    -3.097401
-102.238105    -4.701690  -866.359316

 COMB DL-G1-2 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      2.259415   190.405431     5.031932
445.357249   85.409301     4944.455
  0.25000      2.059265   190.411414     5.031932
445.370886   84.759635     4861.455
  0.50000      2.059123   190.417760     5.031932
445.385757   84.823740     4792.730
  0.75000      2.058990   190.424412     5.031932
445.401675   85.618676     4745.534
  1.00000      2.058868   190.431318     5.031932
445.418424   87.176787     4712.883

 COMB DL-G1-2 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -6.753899   -86.724034    -4.364090
-307.298136   -16.310401   -1369.274
  0.25000     -6.754064   -86.717798    -4.364090
-307.280743   -16.802479   -1437.039
  0.50000     -6.754238   -86.711828    -4.364090
-307.264145   -17.408816   -1504.784
  0.75000     -6.754418   -86.706184    -4.364090
-307.248553   -18.281634   -1572.542
  1.00000     -6.754604   -86.700916    -4.364090
-307.234163   -20.029602   -1640.300

 COMB DL-G1-3 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      5.688891   327.159921     6.493160
455.165375   85.665844     7452.478
  0.25000      5.345285   341.332108     6.493160
475.721215   85.658491     7379.477
  0.50000      5.018811   356.307572     6.493160
498.578703   86.302539     7293.591
  0.75000      4.712560   371.957234     6.493160
523.325572   87.623766     7201.862
  1.00000      4.429300   388.148708     6.493160
549.293604   89.640652     7097.717
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000    -11.076252  -232.005302    -6.646331
-520.231419   -63.128656   -1840.030
  0.25000    -11.467183  -217.542811    -6.646331
-491.949534   -63.666941   -1932.549
  0.50000    -11.876088  -203.651683    -6.646331
-464.900680   -64.493432   -2025.049
  0.75000    -12.299808  -190.482762    -6.646331
-439.592470   -65.845279   -2117.551
  1.00000    -12.734825  -178.148124    -6.646331
-416.504981   -68.184171   -2210.080

 COMB DL-G2-1 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      5.095383   197.035624     3.177318
126.284873    5.580365     3807.737
  0.25000      4.704386   213.940687     3.177318
126.284873    6.255441     3808.669
  0.50000      4.331158   231.697725     3.177318
126.284873    6.962554     3777.748
  0.75000      3.979660   250.173291     3.177318
126.157655    7.729926     3714.773
  1.00000      3.652930   269.188821     3.177318
125.132701    8.635890     3620.215

 COMB DL-G2-1 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000     -6.532712  -190.022928    -4.233091
-259.930046   -74.954923  -732.894973
  0.25000     -6.998693  -173.292087    -4.233091
-262.969802   -73.696290  -771.564668
  0.50000     -7.483356  -157.154791    -4.233091
-266.009558   -73.027164  -810.241137
  0.75000     -7.982797  -141.792550    -4.233091
-268.922096   -72.960383  -848.917608
  1.00000     -8.492742  -127.322461    -4.233091
-270.936898   -73.357000  -887.601031

 COMB DL-G2-2 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      7.117060   338.003890     4.209823
267.842269   19.499238     6685.210
  0.25000      6.600038   359.985904     4.209823
267.842269   21.017462     6644.945
  0.50000      6.107454   383.126721     4.209823
267.872548   22.549388     6574.710
  0.75000      5.644132   407.236400     4.209823
269.143585   24.093259     6481.619
  1.00000      5.214182   432.094482     4.209823
272.249573   25.645834     6359.276

 COMB DL-G2-2 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000    -10.766032  -293.368388    -5.673877
-452.907033   -99.695210   -1380.407
  0.25000    -11.372095  -271.372576    -5.673877
-447.439741   -99.127833   -1452.131
  0.50000    -12.003500  -250.192798    -5.673877
-442.002729   -99.095933   -1523.855
  0.75000    -12.655550  -230.059782    -5.673877
-437.806475   -99.756313   -1595.572
  1.00000    -13.322708  -211.131357    -5.673877
-435.445170  -100.939637   -1667.298

 COMB DL-G2-3 ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      7.064819   376.429443     6.197506
430.562251   56.800743     8110.037
  0.25000      6.604588   396.009432     6.197506
430.562251   57.968018     8042.905
  0.50000      6.166085   416.619999     6.197506
430.567140   59.488141     7952.333
  0.75000      5.753609   438.092131     6.197506
431.518728   61.314115     7846.021
  1.00000      5.370812   460.229284     6.197506
434.087692   63.592326     7717.708
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000    -12.348896  -291.368078    -7.160330
-523.693254   -94.918110   -1841.963
  0.25000    -12.888732  -271.784093    -7.160330
-519.148510   -94.731494   -1935.991
  0.50000    -13.451068  -252.925446    -7.160330
-514.608655   -95.103610   -2030.019
  0.75000    -14.031838  -234.997834    -7.160330
-511.015235   -96.334522   -2124.041
  1.00000    -14.625890  -218.141650    -7.160330
-509.039440   -98.303489   -2218.071

 COMB       DB ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      7.042602   375.920938     6.554258
445.687282   76.851872     7080.722
  0.25000      6.409189   397.219551     6.554258
455.149961   76.173208     6981.231
  0.50000      5.857600   419.246858     6.554258
485.259500   77.192621     6871.791
  0.75000      5.344897   441.770245     6.554258
520.403173   79.361210     6763.671
  1.00000      4.863362   464.733362     6.554258
559.472351   82.431582     6647.806

 COMB       DB ------------------- MIN

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000    -11.754210  -342.077804    -7.228784
-524.021046   -84.451140   -1462.166
  0.25000    -12.309088  -316.366743    -7.228784
-490.713073   -83.395682   -1536.904
  0.50000    -12.874898  -291.409100    -7.228784
-490.713073   -83.631505   -1611.642
  0.75000    -13.446308  -267.272249    -7.228784
-490.713073   -85.112091   -1686.381
  1.00000    -14.022130  -244.288347    -7.228784
-490.713073   -87.580026   -1761.119

 COMB       DL ------------------- MAX

 REL_DIST             P             V2             V3
        T             M2            M3
  0.00000      7.117060   376.429443     6.493160
455.165375   85.665844     8110.037
  0.25000      6.604588   396.009432     6.493160
475.721215   85.658491     8042.905
  0.50000      6.166085   416.619999     6.493160
498.578703   86.302539     7952.333
  0.75000      5.753609   438.092131     6.493160
523.325572   87.623766     7846.021
  1.00000      5.370812   460.229284     6.493160
```

549.293604 89.640652 7717.708

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.348896	-293.368388	-7.160330
-523.693254	-99.695210	-1841.963	
0.25000	-12.888732	-271.784093	-7.160330
-519.148510	-99.127833	-1935.991	
0.50000	-13.451068	-252.925446	-7.160330
-514.608655	-99.095933	-2030.019	
0.75000	-14.031838	-234.997834	-7.160330
-511.015235	-99.756313	-2124.041	
1.00000	-14.625890	-218.141650	-7.160330
-509.039440	-100.939637	-2218.071	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.117060	376.429443	6.554258
455.165375	85.665844	8110.037	
0.25000	6.604588	397.219551	6.554258
475.721215	85.658491	8042.905	
0.50000	6.166085	419.246858	6.554258
498.578703	86.302539	7952.333	
0.75000	5.753609	441.770245	6.554258
523.325572	87.623766	7846.021	
1.00000	5.370812	464.733362	6.554258
559.472351	89.640652	7717.708	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.348896	-342.077804	-7.228784
-524.021046	-99.695210	-1841.963	
0.25000	-12.888732	-316.366743	-7.228784
-519.148510	-99.127833	-1935.991	
0.50000	-13.451068	-291.409100	-7.228784
-514.608655	-99.095933	-2030.019	
0.75000	-14.031838	-267.272249	-7.228784
-511.015235	-99.756313	-2124.041	
1.00000	-14.625890	-244.288347	-7.228784
-509.039440	-100.939637	-2218.071	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.117060	376.429443	6.554258
455.165375	85.665844	8110.037	
0.25000	6.604588	397.219551	6.554258
475.721215	85.658491	8042.905	
0.50000	6.166085	419.246858	6.554258
498.578703	86.302539	7952.333	
0.75000	5.753609	441.770245	6.554258
523.325572	87.623766	7846.021	
1.00000	5.370812	464.733362	6.554258
559.472351	89.640652	7717.708	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.348896	-342.077804	-7.228784
-524.021046	-99.695210	-1841.963	
0.25000	-12.888732	-316.366743	-7.228784
-519.148510	-99.127833	-1935.991	
0.50000	-13.451068	-291.409100	-7.228784
-514.608655	-99.095933	-2030.019	
0.75000	-14.031838	-267.272249	-7.228784
-511.015235	-99.756313	-2124.041	
1.00000	-14.625890	-244.288347	-7.228784
-509.039440	-100.939637	-2218.071	

ELEM 40 ========== LENGTH = 4.994460

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.241880	82.355093	4.078131
295.229395	54.212484	1637.919	
0.25000	1.234185	82.624670	4.078131
295.970628	52.824351	1558.691	
0.50000	1.227267	82.903867	4.078131
296.761939	52.472267	1483.698	
0.75000	1.220637	83.189914	4.078131
297.617524	53.101022	1413.967	
1.00000	1.214368	83.500667	4.078131
298.605765	54.546018	1349.562	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.884647	-10.338960	-3.052944
-41.379299	-2.401488	-686.922414	
0.25000	-2.891666	-10.031453	-3.052944
-40.390141	-3.267547	-711.092815	
0.50000	-2.898855	-9.751735	-3.052944
-39.526605	-4.352730	-735.289479	
0.75000	-2.906147	-9.480888	-3.052944
-38.684930	-5.501929	-759.521036	
1.00000	-2.914011	-9.222073	-3.052944
-37.872382	-6.701122	-783.784476	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.871006	207.385132	5.118340
524.117535	75.793318	3688.896	
0.25000	1.870721	207.395119	5.118340
524.145025	74.763257	3488.668	
0.50000	1.870464	207.405463	5.118340
524.174404	75.096055	3317.191	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.870219	207.416060	5.118340
524.206134	76.597004	3184.760	
1.00000	1.869986	207.427575	5.118340
524.242784	79.031862	3090.611	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.812735	-47.844244	-4.307925
-224.768140	-11.139762	-1301.322	
0.25000	-6.812995	-47.832850	-4.307925
-224.731456	-12.494214	-1350.448	
0.50000	-6.813262	-47.822487	-4.307925
-224.699433	-14.024495	-1399.601	
0.75000	-6.813532	-47.812452	-4.307925
-224.668220	-15.818841	-1448.805	
1.00000	-6.813823	-47.802863	-4.307925
-224.638084	-17.902364	-1498.042	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.152633	381.391230	6.419443
498.543506	77.270452	5930.351	
0.25000	4.734269	396.776281	6.419443
513.528642	76.937965	5697.257	
0.50000	4.347084	412.712820	6.419443
535.243728	77.814237	5467.441	
0.75000	3.977754	429.032561	6.419443
557.522348	79.853447	5250.758	
1.00000	3.630803	446.206159	6.419443
597.675923	82.791988	5047.110	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-11.894435	-204.647628	-6.755679
-496.633354	-48.828707	-1754.977	
0.25000	-12.290421	-187.661785	-6.755679
-453.704808	-49.545185	-1826.712	
0.50000	-12.695845	-171.731280	-6.755679
-415.824151	-50.834661	-1898.471	
0.75000	-13.106764	-156.350662	-6.755679
-386.555071	-52.941797	-1970.275	
1.00000	-13.535559	-141.712797	-6.755679
-363.073320	-56.043346	-2042.108	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.349979	246.194632	3.077476
54.074861	4.957904	3298.029	
0.25000	3.900451	264.068974	3.077476
54.074861	5.852693	3232.334	
0.50000	3.464075	282.587807	3.077476
54.074861	6.805741	3139.287	
0.75000	3.050832	301.539027	3.077476
54.074861	7.822471	3018.529	
1.00000	2.666516	320.504873	3.077476
54.074861	8.913375	2870.594	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.239579	-198.363611	-4.466410
-339.833668	-62.456118	-700.715422	
0.25000	-7.691550	-179.620295	-4.466410
-339.833668	-60.638740	-735.031365	
0.50000	-8.154126	-161.170414	-4.466410
-339.833668	-59.945281	-769.347312	
0.75000	-8.622221	-143.436463	-4.466410
-339.833668	-60.292152	-803.664009	
1.00000	-9.085247	-126.663378	-4.466410
-339.833668	-61.377864	-837.980734	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.032382	409.898310	3.895962
186.718972	17.996946	5692.075	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	5.420734	433.509371	3.895962
186.718972	19.913614	5518.650	
0.50000	4.837823	457.971220	3.895962
186.718972	21.839287	5328.947	
0.75000	4.284242	483.008791	3.895962
186.718972	23.772630	5132.088	
1.00000	3.767456	508.545039	3.895962
186.718972	25.713605	4926.967	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.209386	-292.109155	-5.908421
-522.254285	-80.302656	-1317.622	
0.25000	-12.810331	-266.864474	-5.908421
-522.254285	-78.763416	-1378.758	
0.50000	-13.425491	-242.465633	-5.908421
-522.254285	-78.479029	-1439.894	
0.75000	-14.048393	-218.973267	-5.908421
-522.254285	-79.384185	-1501.030	
1.00000	-14.677157	-196.703876	-5.908421
-522.254285	-81.198056	-1562.166	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.145929	448.077497	6.009842
403.816846	50.097834	6647.766	
0.25000	5.603838	469.032654	6.009842
403.816846	51.328948	6410.951	
0.50000	5.086771	490.742922	6.009842
403.816846	53.536194	6169.869	
0.75000	4.595785	512.963958	6.009842
403.816846	56.290708	5934.561	
1.00000	4.137517	535.607287	6.009842
403.816846	59.542753	5702.324	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.651669	-271.899401	-7.454041
-549.441729	-76.582257	-1761.222	
0.25000	-14.184851	-249.514943	-7.454041
-549.441729	-75.816335	-1837.532	
0.50000	-14.730641	-227.861785	-7.454041
-549.441729	-76.192573	-1913.853	
0.75000	-15.283286	-207.014796	-7.454041
-549.441729	-77.797474	-1990.210	
1.00000	-15.840596	-187.255174	-7.454041
-549.441729	-80.345549	-2066.580	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.508197	110.136980	4.712844
344.738760	56.124284	2231.682	
0.25000	1.502151	110.405581	4.712844
345.288104	54.602674	2149.643	
0.50000	1.496416	110.690341	4.712844
345.896024	53.735619	2068.619	
0.75000	1.491046	110.988643	4.712844
346.554535	53.501920	1988.697	
1.00000	1.486104	111.298178	4.712844
347.254881	53.739390	1910.073	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.616041	-14.678723	-2.656103
-34.688219	-4.353024	-866.212738	
0.25000	-4.623389	-14.426487	-2.656103
-33.922199	-5.936704	-896.595374	
0.50000	-4.631112	-14.184908	-2.656103
-33.184866	-7.689547	-926.959996	
0.75000	-4.639144	-13.956826	-2.656103
-32.485451	-9.623349	-958.427250	
1.00000	-4.647420	-13.744495	-2.656103
-31.833889	-11.861859	-988.872097	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.194136	255.264041	5.983120
575.205604	81.369385	4713.477	
0.25000	2.193994	255.270301	5.983120
575.218645	80.289669	4526.280	
0.50000	2.193861	255.276938	5.983120
575.233067	80.226136	4347.972	
0.75000	2.193735	255.283893	5.983120
575.248683	80.851466	4192.100	
1.00000	2.193620	255.291113	5.983120
575.265289	82.068362	4052.990	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.048777	-54.884514	-3.938251
-219.393500	-19.983166	-1640.208	
0.25000	-9.048948	-54.878627	-3.938251
-219.375406	-22.042071	-1701.962	
0.50000	-9.049128	-54.872990	-3.938251
-219.357990	-24.620821	-1763.705	
0.75000	-9.049316	-54.867668	-3.938251
-219.341470	-27.473475	-1825.469	
1.00000	-9.049509	-54.862714	-3.938251
-219.326072	-30.659600	-1887.241	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.502922	416.836643	7.050734
541.508624	84.147045	7097.978	
0.25000	5.180654	431.732095	7.050734
556.686791	84.160332	6875.579	
0.50000	4.874301	447.441071	7.050734
577.889489	85.105333	6635.556	
0.75000	4.587100	463.840874	7.050734
601.151230	86.801143	6391.187	
1.00000	4.322423	480.785504	7.050734
625.957897	89.198556	6137.324	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-14.121010	-180.992964	-6.846936
-525.985000	-61.796150	-2210.101	
0.25000	-14.527562	-167.417270	-6.846936
-495.442611	-63.155793	-2300.286	
0.50000	-14.952443	-154.381353	-6.846936
-465.972778	-65.159871	-2390.462	
0.75000	-15.392347	-142.059351	-6.846936
-438.107081	-67.765206	-2480.633	
1.00000	-15.843426	-130.564030	-6.846936
-412.394967	-71.027020	-2570.818	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.774186	236.707288	2.722248
44.350036	7.694763	3619.729	
0.25000	4.410265	254.583067	2.722248
44.350036	9.413917	3550.923	
0.50000	4.063463	273.303580	2.722248
44.350036	11.286591	3450.855	
0.75000	3.737484	292.728937	2.722248
44.350036	13.352838	3319.421	
1.00000	3.436371	312.666362	2.722248
44.350036	15.664362	3157.540	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.802866	-161.801159	-5.199680
-380.171363	-67.304901	-887.740273	
0.25000	-8.288130	-146.228593	-5.199680
-383.211386	-65.352450	-931.266421	
0.50000	-8.791982	-131.222634	-5.199680
-386.251409	-64.121215	-974.792488	
0.75000	-9.310198	-117.010352	-5.199680
-389.291432	-63.566943	-1018.319	
1.00000	-9.837679	-103.709114	-5.199680
-392.331455	-63.564196	-1061.832	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.448350	409.798166	3.629881
182.239070	24.590152	6358.752	
0.25000	5.965921	432.994112	3.629881
182.239070	27.426736	6195.153	
0.50000	5.506370	457.344743	3.629881
182.239070	30.429720	5997.421	
0.75000	5.075015	482.665570	3.629881
182.239070	33.620320	5779.324	
1.00000	4.676853	508.715231	3.629881
182.254745	37.056453	5534.902	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.991434	-244.317517	-6.884696
-603.141623	-92.063731	-1667.540	
0.25000	-13.622137	-223.783655	-6.884696
-597.673851	-90.567661	-1744.946	
0.50000	-14.278645	-204.024626	-6.884696
-592.206079	-89.773322	-1822.352	
0.75000	-14.955433	-185.323338	-6.884696
-586.738307	-89.780277	-1899.652	
1.00000	-15.646019	-167.840825	-6.884696
-581.286211	-90.517381	-1977.090	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.617973	469.504095	6.135310
416.240661	59.399875	7717.552	
0.25000	6.188582	490.167072	6.135310
416.240661	61.239944	7494.807	
0.50000	5.779539	511.856600	6.135310
416.240661	63.622045	7242.700	
0.75000	5.395580	534.408425	6.135310
416.240661	66.514629	6976.311	
1.00000	5.041157	557.607280	6.135310
416.240661	70.184940	6691.137	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.397664	-233.979964	-8.022133
-610.789722	-90.394668	-2218.236	
0.25000	-15.959458	-215.698336	-8.022133
-606.244579	-89.763749	-2314.210	
0.50000	-16.544182	-198.108252	-8.022133
-601.699436	-89.918139	-2410.197	
0.75000	-17.146913	-181.458115	-8.022133
-597.154294	-90.971587	-2506.109	
1.00000	-17.761872	-165.892398	-8.022133
-592.609151	-93.008008	-2602.138	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.145929	448.077497	6.419443
524.117535	77.270452	6647.766	
0.25000	5.603838	469.032654	6.419443
524.145025	76.937965	6410.951	
0.50000	5.086771	490.742922	6.419443
535.243728	77.814237	6169.869	
0.75000	4.595785	512.963958	6.419443
557.522348	79.853447	5934.561	
1.00000	4.137517	535.607287	6.419443
597.675923	82.791988	5702.324	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.651669	-292.109155	-7.454041
-549.441729	-80.302656	-1761.222	
0.25000	-14.184851	-266.864474	-7.454041
-549.441729	-78.763416	-1837.532	
0.50000	-14.730641	-242.465633	-7.454041
-549.441729	-78.479029	-1913.853	
0.75000	-15.283286	-218.973267	-7.454041
-549.441729	-79.384185	-1990.210	
1.00000	-15.840596	-196.703876	-7.454041
-549.441729	-81.198056	-2066.580	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.617973	469.504095	7.050734
575.205604	84.147045	7717.552	
0.25000	6.188582	490.167072	7.050734
575.218645	84.160332	7494.807	
0.50000	5.779539	511.856600	7.050734
577.889489	85.105333	7242.700	
0.75000	5.395580	534.408425	7.050734
601.151230	86.801143	6976.311	
1.00000	5.041157	557.607280	7.050734
625.957897	89.198556	6691.137	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.397664	-244.317517	-8.022133
-610.789722	-92.063731	-2218.236	
0.25000	-15.959458	-223.783655	-8.022133
-606.244579	-90.567661	-2314.210	
0.50000	-16.544182	-204.024626	-8.022133
-601.699436	-89.918139	-2410.197	
0.75000	-17.146913	-185.323338	-8.022133
-597.154294	-90.971587	-2506.109	
1.00000	-17.761872	-167.840825	-8.022133
-592.609151	-93.008008	-2602.138	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.617973	469.504095	7.050734
575.205604	84.147045	7717.552	
0.25000	6.188582	490.167072	7.050734
575.218645	84.160332	7494.807	
0.50000	5.779539	511.856600	7.050734
577.889489	85.105333	7242.700	
0.75000	5.395580	534.408425	7.050734
601.151230	86.801143	6976.311	
1.00000	5.041157	557.607280	7.050734
625.957897	89.198556	6691.137	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.397664	-292.109155	-8.022133
-610.789722	-92.063731	-2218.236	
0.25000	-15.959458	-266.864474	-8.022133
-606.244579	-90.567661	-2314.210	
0.50000	-16.544182	-242.465633	-8.022133
-601.699436	-89.918139	-2410.197	
0.75000	-17.146913	-218.973267	-8.022133
-597.154294	-90.971587	-2506.109	
1.00000	-17.761872	-196.703876	-8.022133
-592.609151	-93.008008	-2602.138	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.617973	469.504095	7.050734
575.205604	84.147045	7717.552	
0.25000	6.188582	490.167072	7.050734
575.218645	84.160332	7494.807	
0.50000	5.779539	511.856600	7.050734
577.889489	85.105333	7242.700	
0.75000	5.395580	534.408425	7.050734
601.151230	86.801143	6976.311	
1.00000	5.041157	557.607280	7.050734
625.957897	89.198556	6691.137	

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-15.397664	-292.109155	-8.022133	
-610.789722	-92.063731	-2218.236		
0.25000	-15.959458	-266.864474	-8.022133	
-606.244579	-90.567661	-2314.210		
0.50000	-16.544182	-242.465633	-8.022133	
-601.699436	-89.918139	-2410.197		
0.75000	-17.146913	-218.973267	-8.022133	
-597.154294	-90.971587	-2506.109		
1.00000	-17.761872	-196.703876	-8.022133	
-592.609151	-93.008008	-2602.138		

FRAME ELEMENT INTERNAL FORCES

ELEM 41 ========== LENGTH = 4.993895

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	1.468028	102.906982	4.981597	
363.761279	50.397789	1350.321		
0.25000	1.460556	103.171813	4.981597	
364.521365	47.449063	1241.455		
0.50000	1.453888	103.446282	4.981597	
365.326285	45.411506	1136.798		
0.75000	1.447515	103.727387	4.981597	
366.164596	44.369436	1037.852		
1.00000	1.441511	104.034043	4.981597	
367.180125	44.204713	946.234798		

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-3.342118	-9.573439	-1.831348	
-8.428962	-5.914946	-783.730727		
0.25000	-3.348849	-9.271067	-1.831348	
-7.401638	-7.982745	-800.227376		
0.50000	-3.355760	-8.998767	-1.831348	
-6.508014	-10.124056	-816.724025		
0.75000	-3.362783	-8.736510	-1.831348	
-5.639287	-12.316704	-833.220674		
1.00000	-3.370414	-8.487490	-1.831348	
-4.802643	-14.536887	-849.723979		

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	1.923574	250.212687	6.131940	
598.741650	74.022230	3091.629		
0.25000	1.923297	250.222499	6.131940	
598.769839	71.151102	2825.401		
0.50000	1.923050	250.232667	6.131940	
598.799689	69.544710	2588.769		
0.75000	1.922814	250.243082	6.131940	
598.830776	69.079759	2395.422		
1.00000	1.922592	250.254445	6.131940	
598.868481	69.636589	2244.991		

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-7.748415	-35.247712	-2.925623	
-167.281395	-17.492309	-1498.038		
0.25000	-7.748664	-35.236508	-2.925623	
-167.243295	-19.178402	-1538.027		
0.50000	-7.748920	-35.226420	-2.925623	
-167.210157	-21.121006	-1578.016		
0.75000	-7.749180	-35.216703	-2.925623	
-167.177940	-23.426606	-1618.005		
1.00000	-7.749463	-35.207477	-2.925623	
-167.146912	-26.156283	-1657.994		

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	4.712591	445.418596	6.540506	
562.798967	78.148406	5047.710		
0.25000	4.310421	460.493337	6.540506	
562.798967	76.602347	4712.053		
0.50000	3.940398	476.116587	6.540506	
583.394813	76.282901	4383.844		
0.75000	3.588695	492.106545	6.540506	
606.299986	77.137911	4076.347		
1.00000	3.259747	508.962268	6.540506	
628.810252	78.966823	3790.004		

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-13.228761	-169.580327	-6.111452	
-485.313276	-50.289821	-2042.158		
0.25000	-13.606236	-152.977699	-6.111452	
-440.784894	-50.381140	-2110.445		
0.50000	-13.993646	-137.529940	-6.111452	
-407.664348	-51.006114	-2178.732		

FRAME ELEMENT INTERNAL FORCES

REL	DIST	P	V2	V3
T	M2	M3		
0.75000	-14.386951	-122.706568	-6.111452	
-377.339786	-52.488099	-2247.019		
1.00000	-14.799215	-108.703244	-6.111452	
-360.701632	-55.048928	-2315.359		

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	3.753829	279.153493	1.845556	
12.522099	7.795574	2869.856		
0.25000	3.329082	296.598140	1.845556	
12.522099	9.945763	2749.156		
0.50000	2.917771	314.676924	1.845556	
12.522099	12.176413	2605.375		
0.75000	2.530175	333.161322	1.845556	
12.522099	14.420170	2438.641		
1.00000	2.171943	351.610467	1.845556	
12.522099	16.683132	2249.853		

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-7.852343	-167.805384	-5.436785	
-415.903176	-56.758718	-838.018587		
0.25000	-8.279134	-149.662323	-5.436785	
-415.903176	-53.265748	-880.198118		
0.50000	-8.716968	-131.881447	-5.436785	
-415.903176	-50.870139	-922.377649		
0.75000	-9.160672	-114.911312	-5.436785	
-415.903176	-49.497340	-964.575331		
1.00000	-9.598925	-99.001893	-5.436785	
-415.903176	-48.838953	-1006.893		

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	5.053593	466.941257	2.388166	
158.395951	24.979691	4926.282		
0.25000	4.471797	490.018314	2.388166	
158.395951	27.990073	4657.711		
0.50000	3.919511	513.935716	2.388166	
158.395951	31.058885	4379.579		
0.75000	3.397306	538.396931	2.388166	
158.395951	34.128103	4103.057		
1.00000	2.912475	563.322244	2.388166	
158.395951	37.197490	3826.795		

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-13.315121	-241.974202	-7.092859	
-609.105721	-74.297181	-1562.271		
0.25000	-13.884587	-217.446887	-7.092859	
-609.105721	-70.761920	-1632.626		
0.50000	-14.468917	-193.880236	-7.092859	
-609.105721	-68.411006	-1702.981		
0.75000	-15.061359	-171.340261	-7.092859	
-609.105721	-67.255047	-1773.335		
1.00000	-15.660163	-150.149220	-7.092859	
-609.105721	-67.164703	-1843.851		

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	5.381256	518.073885	5.152820	
414.512956	55.575322	5702.226		
0.25000	4.865781	538.553683	5.152820	
414.512956	57.000747	5351.325		
0.50000	4.375999	559.779187	5.152820	
414.512956	59.320262	5001.910		
0.75000	3.912966	581.486993	5.152820	
414.512956	62.186817	4667.446		
1.00000	3.483164	603.585077	5.152820	
414.512956	65.515444	4347.274		

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-15.073739	-224.301576	-7.820706	
-594.391895	-73.820553	-2066.670		

FRAME ELEMENT INTERNAL FORCES

REL	DIST	P	V2	V3
T	M2	M3		
0.25000	-15.578907	-202.556989	-7.820706	
-594.391895	-71.337374	-2146.573		
0.50000	-16.097256	-181.644591	-7.820706	
-594.391895	-69.987224	-2226.475		
0.75000	-16.622786	-161.645258	-7.820706	
-594.391895	-69.869383	-2306.377		
1.00000	-17.153392	-142.845334	-7.820706	
-594.391895	-70.949080	-2386.425		

COMB DL-G1-1 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	1.901523	138.141560	6.508047	
447.298539	49.570235	1911.101		
0.25000	1.895847	138.423197	6.508047	
447.843886	46.160278	1785.164		
0.50000	1.890474	138.720922	6.508047	
448.451065	43.431093	1660.332		
0.75000	1.885462	139.031902	6.508047	
449.111316	41.516793	1536.593		
1.00000	1.880877	139.353287	6.508047	
449.815287	40.372883	1414.642		

COMB DL-G1-1 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-5.587830	-12.190839	-1.634411	
-8.488575	-11.112664	-988.792136		
0.25000	-5.595358	-11.952938	-1.634411	
-7.683507	-14.126582	-1009.318		
0.50000	-5.603257	-11.725532	-1.634411	
-6.907632	-17.655373	-1029.843		
0.75000	-5.611456	-11.511841	-1.634411	
-6.171177	-21.484004	-1051.326		
1.00000	-5.619882	-11.314410	-1.634411	
-5.484682	-25.684351	-1071.923		

COMB DL-G1-2 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	2.505272	316.340481	8.026080	
689.119326	76.597503	4054.303		
0.25000	2.505139	316.347042	8.026080	
689.132289	73.529789	3774.950		
0.50000	2.505014	316.353981	8.026080	
689.146709	71.309280	3502.477		
0.75000	2.504897	316.361229	8.026080	
689.162382	69.929794	3253.203		
1.00000	2.504790	316.368724	8.026080	
689.179091	69.448904	3022.069		

COMB DL-G1-2 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-10.914445	-40.839189	-2.718075	
-174.848023	-29.081862	-1887.263		
0.25000	-10.914620	-40.833635	-2.718075	
-174.829020	-32.998859	-1937.233		
0.50000	-10.914804	-40.828325	-2.718075	
-174.810709	-37.256483	-1987.229		
0.75000	-10.914995	-40.823337	-2.718075	
-174.793327	-41.976489	-2037.203		
1.00000	-10.915192	-40.818728	-2.718075	
-174.777120	-47.277319	-2087.227		

COMB DL-G1-3 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	5.500032	510.504683	8.237563	
640.775170	83.823968	6137.888		
0.25000	5.200775	526.169710	8.237563	
640.950942	82.979486	5775.313		
0.50000	4.916797	542.647673	8.237563	
661.289219	83.193658	5394.044		
0.75000	4.651694	559.778471	8.237563	
683.857567	84.392426	5010.026		
1.00000	4.408959	577.414074	8.237563	
708.013109	86.656109	4618.860		

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-16.834114	-147.463147	-6.855293	
-555.660452	-63.646486	-2570.911		
0.25000	-17.250145	-134.805085	-6.855293	
-523.148048	-65.528425	-2656.551		
0.50000	-17.684410	-122.674346	-6.855293	
-491.383050	-68.029920	-2744.030		
0.75000	-18.132981	-111.265732	-6.855293	
-461.439549	-71.396879	-2829.921		
1.00000	-18.591637	-100.712979	-6.855293	
-433.664828	-75.710118	-2915.861		

COMB DL-G2-1 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	4.445186	287.816522	1.670050	
17.585999	14.159116	3156.486		
0.25000	4.113215	306.703365	1.670050	
17.585999	17.750342	3013.595		
0.50000	3.797244	326.409179	1.670050	
17.585999	21.650521	2840.649		
0.75000	3.501741	346.773583	1.670050	
17.585999	25.879031	2637.778		
1.00000	3.230834	367.578872	1.670050	
17.585999	30.501742	2405.536		

COMB DL-G2-1 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-9.186834	-134.258027	-7.110327	
-496.132968	-58.072284	-1061.890		
0.25000	-9.683617	-119.997864	-7.110327	
-499.172662	-54.209785	-1115.359		
0.50000	-10.198064	-106.289081	-7.110327	
-502.212356	-51.114888	-1168.836		
0.75000	-10.725675	-93.377060	-7.110327	
-505.252050	-48.902711	-1222.324		
1.00000	-11.260982	-81.412523	-7.110327	
-508.291745	-47.528011	-1275.888		

COMB DL-G2-2 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	5.873899	497.107735	2.352361	
163.973351	35.069458	5533.758		
0.25000	5.430893	521.571884	2.352361	
163.973351	39.966922	5242.948		
0.50000	5.009757	547.168725	2.352361	
163.973351	45.166337	4917.870		
0.75000	4.616023	573.681714	2.352361	
163.973351	50.764540	4574.020		
1.00000	4.255269	600.834759	2.352361	
163.973351	56.850106	4207.137		

COMB DL-G2-2 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-15.315835	-199.634881	-9.096058	
-738.322392	-81.864922	-1977.279		
0.25000	-15.961545	-180.712047	-9.096058	
-732.855211	-78.171342	-2066.397		
0.50000	-16.632094	-162.537488	-9.096058	
-727.388030	-75.270879	-2155.545		
0.75000	-17.321511	-145.430853	-9.096058	
-721.920850	-73.370265	-2244.676		
1.00000	-18.022882	-129.590295	-9.096058	
-716.453669	-72.424482	-2333.821		

COMB DL-G2-3 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	6.314066	574.390441	5.993632	
458.756387	65.471967	6690.774		
0.25000	5.919860	596.184426	5.993632	
458.756387	68.299507	6313.442		
0.50000	5.545101	618.985146	5.993632	
458.756387	71.914729	5907.382		
0.75000	5.194717	642.599872	5.993632	
458.756387	76.263960	5487.526		
1.00000	4.873676	666.782365	5.993632	
458.756387	81.517944	5052.398		

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-18.318030	-189.306507	-9.382175	
-711.109986	-84.696911	-2602.312		
0.25000	-18.893190	-172.464574	-9.382175	
-706.565335	-83.063562	-2702.737		
0.50000	-19.490451	-156.287917	-9.382175	
-702.020684	-82.482476	-2803.191		
0.75000	-20.104375	-141.061504	-9.382175	
-697.476032	-83.014979	-2903.629		
1.00000	-20.728916	-126.961641	-9.382175	
-692.931381	-84.661011	-3004.220		

COMB DB ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	5.381256	518.073885	6.540506	
598.741650	78.148406	5702.226		
0.25000	4.865781	538.553683	6.540506	
598.769839	76.602347	5351.325		
0.50000	4.375999	559.779187	6.540506	
598.799689	76.282901	5001.910		
0.75000	3.912966	581.486993	6.540506	
606.299986	77.137911	4667.446		
1.00000	3.483164	603.585077	6.540506	
628.810252	78.966823	4347.274		

COMB DB ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-15.073739	-241.974202	-7.820706	
-609.105721	-74.297181	-2066.670		
0.25000	-15.578907	-217.446887	-7.820706	
-609.105721	-71.337374	-2146.573		
0.50000	-16.097256	-193.880236	-7.820706	
-609.105721	-69.987224	-2226.475		
0.75000	-16.622786	-171.340261	-7.820706	
-609.105721	-69.869383	-2306.377		
1.00000	-17.153392	-150.149220	-7.820706	
-609.105721	-70.949080	-2386.425		

COMB DL ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	6.314066	574.390441	8.237563	
689.119326	83.823968	6690.774		
0.25000	5.919860	596.184426	8.237563	
689.132289	82.979486	6313.442		
0.50000	5.545101	618.985146	8.237563	
689.146709	83.193658	5907.382		
0.75000	5.194717	642.599872	8.237563	
689.162382	84.392426	5487.526		
1.00000	4.873676	666.782365	8.237563	
708.013109	86.656109	5052.398		

COMB DL ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-18.318030	-199.634881	-9.382175	
-738.322392	-84.696911	-2602.312		
0.25000	-18.893190	-180.712047	-9.382175	
-732.855211	-83.063562	-2702.737		
0.50000	-19.490451	-162.537488	-9.382175	
-727.388030	-82.482476	-2803.191		
0.75000	-20.104375	-145.430853	-9.382175	
-721.920850	-83.014979	-2903.629		
1.00000	-20.728916	-129.590295	-9.382175	
-716.453669	-84.661011	-3004.220		

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	6.314066	574.390441	8.237563	
689.119326	83.823968	6690.774		
0.25000	5.919860	596.184426	8.237563	
689.132289	82.979486	6313.442		
0.50000	5.545101	618.985146	8.237563	
689.146709	83.193658	5907.382		
0.75000	5.194717	642.599872	8.237563	
689.162382	84.392426	5487.526		
1.00000	4.873676	666.782365	8.237563	
708.013109	86.656109	5052.398		

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-18.318030	-241.974202	-9.382175	
-738.322392	-84.696911	-2602.312		
0.25000	-18.893190	-217.446887	-9.382175	
-732.855211	-83.063562	-2702.737		
0.50000	-19.490451	-193.880236	-9.382175	
-727.388030	-82.482476	-2803.191		
0.75000	-20.104375	-171.340261	-9.382175	
-721.920850	-83.014979	-2903.629		
1.00000	-20.728916	-150.149220	-9.382175	
-716.453669	-84.661011	-3004.220		

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	6.314066	574.390441	8.237563	
689.119326	83.823968	6690.774		
0.25000	5.919860	596.184426	8.237563	
689.132289	82.979486	6313.442		
0.50000	5.545101	618.985146	8.237563	
689.146709	83.193658	5907.382		
0.75000	5.194717	642.599872	8.237563	
689.162382	84.392426	5487.526		
1.00000	4.873676	666.782365	8.237563	
708.013109	86.656109	5052.398		

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-18.318030	-241.974202	-9.382175	
-738.322392	-84.696911	-2602.312		
0.25000	-18.893190	-217.446887	-9.382175	
-732.855211	-83.063562	-2702.737		
0.50000	-19.490451	-193.880236	-9.382175	
-727.388030	-82.482476	-2803.191		
0.75000	-20.104375	-171.340261	-9.382175	
-721.920850	-83.014979	-2903.629		
1.00000	-20.728916	-150.149220	-9.382175	
-716.453669	-84.661011	-3004.220		

ELEM 42 ========== LENGTH = 4.993439

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	1.731261	116.295304	6.118947	
409.323424	40.718413	947.244527		
0.25000	1.723808	116.556607	6.118947	
410.026449	35.743442	821.293677		
0.50000	1.717167	116.826085	6.118947	
410.869314	31.563622	701.807659		
0.75000	1.710845	117.100410	6.118947	
411.739655	28.330187	590.888794		
1.00000	1.705142	117.399842	6.118947	
412.752545	25.908853	490.755053		

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-3.590177	-8.447273	-0.338815	
-53.642444	-13.216292	-849.778909		
0.25000	-3.596863	-8.152524	-0.338815	
-52.580648	-15.982111	-852.237061		
0.50000	-3.603711	-7.889487	-0.338815	
-51.659956	-18.814109	-854.695213		
0.75000	-3.610650	-7.638194	-0.338815	
-50.773131	-21.690346	-857.206826		
1.00000	-3.618224	-7.401511	-0.338815	
-49.926222	-24.604576	-860.127386		

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	2.170398	282.992159	7.413272	
653.061357	65.541480	2246.312		
0.25000	2.170122	283.001840	7.413272	
653.087613	60.569962	1942.138		
0.50000	2.169876	283.011824	7.413272	
653.118869	56.666223	1669.969		

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 2.169642 283.021988 7.413272
653.151144 53.901890 1447.161
1.00000 2.169430 283.033083 7.413272
653.188753 52.099079 1274.901

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.403070 -24.386193 -1.280052
-213.535942 -25.299242 -1658.139
0.25000 -8.403318 -24.375271 -1.280052
-213.496565 -27.858375 -1681.459
0.50000 -8.403572 -24.365526 -1.280052
-213.462424 -31.209507 -1704.793
0.75000 -8.403829 -24.356215 -1.280052
-213.429539 -34.963401 -1728.128
1.00000 -8.404110 -24.347446 -1.280052
-213.398133 -38.732771 -1751.835

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.487975 502.621669 6.917701
626.596587 74.702452 3790.799
0.25000 4.089935 517.451377 6.917701
626.596587 71.735267 3388.257
0.50000 3.724390 532.764010 6.917701
626.596587 69.834024 2999.261
0.75000 3.377719 548.358780 6.917701
649.060983 69.006042 2640.169
1.00000 3.143362 564.764107 6.917701
672.144635 69.063779 2312.738

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.396914 -134.136356 -5.387923
-543.444899 -49.238394 -2315.478
0.25000 -14.769481 -118.039444 -5.387923
-501.054383 -48.779891 -2377.795
0.50000 -15.151593 -103.184992 -5.387923
-471.270779 -49.378510 -2440.124
0.75000 -15.538856 -89.033871 -5.387923
-439.718736 -50.670250 -2502.453
1.00000 -15.945840 -75.759839 -5.387923
-433.628055 -52.597181 -2565.223

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.146903 316.681372 0.370034
67.760724 14.893739 2248.945
0.25000 2.732242 333.764756 0.370034
67.760724 17.787157 2083.971
0.50000 2.331245 351.437434 0.370034
67.760724 20.695419 1900.572
0.75000 1.953353 369.451894 0.370034
67.760724 23.617691 1698.750
1.00000 1.885288 387.311612 0.370034
67.760724 26.544310 1479.412

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.615474 -132.653660 -6.587140
-466.075841 -44.861890 -1006.806
0.25000 -9.032538 -115.221921 -6.587140
-466.075841 -39.381294 -1063.858
0.50000 -9.461184 -98.243729 -6.587140
-466.075841 -34.949390 -1120.912
0.75000 -9.895620 -82.136149 -6.587140
-466.075841 -31.559543 -1178.064
1.00000 -10.324185 -67.118262 -6.587140
-466.075841 -29.053626 -1235.509

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.236929 527.778816 0.638477
220.738332 35.760997 3825.957
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 3.665906 550.415674 0.638477
220.738332 39.631017 3485.350
0.50000 3.124761 573.818497 0.638477
220.738332 43.575077 3143.756
0.75000 2.613508 597.657438 0.638477
220.738332 47.556252 2811.902
1.00000 2.423710 621.839340 0.638477
220.738332 51.548438 2488.778

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.570066 -188.844586 -8.601642
-661.648079 -60.873688 -1843.829
0.25000 -15.128631 -165.197490 -8.601642
-661.648079 -54.927154 -1931.648
0.50000 -15.702293 -142.635972 -8.601642
-661.648079 -50.150810 -2019.467
0.75000 -16.283705 -121.195966 -8.601642
-661.648079 -46.505106 -2107.323
1.00000 -16.871456 -101.161236 -8.601642
-661.648079 -44.064757 -2195.547

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.795350 586.726043 4.197051
496.179036 61.354476 4347.141
0.25000 4.289544 606.813592 4.197051
496.179036 62.531903 3916.160
0.50000 3.809755 627.581475 4.197051
496.179036 64.433022 3493.210
0.75000 3.356521 648.736660 4.197051
496.179036 66.959079 3095.613
1.00000 3.192260 670.173641 4.197051
496.179036 69.965604 2724.168

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.484109 -175.216585 -8.265928
-659.230659 -64.750991 -2386.477
0.25000 -16.979520 -154.255718 -8.265928
-659.230659 -60.458875 -2473.519
0.50000 -17.488338 -134.237727 -8.265928
-659.230659 -57.301959 -2560.596
0.75000 -18.004035 -115.216301 -8.265928
-659.230659 -55.425252 -2647.709
1.00000 -18.524757 -97.443523 -8.265928
-659.230659 -54.959937 -2735.160

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.404934 153.479866 8.496682
540.669951 37.079682 1416.063
0.25000 2.399491 153.775738 8.496682
541.233143 31.873376 1260.232
0.50000 2.394372 154.086253 8.496682
541.854749 27.515571 1105.670
0.75000 2.389638 154.408403 8.496682
542.524719 24.191699 953.567296
1.00000 2.385360 154.739091 8.496682
543.232966 21.842642 811.960764

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.248495 -13.447805 -0.580699
-65.944259 -23.892463 -1071.981
0.25000 -6.256373 -13.225090 -0.580699
-65.108620 -28.898190 -1074.292
0.50000 -6.264600 -13.014152 -0.580699
-64.310013 -34.371039 -1076.624
0.75000 -6.273098 -12.817838 -0.580699
-63.558408 -40.374124 -1079.399
1.00000 -6.281794 -12.638883 -0.580699
-62.863186 -46.986698 -1097.033
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.019057 363.900825 10.263653
803.167177 65.127807 3023.881
0.25000 3.018930 363.907717 10.263653
803.180570 60.215083 2669.616
0.50000 3.018810 363.914952 10.263653
803.195336 56.208408 2323.020
0.75000 3.018699 363.922459 10.263653
803.211243 53.295198 2009.342
1.00000 3.018599 363.930167 10.263653
803.228055 51.378080 1751.507

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.444188 -34.003208 -1.530802
-238.159287 -44.845576 -2087.453
0.25000 -12.444372 -33.998004 -1.530802
-238.139588 -50.859364 -2115.745
0.50000 -12.444564 -33.993075 -1.530802
-238.120750 -57.465133 -2144.032
0.75000 -12.444762 -33.988489 -1.530802
-238.103013 -64.923689 -2185.588
1.00000 -12.444965 -33.984308 -1.530802
-238.086619 -72.996562 -2281.950

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.741987 602.305501 9.611571
763.866308 81.960936 4619.698
0.25000 5.459052 618.844466 9.611571
763.872019 80.739032 4128.745
0.50000 5.192266 636.119621 9.611571
777.052424 80.673194 3623.587
0.75000 4.945283 653.974392 9.611571
799.771554 81.971497 3154.358
1.00000 4.721487 672.229622 9.611571
823.925998 84.566651 2751.155

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.540486 -120.811807 -7.028068
-659.802699 -68.252357 -2916.115
0.25000 -19.976149 -109.136518 -7.028068
-626.097846 -71.022924 -3082.011
0.50000 -20.429113 -98.083229 -7.028068
-592.891133 -74.773991 -3167.706
0.75000 -20.895180 -87.769032 -7.028068
-561.654307 -79.808992 -3294.747
1.00000 -21.370050 -78.355557 -7.028068
-532.928364 -85.913625 -3581.838

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.154417 355.349833 0.609384
89.294624 28.076608 2404.084
0.25000 3.848502 375.409691 0.609384
89.294624 33.667379 2179.404
0.50000 3.558609 396.238670 0.609384
89.294624 39.728049 1933.709
0.75000 3.289230 417.635323 0.609384
89.294624 46.337423 1698.812
1.00000 3.044689 439.403556 0.609384
89.294624 53.547374 1483.247

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.025600 -105.815772 -9.143258
-606.873436 -42.793597 -1275.792
0.25000 -11.546334 -93.050920 -9.143258
-609.912837 -37.339422 -1347.685
0.50000 -12.084189 -80.891252 -9.143258
-612.952238 -32.818318 -1434.863
0.75000 -12.634256 -69.523761 -9.143258
-615.991639 -29.384880 -1578.013
1.00000 -13.191107 -59.131101 -9.143258
-619.031040 -26.954629 -1779.253
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COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.444797 605.210948 1.078163
242.779023 54.090328 4205.588
0.25000 5.032694 631.147529 1.078163
242.779023 61.455720 3779.386
0.50000 4.642882 658.134448 1.078163
242.779023 69.355613 3328.893
0.75000 4.281178 685.910418 1.078163
242.779023 77.920532 2919.133
1.00000 3.952891 714.225539 1.078163
242.779023 87.191183 2571.345

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.220071 -157.018688 -11.575174
-855.248142 -64.905865 -2333.866
0.25000 -18.896772 -139.900132 -11.575174
-849.781489 -59.391417 -2444.314
0.50000 -19.597258 -123.630049 -11.575174
-844.314836 -54.874962 -2571.209
0.75000 -20.315184 -108.422509 -11.575174
-838.848183 -51.570141 -2781.097
1.00000 -21.043621 -94.526610 -11.575174
-833.381530 -49.390129 -3096.036

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.205138 690.972738 5.910106
585.180101 76.485896 5051.912
0.25000 5.838561 714.080620 5.910106
585.180101 80.648680 4521.274
0.50000 5.491788 738.122106 5.910106
585.180101 85.725012 3971.592
0.75000 5.170047 762.865319 5.910106
585.180101 91.894696 3463.255
1.00000 4.877943 788.086256 5.910106
585.180101 99.085862 3030.675

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.570686 -150.265021 -10.931753
-845.246911 -76.721940 -3004.366
0.25000 -22.173359 -135.034948 -10.931753
-840.702698 -74.534399 -3113.121
0.50000 -22.797368 -120.558961 -10.931753
-836.158485 -73.543530 -3236.647
0.75000 -23.436753 -107.027098 -10.931753
-831.614273 -73.955740 -3435.878
1.00000 -24.085442 -94.663553 -10.931753
-827.070060 -75.759625 -3752.670

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.795350 586.726043 7.413272
653.061357 74.702452 4347.141
0.25000 4.289544 606.813592 7.413272
653.087613 71.735267 3916.160
0.50000 3.809755 627.581475 7.413272
653.118869 69.834024 3493.210
0.75000 3.377719 648.736660 7.413272
653.151144 69.006042 3095.613
1.00000 3.192260 670.173641 7.413272
672.144635 69.965604 2724.168

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.484109 -188.844586 -8.601642
-661.648079 -64.750991 -2386.477
0.25000 -16.979520 -165.197490 -8.601642
-661.648079 -60.458875 -2473.519
0.50000 -17.488338 -142.635972 -8.601642
-661.648079 -57.301959 -2560.596
0.75000 -18.004035 -121.195966 -8.601642
-661.648079 -55.425252 -2647.709
1.00000 -18.524757 -101.161236 -8.601642
-661.648079 -54.959937 -2735.160
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COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.205138 690.972738 10.263653
803.167177 81.960936 5051.912
0.25000 5.838561 714.080620 10.263653
803.180570 80.739032 4521.274
0.50000 5.491788 738.122106 10.263653
803.195336 85.725012 3971.592
0.75000 5.170047 762.865319 10.263653
803.211243 91.894696 3463.255
1.00000 4.877943 788.086256 10.263653
823.925998 99.085862 3030.675

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.570686 -157.018688 -11.575174
-855.248142 -76.721940 -3004.366
0.25000 -22.173359 -139.900132 -11.575174
-849.781489 -74.534399 -3113.121
0.50000 -22.797368 -123.630049 -11.575174
-844.314836 -74.773991 -3236.647
0.75000 -23.436753 -108.422509 -11.575174
-838.848183 -79.808992 -3435.878
1.00000 -24.085442 -94.663553 -11.575174
-833.381530 -85.913625 -3752.670

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.205138 690.972738 10.263653
803.167177 81.960936 5051.912
0.25000 5.838561 714.080620 10.263653
803.180570 80.739032 4521.274
0.50000 5.491788 738.122106 10.263653
803.195336 85.725012 3971.592
0.75000 5.170047 762.865319 10.263653
803.211243 91.894696 3463.255
1.00000 4.877943 788.086256 10.263653
823.925998 99.085862 3030.675

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.570686 -188.844586 -11.575174
-855.248142 -76.721940 -3004.366
0.25000 -22.173359 -165.197490 -11.575174
-849.781489 -74.534399 -3113.121
0.50000 -22.797368 -142.635972 -11.575174
-844.314836 -74.773991 -3236.647
0.75000 -23.436753 -121.195966 -11.575174
-838.848183 -79.808992 -3435.878
1.00000 -24.085442 -101.161236 -11.575174
-833.381530 -85.913625 -3752.670

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.205138 690.972738 10.263653
803.167177 81.960936 5051.912
0.25000 5.838561 714.080620 10.263653
803.180570 80.739032 4521.274
0.50000 5.491788 738.122106 10.263653
803.195336 85.725012 3971.592
0.75000 5.170047 762.865319 10.263653
803.211243 91.894696 3463.255
1.00000 4.877943 788.086256 10.263653
823.925998 99.085862 3030.675

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.570686 -188.844586 -11.575174
-855.248142 -76.721940 -3004.366
0.25000 -22.173359 -165.197490 -11.575174
-849.781489 -74.534399 -3113.121
0.50000 -22.797368 -142.635972 -11.575174
-844.314836 -74.773991 -3236.647
0.75000 -23.436753 -121.195966 -11.575174
-838.848183 -79.808992 -3435.878
1.00000 -24.085442 -101.161236 -11.575174
-833.381530 -85.913625 -3752.670
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ELEM 43 ========== LENGTH = 4.994012

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.0000 2.062420 120.472805 6.341801
425.698823 23.612701 491.793211
0.25000 2.055191 120.733027 6.341801
426.530772 17.693419 373.499600
0.50000 2.048888 120.998167 6.341801
427.412860 12.589901 368.951293
0.75000 2.047763 121.265144 6.341801
428.306302 8.407386 372.748661
1.00000 2.047763 121.555522 6.341801
429.353628 5.480501 376.302206

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.522137 -26.652492 -0.326836
-132.437905 -22.669908 -860.378280
0.25000 -3.528876 -26.365028 -0.326836
-131.346433 -24.946418 -840.523838
0.50000 -3.535716 -26.108614 -0.326836
-130.394924 -27.330853 -821.251829
0.75000 -3.542592 -25.878824 -0.326836
-129.486662 -29.783723 -802.455135
1.00000 -3.550090 -25.664228 -0.326836
-128.624396 -33.425350 -784.264560

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.568369 302.886580 7.728532
681.172786 49.924274 1276.299
0.25000 2.568101 302.896221 7.728532
681.203822 44.308710 971.267247
0.50000 2.567868 302.906044 7.728532
681.236530 39.609537 830.385489
0.75000 2.567825 302.915935 7.728532
681.269657 36.039133 761.308377
1.00000 2.567825 302.926695 7.728532
681.308540 33.549745 727.696294

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.569218 -37.035217 -1.154725
-301.880519 -36.747762 -1752.234
0.25000 -8.569467 -37.024565 -1.154725
-301.840046 -39.814894 -1749.162
0.50000 -8.569721 -37.015065 -1.154725
-301.804767 -43.330606 -1746.615
0.75000 -8.569975 -37.006550 -1.154725
-301.771091 -47.359701 -1744.341
1.00000 -8.570253 -36.998599 -1.154725
-301.739121 -52.122811 -1743.079

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.193334 552.932728 7.247788
699.315640 66.009009 2313.598
0.25000 3.798940 567.689604 7.247788
699.315640 62.050633 1883.628
0.50000 3.663650 582.781239 7.247788
699.315640 59.096284 1587.411
0.75000 3.663650 598.015815 7.247788
699.315640 57.230606 1343.009
1.00000 3.663650 613.964805 7.247788
714.915162 56.970726 1122.094

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.140651 -114.903889 -5.462636
-601.990450 -46.412631 -2565.449
0.25000 -15.514836 -99.238066 -5.462636
-571.471896 -45.824495 -2619.342
0.50000 -15.896350 -85.135104 -5.462636
-539.088852 -48.204895 -2673.759
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REL DIST P V2 V3
T M2 M3
0.75000 -16.280990 -72.347722 -5.462636
-524.253553 -52.224802 -2728.419
1.00000 -16.685197 -60.401302 -5.462636
-524.253553 -56.897699 -2783.989

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.216657 362.483953 0.296985
155.580573 24.807737 1478.493
0.25000 2.148108 379.463165 0.296985
155.580573 27.574283 1273.374
0.50000 2.148108 396.927112 0.296985
155.580573 30.682653 1053.119
0.75000 2.148108 414.617971 0.296985
155.580573 34.266912 817.326470
1.00000 2.148108 432.083561 0.296985
155.580573 38.461875 571.399424

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.444827 -88.244923 -6.742140
-482.778099 -26.182679 -1235.194
0.25000 -9.861475 -71.341208 -6.742140
-482.778099 -20.195856 -1317.585
0.50000 -10.289308 -55.938853 -6.742140
-482.778099 -15.131423 -1399.983
0.75000 -10.722752 -41.606567 -6.742140
-482.778099 -11.077217 -1482.391
1.00000 -11.150286 -28.249460 -6.742140
-482.778099 -8.038651 -1565.188

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.103081 596.611664 0.723835
329.854966 49.546491 2487.895
0.25000 2.746670 619.120366 0.723835
329.854966 53.044867 2091.365
0.50000 2.746670 642.224454 0.723835
329.854966 57.517324 1700.198
0.75000 2.746670 665.595983 0.723835
329.854966 62.818199 1327.954
1.00000 2.746670 689.186773 0.723835
329.854966 68.813211 975.558935

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.798124 -128.132482 -8.938585
-675.328867 -39.213301 -2195.285
0.25000 -16.357286 -105.169492 -8.938585
-675.328867 -32.728964 -2312.939
0.50000 -16.929931 -84.349534 -8.938585
-675.328867 -26.944176 -2430.593
0.75000 -17.509030 -65.162276 -8.938585
-675.328867 -22.238625 -2548.247
1.00000 -18.093909 -47.263799 -8.938585
-675.328867 -19.066433 -2666.181

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.967876 656.091171 4.373694
604.845766 66.044097 2724.081
0.25000 3.662758 676.064580 4.373694
604.845766 66.422388 2242.767
0.50000 3.662758 696.568304 4.373694
604.845766 68.221385 1844.615
0.75000 3.662758 717.310754 4.373694
604.845766 71.357688 1508.849
1.00000 3.662758 738.225923 4.373694
604.845766 75.602043 1195.562

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.634093 -127.200627 -8.308919
-722.178881 -49.690600 -2735.127
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REL DIST P V2 V3
T M2 M3
0.25000 -18.129985 -106.847469 -8.308919
-722.178881 -45.047785 -2835.412
0.50000 -18.637899 -88.389543 -8.308919
-722.178881 -41.243935 -2935.817
0.75000 -19.151580 -71.371371 -8.308919
-722.178881 -38.675242 -3036.508
1.00000 -19.669817 -55.496960 -8.308919
-722.178881 -37.706981 -3137.552

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.082447 159.985314 8.512713
584.882742 19.734815 813.338637
0.25000 3.077356 160.297435 8.512713
585.483310 14.719214 679.568739
0.50000 3.072642 160.621666 8.512713
586.131023 10.667368 597.719142
0.75000 3.068355 160.954917 8.512713
586.815756 7.796040 548.583342
1.00000 3.064963 161.294675 8.512713
587.528927 6.021932 521.597023

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.444669 -34.588048 -0.445553
-167.879954 -43.774273 -1097.020
0.25000 -6.452906 -34.383559 -0.445553
-167.038684 -49.164125 -1117.127
0.50000 -6.461440 -34.193105 -0.445553
-166.247733 -55.199509 -1170.332
0.75000 -6.470198 -34.018695 -0.445553
-165.516831 -61.921839 -1255.017
1.00000 -6.479119 -33.862601 -0.445553
-164.850266 -69.794413 -1365.530

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.800110 401.175484 10.388020
865.794990 48.825269 1753.251
0.25000 3.799991 401.182752 10.388020
865.809253 44.105596 1450.542
0.50000 3.799881 401.190303 10.388020
865.824622 40.409973 1245.816
0.75000 3.799781 401.198065 10.388020
865.840860 37.933158 1133.975
1.00000 3.799700 401.205978 10.388020
865.857769 36.553516 1085.688

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.338399 -51.595897 -1.327890
-355.421219 -69.132791 -2281.998
0.25000 -13.338591 -51.591113 -1.327890
-355.401373 -75.896036 -2417.587
0.50000 -13.338790 -51.586659 -1.327890
-355.382724 -83.397519 -2625.172
0.75000 -13.338994 -51.582580 -1.327890
-355.365488 -91.813718 -2898.075
1.00000 -13.339202 -51.578930 -1.327890
-355.349777 -101.158057 -3227.503

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.145516 698.884864 9.763563
877.836235 80.922129 2752.239
0.25000 5.885994 716.474962 9.763563
878.071151 80.430768 2350.074
0.50000 5.644519 734.700794 9.763563
884.205497 81.422566 2047.102
0.75000 5.424189 753.390751 9.763563
908.377553 83.821188 1837.279
1.00000 5.330170 772.405618 9.763563
933.765130 87.705131 1693.823
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COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.895663 -115.275733 -6.903998
-771.903568 -78.374363 -3582.106
0.25000 -22.353261 -104.825481 -6.903998
-737.087082 -82.160313 -3898.365
0.50000 -22.826233 -95.046446 -6.903998
-703.892606 -87.607232 -4314.161
0.75000 -23.310605 -86.089733 -6.903998
-673.091650 -95.203623 -4820.983
1.00000 -23.802842 -78.056814 -6.903998
-655.623735 -103.860944 -5410.545

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.737348 445.705992 0.451631
204.624979 50.122401 1482.404
0.25000 3.466442 467.310674 0.451631
204.624979 56.309584 1310.826
0.50000 3.212028 489.609612 0.451631
204.624979 63.220111 1155.057
0.75000 3.099107 512.421687 0.451631
204.624979 70.946124 1012.714
1.00000 3.039192 535.556882 0.451631
204.624979 79.502699 883.221405

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.260363 -75.351716 -9.107353
-661.231488 -23.656995 -1779.904
0.25000 -13.810926 -64.381134 -9.107353
-664.271254 -18.620666 -2075.302
0.50000 -14.377990 -54.048432 -9.107353
-667.311020 -14.621245 -2421.997
0.75000 -14.956897 -44.549653 -9.107353
-670.350785 -11.802885 -2816.527
1.00000 -15.543471 -36.008837 -9.107353
-673.390551 -10.026409 -3257.947

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.935509 741.696010 1.083081
378.934998 83.187704 2570.449
0.25000 4.565619 769.505349 1.083081
378.934998 91.278434 2234.028
0.50000 4.219428 798.262290 1.083081
378.934998 100.497951 1948.410
0.75000 3.978022 827.675236 1.083081
378.934998 110.732326 1721.605
1.00000 3.901582 857.550885 1.083081
378.934998 121.941301 1543.038

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.517600 -114.983446 -11.639857
-905.105268 -43.902395 -3096.858
0.25000 -22.231348 -100.038041 -11.639857
-899.637959 -38.938239 -3557.470
0.50000 -22.967353 -85.997562 -11.639857
-894.170650 -35.120737 -4110.139
0.75000 -23.719640 -73.106727 -11.639857
-888.703341 -32.655199 -4746.359
1.00000 -24.482619 -61.527019 -11.639857
-883.236032 -31.394966 -5463.208

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.119413 825.261892 5.911533
739.079256 93.612247 3030.740
0.25000 5.790591 850.042280 5.911533
739.079256 98.398762 2601.649
0.50000 5.482711 875.660510 5.911533
739.079256 104.602739 2258.662
0.75000 5.270885 901.887757 5.911533
739.079256 112.216193 2011.173
1.00000 5.202747 928.491113 5.911533
739.079256 121.123666 1829.751
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COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.852532 -120.257581 -10.794057
-955.603702 -68.834319 -3753.406
0.25000 -25.488362 -106.968837 -10.794057
-951.058944 -67.404589 -4214.196
0.50000 -26.143988 -94.483410 -10.794057
-946.514186 -67.313563 -4789.073
0.75000 -26.814092 -83.019802 -10.794057
-941.969428 -68.795576 -5467.887
1.00000 -27.493689 -72.721791 -10.794057
-937.424670 -71.809577 -6243.015

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.193334 656.091171 7.728532
699.315640 66.044097 2724.081
0.25000 3.798940 676.064580 7.728532
699.315640 66.422388 2242.767
0.50000 3.663650 696.568304 7.728532
699.315640 68.221385 1844.615
0.75000 3.663650 717.310754 7.728532
699.315640 71.357688 1508.849
1.00000 3.663650 738.225923 7.728532
714.915162 75.602043 1195.562

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.634093 -128.132482 -8.938585
-722.178881 -49.690600 -2735.127
0.25000 -18.129985 -106.847469 -8.938585
-722.178881 -45.824495 -2835.412
0.50000 -18.637899 -88.389543 -8.938585
-722.178881 -48.204895 -2935.817
0.75000 -19.151580 -72.347722 -8.938585
-722.178881 -52.224802 -3036.508
1.00000 -19.669817 -60.401302 -8.938585
-722.178881 -56.897699 -3137.552

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.145516 825.261892 10.388020
877.836235 93.612247 3030.740
0.25000 5.885994 850.042280 10.388020
878.071151 98.398762 2601.649
0.50000 5.644519 875.660510 10.388020
884.205497 104.602739 2258.662
0.75000 5.424189 901.887757 10.388020
908.377553 112.216193 2011.173
1.00000 5.330170 928.491113 10.388020
933.765130 121.941301 1829.751

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.852532 -120.257581 -11.639857
-955.603702 -78.374363 -3753.406
0.25000 -25.488362 -106.968837 -11.639857
-951.058944 -82.160313 -4214.196
0.50000 -26.143988 -95.046446 -11.639857
-946.514186 -87.607232 -4789.073
0.75000 -26.814092 -86.089733 -11.639857
-941.969428 -95.203623 -5467.887
1.00000 -27.493689 -78.056814 -11.639857
-937.424670 -103.860944 -6243.015

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.145516 825.261892 10.388020
877.836235 93.612247 3030.740
0.25000 5.885994 850.042280 10.388020
878.071151 98.398762 2601.649
0.50000 5.644519 875.660510 10.388020
884.205497 104.602739 2258.662
0.75000 5.424189 901.887757 10.388020
908.377553 112.216193 2011.173
1.00000 5.330170 928.491113 10.388020
933.765130 121.941301 1829.751
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COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.852532 -128.132482 -11.639857
-955.603702 -78.374363 -3753.406
0.25000 -25.488362 -106.968837 -11.639857
-951.058944 -82.160313 -4214.196
0.50000 -26.143988 -95.046446 -11.639857
-946.514186 -87.607232 -4789.073
0.75000 -26.814092 -86.089733 -11.639857
-941.969428 -95.203623 -5467.887
1.00000 -27.493689 -78.056814 -11.639857
-937.424670 -103.860944 -6243.015

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.145516 825.261892 10.388020
877.836235 93.612247 3030.740
0.25000 5.885994 850.042280 10.388020
878.071151 98.398762 2601.649
0.50000 5.644519 875.660510 10.388020
884.205497 104.602739 2258.662
0.75000 5.424189 901.887757 10.388020
908.377553 112.216193 2011.173
1.00000 5.330170 928.491113 10.388020
933.765130 121.941301 1829.751

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.852532 -128.132482 -11.639857
-955.603702 -78.374363 -3753.406
0.25000 -25.488362 -106.968837 -11.639857
-951.058944 -82.160313 -4214.196
0.50000 -26.143988 -95.046446 -11.639857
-946.514186 -87.607232 -4789.073
0.75000 -26.814092 -86.089733 -11.639857
-941.969428 -95.203623 -5467.887
1.00000 -27.493689 -78.056814 -11.639857
-937.424670 -103.860944 -6243.015

ELEM 44 ========== LENGTH = 4.994668

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.478147 111.033515 4.715385
392.295665 4.794117 376.306104
0.25000 2.478147 111.298694 4.715385
393.220940 2.161853 378.870833
0.50000 2.478147 111.566293 4.715385
394.169414 2.381175 383.367308
0.75000 2.478147 111.833071 4.715385
395.179285 2.597913 387.913486
1.00000 2.478147 112.120543 4.715385
396.314267 2.820342 392.459665

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.153533 -51.517883 -1.616856
-232.169064 -31.672942 -784.767655
0.25000 -3.160747 -51.259002 -1.616856
-231.076750 -33.029500 -738.504251
0.50000 -3.168025 -51.035965 -1.616856
-230.157556 -34.744499 -694.118015
0.75000 -3.175295 -50.873703 -1.616856
-229.277148 -36.924783 -712.723480
1.00000 -3.183166 -50.748902 -1.616856
-228.442197 -39.711965 -833.710662

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.051977 304.043992 6.046127
654.774592 30.908695 727.697440
0.25000 3.051977 304.053817 6.046127
654.808900 28.601170 740.019590
0.50000 3.051977 304.063731 6.046127
654.844107 27.560687 752.455341
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REL DIST P V2 V3
T M2 M3
0.75000 3.051977 304.073615 6.046127
654.881548 27.867562 764.971444
1.00000 3.051977 304.084268 6.046127
654.923631 29.346694 777.495197

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.417597 -63.449796 -3.232395
-421.585276 -49.912247 -1743.827
0.25000 -8.417864 -63.440203 -3.232395
-421.544776 -52.033425 -1708.930
0.50000 -8.418134 -63.431939 -3.232395
-421.510700 -54.513045 -1675.722
0.75000 -8.418403 -63.425915 -3.232395
-421.478061 -57.514145 -1802.981
1.00000 -8.418695 -63.421277 -3.232395
-421.447106 -61.214069 -2107.063

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.280297 596.527464 6.363041
735.637771 54.336982 1121.790
0.25000 4.280297 611.472743 6.363041
735.637771 53.678934 1033.258
0.50000 4.280297 626.582604 6.363041
735.637771 54.354014 1056.507
0.75000 4.280297 641.644645 6.363041
747.357158 56.690506 1079.827
1.00000 4.280297 657.242136 6.363041
780.491554 60.419369 1103.154

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.038125 -99.781505 -6.488130
-650.992941 -54.699052 -2784.356
0.25000 -16.436482 -85.885106 -6.488130
-615.905222 -57.178258 -2828.949
0.50000 -16.839542 -75.902457 -6.488130
-612.964626 -59.978870 -2875.182
0.75000 -17.242528 -68.611520 -6.488130
-612.964626 -63.251309 -3191.305
1.00000 -17.662327 -66.705886 -6.488130
-612.964626 -67.144116 -3727.419

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.441200 424.314734 1.868586
265.956936 37.579627 571.027809
0.25000 2.441200 441.354579 1.868586
265.956936 39.192805 449.253596
0.50000 2.441200 458.625596 1.868586
265.956936 41.115166 465.275682
0.75000 2.441200 475.849061 1.868586
265.956936 43.429813 481.297841
1.00000 2.441200 492.529667 1.868586
265.956936 46.211491 497.320319

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.904564 -32.612818 -4.993118
-443.727218 -7.397092 -1564.542
0.25000 -11.344175 -21.338288 -4.993118
-443.727218 -4.431919 -1679.428
0.50000 -11.790952 -13.614421 -4.993118
-443.727218 -2.853022 -1794.422
0.75000 -12.238470 -13.144796 -4.993118
-443.727218 -3.088168 -2074.264
1.00000 -12.674082 -13.137522 -4.993118
-443.727218 -3.327718 -2423.190

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.103377 682.774628 2.619453
469.176385 66.656413 975.068165
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REL DIST P V2 V3
T M2 M3
0.25000 3.103377 705.441529 2.619453
469.176385 70.092742 822.985369
0.50000 3.103377 728.394459 2.619453
469.176385 73.900523 849.057764
0.75000 3.103377 751.280694 2.619453
469.176385 78.231140 875.130163
1.00000 3.103377 774.014075 2.619453
469.176385 83.228146 901.202573

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.847690 -56.997351 -7.315304
-630.491997 -17.981845 -2665.577
0.25000 -18.439668 -38.390323 -7.315304
-630.491997 -19.067484 -2821.248
0.50000 -19.040288 -27.664767 -7.315304
-630.491997 -20.153137 -2976.919
0.75000 -19.641486 -22.089627 -7.315304
-630.491997 -21.249303 -3410.483
1.00000 -20.242184 -22.089627 -7.315304
-630.491997 -22.346548 -3982.377

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.196046	731.490630	5.115639
710.487910	72.285877	1195.128	
0.25000	4.196046	751.601137	5.115639
710.487910	73.958720	1065.314	
0.50000	4.196046	771.966318	5.115639
710.487910	76.587281	1093.782	
0.75000	4.196046	792.272469	5.115639
710.487910	80.348786	1122.278	
1.00000	4.196046	812.419078	5.115639
710.487910	85.219840	1150.813	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.330030	-77.607018	-7.925094
-747.105435	-35.156344	-3137.391	
0.25000	-19.854941	-61.250249	-7.925094
-747.105435	-36.646129	-3255.101	
0.50000	-20.387558	-51.753289	-7.925094
-747.105435	-38.330445	-3373.449	
0.75000	-20.920704	-47.014544	-7.925094
-747.105435	-40.191544	-3810.349	
1.00000	-21.452763	-47.014544	-7.925094
-747.105435	-42.340945	-4450.674	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.904443	148.977691	5.062769
550.705769	5.066110	521.894638	
0.25000	3.899773	149.312167	5.062769
551.371314	2.881345	505.420524	
0.50000	3.896512	149.657739	5.062769
552.087195	2.727616	500.832538	
0.75000	3.895966	150.011233	5.062769
552.843396	3.095785	503.005030	
1.00000	3.895743	150.370194	5.062769
553.631378	3.473377	508.675897	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.173071	-66.514413	-1.482556
-298.427606	-65.330903	-1364.796	
0.25000	-6.182072	-66.334270	-1.482556
-297.622459	-68.176858	-1438.113	
0.50000	-6.191374	-66.168912	-1.482556
-296.868518	-71.779925	-1526.019	
0.75000	-6.200905	-66.020267	-1.482556
-296.173238	-75.878809	-1623.084	
1.00000	-6.210598	-65.890084	-1.482556
-295.544292	-80.233505	-1725.631	

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COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.753022	417.973407	6.763790
841.195381	35.314279	1086.058	
0.25000	4.752912	417.981192	6.763790
841.211143	34.145720	1000.863	
0.50000	4.752832	417.989236	6.763790
841.228088	34.014985	981.462910	
0.75000	4.752819	417.997468	6.763790
841.245983	34.997640	992.046322	
1.00000	4.752814	418.005826	6.763790
841.264627	36.755957	1007.645	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.762433	-84.994429	-3.038184
-509.385719	-95.879330	-3226.587	
0.25000	-13.762642	-84.990207	-3.038184
-509.366725	-99.801786	-3530.961	
0.50000	-13.762859	-84.986331	-3.038184
-509.348939	-104.396642	-3874.287	
0.75000	-13.763081	-84.982847	-3.038184
-509.332528	-109.663621	-4251.095	
1.00000	-13.763307	-84.979793	-3.038184
-509.317680	-115.479437	-4636.320	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.614218	795.022677	7.186224
929.262599	85.635143	1693.999	
0.25000	6.446956	814.053431	7.186224
932.352022	87.386396	1537.215	
0.50000	6.404509	833.634999	7.186224
952.947987	90.169487	1448.149	
0.75000	6.378739	853.605674	7.186224
981.554681	94.057206	1414.601	
1.00000	6.369015	873.811252	7.186224
1011.441	98.819296	1433.030	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.464179	-121.261868	-6.536572
-850.153913	-98.319349	-5409.989	
0.25000	-24.967420	-112.446791	-6.536572
-816.968572	-102.556215	-6054.230	
0.50000	-25.485604	-104.375848	-6.536572
-785.881938	-107.416869	-6788.353	
0.75000	-26.014674	-97.152691	-6.536572
-775.784080	-112.889339	-7587.374	
1.00000	-26.551032	-90.888373	-6.536572
-770.521467	-118.862534	-8429.518	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.467531	566.120330	1.721831
350.581350	75.036398	882.901162	
0.25000	3.411478	589.806548	1.721831
350.581350	78.447622	773.170106	
0.50000	3.372285	614.048932	1.721831
350.581350	82.439142	675.671348	
0.75000	3.349553	638.650932	1.721831
350.581350	86.913919	641.028525	
1.00000	3.342407	663.428055	1.721831
350.324051	91.769670	652.577642	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.478151	-42.132289	-5.603135
-630.782900	-8.352094	-3258.901	
0.25000	-17.089420	-33.640223	-5.603135
-633.823050	-6.338064	-3802.526	
0.50000	-17.715288	-25.890166	-5.603135
-636.863199	-5.371412	-4392.081	
0.75000	-18.351221	-19.040991	-5.603135
-639.903349	-5.469613	-5028.388	
1.00000	-18.992717	-18.626777	-5.603135
-642.686132	-5.924154	-5712.703	

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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.459432	913.070090	2.827071
553.041005	117.235683	1542.717	
0.25000	4.379788	943.428381	2.827071
553.041005	123.276866	1346.023	
0.50000	4.323597	974.540722	2.827071
553.041005	129.995351	1209.643	
0.75000	4.290294	1006.164	2.827071
553.529394	136.969877	1160.577	
1.00000	4.278981	1038.076	2.827071
556.260898	144.173965	1180.480	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.085960	-70.616249	-7.954522
-854.552758	-28.284849	-5464.260	
0.25000	-26.875759	-58.645840	-7.954522
-849.084759	-28.552711	-6315.459	
0.50000	-27.686046	-47.734846	-7.954522
-843.616759	-30.126281	-7241.400	
0.75000	-28.510712	-38.007538	-7.954522
-838.637149	-31.766819	-8245.770	
1.00000	-29.343995	-34.152654	-7.954522
-835.900595	-33.449407	-9315.455	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.124270	980.922441	5.629159
881.026921	115.850660	1829.623	
0.25000	6.053565	1007.974	5.629159
881.026921	120.248693	1632.422	
0.50000	6.003691	1035.705	5.629159
881.026921	125.746435	1510.176	
0.75000	5.974288	1063.886	5.629159
881.338657	131.975945	1472.510	
1.00000	5.964143	1092.321	5.629159
883.547109	138.790630	1496.632	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.978520	-97.365939	-8.290337
-993.773878	-66.266116	-6243.495	
0.25000	-29.682188	-86.735252	-8.290337
-989.228546	-67.809575	-7128.133	
0.50000	-30.404055	-77.046159	-8.290337
-984.683214	-70.924894	-8098.591	
0.75000	-31.138691	-68.409539	-8.290337
-980.449619	-74.451116	-9146.834	
1.00000	-31.880946	-65.090138	-8.290337
-978.112677	-78.336090	-10255.479	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.280297	731.490630	6.363041
735.637771	72.285877	1195.128	
0.25000	4.280297	751.601137	6.363041
735.637771	73.958720	1065.314	
0.50000	4.280297	771.966318	6.363041
735.637771	76.587281	1093.782	
0.75000	4.280297	792.272469	6.363041
747.357158	80.348786	1122.278	
1.00000	4.280297	812.419078	6.363041
780.491554	85.219840	1150.813	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.330030	-99.781505	-7.925094
-747.105435	-54.699052	-3137.391	
0.25000	-19.854941	-85.885106	-7.925094
-747.105435	-57.178258	-3255.101	
0.50000	-20.387558	-75.902457	-7.925094
-747.105435	-59.978870	-3373.449	
0.75000	-20.920704	-68.611520	-7.925094
-747.105435	-63.251309	-3810.349	
1.00000	-21.452763	-66.705886	-7.925094
-747.105435	-67.144116	-4450.674	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.614218	980.922441	7.186224
929.262599	117.235683	1829.623	
0.25000	6.446956	1007.974	7.186224
932.352022	123.276866	1632.422	
0.50000	6.404509	1035.705	7.186224
952.947987	129.995351	1510.176	
0.75000	6.378739	1063.886	7.186224
981.554681	136.969877	1472.510	
1.00000	6.369015	1092.321	7.186224
1011.441	144.173965	1496.632	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.978520	-121.261868	-8.290337
-993.773878	-98.319349	-6243.495	
0.25000	-29.682188	-112.446791	-8.290337
-989.228546	-102.556215	-7128.133	
0.50000	-30.404055	-104.375848	-8.290337
-984.683214	-107.416869	-8098.591	
0.75000	-31.138691	-97.152691	-8.290337
-980.449619	-112.889339	-9146.834	
1.00000	-31.880946	-90.888373	-8.290337
-978.112677	-118.862534	-10255.479	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.614218	980.922441	7.186224
929.262599	117.235683	1829.623	
0.25000	6.446956	1007.974	7.186224
932.352022	123.276866	1632.422	
0.50000	6.404509	1035.705	7.186224
952.947987	129.995351	1510.176	
0.75000	6.378739	1063.886	7.186224
981.554681	136.969877	1472.510	
1.00000	6.369015	1092.321	7.186224
1011.441	144.173965	1496.632	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.978520	-121.261868	-8.290337
-993.773878	-98.319349	-6243.495	
0.25000	-29.682188	-112.446791	-8.290337
-989.228546	-102.556215	-7128.133	
0.50000	-30.404055	-104.375848	-8.290337
-984.683214	-107.416869	-8098.591	
0.75000	-31.138691	-97.152691	-8.290337
-980.449619	-112.889339	-9146.834	
1.00000	-31.880946	-90.888373	-8.290337
-978.112677	-118.862534	-10255.479	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.614218	980.922441	7.186224
929.262599	117.235683	1829.623	
0.25000	6.446956	1007.974	7.186224
932.352022	123.276866	1632.422	
0.50000	6.404509	1035.705	7.186224
952.947987	129.995351	1510.176	
0.75000	6.378739	1063.886	7.186224
981.554681	136.969877	1472.510	
1.00000	6.369015	1092.321	7.186224
1011.441	144.173965	1496.632	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.978520	-121.261868	-8.290337
-993.773878	-98.319349	-6243.495	
0.25000	-29.682188	-112.446791	-8.290337
-989.228546	-102.556215	-7128.133	
0.50000	-30.404055	-104.375848	-8.290337
-984.683214	-107.416869	-8098.591	
0.75000	-31.138691	-97.152691	-8.290337
-980.449619	-112.889339	-9146.834	
1.00000	-31.880946	-90.888373	-8.290337
-978.112677	-118.862534	-10255.479	

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FRAME ELEMENT INTERNAL FORCES

ELEM 45 ========== LENGTH = 4.993331

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.645182	43.787675	1.759131
234.628017	2.321142	392.497824	
0.25000	3.637264	43.787675	1.759131
235.483329	2.266350	351.338056	
0.50000	3.629804	43.787675	1.759131
236.372264	2.703843	310.178288	
0.75000	3.622327	43.967866	1.759131
237.286958	6.581503	271.455071	
1.00000	3.614920	44.245831	1.759131
238.364480	11.437189	233.697782	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.957811	-99.212539	-4.793188
-390.372182	-35.033137	-832.753056	
0.25000	-2.960869	-98.902843	-4.793188
-389.256201	-34.736081	-865.230358	
0.50000	-2.966697	-98.613570	-4.793188
-388.267592	-34.622588	-898.787368	
0.75000	-2.973238	-98.324904	-4.793188
-387.335743	-34.708752	-933.116542	
1.00000	-2.980434	-98.039972	-4.793188
-386.451368	-35.044088	-968.397451	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.098433	70.651726	3.083118
431.263317	25.430608	777.512414	
0.25000	8.098139	70.651726	3.083118
431.295036	26.257421	696.330103	
0.50000	8.097863	70.651726	3.083118
431.327991	28.565095	615.147793	
0.75000	8.097586	70.658432	3.083118
431.361900	32.426121	534.055779	
1.00000	8.097312	70.668732	3.083118
431.401851	37.061806	603.090949	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.126628	-279.994024	-6.558759
-650.045225	-55.512983	-2105.709	
0.25000	-4.126742	-279.982548	-6.558759
-650.003846	-53.944042	-2112.207	
0.50000	-4.126958	-279.971831	-6.558759
-649.967193	-52.536156	-2119.647	
0.75000	-4.127201	-279.961137	-6.558759
-649.932603	-51.379870	-2128.020	
1.00000	-4.127467	-279.950581	-6.558759
-649.899813	-50.688001	-2137.738	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.797802	97.188652	6.208644
613.583505	54.675941	1103.118	
0.25000	16.344158	97.188652	6.208644
613.583505	54.984231	988.478026	
0.50000	15.901112	97.188652	6.208644
613.583505	56.742277	873.837781	
0.75000	15.456443	97.188652	6.208644
622.680980	60.052808	888.542631	
1.00000	15.015334	111.584156	6.208644
656.933445	64.188158	1148.177	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.240148	-631.548883	-6.738991
-776.987308	-61.787464	-3726.772	
0.25000	-4.240148	-614.490250	-6.738991
-743.349129	-59.528446	-3639.471	
0.50000	-4.343775	-597.967517	-6.738991
-736.346489	-57.416417	-3553.039	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	-4.682052	-581.463122	-6.738991
-736.346489	-55.527396	-3467.466	
1.00000	-5.087691	-565.169822	-6.738991
-736.346489	-54.063526	-3383.056	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.436181	40.971862	4.904186
435.896485	42.064487	497.258085	
0.25000	11.906097	40.971862	4.904186
435.896485	41.505059	446.111569	
0.50000	11.361092	40.971862	4.904186
435.896485	41.085706	394.965091	
0.75000	10.812958	40.971862	4.904186
435.896485	40.854177	477.062690	
1.00000	10.268243	40.971862	4.904186
435.896485	40.857011	740.686722	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.845908	-487.712945	-1.945877
-272.995780	-3.714476	-2424.377	
0.25000	-0.845908	-468.981121	-1.945877
-272.995780	-5.130585	-2287.154	
0.50000	-0.845908	-449.765403	-1.945877
-272.995780	-7.893466	-2150.304	
0.75000	-0.845908	-430.538696	-1.945877
-272.995780	-11.937372	-2013.458	
1.00000	-1.032687	-411.553128	-1.945877
-272.995780	-16.630661	-1876.615	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.130867	74.470269	6.813968
622.784925	74.911664	901.100336	
0.25000	18.431972	74.470269	6.813968
622.784925	73.369241	808.136661	
0.50000	17.726720	74.470269	6.813968
622.784925	72.005142	715.172987	
0.75000	17.017893	74.470269	6.813968
622.784925	70.890531	806.477446	
1.00000	16.313970	79.329034	6.813968
622.784925	70.073025	1251.117	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.515225	-761.203716	-3.042542
-478.027243	-21.454771	-3983.525	
0.25000	-1.515225	-735.928851	-3.042542
-478.027243	-19.975680	-3789.798	
0.50000	-1.515225	-710.556542	-3.042542
-478.027243	-18.504253	-3596.124	
0.75000	-1.568235	-685.182922	-3.042542
-478.027243	-21.458218	-3402.451	
1.00000	-2.154577	-660.131224	-3.042542
-478.027243	-27.087933	-3208.777	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.286467	95.470842	7.620596
743.215051	76.531325	1150.732	
0.25000	19.666132	95.470842	7.620596
743.215051	75.785826	1031.553	
0.50000	19.039590	95.470842	7.620596
743.215051	75.983794	912.373569	
0.75000	18.409851	95.470842	7.620596
743.215051	76.998461	956.385199	
1.00000	17.784449	99.360605	7.620596
743.215051	78.708346	1335.716	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.374044	-789.020864	-5.601512
-718.042304	-38.350911	-4451.024	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-3.374044	-766.611537	-5.601512
-718.042304	-36.736964	-4286.551	
0.50000	-3.374044	-744.092796	-5.601512
-718.042304	-35.207472	-4122.636	
0.75000	-3.409946	-721.572333	-5.601512
-718.042304	-38.132844	-3959.384	
1.00000	-3.924858	-699.337437	-5.601512
-718.042304	-43.140018	-3796.382	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.544388	88.188912	1.427259
347.226374	2.673532	508.719325	
0.25000	5.535182	88.252739	1.427259
347.864018	2.589923	458.388643	
0.50000	5.526155	88.411822	1.427259
348.559330	3.746760	415.511972	
0.75000	5.517376	88.587212	1.427259
349.304442	6.600423	383.791770	
1.00000	5.508920	88.776740	1.427259
350.091788	10.204313	366.331371	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.184520	-129.535125	-5.265101
-504.753918	-70.185588	-1725.437	
0.25000	-5.188280	-129.166702	-5.265101
-503.965678	-66.664932	-1643.156	
0.50000	-5.192519	-128.805907	-5.265101
-503.218201	-63.771447	-1569.399	
0.75000	-5.197182	-128.455287	-5.265101
-502.518796	-61.674441	-1509.071	
1.00000	-5.202218	-128.117739	-5.265101
-501.875869	-60.195879	-1465.458	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.017286	133.959207	3.189696
566.077229	34.561669	1007.666	
0.25000	12.017072	133.960785	3.189696
566.092282	33.984300	903.263927	
0.50000	12.016862	133.964512	3.189696
566.108691	34.757855	817.838134	
0.75000	12.016658	133.968620	3.189696
566.126272	36.613751	785.759708	
1.00000	12.016462	133.973058	3.189696
566.144850	39.273750	830.586270	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.910204	-379.497620	-7.558583
-792.791851	-103.940878	-4636.076	
0.25000	-6.910292	-379.489041	-7.558583
-792.773197	-98.696490	-4284.460	
0.50000	-6.910392	-379.480642	-7.558583
-792.755510	-94.263668	-3955.812	
0.75000	-6.910501	-379.472481	-7.558583
-792.738954	-90.538666	-3669.411	
1.00000	-6.910619	-379.464626	-7.558583
-792.723730	-87.467744	-3424.857	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	22.551960	167.950031	6.751163
778.627440	93.431124	1432.972	
0.25000	22.021599	168.631337	6.751163
784.024450	89.474135	1300.143	
0.50000	21.499992	174.931379	6.751163
798.323841	86.767456	1268.458	
0.75000	20.991090	183.638471	6.751163
828.993961	85.092205	1300.235	
1.00000	20.498858	193.083739	6.751163
861.408455	84.680446	1410.252	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.648743	-825.640719	-7.947044
-1008.575	-107.918607	-8429.381	
0.25000	-6.780247	-804.863530	-7.947044
-978.667214	-102.172585	-7663.389	
0.50000	-6.993261	-784.437830	-7.947044
-950.380094	-97.298262	-6970.175	
0.75000	-7.229097	-764.515337	-7.947044
-932.855703	-93.075724	-6349.966	
1.00000	-7.484849	-745.241390	-7.947044
-929.803611	-89.917403	-5798.453	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.100525	58.428643	5.639834
577.343178	81.139711	652.490920	
0.25000	15.429594	58.690213	5.639834
574.575900	77.746278	598.708541	
0.50000	14.766620	59.617625	5.639834
571.536549	74.952139	639.092257	
0.75000	14.116765	65.960274	5.639834
568.497198	72.735024	723.984380	
1.00000	13.484946	75.404224	5.639834
565.457847	71.037598	821.168372	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.667115	-646.014136	-1.729571
-417.492638	-5.247986	-5712.881	
0.25000	-0.673423	-620.474901	-1.729571
-417.764644	-5.946000	-5056.935	
0.50000	-0.701609	-595.226789	-1.729571
-417.764644	-7.829968	-4457.649	
0.75000	-0.944446	-570.463510	-1.729571
-417.764644	-10.702358	-3910.459	
1.00000	-1.209806	-546.355490	-1.729571
-417.764644	-14.260284	-3411.955	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	24.802746	106.841657	8.048230
754.610847	131.254807	1180.327	
0.25000	23.947278	107.437084	8.048230
757.404859	124.686933	1078.738	
0.50000	23.103662	109.675082	8.048230
762.420877	118.617119	1111.895	
0.75000	22.278100	121.729650	8.048230
767.887440	114.012384	1225.576	
1.00000	21.476875	134.831296	8.048230
773.354004	110.232655	1407.586	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.586828	-1006.131	-3.229703
-643.644498	-31.516138	-9315.627	
0.25000	-1.604832	-973.262410	-3.229703
-640.971889	-29.485322	-8294.424	
0.50000	-1.805271	-940.834229	-3.229703
-640.521344	-27.997730	-7355.403	
0.75000	-2.138537	-909.087535	-3.229703
-640.521344	-29.773910	-6503.251	
1.00000	-2.501651	-878.248166	-3.229703
-640.521344	-33.141837	-5728.004	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	27.064636	149.293495	8.559929
933.790691	126.325224	1496.513	
0.25000	26.301905	149.815142	8.559929
936.175813	120.929274	1359.457	
0.50000	25.549830	151.668787	8.559929
940.435594	116.616780	1344.402	
0.75000	24.813809	162.379008	8.559929
944.979732	114.031581	1420.278	
1.00000	24.099434	174.020380	8.559929
949.523870	112.585677	1579.918	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.623126	-1043.547	-6.309551
-936.407419	-70.584056	-10255.515	
0.25000	-4.638812	-1014.259	-6.309551
-934.248342	-66.883578	-9204.403	
0.50000	-4.811830	-985.360048	-6.309551
-933.963985	-64.058573	-8230.545	
0.75000	-5.108075	-957.066733	-6.309551
-933.963985	-64.580440	-7353.179	
1.00000	-5.430888	-929.579691	-6.309551
-933.963985	-66.566755	-6564.723	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	20.286467	97.188652	7.620596
743.215051	76.531325	1150.732	
0.25000	19.666132	97.188652	7.620596
743.215051	75.785826	1031.553	
0.50000	19.039590	97.188652	7.620596
743.215051	75.983794	912.373569	
0.75000	18.409851	97.188652	7.620596
743.215051	76.998461	956.385199	
1.00000	17.784449	111.584156	7.620596
743.215051	78.708346	1335.716	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.240148	-789.020864	-6.738991
-776.987308	-61.787464	-4451.024	
0.25000	-4.240148	-766.611537	-6.738991
-743.349129	-59.528446	-4286.551	
0.50000	-4.343775	-744.092796	-6.738991
-736.346489	-57.416417	-4122.636	
0.75000	-4.682052	-721.572333	-6.738991
-736.346489	-55.527396	-3959.384	
1.00000	-5.087691	-699.337437	-6.738991
-736.346489	-54.063526	-3796.382	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	27.064636	167.950031	8.559929
933.790691	131.254807	1496.513	
0.25000	26.301905	168.631337	8.559929
936.175813	124.686933	1359.457	
0.50000	25.549830	174.931379	8.559929
940.435594	118.617119	1344.402	
0.75000	24.813809	183.638471	8.559929
944.979732	114.031581	1420.278	
1.00000	24.099434	193.083739	8.559929
949.523870	112.585677	1579.918	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.910204	-1043.547	-7.947044
-1008.575	-107.918607	-10255.515	
0.25000	-6.910292	-1014.259	-7.947044
-978.667214	-102.172585	-9204.403	
0.50000	-6.993261	-985.360048	-7.947044
-950.380094	-97.298262	-8230.545	
0.75000	-7.229097	-957.066733	-7.947044
-933.963985	-93.075724	-7353.179	
1.00000	-7.484849	-929.579691	-7.947044
-933.963985	-89.917403	-6564.723	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	27.064636	167.950031	8.559929
933.790691	131.254807	1496.513	
0.25000	26.301905	168.631337	8.559929
936.175813	124.686933	1359.457	
0.50000	25.549830	174.931379	8.559929
940.435594	118.617119	1344.402	
0.75000	24.813809	183.638471	8.559929
944.979732	114.031581	1420.278	
1.00000	24.099434	193.083739	8.559929
949.523870	112.585677	1579.918	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.910204	-1043.547	-7.947044
-1008.575	-107.918607	-10255.515	
0.25000	-6.910292	-1014.259	-7.947044
-978.667214	-102.172585	-9204.403	
0.50000	-6.993261	-985.360048	-7.947044
-950.380094	-97.298262	-8230.545	
0.75000	-7.229097	-957.066733	-7.947044
-933.963985	-93.075724	-7353.179	
1.00000	-7.484849	-929.579691	-7.947044
-933.963985	-89.917403	-6564.723	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	27.064636	167.950031	8.559929
933.790691	131.254807	1496.513	
0.25000	26.301905	168.631337	8.559929
936.175813	124.686933	1359.457	
0.50000	25.549830	174.931379	8.559929
940.435594	118.617119	1344.402	
0.75000	24.813809	183.638471	8.559929
944.979732	114.031581	1420.278	
1.00000	24.099434	193.083739	8.559929
949.523870	112.585677	1579.918	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.910204	-1043.547	-7.947044
-1008.575	-107.918607	-10255.515	
0.25000	-6.910292	-1014.259	-7.947044
-978.667214	-102.172585	-9204.403	
0.50000	-6.993261	-985.360048	-7.947044
-950.380094	-97.298262	-8230.545	
0.75000	-7.229097	-957.066733	-7.947044
-933.963985	-93.075724	-7353.179	
1.00000	-7.484849	-929.579691	-7.947044
-933.963985	-89.917403	-6564.723	

ELEM 46 ========== LENGTH = 4.994116

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.956594	34.556715	0.097170
137.850054	10.506820	233.764685	
0.25000	3.948210	34.793180	0.097170
138.706572	15.022327	255.410888	
0.50000	3.940356	35.041986	0.097170
139.593963	20.388762	348.708549	
0.75000	3.932569	35.317282	0.097170
140.509918	26.479700	452.066778	
1.00000	3.924929	35.621984	0.097170
141.547875	33.008377	562.456777	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.155195	-107.244286	-6.111199
-418.773154	-32.241459	-967.866170	
0.25000	-3.161563	-106.936734	-6.111199
-417.757054	-30.096878	-974.888121	
0.50000	-3.168701	-106.650618	-6.111199
-416.906462	-28.034147	-982.169080	
0.75000	-3.176241	-106.367256	-6.111199
-416.066969	-26.071350	-989.728627	
1.00000	-3.184483	-106.089566	-6.111199
-415.249686	-24.306779	-998.072490	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.032276	66.905035	0.940350
316.458513	34.484474	603.007935	
0.25000	8.031965	66.913796	0.940350
316.490270	38.634083	682.620637	
0.50000	8.031674	66.923014	0.940350
316.523171	43.838641	887.678966	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	8.031386	66.933215	0.940350
316.557131	49.849211	1141.669	
1.00000	8.031103	66.944505	0.940350
316.595619	56.469932	1429.144	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.315348	-273.489941	-7.930901
-676.994120	-47.183816	-2136.992	
0.25000	-4.315584	-273.478546	-7.930901
-676.956396	-44.337545	-2112.529	
0.50000	-4.315849	-273.467946	-7.930901
-676.924858	-41.604112	-2088.624	
0.75000	-4.316128	-273.457449	-7.930901
-676.893730	-38.970294	-2065.052	
1.00000	-4.316433	-273.447161	-7.930901
-676.863423	-36.499283	-2042.196	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	15.354802	92.670610	4.938084
523.241997	60.700899	1148.310	
0.25000	14.867435	105.871208	4.938084
523.241997	62.818538	1419.235	
0.50000	14.396314	119.965136	4.938084
548.465494	65.939859	1782.516	
0.75000	13.928937	135.323415	4.938084
579.111180	69.830116	2170.023	
1.00000	13.470200	152.248987	4.938084
612.520875	74.435720	2567.852	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.891233	-576.545981	-7.637398
-709.659917	-50.705474	-3382.704	
0.25000	-5.268046	-559.359867	-7.637398
-701.977581	-47.541608	-3286.376	
0.50000	-5.666677	-542.847553	-7.637398
-701.977581	-49.953035	-3190.769	
0.75000	-6.114688	-526.510207	-7.637398
-701.977581	-52.749555	-3095.438	
1.00000	-6.591874	-510.526175	-7.637398
-701.977581	-55.724473	-3000.790	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.380545	39.550686	6.364711
468.471896	38.466158	741.377108	
0.25000	9.798912	48.799513	6.364711
468.471896	36.174503	1000.418	
0.50000	9.211365	64.988043	6.364711
468.471896	33.913929	1234.398	
0.75000	8.628168	82.209363	6.364711
468.471896	31.722318	1442.564	
1.00000	8.055407	101.060801	6.364711
468.471896	29.616956	1625.692	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.139269	-418.373627	-0.277429
-165.004367	-16.462195	-1877.263	
0.25000	-1.456739	-399.047894	-0.277429
-165.004367	-21.013201	-1771.699	
0.50000	-1.942833	-379.546189	-0.277429
-165.004367	-26.477948	-1666.322	
0.75000	-2.455984	-360.275686	-0.277429
-165.004367	-32.643541	-1561.416	
1.00000	-3.022300	-341.467113	-0.277429
-165.004367	-39.238792	-1456.514	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.250410	72.853663	8.355314
658.574975	66.447011	1251.707	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	15.489342	88.020397	8.355314
658.574975	62.727376	1628.861	
0.50000	14.732711	109.495944	8.355314
658.574975	59.067608	2002.413	
0.75000	13.981770	132.543986	8.355314
658.574975	55.487107	2374.424	
1.00000	13.244460	157.845737	8.355314
658.574975	52.016051	2736.547	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.890556	-661.773522	-1.051169
-346.521936	-25.583005	-3209.409	
0.25000	-2.488716	-635.926273	-1.051169
-346.521936	-31.570832	-3052.236	
0.50000	-3.118944	-610.320809	-1.051169
-346.521936	-38.503267	-2895.576	
0.75000	-3.801113	-585.004523	-1.051169
-346.521936	-46.181092	-2739.188	
1.00000	-4.543582	-560.274784	-1.051169
-346.521936	-54.211335	-2582.801	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	17.767789	94.971265	7.887516
713.185750	73.932160	1336.213	
0.25000	17.092024	108.307113	7.887516
713.185750	72.794016	1700.976	
0.50000	16.419678	127.363104	7.887516
713.185750	72.353967	2126.905	
0.75000	15.752384	147.805879	7.887516
713.185750	72.381135	2567.862	
1.00000	15.097195	170.244631	7.887516
713.185750	72.869353	3008.163	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.804839	-700.077321	-4.673053
-617.886010	-39.962930	-3796.573	
0.25000	-4.336199	-677.151017	-4.673053
-617.886010	-44.060415	-3648.978	
0.50000	-4.896038	-654.419226	-4.673053
-617.886010	-49.081379	-3502.042	
0.75000	-5.501290	-631.944772	-4.673053
-617.886010	-54.814272	-3355.684	
1.00000	-6.160479	-609.991887	-4.673053
-617.886010	-60.961607	-3209.325	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.866094	60.390934	0.140935
219.548755	9.039549	365.979521	
0.25000	5.857324	60.559298	0.140935
220.203362	12.691172	380.340805	
0.50000	5.848793	60.744946	0.140935
220.913844	17.466865	428.630408	
0.75000	5.840557	60.946044	0.140935
221.673749	23.043494	498.576848	
1.00000	5.832685	61.160908	0.140935
222.476090	29.227454	587.024348	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.670633	-138.655391	-8.005374
-538.672152	-55.388257	-1465.649	
0.25000	-4.675371	-138.313384	-8.005374
-537.980571	-49.699559	-1387.850	
0.50000	-4.680577	-137.980038	-8.005374
-537.323135	-44.716249	-1333.256	
0.75000	-4.686201	-137.657485	-8.005374
-536.706980	-40.347069	-1301.641	
1.00000	-4.692192	-137.348292	-8.005374
-536.140125	-36.456234	-1291.838	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.685658	107.365289	1.289078
418.424076	37.644362	830.095123	
0.25000	11.685454	107.369223	1.289078
418.439510	40.720168	852.679896	
0.50000	11.685256	107.373562	1.289078
418.456261	44.997863	951.231091	
0.75000	11.685064	107.378261	1.289078
418.474176	50.216067	1119.990	
1.00000	11.684881	107.383283	1.289078
418.493094	56.229007	1338.805	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.497965	-361.084189	-10.352280
-822.251381	-81.892685	-3425.133	
0.25000	-6.498076	-361.076224	-10.352280
-822.234982	-74.364308	-3161.473	
0.50000	-6.498197	-361.068462	-10.352280
-822.219390	-67.620770	-2949.018	
0.75000	-6.498329	-361.060950	-10.352280
-822.204767	-61.550773	-2788.878	
1.00000	-6.498468	-361.053752	-10.352280
-822.191303	-56.026230	-2679.587	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	20.169256	156.531230	6.572098
669.351394	81.422735	1409.898	
0.25000	19.669233	165.336768	6.572098
693.503433	79.657838	1515.075	
0.50000	19.181631	175.044696	6.572098
723.452893	79.922036	1692.443	
0.75000	18.710133	185.545582	6.572098
755.446369	81.489796	1935.933	
1.00000	18.258124	196.745331	6.572098
788.864284	84.054235	2225.384	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.933721	-720.841678	-9.953422
-936.434588	-83.960265	-5798.628	
0.25000	-7.187443	-701.641162	-9.953422
-911.871456	-77.733591	-5290.388	
0.50000	-7.466130	-682.878374	-9.953422
-888.750463	-75.108978	-4856.911	
0.75000	-7.767169	-664.674782	-9.953422
-885.131018	-73.820942	-4497.774	
1.00000	-8.087729	-647.165391	-9.953422
-884.831077	-73.440146	-4211.030	

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.985631 70.330084 8.476030
607.800416 65.912503 821.402513
0.25000 12.360999 79.964894 8.476030
604.760603 60.237369 934.400614
0.50000 11.751055 90.570733 8.476030
601.720789 55.251786 1053.671
0.75000 11.159146 102.027064 8.476030
598.680976 50.856265 1176.637
1.00000 10.589539 114.195495 8.476030
595.641163 46.925351 1302.263

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.313263 -515.851355 -0.370552
-273.845230 -13.209918 -3411.414
0.25000 -1.601743 -492.388679 -0.370552
-273.845230 -17.159177 -3013.095
0.50000 -1.918515 -469.380050 -0.370552
-273.845230 -22.231222 -2657.580
0.75000 -2.260758 -446.975709 -0.370552
-273.845230 -28.108204 -2343.079
1.00000 -2.624781 -425.327244 -0.370552
-273.845230 -34.677629 -2068.929
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.370445 125.223822 11.037417
804.201309 104.236412 1407.772
0.25000 19.571207 138.148031 11.037417
809.668704 96.021278 1552.587
0.50000 18.790969 152.381205 11.037417
815.136098 88.654636 1734.827
0.75000 18.034719 167.762410 11.037417
820.603493 81.987751 1960.352
1.00000 17.307853 184.129632 11.037417
826.070888 76.055118 2211.575

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.606188 -821.796045 -1.440180
-474.077547 -30.580452 -5727.405
0.25000 -2.987745 -791.540910 -1.440180
-474.077547 -34.521018 -5087.439
0.50000 -3.406770 -761.909643 -1.440180
-474.077547 -39.710436 -4521.101
0.75000 -3.859454 -733.090494 -1.440180
-474.077547 -46.037982 -4027.335
1.00000 -4.341143 -705.287908 -1.440180
-474.077547 -53.462162 -3604.781

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.165844 156.714223 10.293835
897.321288 106.063262 1579.877
0.25000 22.453559 168.212554 10.293835
901.866118 100.831453 1724.326
0.50000 21.758070 180.875176 10.293835
906.410947 96.886722 1934.211
0.75000 21.083994 194.558776 10.293835
910.955777 93.950897 2206.922
1.00000 20.435955 209.118944 10.293835
915.500606 92.088140 2522.715

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.379679 -878.234012 -6.155943
-799.585769 -61.391680 -6564.333
0.25000 -5.719320 -851.276140 -6.155943
-799.585769 -61.739349 -5887.172
0.50000 -6.092312 -824.872904 -6.155943
-799.585769 -63.494957 -5298.217
0.75000 -6.495266 -799.192061 -6.155943
-799.585769 -66.459297 -4797.056
1.00000 -6.924032 -774.415538 -6.155943
-799.585769 -70.725917 -4381.365

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.767789 94.971265 8.355314
713.185750 73.932160 1336.213
0.25000 17.092024 108.307113 8.355314
713.185750 72.794016 1700.976
0.50000 16.419678 127.363104 8.355314
713.185750 72.353967 2126.905
0.75000 15.752384 147.805879 8.355314
713.185750 72.381135 2567.862
1.00000 15.097195 170.244631 8.355314
713.185750 74.435720 3008.163

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.891233 -700.077321 -7.930901
-709.659917 -50.705474 -3796.573
0.25000 -5.268046 -677.151017 -7.930901
-701.977581 -47.541608 -3648.978
0.50000 -5.666677 -654.419226 -7.930901
-701.977581 -49.953035 -3502.042
0.75000 -6.114688 -631.944772 -7.930901
-701.977581 -54.814272 -3355.684
1.00000 -6.591874 -609.991887 -7.930901
-701.977581 -60.961607 -3209.325
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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.165844 156.714223 11.037417
897.321288 106.063262 1579.877
0.25000 22.453559 168.212554 11.037417
901.866118 100.831453 1724.326
0.50000 21.758070 180.875176 11.037417
906.410947 96.886722 1934.211
0.75000 21.083994 194.558776 11.037417
910.955777 93.950897 2206.922
1.00000 20.435955 209.118944 11.037417
915.500606 92.088140 2522.715

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.933721 -878.234012 -10.352280
-936.434588 -83.960265 -6564.333
0.25000 -7.187443 -851.276140 -10.352280
-911.871456 -77.733591 -5887.172
0.50000 -7.466130 -824.872904 -10.352280
-888.750463 -75.108978 -5298.217
0.75000 -7.767169 -799.192061 -10.352280
-885.131018 -73.820942 -4797.056
1.00000 -8.087729 -774.415538 -10.352280
-884.831077 -73.440146 -4381.365

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.165844 156.714223 11.037417
897.321288 106.063262 1579.877
0.25000 22.453559 168.212554 11.037417
901.866118 100.831453 1724.326
0.50000 21.758070 180.875176 11.037417
906.410947 96.886722 2126.905
0.75000 21.083994 194.558776 11.037417
910.955777 93.950897 2567.862
1.00000 20.435955 209.118944 11.037417
915.500606 92.088140 3008.163

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.933721 -878.234012 -10.352280
-936.434588 -83.960265 -6564.333
0.25000 -7.187443 -851.276140 -10.352280
-911.871456 -77.733591 -5887.172
0.50000 -7.466130 -824.872904 -10.352280
-888.750463 -75.108978 -5298.217
0.75000 -7.767169 -799.192061 -10.352280
-885.131018 -73.820942 -4797.056
1.00000 -8.087729 -774.415538 -10.352280
-884.831077 -73.440146 -4381.365

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.165844 156.714223 11.037417
897.321288 106.063262 1579.877
0.25000 22.453559 168.212554 11.037417
901.866118 100.831453 1724.326
0.50000 21.758070 180.875176 11.037417
906.410947 96.886722 2126.905
0.75000 21.083994 194.558776 11.037417
910.955777 93.950897 2567.862
1.00000 20.435955 209.118944 11.037417
915.500606 92.088140 3008.163

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.933721 -878.234012 -10.352280
-936.434588 -83.960265 -6564.333
0.25000 -7.187443 -851.276140 -10.352280
-911.871456 -77.733591 -5887.172
0.50000 -7.466130 -824.872904 -10.352280
-888.750463 -75.108978 -5298.217
0.75000 -7.767169 -799.192061 -10.352280
-885.131018 -73.820942 -4797.056
1.00000 -8.087729 -774.415538 -10.352280
-884.831077 -73.440146 -4381.365
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FRAME ELEMENT INTERNAL FORCES

ELEM 47 ========== LENGTH = 4.993891

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.003662 35.969125 0.165982
56.648425 30.107161 561.355351
0.25000 3.994910 36.223403 0.165982
57.442425 33.930326 649.785738
0.50000 3.986777 36.492047 0.165982
58.279906 38.544511 744.881274
0.75000 3.978737 36.772682 0.165982
59.156935 43.935168 845.863236
1.00000 3.970877 37.083103 0.165982
60.171718 49.948138 950.453308

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.322726 -99.210175 -6.059741
-384.577475 -21.972511 -997.780895
0.25000 -3.329944 -98.897450 -6.059741
-383.588838 -19.629617 -982.155333
0.50000 -3.337538 -98.608595 -6.059741
-382.758002 -17.307424 -966.547992
0.75000 -3.345442 -98.322805 -6.059741
-381.939482 -15.063754 -951.227298
1.00000 -3.354119 -98.043192 -6.059741
-381.144335 -12.879638 -935.906603

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.503186 68.084054 1.099853
221.836331 53.577091 1427.723
0.25000 7.502862 68.093475 1.099853
221.865775 56.823805 1574.433
0.50000 7.502561 68.103428 1.099853
221.896831 61.192400 1762.890
0.75000 7.502263 68.113825 1.099853
221.929353 66.453077 1993.161
1.00000 7.501972 68.125327 1.099853
221.966987 72.473733 2251.104

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.747056 -245.843111 -7.803739
-628.882208 -33.603405 -2041.757
0.25000 -4.747323 -245.831524 -7.803739
-628.845499 -30.512133 -1990.503
0.50000 -4.747604 -245.820822 -7.803739
-628.814688 -27.491838 -1939.429
0.75000 -4.747897 -245.810234 -7.803739
-628.784333 -24.539755 -1888.531
1.00000 -4.748218 -245.799875 -7.803739
-628.754842 -21.673952 -1837.634

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.532362 125.471160 5.000518
413.437890 71.101330 2566.945
0.25000 13.024892 139.981175 5.000518
435.460612 72.192810 2847.828
0.50000 12.537967 155.312006 5.000518
464.586284 74.302448 3147.662
0.75000 12.057219 171.317793 5.000518
499.068969 77.241073 3466.188
1.00000 11.587928 188.476841 5.000518
543.217381 80.879926 3790.503

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.347250 -514.809076 -7.461249
-651.347419 -49.626716 -3000.554
0.25000 -6.778997 -497.453470 -7.461249
-630.223440 -50.558416 -2895.850
0.50000 -7.232608 -480.878644 -7.461249
-616.582495 -51.945469 -2791.300
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.75000 -7.704168 -464.519612 -7.461249
-616.582495 -53.813399 -2686.915
1.00000 -8.205927 -448.568914 -7.461249
-616.582495 -55.921693 -2582.529

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.422741 80.543180 6.383736
432.032367 27.472776 1626.629
0.25000 7.819296 97.404010 6.383736
432.032367 24.917617 1815.820
0.50000 7.213459 115.214383 6.383736
432.032367 22.387913 1980.932
0.75000 6.616612 133.790849 6.383736
432.032367 19.869004 2122.004
1.00000 6.035084 152.747423 6.383736
432.032367 17.391110 2239.823

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.585110 -366.517655 -0.262427
-73.506345 -37.134218 -1456.868
0.25000 -3.121471 -347.219729 -0.262427
-73.506345 -41.057709 -1377.532
0.50000 -3.683932 -327.806649 -0.262427
-73.506345 -45.910522 -1298.394
0.75000 -4.267651 -308.715898 -0.262427
-73.506345 -51.597561 -1219.257
1.00000 -4.862001 -290.196866 -0.262427
-73.506345 -57.814033 -1140.122

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.356117 125.055987 8.332930
617.323588 50.737577 2737.404
0.25000 12.565457 147.328168 8.332930
617.323588 46.630335 3011.798
0.50000 11.784821 170.856702 8.332930
617.323588 42.563516 3283.526
0.75000 11.014936 195.403568 8.332930
617.323588 38.497160 3554.716
1.00000 10.264354 220.924131 8.332930
618.438196 34.508836 3816.923

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.057806 -582.476872 -0.932956
-234.646452 -50.415663 -2583.117
0.25000 -4.749480 -556.560740 -0.932956
-234.646452 -55.441015 -2456.847
0.50000 -5.475326 -530.992723 -0.932956
-234.646452 -61.515445 -2330.729
0.75000 -6.228999 -505.814631 -0.932956
-234.646452 -68.491729 -2204.612
1.00000 -7.008759 -481.345935 -0.932956
-234.646452 -76.005037 -2078.495

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.015838 141.968310 7.921349
624.073910 69.167844 3008.227
0.25000 14.313837 161.735196 7.921349
624.073910 67.235103 3326.576
0.50000 13.620193 182.617026 7.921349
624.073910 66.105527 3656.258
0.75000 12.936125 204.402371 7.921349
624.073910 65.403598 3998.199
1.00000 12.269228 227.031924 7.921349
624.073910 65.140280 4340.667

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.859822 -618.168138 -4.581003
-495.753884 -56.019638 -3209.389
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.25000 -6.474405 -595.185185 -4.581003
-495.753884 -59.144508 -3075.732
0.50000 -7.119329 -572.489964 -4.581003
-495.753884 -63.220926 -2942.285
0.75000 -7.788961 -550.142359 -4.581003
-495.753884 -68.143708 -2808.838
1.00000 -8.481235 -528.426294 -4.581003
-495.753884 -73.661572 -2675.459

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.953514 51.401187 0.215019
112.888910 26.371114 585.685686
0.25000 5.945236 51.590959 0.215019
113.541454 30.682125 667.514467
0.50000 5.937209 51.799314 0.215019
114.256947 35.930994 788.091404
0.75000 5.929495 52.024134 0.215019
115.029141 41.917129 921.032567
1.00000 5.922172 52.263228 0.215019
115.850650 48.261355 1054.441

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.583051 -135.672764 -7.992145
-482.650150 -33.128904 -1291.553
0.25000 -4.588562 -135.347771 -7.992145
-481.981111 -28.371961 -1270.228
0.50000 -4.594609 -135.030798 -7.992145
-481.337339 -24.110713 -1295.106
0.75000 -4.601071 -134.724233 -7.992145
-480.727925 -20.199684 -1334.308
1.00000 -4.607910 -134.431184 -7.992145
-480.161234 -16.546005 -1373.660

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.965661 106.510977 1.300322
294.799651 52.474443 1337.096
0.25000 10.965468 106.515407 1.300322
294.815044 56.365253 1483.567
0.50000 10.965281 106.520271 1.300322
294.831922 61.316320 1719.987
0.75000 10.965101 106.525521 1.300322
294.850140 67.072091 2017.388
1.00000 10.964931 106.531105 1.300322
294.869528 73.359681 2322.860

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.656561 -328.292682 -10.210997
-746.536110 -52.015494 -2679.153
0.25000 -6.656690 -328.285107 -10.210997
-746.520224 -45.646260 -2581.150
0.50000 -6.656830 -328.277721 -10.210997
-746.504934 -39.829524 -2579.252
0.75000 -6.656981 -328.270578 -10.210997
-746.490448 -34.449534 -2626.046
1.00000 -6.657140 -328.263751 -10.210997
-746.476975 -29.364483 -2673.002

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.794455 176.120498 6.491858
545.584942 79.260548 2224.243
0.25000 17.330596 186.287974 6.491858
572.625994 79.632268 2476.014
0.50000 16.880323 197.405980 6.491858
602.287237 81.282315 2815.709
0.75000 16.447130 209.351129 6.491858
634.174879 83.902987 3243.020
1.00000 16.035254 221.997325 6.491858
667.341184 87.150858 3654.575
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.870963 -624.312082 -9.749417
-815.425482 -66.225864 -4210.565
0.25000 -8.176925 -606.293528 -9.749417
-792.792891 -64.203045 -3905.227
0.50000 -8.509077 -588.691900 -9.749417
-771.194002 -63.132922 -3801.831
0.75000 -8.864259 -571.641894 -9.749417
-758.718338 -62.861112 -3800.574
1.00000 -9.238916 -555.306556 -9.749417
-758.635221 -63.108781 -3801.218

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.500216 99.019295 8.510344
541.829717 44.098415 1303.045
0.25000 9.935204 110.593169 8.510344
538.790025 39.533755 1455.446
0.50000 9.385736 123.157341 8.510344
535.750333 35.401155 1612.252
0.75000 8.856483 136.579639 8.510344
532.710641 31.561373 1813.798
1.00000 8.352043 150.669912 8.510344
529.670949 27.932926 1992.207

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.484016 -419.312075 -0.417971
-150.960509 -32.938230 -2068.572
0.25000 -2.849889 -397.698811 -0.417971
-150.960509 -37.812619 -1871.768
0.50000 -3.244885 -376.529812 -0.417971
-150.960509 -43.600946 -1716.982
0.75000 -3.665482 -355.979088 -0.417971
-150.960509 -50.088072 -1664.698
1.00000 -4.106958 -336.228691 -0.417971
-150.960509 -56.884673 -1623.848

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.610792 167.604350 10.970876
740.686013 72.522733 2212.310
0.25000 15.881228 182.906036 10.970876
746.153190 65.997455 2444.497
0.50000 15.172316 199.565146 10.970876
751.620367 60.008863 2722.383
0.75000 14.489863 217.391190 10.970876
757.087544 54.409893 3097.697
1.00000 13.840015 236.164678 10.970876
762.554720 49.052366 3446.807

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.234506 -677.675842 -1.323959
-330.866016 -49.649763 -3604.281
0.25000 -4.709849 -649.625474 -1.323959
-330.866016 -55.132355 -3297.025
0.50000 -5.224013 -622.177153 -1.323959
-330.866016 -61.589042 -3080.129
0.75000 -5.772316 -595.551852 -1.323959
-330.866016 -68.927295 -3021.822
1.00000 -6.348838 -569.991420 -1.323959
-330.866016 -76.887192 -2973.810

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.600962 193.350196 10.262170
771.546671 86.596147 2522.517
0.25000 18.950927 206.971136 10.262170
776.091319 83.089247 2803.518
0.50000 18.319302 221.799002 10.262170
780.635967 80.506592 3160.629
0.75000 17.711211 237.664083 10.262170
785.180615 78.578444 3622.389
1.00000 17.132167 254.370563 10.262170
789.725263 77.195815 4062.816
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.872975 -739.203734 -6.036169
-631.459201 -65.217811 -4380.724
0.25000 -7.296390 -714.216603 -6.036169
-631.459201 -67.250249 -4070.409
0.50000 -7.754352 -689.764924 -6.036169
-631.459201 -70.394523 -3882.580
0.75000 -8.242692 -666.045673 -6.036169
-631.459201 -74.509484 -3854.129
1.00000 -8.756131 -643.274122 -6.036169
-631.459201 -79.306138 -3835.138

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.015838 141.968310 8.332930
624.073910 71.101330 3008.227
0.25000 14.313837 161.735196 8.332930
624.073910 72.192810 3326.576
0.50000 13.620193 182.617026 8.332930
624.073910 74.302448 3656.258
0.75000 12.936125 204.402371 8.332930
624.073910 77.241073 3998.199
1.00000 12.269228 227.031924 8.332930
624.073910 80.879926 4340.667

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.347250 -618.168138 -7.803739
-651.347419 -56.019638 -3209.389
0.25000 -6.778997 -595.185185 -7.803739
-630.223440 -59.144508 -3075.732
0.50000 -7.232608 -572.489964 -7.803739
-628.814688 -63.220926 -2942.285
0.75000 -7.788961 -550.142359 -7.803739
-628.784333 -68.491729 -2808.838
1.00000 -8.481235 -528.426294 -7.803739
-628.754842 -76.005037 -2675.459

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.600962 193.350196 10.970876
771.546671 86.596147 2522.517
0.25000 18.950927 206.971136 10.970876
776.091319 83.089247 2803.518
0.50000 18.319302 221.799002 10.970876
780.635967 81.282315 3160.629
0.75000 17.711211 237.664083 10.970876
785.180615 83.902987 3622.389
1.00000 17.132167 254.370563 10.970876
789.725263 87.150858 4062.816

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.870963 -739.203734 -10.210997
-815.425482 -66.225864 -4380.724
0.25000 -8.176925 -714.216603 -10.210997
-792.792891 -67.250249 -4070.409
0.50000 -8.509077 -689.764924 -10.210997
-771.194002 -70.394523 -3882.580
0.75000 -8.864259 -666.045673 -10.210997
-758.718338 -74.509484 -3854.129
1.00000 -9.238916 -643.274122 -10.210997
-758.635221 -79.306138 -3835.138

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.600962 193.350196 10.970876
771.546671 86.596147 3008.227
0.25000 18.950927 206.971136 10.970876
776.091319 83.089247 3326.576
0.50000 18.319302 221.799002 10.970876
780.635967 81.282315 3656.258
0.75000 17.711211 237.664083 10.970876
785.180615 83.902987 3998.199
1.00000 17.132167 254.370563 10.970876
789.725263 87.150858 4340.667
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.870963 -739.203734 -10.210997
-815.425482 -66.225864 -4380.724
0.25000 -8.176925 -714.216603 -10.210997
-792.792891 -67.250249 -4070.409
0.50000 -8.509077 -689.764924 -10.210997
-771.194002 -70.394523 -3882.580
0.75000 -8.864259 -666.045673 -10.210997
-758.718338 -74.509484 -3854.129
1.00000 -9.238916 -643.274122 -10.210997
-758.635221 -79.306138 -3835.138

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.600962 193.350196 10.970876
771.546671 86.596147 3008.227
0.25000 18.950927 206.971136 10.970876
776.091319 83.089247 3326.576
0.50000 18.319302 221.799002 10.970876
780.635967 81.282315 3656.258
0.75000 17.711211 237.664083 10.970876
785.180615 83.902987 3998.199
1.00000 17.132167 254.370563 10.970876
789.725263 87.150858 4340.667

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.870963 -739.203734 -10.210997
-815.425482 -66.225864 -4380.724
0.25000 -8.176925 -714.216603 -10.210997
-792.792891 -67.250249 -4070.409
0.50000 -8.509077 -689.764924 -10.210997
-771.194002 -70.394523 -3882.580
0.75000 -8.864259 -666.045673 -10.210997
-758.718338 -74.509484 -3854.129
1.00000 -9.238916 -643.274122 -10.210997
-758.635221 -79.306138 -3835.138

ELEM 48 ========== LENGTH = 4.993782

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.974385 36.905645 1.476897
48.157416 45.922345 949.605061
0.25000 3.965134 37.169314 1.476897
48.949784 47.655061 1014.714
0.50000 3.956560 37.446417 1.476897
49.781239 50.367220 1085.178
0.75000 3.948177 37.734088 1.476897
50.646174 54.032244 1161.068
1.00000 3.940086 38.052527 1.476897
51.651016 58.511469 1240.296

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.493372 -82.126344 -5.372878
-315.137270 -11.461695 -935.828147
0.25000 -3.501167 -81.803674 -5.372878
-314.127298 -9.685829 -905.006030
0.50000 -3.509297 -81.506407 -5.372878
-313.273667 -7.955118 -874.308775
0.75000 -3.517682 -81.215387 -5.372878
-312.474548 -6.276741 -843.654476
1.00000 -3.526847 -80.934151 -5.372878
-311.714855 -4.698534 -813.000816

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.928258 79.788738 2.650128
203.425953 67.787625 2249.970
0.25000 6.927916 79.798507 2.650128
203.455342 68.648305 2344.952
0.50000 6.927598 79.808773 2.650128
203.486178 70.794944 2477.746
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 6.927288 79.819431 2.650128
203.518255 74.147779 2650.177
1.00000 6.926988 79.831230 2.650128
203.555524 78.439712 2851.225

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.367194 -206.142819 -7.021217
-543.051828 -19.908377 -1837.474
0.25000 -5.367483 -206.130863 -7.021217
-543.014369 -17.556187 -1768.447
0.50000 -5.367784 -206.119850 -7.021217
-542.982673 -15.216773 -1699.537
0.75000 -5.368095 -206.109068 -7.021217
-542.953035 -12.956384 -1630.650
1.00000 -5.368434 -206.098649 -7.021217
-542.924859 -10.795599 -1561.763

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.899114 162.982512 5.936344
354.008028 76.211611 3789.785
0.25000 11.363884 177.920386 5.936344
385.330746 75.409307 3988.250
0.50000 10.852555 193.674022 5.936344
418.782705 75.762486 4200.766
0.75000 10.352408 210.069977 5.936344
456.386157 77.214680 4428.606
1.00000 9.869256 227.657454 5.936344
498.974667 79.596972 4661.504

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.964550 -449.872297 -7.202497
-596.201913 -49.938433 -2582.411
0.25000 -8.428939 -432.029057 -7.202497
-565.244470 -50.015705 -2471.797
0.50000 -8.913818 -415.035429 -7.202497
-543.188420 -50.567637 -2361.318
0.75000 -9.414509 -398.395985 -7.202497
-541.576213 -51.670734 -2250.933
1.00000 -9.944990 -382.323659 -7.202497
-541.576213 -53.369464 -2140.621

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.832770 117.373269 5.710858
356.099112 15.931379 2240.609
0.25000 6.198228 134.535163 5.710858
356.099112 13.949518 2381.567
0.50000 5.565645 152.730444 5.710858
356.099112 11.976079 2497.464
0.75000 4.946485 171.741362 5.710858
356.099112 10.017856 2587.853
1.00000 4.347699 191.144598 5.710858
356.099112 8.066227 2653.248

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.118196 -327.724164 -1.561472
-55.638163 -54.541804 -1140.225
0.25000 -4.691873 -307.998920 -1.561472
-55.638163 -56.343680 -1077.742
0.50000 -5.291823 -288.205910 -1.561472
-55.638163 -59.244441 -1015.260
0.75000 -5.912381 -268.821075 -1.561472
-55.638163 -63.175063 -952.874498
1.00000 -6.541633 -250.109905 -1.561472
-55.638163 -67.819989 -890.639291

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.923946 181.338861 7.514258
530.574458 33.554045 3817.651
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 10.091715 204.102357 7.514258
530.574458 30.094900 4012.222
0.50000 9.274782 228.190607 7.514258
530.574458 26.643609 4200.827
0.75000 8.475311 253.320912 7.514258
530.574458 23.213894 4386.007
1.00000 7.702491 279.456087 7.514258
540.409696 19.784429 4558.702

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.341921 -517.574183 -2.407643
-221.936673 -70.732369 -2078.546
0.25000 -7.083179 -491.025217 -2.407643
-221.936673 -73.156362 -1972.113
0.50000 -7.857986 -464.904440 -2.407643
-221.936673 -76.762064 -1865.690
0.75000 -8.658878 -439.322498 -2.407643
-221.936673 -81.499092 -1759.403
1.00000 -9.483999 -414.624595 -2.407643
-221.936673 -87.090872 -1653.281

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.673835 193.880382 7.969918
523.798795 60.981003 4340.775
0.25000 11.934966 214.079354 7.969918
523.798795 58.554644 4564.336
0.50000 11.209136 235.455770 7.969918
523.798795 56.835657 4794.030
0.75000 10.498815 257.758522 7.969918
523.798795 55.864758 5032.672
1.00000 9.812157 280.932511 7.969918
528.340141 55.374264 5269.039

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.046575 -543.076056 -5.565097
-442.063807 -67.984024 -2675.424
0.25000 -8.705152 -519.534332 -5.565097
-442.063807 -69.632086 -2550.433
0.50000 -9.393554 -496.350718 -5.565097
-442.063807 -72.584967 -2425.483
0.75000 -10.105154 -473.645343 -5.565097
-442.063807 -76.551612 -2300.653
1.00000 -10.837719 -451.724811 -5.565097
-442.063807 -81.292181 -2175.971

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.818662 51.865808 1.157942
62.010861 44.122155 1053.303
0.25000 5.810647 52.078384 1.157942
62.674738 47.157910 1148.718
0.50000 5.802947 52.308640 1.157942
63.391514 50.995093 1245.782
0.75000 5.795637 52.553666 1.157942
64.150941 55.483121 1343.996
1.00000 5.788801 52.810755 1.157942
64.942607 60.660307 1442.599

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.776975 -120.127515 -6.528290
-368.823414 -14.534709 -1373.425
0.25000 -4.783396 -119.810750 -6.528290
-368.120300 -11.582325 -1392.531
0.50000 -4.790299 -119.504106 -6.528290
-367.455751 -8.914027 -1411.637
0.75000 -4.797607 -119.210605 -6.528290
-366.839798 -6.416529 -1429.792
1.00000 -4.805245 -118.933307 -6.528290
-366.282157 -4.358635 -1448.985
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.056053 118.069086 2.413533
233.089031 68.069339 2321.408
0.25000 10.055866 118.074046 2.413533
233.104715 70.501116 2496.912
0.50000 10.055687 118.079420 2.413533
233.121645 73.864784 2688.257
0.75000 10.055516 118.085138 2.413533
233.139581 77.982249 2903.081
1.00000 10.055357 118.091139 2.413533
233.158280 83.168761 3126.698

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.215796 -280.859180 -8.591670
-606.551506 -26.819649 -2672.611
0.25000 -7.215945 -280.851794 -8.591670
-606.534814 -22.484250 -2695.719
0.50000 -7.216106 -280.844645 -8.591670
-606.519036 -18.515135 -2718.832
0.75000 -7.216276 -280.837804 -8.591670
-606.504408 -14.788228 -2741.917
1.00000 -7.216454 -280.831342 -8.591670
-606.491151 -11.761962 -2765.045

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.785165 205.940614 6.576106
441.257752 82.008371 3653.865
0.25000 15.343993 217.399781 6.576106
467.584173 82.328465 3960.789
0.50000 14.919102 229.786348 6.576106
496.242570 83.509220 4257.649
0.75000 14.514950 242.952935 6.576106
526.673691 85.385998 4551.656
1.00000 14.135930 256.734605 6.576106
558.271258 88.250777 4828.264

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.241571 -530.987213 -8.749623
-680.640595 -56.654035 -3800.953
0.25000 -9.602137 -513.638636 -8.749623
-656.694326 -55.756254 -3732.153
0.50000 -9.988807 -496.774453 -8.749623
-634.090485 -55.331307 -3740.897
0.75000 -10.397345 -480.567709 -8.749623
-613.406697 -55.375889 -3749.638
1.00000 -10.823553 -465.186127 -8.749623
-610.793192 -56.263347 -3758.395

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.848218 125.309966 7.051657
413.693515 26.542254 1993.345
0.25000 8.324418 138.478849 7.051657
410.653905 23.858679 2181.960
0.50000 7.818352 152.674368 7.051657
407.614295 21.356546 2340.593
0.75000 7.335478 167.721958 7.051657
404.574684 18.902700 2468.528
1.00000 6.880784 183.424229 7.051657
401.535074 16.459533 2565.731

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.720893 -349.405695 -1.385445
-84.595372 -54.032306 -1624.132
0.25000 -4.161614 -328.971430 -1.385445
-84.595372 -57.669890 -1604.411
0.50000 -4.632383 -308.981931 -1.385445
-84.595372 -62.051257 -1584.727
0.75000 -5.128500 -289.656082 -1.385445
-84.595372 -66.974271 -1564.982
1.00000 -5.644649 -271.188570 -1.385445
-84.595372 -72.230682 -1545.336
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.957618 210.569729 9.216666
601.610165 47.457277 3447.992
0.25000 13.275484 227.919617 9.216666
607.077195 43.346824 3739.061
0.50000 12.617125 246.642477 9.216666
612.543595 39.316134 4003.494
0.75000 11.989600 266.508590 9.216666
618.011253 35.322398 4249.770
1.00000 11.399445 287.259966 9.216666
624.738190 31.435698 4463.055

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.075759 -567.237045 -2.516700
-259.045185 -71.913481 -2974.030
0.25000 -6.643996 -540.548201 -2.516700
-259.045185 -76.048526 -2950.900
0.50000 -7.251799 -514.498515 -2.516700
-259.045185 -80.738264 -2927.691
0.75000 -7.892898 -489.365955 -2.516700
-259.045185 -86.071605 -2904.562
1.00000 -8.560521 -465.406829 -2.516700
-259.045185 -91.993583 -2881.385

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.876454 233.958710 9.287558
610.948244 72.716216 4063.142
0.25000 16.268899 249.404932 9.287558
615.492770 70.548516 4406.418
0.50000 15.682491 266.072787 9.287558
620.036612 68.868262 4730.564
0.75000 15.123525 283.757836 9.287558
624.581821 67.746155 5041.900
1.00000 14.597816 302.230070 9.287558
629.126347 67.346683 5325.650

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.687092 -620.402454 -6.357144
-498.016540 -73.575701 -3835.138
0.25000 -9.193404 -596.634023 -6.357144
-498.016540 -75.507908 -3826.359
0.50000 -9.734941 -573.432810 -6.357144
-498.016540 -78.177044 -3817.514
0.75000 -10.306125 -551.046637 -6.357144
-498.016540 -81.668203 -3808.747
1.00000 -10.900917 -529.703696 -6.357144
-498.016540 -86.170181 -3799.946

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.673835 193.880382 7.969918
530.574458 76.211611 4340.775
0.25000 11.934966 214.079354 7.969918
530.574458 75.409307 4564.336
0.50000 11.209136 235.455770 7.969918
530.574458 75.762486 4794.030
0.75000 10.498815 257.758522 7.969918
530.574458 77.214680 5032.672
1.00000 9.869256 280.932511 7.969918
540.409696 79.596972 5269.039

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.046575 -543.076056 -7.202497
-596.201913 -70.732369 -2675.424
0.25000 -8.705152 -519.534332 -7.202497
-565.244470 -73.156362 -2550.433
0.50000 -9.393554 -496.350718 -7.202497
-543.188420 -76.762064 -2425.483
0.75000 -10.105154 -473.645343 -7.202497
-542.953035 -81.499092 -2300.653
1.00000 -10.837719 -451.724811 -7.202497
-542.924859 -87.090872 -2175.971
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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.876454	233.958710	9.287558
610.948244	82.008371	4063.142	
0.25000	16.268899	249.404932	9.287558
615.492770	82.328465	4406.418	
0.50000	15.682491	266.072787	9.287558
620.036612	83.509220	4730.564	
0.75000	15.123525	283.757836	9.287558
624.581821	85.385998	5041.900	
1.00000	14.597816	302.230070	9.287558
629.126347	88.250777	5325.650	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.241571	-620.402454	-8.749623
-680.640595	-73.575701	-3835.138	
0.25000	-9.602137	-596.634023	-8.749623
-656.694326	-76.048526	-3826.359	
0.50000	-9.988807	-573.432810	-8.749623
-634.090485	-80.738264	-3817.514	
0.75000	-10.397345	-551.046637	-8.749623
-613.406697	-86.071605	-3808.747	
1.00000	-10.900917	-529.703696	-8.749623
-610.793192	-91.993583	-3799.946	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.876454	233.958710	9.287558
610.948244	82.008371	4340.775	
0.25000	16.268899	249.404932	9.287558
615.492770	82.328465	4564.336	
0.50000	15.682491	266.072787	9.287558
620.036612	83.509220	4794.030	
0.75000	15.123525	283.757836	9.287558
624.581821	85.385998	5041.900	
1.00000	14.597816	302.230070	9.287558
629.126347	88.250777	5325.650	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.241571	-620.402454	-8.749623
-680.640595	-73.575701	-3835.138	
0.25000	-9.602137	-596.634023	-8.749623
-656.694326	-76.048526	-3826.359	
0.50000	-9.988807	-573.432810	-8.749623
-634.090485	-80.738264	-3817.514	
0.75000	-10.397345	-551.046637	-8.749623
-613.406697	-86.071605	-3808.747	
1.00000	-10.900917	-529.703696	-8.749623
-610.793192	-91.993583	-3799.946	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.876454	233.958710	9.287558
610.948244	82.008371	4340.775	
0.25000	16.268899	249.404932	9.287558
615.492770	82.328465	4564.336	
0.50000	15.682491	266.072787	9.287558
620.036612	83.509220	4794.030	
0.75000	15.123525	283.757836	9.287558
624.581821	85.385998	5041.900	
1.00000	14.597816	302.230070	9.287558
629.126347	88.250777	5325.650	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.241571	-620.402454	-8.749623
-680.640595	-73.575701	-3835.138	
0.25000	-9.602137	-596.634023	-8.749623
-656.694326	-76.048526	-3826.359	
0.50000	-9.988807	-573.432810	-8.749623
-634.090485	-80.738264	-3817.514	
0.75000	-10.397345	-551.046637	-8.749623
-613.406697	-86.071605	-3808.747	
1.00000	-10.900917	-529.703696	-8.749623
-610.793192	-91.993583	-3799.946	

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ELEM 49 ========== LENGTH = 4.994669

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.837761	37.320253	2.867441
48.884679	54.018581	1239.728	
0.25000	3.828334	37.593455	2.867441
49.670189	54.131462	1270.081	
0.50000	3.819613	37.880250	2.867441
50.496380	55.382153	1306.768	
0.75000	3.811144	38.177282	2.867441
51.355546	57.732237	1348.071	
1.00000	3.803032	38.503499	2.867441
52.351320	61.010302	1393.755	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.645089	-61.099791	-4.638326
-231.082380	-4.020029	-813.044382	
0.25000	-3.653252	-60.771650	-4.638326
-230.087712	-3.121162	-773.585316	
0.50000	-3.661734	-60.469959	-4.638326
-229.229238	-2.263186	-734.126250	
0.75000	-3.670444	-60.175678	-4.638326
-228.404158	-1.553875	-694.667184	
1.00000	-3.679864	-59.892313	-4.638326
-227.629352	-1.658522	-655.208117	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.222674	95.249125	4.275847
229.752829	73.145453	2850.456	
0.25000	6.222325	95.259247	4.275847
229.781964	72.213768	2879.185	
0.50000	6.222002	95.269872	4.275847
229.812606	72.721927	2937.661	
0.75000	6.221688	95.280877	4.275847
229.844470	74.618923	3036.995	
1.00000	6.221388	95.292964	4.275847
229.881402	77.596935	3166.420	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.002742	-161.256389	-6.169525
-443.987090	-9.975019	-1561.757	
0.25000	-6.003045	-161.244231	-6.169525
-443.950198	-8.666258	-1482.457	
0.50000	-6.003359	-161.233054	-6.169525
-443.918360	-7.944414	-1403.157	
0.75000	-6.003682	-161.222152	-6.169525
-443.887760	-7.698875	-1323.857	
1.00000	-6.004031	-161.211654	-6.169525
-443.858993	-7.454910	-1244.557	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.057722	201.871353	6.903444
326.271855	74.764257	4660.983	
0.25000	9.511412	217.421008	6.903444
357.627713	72.783746	4761.955	
0.50000	8.992175	233.785707	6.903444
392.845109	72.090290	4866.885	
0.75000	8.488161	250.762892	6.903444
429.982754	72.656429	4986.504	
1.00000	8.005355	268.847532	6.903444
472.065972	74.199215	5111.056	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.562780	-382.030994	-7.393728
-551.675902	-47.673370	-2140.567	
0.25000	-10.051289	-363.820302	-7.393728
-512.170857	-47.630305	-2026.276	
0.50000	-10.558780	-346.543548	-7.393728
-476.905605	-48.408766	-1911.985	

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COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.163956	148.767735	4.935929
263.934237	7.165459	2653.822	
0.25000	4.514836	166.759113	4.935929
263.934237	6.023938	2746.675	
0.50000	3.873845	185.765836	4.935929
263.934237	5.404995	2811.517	
0.75000	3.252001	205.534454	4.935929
263.934237	5.726856	2848.317	
1.00000	2.656272	225.608520	4.935929
263.934237	6.057334	2858.151	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.555324	-292.702830	-2.996263
-66.883868	-63.839322	-890.604294	
0.25000	-6.162532	-272.453909	-2.996263
-66.883868	-63.954980	-837.298115	
0.50000	-6.793166	-252.278260	-2.996263
-66.883868	-65.315255	-783.991936	
0.75000	-7.440690	-232.642053	-2.996263
-66.883868	-67.832794	-730.685757	
1.00000	-8.092214	-213.805142	-2.996263
-66.883868	-71.173869	-677.379578	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.356139	235.997642	6.593296
425.436956	19.441876	4559.195	
0.25000	7.505474	259.799420	6.593296
425.436956	16.933661	4670.995	
0.50000	6.677058	284.910444	6.593296
425.436956	14.426127	4766.911	
0.75000	5.873166	311.001423	6.593296
425.436956	12.761065	4857.224	
1.00000	5.103096	337.978159	6.593296
437.425015	12.135205	4933.474	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.562852	-456.336005	-4.139697
-221.064805	-80.938684	-1653.182	
0.25000	-9.345736	-429.142033	-4.139697
-221.064805	-81.265334	-1557.548	
0.50000	-10.158940	-402.541855	-4.139697
-221.064805	-82.970519	-1461.915	
0.75000	-10.993868	-376.638094	-4.139697
-221.064805	-85.988355	-1366.281	
1.00000	-11.846877	-351.769565	-4.139697
-221.064805	-90.010716	-1270.648	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.172674	244.576617	7.948644
467.316284	51.474003	5269.141	
0.25000	9.417409	265.699510	7.948644
467.316284	49.062782	5390.392	
0.50000	8.681404	287.985731	7.948644
467.316284	47.461207	5505.306	
0.75000	7.967195	311.142796	7.948644
467.316284	47.492590	5625.157	
1.00000	7.283034	335.065569	7.948644
473.854793	48.955105	5743.330	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.168112	-468.714156	-6.726229
-391.878680	-75.819954	-2175.882	

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REL DIST P V2 V3

T	M2	M3	
0.25000	-10.863745	-444.598000	-6.726229
-391.878680	-75.885914	-2055.296	
0.50000	-11.586315	-420.987809	-6.726229
-391.878680	-77.181811	-1934.709	
0.75000	-12.328190	-397.996381	-6.726229
-391.878680	-79.653092	-1814.122	
1.00000	-13.085570	-375.924609	-6.726229
-391.878680	-83.024392	-1693.536	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.349160	57.349753	2.388668
80.631207	56.232163	1441.839	
0.25000	5.341676	57.580311	2.388668
81.262410	57.985750	1491.679	
0.50000	5.334539	57.828586	2.388668
81.949034	60.434464	1543.024	
0.75000	5.327821	58.091616	2.388668
82.681089	63.562889	1595.292	
1.00000	5.321602	58.366658	2.388668
83.447942	67.152132	1648.359	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.006130	-95.856456	-4.919970
-265.300170	-3.841864	-1448.900	
0.25000	-5.013244	-95.551989	-4.919970
-264.587060	-3.073306	-1456.237	
0.50000	-5.020832	-95.258264	-4.919970
-263.908386	-2.426949	-1463.761	
0.75000	-5.028811	-94.978167	-4.919970
-263.274489	-1.928710	-1471.333	
1.00000	-5.037106	-94.714792	-4.919970
-262.695289	-1.793323	-1478.904	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.839850	139.565475	3.888389
269.964237	77.892518	3125.764	
0.25000	8.839675	139.570852	3.888389
269.979167	79.147065	3204.673	
0.50000	8.839509	139.576643	3.888389
269.995403	81.424042	3298.887	
0.75000	8.839352	139.582780	3.888389
270.012713	84.549383	3415.932	
1.00000	8.839207	139.589197	3.888389
270.030846	88.336594	3544.665	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.937476	-226.283670	-6.744888
-486.569525	-11.341486	-2764.879	
0.25000	-7.937642	-226.276569	-6.744888
-486.552617	-9.848329	-2773.951	
0.50000	-7.937819	-226.269720	-6.744888
-486.536526	-8.828898	-2783.036	
0.75000	-7.938004	-226.263190	-6.744888
-486.521491	-8.368908	-2792.116	
1.00000	-7.938197	-226.257051	-6.744888
-486.507741	-8.099923	-2801.195	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.684201	246.288739	6.966620
415.066564	83.679393	4827.826	
0.25000	13.277454	258.862726	6.966620
439.224108	83.751798	4991.852	
0.50000	12.889228	272.360054	6.966620
465.767999	84.824970	5144.573	
0.75000	12.523540	286.622670	6.966620
494.159182	86.714128	5292.977	
1.00000	12.184650	301.488066	6.966620
523.787612	89.224530	5426.443	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.824304	-441.245132	-7.922665
-600.025922	-51.086320	-3758.284	
0.25000	-11.230170	-424.617608	-7.922665
-574.686644	-51.400766	-3761.781	
0.50000	-11.661387	-408.523187	-7.922665
-550.547843	-52.381196	-3765.252	
0.75000	-12.113579	-393.129778	-7.922665
-528.224489	-54.196729	-3768.695	
1.00000	-12.582463	-378.600733	-7.922665
-508.280673	-56.410666	-3772.157	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.517563	152.304685	5.440772
302.204297	16.051087	2566.490	
0.25000	7.044001	167.022100	5.440772
299.164054	14.833580	2683.161	
0.50000	6.591279	182.742941	5.440772
296.122934	13.794626	2768.812	
0.75000	6.164603	199.284023	5.440772
293.083721	13.127307	2822.976	
1.00000	5.768432	216.443683	5.440772
290.043555	12.465986	2845.769	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.015593	-295.608219	-2.732268
-104.496703	-68.448856	-1545.452	
0.25000	-5.522713	-276.111979	-2.732268
-104.496703	-69.938724	-1537.836	
0.50000	-6.058598	-257.141627	-2.732268
-104.496703	-72.028353	-1530.242	
0.75000	-6.618453	-238.912428	-2.732268
-104.496703	-74.730015	-1522.637	
1.00000	-7.196814	-221.610514	-2.732268
-104.496703	-77.833263	-1515.013	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.715138	257.972823	7.390477
470.625737	31.466068	4463.866	
0.25000	11.094199	277.237574	7.390477
474.932804	29.070047	4628.698	
0.50000	10.500822	297.852256	7.390477
480.377489	26.878586	4765.254	
0.75000	9.941780	319.574835	7.390477
485.845518	25.071075	4880.625	
1.00000	9.422829	342.148443	7.390477
494.457795	23.728082	4965.448	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.077667	-477.957653	-4.140563
-268.471841	-86.403199	-2881.457	
0.25000	-8.726619	-452.452369	-4.140563
-267.310879	-88.011517	-2872.497	
0.50000	-9.413657	-427.681615	-4.140563
-267.287534	-90.388663	-2863.591	
0.75000	-10.132307	-403.916086	-4.140563
-267.287534	-93.563890	-2854.627	
1.00000	-10.875680	-381.405248	-4.140563
-267.287534	-97.316087	-2845.664	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.392203	283.457043	8.397282
516.807543	64.310428	5325.901	
0.25000	13.839299	300.612294	8.397282
520.527457	63.186684	5513.168	
0.50000	13.310923	318.968408	8.397282
525.071654	62.693900	5679.684	
0.75000	12.813114	338.309930	8.397282
529.617011	62.962412	5832.495	
1.00000	12.351000	358.407877	8.397282
534.291053	63.829277	5960.043	

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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.730247	-517.151603	-6.918127
-443.218377	-81.142375	-3799.925	
0.25000	-11.308647	-494.438587	-6.918127
-442.392935	-82.188766	-3796.629	
0.50000	-11.920933	-472.378151	-6.918127
-442.391775	-84.068948	-3793.377	
0.75000	-12.561394	-451.211618	-6.918127
-442.391775	-86.761241	-3790.075	
1.00000	-13.223837	-431.161031	-6.918127
-442.391775	-90.002878	-3786.771	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.172674	244.576617	7.948644
467.316284	74.764257	5269.141	
0.25000	9.511412	265.699510	7.948644
467.316284	72.783746	5390.392	
0.50000	8.992175	287.985731	7.948644
467.316284	72.721927	5505.306	
0.75000	8.488161	311.142796	7.948644
467.316284	74.618923	5625.157	
1.00000	8.005355	337.978159	7.948644
473.854793	77.596935	5743.330	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.168112	-468.714156	-7.393728
-551.675902	-80.938684	-2175.882	
0.25000	-10.863745	-444.598000	-7.393728
-512.170857	-81.265334	-2055.296	
0.50000	-11.586315	-420.987809	-7.393728
-476.905605	-82.970519	-1934.709	
0.75000	-12.328190	-397.996381	-7.393728
-455.181363	-85.988355	-1814.122	
1.00000	-13.085570	-375.924609	-7.393728
-453.919129	-90.010716	-1693.536	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.392203	283.457043	8.397282
516.807543	83.679393	5325.901	
0.25000	13.839299	300.612294	8.397282
520.527457	83.751798	5513.168	
0.50000	13.310923	318.968408	8.397282
525.071654	84.824970	5679.684	
0.75000	12.813114	338.309930	8.397282
529.617011	86.714128	5832.495	
1.00000	12.351000	358.407877	8.397282
534.291053	89.224530	5960.043	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.824304	-517.151603	-7.922665
-600.025922	-86.403199	-3799.925	
0.25000	-11.308647	-494.438587	-7.922665
-574.686644	-88.011517	-3796.629	
0.50000	-11.920933	-472.378151	-7.922665
-550.547843	-90.388663	-3793.377	
0.75000	-12.561394	-451.211618	-7.922665
-528.224489	-93.563890	-3790.075	
1.00000	-13.223837	-431.161031	-7.922665
-508.280673	-97.316087	-3786.771	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.392203	283.457043	8.397282
516.807543	83.679393	5325.901	
0.25000	13.839299	300.612294	8.397282
520.527457	83.751798	5513.168	
0.50000	13.310923	318.968408	8.397282
525.071654	84.824970	5679.684	
0.75000	12.813114	338.309930	8.397282
529.617011	86.714128	5832.495	
1.00000	12.351000	358.407877	8.397282
534.291053	89.224530	5960.043	

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COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.824304	-517.151603	-7.922665
-600.025922	-86.403199	-3799.925	
0.25000	-11.308647	-494.438587	-7.922665
-574.686644	-88.011517	-3796.629	
0.50000	-11.920933	-472.378151	-7.922665
-550.547843	-90.388663	-3793.377	

```
 0.75000    -12.561394  -451.211618    -7.922665
-528.224489   -93.563890    -3790.075
 1.00000    -13.223837  -431.161031    -7.922665
-508.280673   -97.316087    -3786.771

 COMB   DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    14.392203   283.457043    8.397282
516.807543   83.679393    5325.901
 0.25000    13.839299   300.612294    8.397282
520.527457   83.75179     5513.168
 0.50000    13.310923   318.968408    8.397282
525.071654   84.824970    5679.684
 0.75000    12.813114   338.309930    8.397282
529.617011   86.714128    5832.495
 1.00000    12.351000   358.407877    8.397282
534.291053   89.224530    5960.043

 COMB   DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -10.824304  -517.151603    -7.922665
-600.025922   -86.403199    -3799.925
 0.25000   -11.308647  -494.438587    -7.922665
-574.686644   -88.011517    -3796.629
 0.50000   -11.920933  -472.378151    -7.922665
-550.547843   -90.388663    -3793.377
 0.75000   -12.561394  -451.211618    -7.922665
-528.224489   -93.563890    -3790.075
 1.00000   -13.223837  -431.161031    -7.922665
-508.280673   -97.316087    -3786.771

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 4.993666

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    3.605531    36.945473    3.751898
135.457089   56.525702    1393.553
 0.25000    3.595980    37.226100    3.751898
136.238793   55.624787    1386.044
 0.50000    3.587170    37.519062    3.751898
137.062312   55.889786    1383.054
 0.75000    3.578701    37.820864    3.751898
137.919396   57.304622    1386.043
 1.00000    3.571005    38.150370    3.751898
138.912896   59.667672    1393.550

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -3.793125   -38.167547   -3.939803
-138.473733   -1.710535  -655.313203
 0.25000   -3.801646   -37.838022   -3.939803
-137.480222   -1.919368  -611.748599
 0.50000   -3.810428   -37.536165   -3.939803
-136.623103   -2.130629  -568.199009
 0.75000   -3.819374   -37.243130   -3.939803
-135.799518   -2.348955  -611.664637
 1.00000   -3.828982   -36.962406   -3.939803
-135.017736   -2.793740  -655.236737

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    5.492208   114.244087    5.245812
335.553708   72.183752    3166.173
 0.25000    5.491854   114.254484    5.245812
335.582702   70.209704    3117.042
 0.50000    5.491528   114.265337    5.245812
335.613245   69.718834    3095.419
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 REL DIST            P            V2           V3
    T          M2          M3
 0.75000    5.491214   114.276518    5.245812
335.645032   72.286542    3116.997
 1.00000    5.490929   114.288727    5.245812
335.681880   76.022885    3166.075

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -6.660276  -114.300313   -5.373315
-335.210080   -7.581556   -1244.637
 0.25000   -6.660592  -114.288103   -5.373315
-335.173231   -7.452969   -1160.474
 0.50000   -6.660917  -114.276920   -5.373315
-335.141443   -7.323866   -1076.321
 0.75000   -6.661249  -114.266064   -5.373315
-335.110898   -7.898629   -1160.268
 1.00000   -6.661604  -114.255664   -5.373315
-335.081900   -8.487304   -1244.434

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    8.317177   244.515423    7.251195
367.056852   69.463059    5110.837
 0.25000    7.766710   260.530840    7.251195
397.631844   67.436432    5098.361
 0.50000    7.246913   277.280964    7.251195
431.445613   67.272463    5086.786
 0.75000    6.765434   294.556822    7.251195
466.702146   70.164670    5098.309
 1.00000    6.604116   312.848811    7.251195
508.507850   74.207465    5110.667

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -11.267139  -312.848417   -7.308764
-508.644828   -47.980859    -1683.387
 0.25000   -11.776542  -294.555626   -7.308764
-466.779491   -48.150011    -1567.248
 0.50000   -12.301324  -277.277663   -7.308764
-431.520693   -48.700050    -1451.118
 0.75000   -12.835767  -260.524682   -7.308764
-397.702615   -50.585427    -1566.933
 1.00000   -13.392366  -244.505467   -7.308764
-366.935748   -53.283350    -1683.060

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    3.662406   180.407668    4.176068
162.616654    6.434439    2858.421
 0.25000    3.013511   199.013884    4.176068
162.616654    6.928652    2897.532
 0.50000    2.757414   218.527079    4.176068
162.616654    7.436723    2907.544
 0.75000    2.757414   238.689016    4.176068
162.616654    7.956527    2897.491
 1.00000    2.757414   259.038398    4.176068
162.616654    8.484137    2858.279

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -7.090550  -259.000783   -3.931939
-163.371719  -66.916993  -677.271759
 0.25000   -7.722886  -238.650982   -3.931939
-163.371719  -65.890830  -628.146699
 0.50000   -8.373894  -218.488368   -3.931939
-163.371719  -66.123869  -579.021639
 0.75000   -9.036697  -198.974177   -3.931939
-163.371719  -67.536230  -627.996906
 1.00000   -9.697741  -180.366646   -3.931939
-163.371719  -69.790766  -677.100452

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    6.078188   292.438942    5.633068
308.511352   13.073254    4933.692
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 REL DIST            P            V2           V3
    T          M2          M3
 0.25000    5.225370   317.017067    5.633068
308.511352   12.728210    4949.250
 0.50000    4.411601   342.768698    5.633068
308.511352   12.390984    4946.216
 0.75000    4.353997   369.356880    5.633068
308.511352   13.697159    4949.173
 1.00000    4.353997   396.680664    5.633068
320.418454   15.103202    4933.441

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -10.939596  -396.638488   -5.265680
-321.412281   -83.527370   -1270.476
 0.25000   -11.755256  -369.313855   -5.265680
-309.381483   -82.408304   -1179.753
 0.50000   -12.595235  -342.723985   -5.265680
-309.381483   -82.688060   -1089.031
 0.75000   -13.450456  -316.969896   -5.265680
-309.381483   -84.999414   -1179.469
 1.00000   -14.316893  -292.388448   -5.265680
-309.381483   -88.346935   -1270.160

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    7.899590   302.198708    7.540663
417.194241   46.219494    5743.392
 0.25000    7.142518   324.012136    7.540663
417.194241   45.349575    5743.920
 0.50000    6.420590   346.868107    7.540663
417.194241   45.344855    5735.172
 0.75000    6.391726   370.467393    7.540663
417.194241   47.763723    5743.837
 1.00000    6.391726   394.698881    7.540663
423.626972   50.880687    5743.147

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -12.431977  -394.664428   -7.387784
-424.259012   -77.292078   -1693.424
 0.25000   -13.156718  -370.432200   -7.387784
-417.715480   -76.189058   -1574.757
 0.50000   -13.903056  -346.831449   -7.387784
-417.715480   -76.528947   -1456.090
 0.75000   -14.662937  -323.973344   -7.387784
-417.715480   -78.776525   -1574.413
 1.00000   -15.432198  -302.157034   -7.387784
-417.715480   -81.953895   -1693.055

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    4.777676   69.949870    3.550243
162.053747   62.686288    1648.110
 0.25000    4.770672   70.197526    3.550243
162.658396   62.481721    1646.614
 0.50000    4.764049   70.462486    3.550243
163.318236   62.901523    1646.111
 0.75000    4.757877   70.741762    3.550243
164.023013   63.937484    1646.625
 1.00000    4.752237   71.032497    3.550243
164.762639   65.406723    1648.148

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -5.315146   -71.040771   -3.597927
-164.627158   -2.068684   -1478.910
 0.25000   -5.322997   -70.750064   -3.597927
-163.887437   -2.502563   -1478.916
 0.50000   -5.331305   -70.470821   -3.597927
-163.182647   -2.960439   -1478.933
 0.75000   -5.339983   -70.205815   -3.597927
-162.522308   -3.467719   -1478.944
 1.00000   -5.348952   -69.958119   -3.597927
-161.917242   -4.132684   -1478.950
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    7.667509   174.251869    5.211883
369.921886   83.142791    3544.379
 0.25000    7.667346   174.257643    5.211883
369.936197   82.483929    3518.692
 0.50000    7.667191   174.263821    5.211883
369.951836   82.564260    3507.713
 0.75000    7.667047   174.270335    5.211883
369.968509   83.918525    3518.681
 1.00000    7.666916   174.277117    5.211883
369.986037   85.961142    3544.355

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -8.870132  -174.286086   -5.276983
-369.816488   -8.750495   -2801.180
 0.25000   -8.870315  -174.279305   -5.276983
-369.798975   -8.841411   -2801.180
 0.50000   -8.870508  -174.272792   -5.276983
-369.782288   -8.983968   -2801.193
 0.75000   -8.870710  -174.266612   -5.276983
-369.766652   -9.504379   -2801.191
 1.00000   -8.870919  -174.260837   -5.276983
-369.752315  -10.217304   -2801.191

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    11.884510   301.985822    7.311301
441.567119   84.902742    5426.313
 0.25000    11.510478   315.578740    7.311301
463.592162   84.146056    5441.141
 0.50000    11.156824   330.070959    7.311301
487.996914   84.366254    5443.809
 0.75000    10.827632   345.300714    7.311301
514.212203   85.863978    5441.076
 1.00000    10.527041   361.105718    7.311301
541.649730   88.031555    5426.180

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -12.701158  -361.106929   -7.374631
-541.705258   -51.803194   -3772.135
 0.25000   -13.152901  -345.303455   -7.374631
-514.249464   -52.395808   -3772.113
 0.50000   -13.628947  -330.076040   -7.374631
-488.010249   -53.229068   -3772.105
 0.75000   -14.124665  -315.581917   -7.374631
-463.588517   -54.726274   -3772.105
 1.00000   -14.635522  -301.988035   -7.374631
-441.540975   -56.624645   -3772.086

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    6.548902   183.383631    4.056494
195.022151   12.692924    2846.010
 0.25000    6.125686   199.448465    4.056494
194.881567   13.047299    2893.251
 0.50000    5.725416   216.483070    4.056494
193.876275   13.408385    2909.074
 0.75000    5.353324   234.306378    4.056494
191.877606   13.769903    2893.169
 1.00000    5.141667   252.710619    4.056494
188.998951   14.214752    2845.845

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -6.424886  -252.689178   -3.974449
-189.192427   -73.422202   -1515.016
 0.25000   -6.995933  -234.286606   -3.974449
-192.091383   -72.960405   -1514.980
 0.50000   -7.594244  -216.467472   -3.974449
-194.125686   -73.070339   -1514.949
 0.75000   -8.214733  -199.431349   -3.974449
-195.166501   -73.825435   -1514.952
 1.00000   -8.851612  -183.367537   -3.974449
-195.327386   -75.090828   -1514.903
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    10.061642   313.780832    5.766896
353.194490   24.582609    4965.705
 0.25000    9.500576   334.737883    5.766896
353.421407   24.471526    5005.803
 0.50000    8.970326   357.003371    5.766896
355.220315   24.397463    5016.990
 0.75000    8.477074   380.334623    5.766896
358.847134   25.012222    5005.677
 1.00000    8.027113   404.469750    5.766896
367.530332   25.714639    4965.448

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -10.334673  -404.449440   -5.686786
-367.943109   -91.096011   -2845.646
 0.25000   -11.062561  -380.316554   -5.686786
-359.139361   -90.662181   -2845.594
 0.50000   -11.826704  -356.986822   -5.686786
-355.471426   -90.833366   -2845.558
 0.75000   -12.620253  -334.722296   -5.686786
-353.631282   -92.061539   -2845.548
 1.00000   -13.435873  -313.765586   -5.686786
-353.380687   -93.878236   -2845.508

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    12.426901   348.138405    7.532042
462.819769   61.425618    5960.130
 0.25000    11.927615   366.803097    7.532042
462.955715   61.227821    5989.149
 0.50000    11.455530   386.631616    7.532042
464.404665   61.371574    5996.552
 0.75000    11.016499   407.408051    7.532042
467.463283   62.470839    5989.035
 1.00000    10.616015   428.898847    7.532042
472.280302   63.988150    5959.901

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -13.083978  -428.882458   -7.530179
-472.560736   -84.577068   -3786.748
 0.25000   -13.732834  -407.393655   -7.530179
-467.637450   -84.143254   -3786.698
 0.50000   -14.413957  -386.618612   -7.530179
-464.542032   -84.258286   -3786.666
 0.75000   -15.121229  -366.790947   -7.530179
-463.056177   -85.446575   -3786.665
 1.00000   -15.848157  -348.126591   -7.530179
-462.904262   -87.286781   -3786.609

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    8.317177   302.198708    7.540663
417.194241   72.183752    5743.392
 0.25000    7.766710   324.012136    7.540663
417.194241   70.209704    5743.920
 0.50000    7.246913   346.868107    7.540663
431.445613   69.718834    5735.172
 0.75000    6.765434   370.467393    7.540663
466.702146   72.286542    5743.837
 1.00000    6.604116   396.680664    7.540663
508.507850   76.022885    5743.147

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -12.431977  -396.638488   -7.387784
-508.644828   -83.527370   -1693.424
 0.25000   -13.156718  -370.432200   -7.387784
-466.779491   -82.408304   -1574.757
 0.50000   -13.903056  -346.831449   -7.387784
-431.520693   -82.688060   -1456.090
 0.75000   -14.662937  -323.973344   -7.387784
-417.715480   -84.999414   -1574.413
 1.00000   -15.432198  -302.157034   -7.387784
-417.715480   -88.346935   -1693.055
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 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    12.426901   348.138405    7.532042
462.819769   84.902742    5960.130
 0.25000    11.927615   366.803097    7.532042
463.592162   84.146056    5989.149
 0.50000    11.455530   386.631616    7.532042
487.996914   84.366254    5996.552
 0.75000    11.016499   407.408051    7.532042
514.212203   85.863978    5989.035
 1.00000    10.616015   428.898847    7.532042
541.649730   88.031555    5959.901

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -13.083978  -428.882458   -7.530179
-541.705258   -91.096011   -3786.748
 0.25000   -13.732834  -407.393655   -7.530179
-514.249464   -90.662181   -3786.698
 0.50000   -14.413957  -386.618612   -7.530179
-488.010249   -90.833366   -3786.666
 0.75000   -15.121229  -366.790947   -7.530179
-463.588517   -92.061539   -3786.665
 1.00000   -15.848157  -348.126591   -7.530179
-462.904262   -93.878236   -3786.609

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    12.426901   348.138405    7.540663
462.819769   84.902742    5960.130
 0.25000    11.927615   366.803097    7.540663
463.592162   84.146056    5989.149
 0.50000    11.455530   386.631616    7.540663
487.996914   84.366254    5996.552
 0.75000    11.016499   407.408051    7.540663
514.212203   85.863978    5989.035
 1.00000    10.616015   428.898847    7.540663
541.649730   88.031555    5959.901

 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -13.083978  -428.882458   -7.530179
-541.705258   -91.096011   -3786.748
 0.25000   -13.732834  -407.393655   -7.530179
-514.249464   -90.662181   -3786.698
 0.50000   -14.413957  -386.618612   -7.530179
-488.010249   -90.833366   -3786.666
 0.75000   -15.121229  -366.790947   -7.530179
-463.588517   -92.061539   -3786.665
 1.00000   -15.848157  -348.126591   -7.530179
-462.904262   -93.878236   -3786.609

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    12.426901   348.138405    7.540663
462.819769   84.902742    5960.130
 0.25000    11.927615   366.803097    7.540663
463.592162   84.146056    5989.149
 0.50000    11.455530   386.631616    7.540663
487.996914   84.366254    5996.552
 0.75000    11.016499   407.408051    7.540663
514.212203   85.863978    5989.035
 1.00000    10.616015   428.898847    7.540663
541.649730   88.031555    5959.901

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -13.083978  -428.882458   -7.530179
-541.705258   -91.096011   -3786.748
 0.25000   -13.732834  -407.393655   -7.530179
-514.249464   -90.662181   -3786.698
 0.50000   -14.413957  -386.618612   -7.530179
-488.010249   -90.833366   -3786.666
 0.75000   -15.121229  -366.790947   -7.530179
-463.588517   -92.061539   -3786.665
 1.00000   -15.848157  -348.126591   -7.530179
-462.904262   -93.878236   -3786.609
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 ELEM        51 ================== LENGTH =
 4.993670

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000    3.234387    59.878077    4.414716
228.075531   55.433164    1393.840
 0.25000    3.225186    60.161325    4.414716
228.849531   53.571203    1348.188
 0.50000    3.217213    60.455510    4.414716
229.674523   52.821297    1306.917
 0.75000    3.210752    60.757129    4.414716
230.532901   53.139594    1270.268
 1.00000    3.210752    61.085204    4.414716
231.527349   54.380585    1239.960

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2          M3
 0.00000   -3.889276   -38.504277   -3.000874
-52.688156   -2.889598  -655.164139
 0.25000   -3.897869   -38.178076   -3.000874
-51.692446   -3.938714  -694.650398
```

0.50000 -3.906640 -37.881047 -3.000874
-50.833127 -5.009873 -734.136658
0.75000 -3.915487 -37.594238 -3.000874
-50.006809 -6.099911 -773.622917
1.00000 -3.924935 -37.320969 -3.000874
-49.221140 -7.201022 -813.109176

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.632430 161.208266 5.969422
444.326156 70.744543 3166.487
0.25000 4.632089 161.218760 5.969422
444.354893 69.380515 3037.061
0.50000 4.631794 161.229659 5.969422
444.385491 69.432723 2937.709
0.75000 4.631552 161.240833 5.969422
444.417325 70.872451 2879.235
1.00000 4.631552 161.252989 5.969422
444.454209 73.330875 2850.562

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.204423 -95.296225 -4.257266
-229.571801 -8.569224 -1244.393
0.25000 -7.204741 -95.284138 -4.257266
-229.534871 -9.458160 -1323.713
0.50000 -7.205066 -95.273134 -4.257266
-229.503002 -10.727837 -1403.032
0.75000 -7.205394 -95.262508 -4.257266
-229.472355 -12.258239 -1482.352
1.00000 -7.205744 -95.252384 -4.257266
-229.443213 -13.793107 -1561.671

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.430450 313.539071 7.235716
454.624572 69.738455 5110.964
0.25000 5.939757 329.722889 7.235716
455.361672 69.611091 4986.323
0.50000 5.865718 346.556578 7.235716
477.084721 70.739410 4866.612
0.75000 5.865718 363.830365 7.235716
512.111379 73.106464 4761.619
1.00000 5.865718 382.038569 7.235716
551.611458 76.382879 4660.620

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.833580 -268.825655 -6.779552
-472.285986 -48.108851 -1683.090
0.25000 -13.344195 -250.742140 -6.779552
-430.198245 -48.499975 -1797.359
0.50000 -13.865246 -233.765775 -6.779552
-393.043577 -49.642727 -1911.629
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REL DIST P V2 V3
T M2 M3
0.75000 -14.390567 -217.401411 -6.779552
-357.809650 -51.542976 -2025.899
1.00000 -14.933058 -201.850430 -6.779552
-326.528116 -54.223948 -2140.169

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.890042 213.853135 3.174019
66.421446 8.623492 2857.924
0.25000 2.890042 232.688002 3.174019
66.421446 9.570132 2847.973
0.50000 2.890042 252.322386 3.174019
66.421446 10.556687 2811.065
0.75000 2.890042 272.496594 3.174019
66.421446 11.579502 2746.120
1.00000 2.890042 292.744810 3.174019
66.421446 12.634782 2653.169

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.580080 -225.550259 -4.654769
-264.763050 -65.453064 -677.173483
0.25000 -9.208815 -205.477728 -4.654769
-264.763050 -63.273130 -730.421839
0.50000 -9.850016 -185.711328 -4.654769
-264.763050 -62.308154 -783.670195
0.75000 -10.496099 -166.706996 -4.654769
-264.763050 -62.471020 -836.918551
1.00000 -11.132032 -148.718406 -4.654769
-264.763050 -63.430763 -890.166907

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.112186 351.831332 4.393284
221.580072 15.557996 4933.163
0.25000 4.112186 376.695480 4.393284
221.580072 17.512247 4856.738
0.50000 4.112186 402.595523 4.393284
221.580072 19.524250 4766.238
0.75000 4.112186 429.192828 4.393284
221.580072 21.624707 4670.163
1.00000 4.112186 456.384812 4.393284
221.580072 23.805059 4558.242

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.208643 -337.916556 -6.095647
-438.466710 -81.753715 -1270.292
0.25000 -14.021971 -310.942046 -6.095647
-426.440543 -79.926020 -1365.845
0.50000 -14.851645 -284.853184 -6.095647
-426.440543 -79.438527 -1461.398
0.75000 -15.687746 -259.744351 -6.095647
-426.440543 -80.226239 -1556.951
1.00000 -16.525285 -235.944155 -6.095647
-426.440543 -82.078199 -1652.504

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.841574 375.980545 6.768107
392.583467 47.880703 5743.102
0.25000 5.841574 398.048501 6.768107
392.583467 48.830172 5624.776
0.50000 5.841574 421.036684 6.768107
392.583467 50.683515 5504.763
0.75000 5.841574 444.644367 6.768107
392.583467 53.333463 5389.723
1.00000 5.841574 468.758803 6.768107
392.583467 56.608093 5268.388

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.562505 -335.012570 -7.624503
-474.616105 -76.141594 -1693.150
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REL DIST P V2 V3
T M2 M3
0.25000 -15.285073 -311.091763 -7.624503
-468.035251 -74.759614 -1813.676
0.50000 -16.022154 -287.936612 -7.624503
-468.035251 -74.580290 -1934.203
0.75000 -16.764940 -265.652376 -7.624503
-468.035251 -75.553774 -2054.729
1.00000 -17.508373 -244.530976 -7.624503
-468.035251 -77.857468 -2175.255

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.109622 94.726566 4.930031
263.013131 61.022344 1648.506
0.25000 4.103266 94.989845 4.930031
263.591842 58.920363 1595.491
0.50000 4.097325 95.269912 4.930031
264.225408 57.488902 1543.277
0.75000 4.091871 95.563612 4.930031
264.903739 56.788001 1491.987
1.00000 4.086983 95.868068 4.930031
265.616503 56.682532 1442.202

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.547758 -58.383212 -2.485477
-83.546716 -4.357773 -1479.029
0.25000 -5.556187 -58.108271 -2.485477
-82.779732 -5.920531 -1471.509
0.50000 -5.565034 -57.845255 -2.485477
-82.047097 -7.599573 -1463.985
0.75000 -5.574201 -57.596997 -2.485477
-81.360315 -9.446320 -1456.506
1.00000 -5.583601 -57.366400 -2.485477
-80.728723 -11.535978 -1449.215

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.451804 226.280130 6.845113
486.854451 81.005442 3544.800
0.25000 6.451655 226.286267 6.845113
486.868185 78.938594 3416.133
0.50000 6.451516 226.292796 6.845113
486.883211 77.747119 3299.102
0.75000 6.451389 226.299645 6.845113
486.899295 77.581066 3204.923
1.00000 6.451275 226.306745 6.845113
486.916194 78.434705 3126.045

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.735566 -139.617296 -4.002565
-270.116883 -10.935180 -2801.310
0.25000 -9.735762 -139.610881 -4.002565
-270.098740 -12.568580 -2792.281
0.50000 -9.735967 -139.604745 -4.002565
-270.081423 -14.597143 -2783.248
0.75000 -9.736181 -139.598954 -4.002565
-270.065184 -17.142088 -2774.214
1.00000 -9.736399 -139.593576 -4.002565
-270.050244 -20.260054 -2765.176

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.089979 378.620347 7.984654
508.684588 83.894605 5426.365
0.25000 9.759044 393.146851 7.984654
528.621391 83.013027 5292.894
0.50000 9.450309 408.540520 7.984654
550.925238 82.951911 5144.444
0.75000 9.167886 424.633599 7.984654
575.035357 84.059813 4991.706
1.00000 9.103201 441.259838 7.984654
600.360079 86.301324 4827.656
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COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.556549 -301.495870 -7.015616
-524.270237 -51.905699 -3772.147
0.25000 -15.043618 -286.633405 -7.015616
-494.624537 -52.709902 -3768.656
0.50000 -15.552525 -272.374494 -7.015616
-466.224352 -54.103019 -3765.199
0.75000 -16.078108 -258.878885 -7.015616
-439.657512 -56.462859 -3761.729
1.00000 -16.615203 -246.304247 -7.015616
-415.485653 -59.759683 -3758.236

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.650920 221.613694 2.743061
104.602548 14.321209 2845.496
0.25000 5.307593 238.915017 2.743061
104.602548 15.846256 2822.606
0.50000 5.213890 257.143341 2.743061
104.602548 17.405804 2768.354
0.75000 5.144519 276.113161 2.743061
104.602548 19.129379 2682.623
1.00000 5.098138 295.611852 2.743061
104.602548 21.091630 2565.883

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.893902 -216.402589 -5.309724
-290.561337 -70.555977 -1514.810
0.25000 -8.513128 -199.247210 -5.309724
-293.600894 -68.175885 -1522.348
0.50000 -9.156166 -182.710053 -5.309724
-296.639608 -66.355451 -1529.875
0.75000 -9.817261 -166.993130 -5.309724
-299.680009 -65.297336 -1537.435
1.00000 -10.489811 -152.278848 -5.309724
-302.719635 -64.945226 -1544.955

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.560543 381.413206 4.221897
267.902979 26.314219 4965.077
0.25000 8.077678 403.922165 4.221897
267.903124 28.389922 4880.132
0.50000 7.723894 427.685363 4.221897
267.903124 30.654582 4764.618
0.75000 7.625240 452.454939 4.221897
267.920851 33.344872 4627.943
1.00000 7.557455 477.960426 4.221897
269.044318 36.590191 4462.993

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.686794 -342.110989 -7.235862
-495.136631 -87.432831 -2845.421
0.25000 -13.474581 -319.543088 -7.235862
-486.515563 -85.205818 -2854.245
0.50000 -14.294407 -297.825339 -7.235862
-481.048629 -83.702076 -2863.107
0.75000 -15.138489 -277.214692 -7.235862
-475.600355 -83.253381 -2871.967
1.00000 -15.998502 -257.952448 -7.235862
-471.256887 -83.838465 -2880.797

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.547968 431.182249 7.001241
443.117335 61.440156 5959.787
0.25000 10.118338 451.231200 7.001241
443.117335 62.196843 5832.168
0.50000 9.811892 472.395753 7.001241
443.117335 63.656138 5679.244
0.75000 9.724304 494.455156 7.001241
443.117570 65.904819 5512.648
1.00000 9.664189 517.168289 7.001241
443.909515 69.125703 5325.302
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COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.480130 -358.387216 -8.349651
-534.939545 -81.643555 -3786.592
0.25000 -16.182459 -338.294349 -8.349651
-530.249378 -80.261862 -3789.821
0.50000 -16.913242 -318.957138 -8.349651
-525.704932 -79.770838 -3793.061
0.75000 -17.665626 -300.604655 -8.349651
-521.160721 -80.390973 -3796.297
1.00000 -18.432164 -283.451690 -8.349651
-517.408219 -82.390654 -3799.502

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.430450 375.980545 7.235716
454.624572 70.744543 5743.102
0.25000 5.939757 398.048501 7.235716
455.361672 69.611091 5624.776
0.50000 5.865718 421.036684 7.235716
477.084721 70.739410 5504.763
0.75000 5.865718 444.644367 7.235716
512.111379 73.106464 5389.723
1.00000 5.865718 468.758803 7.235716
551.611458 76.382879 5268.388

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.562505 -337.916556 -7.624503
-474.616105 -81.753715 -1693.150
0.25000 -15.285073 -311.091763 -7.624503
-468.035251 -79.926020 -1813.676
0.50000 -16.022154 -287.936612 -7.624503
-468.035251 -79.438527 -1934.203
0.75000 -16.764940 -265.652376 -7.624503
-468.035251 -80.226239 -2054.729
1.00000 -17.508373 -244.530976 -7.624503
-468.035251 -82.078199 -2175.255

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.547968 431.182249 7.984654
508.684588 83.894605 5959.787
0.25000 10.118338 451.231200 7.984654
528.621391 83.013027 5832.168
0.50000 9.811892 472.395753 7.984654
550.925238 82.951911 5679.244
0.75000 9.724304 494.455156 7.984654
575.035357 84.059813 5512.648
1.00000 9.664189 517.168289 7.984654
600.360079 86.301324 5325.302

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.480130 -358.387216 -8.349651
-534.939545 -87.432831 -3786.592
0.25000 -16.182459 -338.294349 -8.349651
-530.249378 -85.205818 -3789.821
0.50000 -16.913242 -318.957138 -8.349651
-525.704932 -83.702076 -3793.061
0.75000 -17.665626 -300.604655 -8.349651
-521.160721 -83.253381 -3796.297
1.00000 -18.432164 -283.451690 -8.349651
-517.408219 -83.838465 -3799.502

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.547968 431.182249 7.984654
508.684588 83.894605 5959.787
0.25000 10.118338 451.231200 7.984654
528.621391 83.013027 5832.168
0.50000 9.811892 472.395753 7.984654
550.925238 82.951911 5679.244
0.75000 9.724304 494.455156 7.984654
575.035357 84.059813 5512.648
1.00000 9.664189 517.168289 7.984654
600.360079 86.301324 5325.302

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COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.480130 -358.387216 -8.349651
-534.939545 -87.432831 -3786.592
0.25000 -16.182459 -338.294349 -8.349651
-530.249378 -85.205818 -3789.821
0.50000 -16.913242 -318.957138 -8.349651
-525.704932 -83.702076 -3793.061
0.75000 -17.665626 -300.604655 -8.349651
-521.160721 -83.253381 -3796.297
1.00000 -18.432164 -283.451690 -8.349651
-517.408219 -83.838465 -3799.502

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.547968 431.182249 7.984654
508.684588 83.894605 5959.787
0.25000 10.118338 451.231200 7.984654
528.621391 83.013027 5832.168
0.50000 9.811892 472.395753 7.984654
550.925238 82.951911 5679.244
0.75000 9.724304 494.455156 7.984654
575.035357 84.059813 5512.648
1.00000 9.664189 517.168289 7.984654
600.360079 86.301324 5325.302

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.480130 -358.387216 -8.349651
-534.939545 -87.432831 -3786.592
0.25000 -16.182459 -338.294349 -8.349651
-530.249378 -85.205818 -3789.821
0.50000 -16.913242 -318.957138 -8.349651
-525.704932 -83.702076 -3793.061
0.75000 -17.665626 -300.604655 -8.349651
-521.160721 -83.253381 -3796.297
1.00000 -18.432164 -283.451690 -8.349651
-517.408219 -83.838465 -3799.502

ELEM 52 ========== LENGTH =
4.994775

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.756311 80.877234 5.157868
312.221815 50.597475 1240.603
0.25000 2.747979 81.158499 5.157868
312.981897 47.340011 1161.468
0.50000 2.745448 81.449537 5.157868
313.781417 45.014723 1085.683
0.75000 2.745448 81.746836 5.157868
314.635299 43.618163 1015.310
1.00000 2.745448 82.069635 5.157868
315.645765 43.063411 950.311728

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.920917 -38.050220 -1.543887
-52.011017 -7.025030 -813.108391
0.25000 -3.929514 -37.731658 -1.543887
-51.005848 -8.917490 -843.858438
0.50000 -3.938163 -37.443877 -1.543887
-50.140782 -10.837209 -874.609051
0.75000 -3.946744 -37.166655 -1.543887
-49.309160 -12.782432 -905.399785
1.00000 -3.955845 -36.902870 -1.543887
-48.516643 -14.755703 -936.312221

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.970958 206.019573 6.758567
543.633202 68.747719 2851.506
0.25000 3.970649 206.029993 6.758567
543.661393 65.860256 2650.540
0.50000 3.970553 206.040775 6.758567
543.691045 64.112128 2478.225
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REL DIST P V2 V3
T M2 M3
0.75000 3.970553 206.051790 6.758567
543.722750 63.621248 2345.577
1.00000 3.970553 206.063750 6.758567
543.760228 64.119308 2250.749

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.658702 -79.847805 -2.703420
-203.846672 -13.648708 -1561.726
0.25000 -7.659021 -79.836001 -2.703420
-203.809392 -16.175463 -1630.731
0.50000 -7.659341 -79.825339 -2.703420
-203.777310 -18.719522 -1699.738
0.75000 -7.659659 -79.815069 -2.703420
-203.746467 -21.296890 -1768.763
1.00000 -7.659996 -79.805296 -2.703420
-203.717073 -23.883264 -1837.901

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.258889 382.270603 6.918510
542.472996 72.298035 4661.215
0.25000 5.258889 398.345850 6.918510
542.472996 71.214182 4428.319
0.50000 5.258889 414.988032 6.918510
543.812746 71.156923 4200.501
0.75000 5.258889 431.984771 6.918510
565.874922 72.225040 3988.038
1.00000 5.258889 449.834138 6.918510
596.823358 74.184879 3789.659

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.387611 -227.654845 -5.930213
-499.280583 -49.003832 -2140.240

```
 0.25000    -14.889771  -210.061472    -5.930213
-456.678058  -49.845957   -2250.613
 0.50000    -15.394380  -193.660293    -5.930213
-419.063363  -50.955645   -2361.056
 0.75000    -15.893955  -177.901513    -5.930213
-385.704448  -52.574600   -2471.590
 1.00000    -16.402659  -162.959345    -5.930213
-354.360153  -54.844074   -2582.257

 COMB DB-G2-1 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.877946   250.169000     1.670305
56.055220   12.356606    2652.526
 0.25000     2.877946   268.885807     1.670305
56.055220   14.247263    2586.987
 0.50000     2.877946   288.276826     1.670305
56.055220   16.262061    2496.458
 0.75000     2.877946   308.075551     1.670305
56.055220   18.323472    2380.421
 1.00000     2.877946   327.805983     1.670305
56.055220   20.410821    2239.341

 COMB DB-G2-1 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -10.160203  -191.078492    -5.429888
-356.514660  -59.338217  -890.158007
 0.25000   -10.763835  -171.670326    -5.429888
-356.514660  -55.592457  -952.314374
 0.50000   -11.369292  -152.655169    -5.429888
-356.514660  -52.899819  -1014.614
 0.75000   -11.966963  -134.456894    -5.429888
-356.514660  -51.185113  -1077.018
 1.00000   -12.539243  -117.293943    -5.429888
-356.514660  -50.425503  -1139.422

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.044506   414.672623     2.527049
222.536764   23.870926    4557.716
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 REL DIST            P            V2           V3
    T           M2           M3
 0.25000     4.044506   439.376883     2.527049
222.536764   27.142926    4384.828
 0.50000     4.044506   464.965540     2.527049
222.536764   30.418493    4199.473
 0.75000     4.044506   491.093045     2.527049
222.536764   33.699875    4010.721
 1.00000     4.044506   517.649485     2.527049
222.536764   36.986803    3816.047

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -15.576983  -279.408123    -7.180691
-540.671671  -75.676331   -1652.550
 0.25000   -16.364551  -253.265543    -7.180691
-530.958178  -71.944431   -1758.587
 0.50000   -17.155067  -228.128701    -7.180691
-530.958178  -69.405414   -1864.781
 0.75000   -17.936187  -204.035066    -7.180691
-530.958178  -67.972426   -1971.110
 1.00000   -18.701384  -181.268349    -7.180691
-530.958178  -67.554322   -2077.455

 COMB DB-G2-3 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     5.391311   451.732446     5.453203
442.927772   53.583751    5268.330
 0.25000     5.391311   473.658665     5.453203
442.927772   55.068946    5031.845
 0.50000     5.391311   496.370062     5.453203
442.927772   57.340668    4793.124
 0.75000     5.391311   519.559682     5.453203
442.927772   60.211716    4563.379
 1.00000     5.391311   543.108014     5.453203
442.927772   63.592423    4339.801

 COMB DB-G2-3 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -16.745436  -280.891703    -7.791632
-528.470596  -71.886855   -2175.322
 0.25000   -17.444828  -257.711179    -7.791632
-524.037675  -69.396570   -2299.987
 0.50000   -18.146815  -235.402666    -7.791632
-524.037675  -68.163808   -2424.792
 0.75000   -18.840424  -214.021531    -7.791632
-524.037675  -68.072728   -2549.718
 1.00000   -19.519156  -193.819778    -7.791632
-524.037675  -69.043249   -2674.688

 COMB DL-G1-1 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.437605   118.922770     6.548504
366.982995   52.789550    1443.044
 0.25000     3.431855   119.200137     6.548504
367.540773   48.868507    1344.542
 0.50000     3.426574   119.493739     6.548504
368.156560   45.596851    1246.434
 0.75000     3.421842   119.800447     6.548504
368.821494   43.121215    1149.469
 1.00000     3.421109   120.117330     6.548504
369.524537   41.401742    1054.165

 COMB DL-G1-1 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -5.630125   -52.812825    -1.208811
-65.651427  -11.323302    -1449.387
 0.25000    -5.639140   -52.555688    -1.208811
-64.859699  -14.459715    -1430.321
 0.50000    -5.648505   -52.310600    -1.208811
-64.100012  -17.815108    -1412.288
 0.75000    -5.658102   -52.080275    -1.208811
-63.383175  -21.442278    -1393.307
 1.00000    -5.667821   -51.867700    -1.208811
-62.719217  -25.416176    -1374.318
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 COMB DL-G1-2 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     5.336899   280.811552     8.660454
607.448991   73.450001    3127.123
 0.25000     5.336765   280.818016     8.660454
607.462249   70.130468    2903.626
 0.50000     5.336641   280.824859     8.660454
607.476875   67.612699    2688.923
 0.75000     5.336530   280.832010     8.660454
607.492660   66.001732    2497.712
 1.00000     5.336506   280.839399     8.660454
607.509352   65.202369    2322.354

 COMB DL-G1-2 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -10.497918  -118.118307    -2.604377
-234.050249  -19.850490   -2765.446
 0.25000   -10.498128  -118.112305    -2.604377
-234.031548  -24.281616   -2742.458
 0.50000   -10.498345  -118.106585    -2.604377
-234.013606  -29.024099   -2719.513
 0.75000   -10.498569  -118.101210    -2.604377
-233.996674  -34.098593   -2696.540
 1.00000   -10.498795  -118.096249    -2.604377
-233.980988  -39.600483   -2673.571

 COMB DL-G1-3 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.475579   465.143251     8.731562
612.030265   81.846571    4828.139
 0.25000     8.188014   480.529542     8.731562
614.517174   80.996466    4551.574
 0.50000     8.043484   496.743198     8.731562
635.207620   80.978565    4257.595
 0.75000     8.003959   513.612875     8.731562
657.807736   81.956235    3960.774
 1.00000     7.983596   530.967223     8.731562
681.759751   83.871367    3653.896

 COMB DL-G1-3 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -16.466345  -256.749329    -6.745253
-559.215138  -54.242699   -3758.388
 0.25000   -16.985859  -242.965465    -6.745253
-527.610728  -56.578531   -3749.644
 0.50000   -17.522501  -229.798157    -6.745253
-497.170973  -59.457703   -3740.941
 0.75000   -18.069915  -217.407025    -6.745253
-468.502949  -63.016155   -3794.600
 1.00000   -18.621659  -205.948841    -6.745253
-442.170225  -67.309927   -3800.990

 COMB DL-G2-1 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     5.144704   271.165633     1.347928
85.365639   20.657805    2565.047
 0.25000     5.078784   289.640273     1.347928
85.365639   23.833069    2467.705
 0.50000     5.035145   308.975678     1.347928
85.365639   27.244014    2339.627
 0.75000     5.013056   328.974374     1.347928
85.365639   30.929784    2180.847
 1.00000     5.009444   349.415289     1.347928
85.365639   34.970244    1992.084

 COMB DL-G2-1 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -9.574943  -183.379564    -6.916286
-402.112576  -60.712186   -1544.751
 0.25000   -10.232947  -167.677170    -6.916286
-405.152791  -56.412731   -1564.300
 0.50000   -10.907603  -152.626450    -6.916286
-408.193006  -52.781026   -1583.862
 0.75000   -11.591396  -138.430177    -6.916286
-411.233221  -49.951528   -1603.422
 1.00000   -12.274659  -125.261781    -6.916286
-414.273436  -47.879372   -1622.981
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 COMB DL-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     7.390195   465.363837     2.515206
259.982484   36.139318    4462.110
 0.25000     7.290715   489.331505     2.515206
259.982484   40.982356    4248.672
 0.50000     7.221492   514.476286     2.515206
259.982484   46.094762    4002.229
 0.75000     7.181625   540.535764     2.515206
259.982484   51.513206    3737.627
 1.00000     7.168667   567.233637     2.515206
259.982484   57.345260    3446.375

 COMB DL-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -15.369578  -287.236628    -9.205598
-625.212266  -77.281686   -2880.624
 0.25000   -16.207780  -266.482349    -9.205598
-618.591983  -73.436433   -2903.618
 0.50000   -17.069328  -246.613555    -9.205598
-613.123344  -70.345381   -2926.596
 0.75000   -17.944445  -227.888834    -9.205598
-607.655749  -68.137447   -2949.600
 1.00000   -18.822658  -210.538221    -9.205598
-602.187631  -66.764891   -2972.572

 COMB DL-G2-3 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.974017   529.660439     6.333082
499.298023   65.842784    5325.048
 0.25000     8.885846   551.011013     6.333082
499.298023   68.416393    5041.223
 0.50000     8.824620   573.408118     6.333082
499.298023   71.628578    4729.805
 0.75000     8.789503   596.618091     6.333082
499.298023   75.525866    4405.577
 1.00000     8.778707   620.394549     6.333082
499.298023   80.155616    4062.211

 COMB DL-G2-3 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -18.094131  -302.218863    -9.368513
-629.939264  -76.220483   -3799.485
 0.25000   -18.841343  -283.744052    -9.368513
-625.393834  -74.635638   -3808.194
 0.50000   -19.609291  -266.056652    -9.368513
-620.847817  -73.915059   -3816.913
 0.75000   -20.389266  -249.387171    -9.368513
-616.302975  -74.231504   -3825.631
 1.00000   -21.171947  -233.940349    -9.368513
-611.757545  -75.621765   -3834.339

 COMB DB ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     5.391311   451.732446     6.918510
543.633202   72.298035    5268.330
 0.25000     5.391311   473.658665     6.918510
543.661393   71.214182    5031.845
 0.50000     5.391311   496.370062     6.918510
543.812746   71.156923    4793.124
 0.75000     5.391311   519.559682     6.918510
565.874922   72.225040    4563.379
 1.00000     5.391311   543.108014     6.918510
596.823358   74.184879    4339.801

 COMB DB ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -16.745436  -280.891703    -7.791632
-540.671671  -75.676331   -2175.322
 0.25000   -17.444828  -257.711179    -7.791632
-530.958178  -71.944431   -2299.987
 0.50000   -18.146815  -235.402666    -7.791632
-530.958178  -69.405414   -2424.792
 0.75000   -18.840424  -214.021531    -7.791632
-530.958178  -68.072728   -2549.718
 1.00000   -19.519156  -193.819778    -7.791632
-530.958178  -69.043249   -2674.688
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 COMB DL ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.974017   529.660439     8.731562
612.030265   81.846571    5325.048
 0.25000     8.885846   551.011013     8.731562
614.517174   80.996466    5041.223
 0.50000     8.824620   573.408118     8.731562
635.207620   80.978565    4729.805
 0.75000     8.789503   596.618091     8.731562
657.807736   81.956235    4405.577
 1.00000     8.778707   620.394549     8.731562
681.759751   83.871367    4062.211

 COMB DL ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -18.094131  -302.218863    -9.368513
-629.939264  -77.281686   -3799.485
 0.25000   -18.841343  -283.744052    -9.368513
-625.393834  -74.635638   -3808.194
 0.50000   -19.609291  -266.056652    -9.368513
-620.847817  -73.915059   -3816.913
 0.75000   -20.389266  -249.387171    -9.368513
-616.302975  -74.231504   -3825.631
 1.00000   -21.171947  -233.940349    -9.368513
-611.757545  -75.621765   -3834.339

 COMB CAR ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.974017   529.660439     8.731562
612.030265   81.846571    5325.048
 0.25000     8.885846   551.011013     8.731562
614.517174   80.996466    5041.223
 0.50000     8.824620   573.408118     8.731562
635.207620   80.978565    4793.124
 0.75000     8.789503   596.618091     8.731562
657.807736   81.956235    4563.379
 1.00000     8.778707   620.394549     8.731562
681.759751   83.871367    4339.801

 COMB CAR ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -18.094131  -302.218863    -9.368513
-629.939264  -77.281686   -3799.485
 0.25000   -18.841343  -283.744052    -9.368513
-625.393834  -74.635638   -3808.194
 0.50000   -19.609291  -266.056652    -9.368513
-620.847817  -73.915059   -3816.913
 0.75000   -20.389266  -249.387171    -9.368513
-616.302975  -74.231504   -3825.631
 1.00000   -21.171947  -233.940349    -9.368513
-611.757545  -75.621765   -3834.339

 COMB DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.974017   529.660439     8.731562
612.030265   81.846571    5325.048
 0.25000     8.885846   551.011013     8.731562
614.517174   80.996466    5041.223
 0.50000     8.824620   573.408118     8.731562
635.207620   80.978565    4793.124
 0.75000     8.789503   596.618091     8.731562
657.807736   81.956235    4563.379
 1.00000     8.778707   620.394549     8.731562
681.759751   83.871367    4339.801

 COMB DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -18.094131  -302.218863    -9.368513
-629.939264  -77.281686   -3799.485
 0.25000   -18.841343  -283.744052    -9.368513
-625.393834  -74.635638   -3808.194
 0.50000   -19.609291  -266.056652    -9.368513
-620.847817  -73.915059   -3816.913
 0.75000   -20.389266  -249.387171    -9.368513
-616.302975  -74.231504   -3825.631
 1.00000   -21.171947  -233.940349    -9.368513
-611.757545  -75.621765   -3834.339
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 ELEM       53 ================== LENGTH =
4.993881

 COMB DB-G1-1 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.248783    97.923095     5.887866
381.455551   40.070115   951.171471
 0.25000     2.248211    98.202687     5.887866
382.250923   35.018999   846.766115
 0.50000     2.248211    98.488462     5.887866
383.069674   30.727628   745.954655
 0.75000     2.248211    98.777319     5.887866
383.900742   27.260634   651.033918
 1.00000     2.248211    99.090047     5.887866
384.889863   24.525628   562.770495

 COMB DB-G1-1 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -3.823200   -37.074638    -0.172492
-60.136110  -14.088308   -936.409143
 0.25000    -3.831446   -36.764239    -0.172492
-59.121233  -16.551507   -951.893144
 0.50000    -3.839426   -36.483584    -0.172492
-58.244181  -19.085851   -967.377145
 0.75000    -3.847022   -36.214933    -0.172492
-57.406740  -21.634987   -983.134940
 1.00000    -3.854961   -35.960698    -0.172492
-56.612910  -24.230037   -998.921763

 COMB DB-G1-2 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.232872   245.648783     7.571594
629.289477   60.549069    2251.856
 0.25000     3.232849   245.659141     7.571594
629.318975   55.767703    1994.162
 0.50000     3.232849   245.669729     7.571594
629.349339   51.865595    1764.141
 0.75000     3.232849   245.680430     7.571594
629.380158   49.022194    1575.925
 1.00000     3.232849   245.692017     7.571594
629.416886   47.186195    1429.436

 COMB DB-G1-2 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -7.873799   -68.122046    -1.172230
-221.774144  -23.169850    -1838.083
 0.25000    -7.874104   -68.110545    -1.172230
-221.736507  -26.440725    -1889.168
 0.50000    -7.874400   -68.100147    -1.172230
-221.703984  -29.763585    -1940.253
 0.75000    -7.874681   -68.090194    -1.172230
-221.672930  -33.141635    -1991.500
 1.00000    -7.874975   -68.080775    -1.172230
-221.643492  -36.534822    -2042.940

 COMB DB-G1-3 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.487617   448.511064     7.282606
617.313493   70.613608    3790.362
 0.25000     4.487617   464.462176     7.282606
617.313493   68.035004    3466.187
 0.50000     4.487617   480.821498     7.282606
617.313493   66.254487    3147.814
 0.75000     4.487617   497.396741     7.282606
630.809417   65.499362    2848.141
 1.00000     4.487617   514.752377     7.282606
651.939261   65.673582    2567.432

 COMB DB-G1-3 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -15.615644  -188.395313    -5.050374
-542.856860  -49.471308   -2582.383
 0.25000    -16.078242  -171.237966    -5.050374
-498.699778  -49.708307   -2686.827
 0.50000    -16.525920  -155.233387    -5.050374
-464.303501  -50.071108   -2791.271
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 REL DIST            P            V2           V3
    T           M2           M3
 0.75000    -16.950850  -139.905186    -5.050374
-435.151119  -50.817796   -2895.867
 1.00000    -17.371982  -125.400424    -5.050374
-413.345101  -52.178856   -3000.628

 COMB DB-G2-1 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.694923   290.335483     0.276816
73.345082   19.350622    2238.546
 0.25000     2.694923   308.857832     0.276816
73.345082   22.108175    2120.582
 0.50000     2.694923   327.950886     0.276816
73.345082   24.875440    1979.380
 0.75000     2.694923   347.364925     0.276816
73.345082   27.650059    1814.162
 1.00000     2.694923   366.662744     0.276816
73.345082   30.430551    1624.889

 COMB DB-G2-1 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -11.571523  -152.602629    -6.129950
-432.101357  -46.802937   -1139.300
 0.25000   -12.094723  -133.648900    -6.129950
-432.101357  -41.440490   -1218.253
 0.50000   -12.601059  -115.078000    -6.129950
-432.101357  -36.865703   -1297.209
 0.75000   -13.080100   -97.275937    -6.129950
-432.101357  -33.122617   -1376.165
 1.00000   -13.512948   -80.426054    -6.129950
-432.101357  -30.205190   -1455.304

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.796582   481.497536     0.907374
234.623388   36.264193    3815.283
 0.25000     3.796582   505.969336     0.907374
234.623388   40.385587    3552.939
 0.50000     3.796582   531.149536     0.907374
234.623388   44.535307    3281.635
 0.75000     3.796582   556.718698     0.907374
234.623388   48.697616    3009.821
 1.00000     3.796582   582.634747     0.907374
234.623388   52.892612    2735.429

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -17.656900  -220.762986    -8.151142
-618.297537  -61.887157   -2077.380
 0.25000   -18.355069  -195.245476    -8.151142
```

-617.306937 -56.395639 -2203.280
0.50000 -19.030787 -170.704127 -8.151142
-617.306937 -51.489957 -2329.179
0.75000 -19.670728 -147.184027 -8.151142
-617.306937 -47.484884 -2455.079
1.00000 -20.269907 -124.923961 -8.151142
-617.306937 -44.502602 -2581.111

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.681612	528.490385	4.344684
495.959322	60.344554	4339.655	
0.25000	4.681612	550.209259	4.344684
495.959322	61.691620	3997.174	
0.50000	4.681612	572.558773	4.344684
495.959322	63.512642	3655.246	
0.75000	4.681612	595.255028	4.344684
495.959322	66.044742	3325.600	
1.00000	4.681612	618.237900	4.344684
495.959322	69.023879	3007.297	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.586187	-226.886065	-7.816839
-623.979581	-63.493925	-2674.713	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-19.205534	-204.259252	-7.816839
-623.979581	-59.523770	-2807.990	
0.50000	-19.804964	-182.478881	-7.816839
-623.979581	-56.358275	-2941.339	
0.75000	-20.372791	-161.604643	-7.816839
-623.979581	-54.194944	-3074.688	
1.00000	-20.903338	-141.848609	-7.816839
-623.979581	-53.218625	-3208.220	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.828956	134.370861	8.039036
480.627203	38.406472	1055.343	
0.25000	2.824024	134.663960	8.039036
481.193861	32.966157	922.149764	
0.50000	2.820418	134.970556	8.039036
481.803728	28.232599	789.421697	
0.75000	2.819945	135.287566	8.039036
482.447812	24.379516	668.854032	
1.00000	2.819778	135.612605	8.039036
483.117043	21.389366	587.112413	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.417493	-52.221588	-0.213456
-116.253319	-24.312254	-1374.618	
0.25000	-5.426810	-51.982534	-0.213456
-115.431793	-28.914351	-1335.509	
0.50000	-5.436257	-51.757748	-0.213456
-114.659625	-33.864228	-1296.558	
0.75000	-5.445712	-51.549419	-0.213456
-113.944200	-39.264934	-1271.672	
1.00000	-5.455068	-51.359694	-0.213456
-113.291809	-45.163339	-1293.007	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.373925	328.200055	10.360278
747.147137	61.016703	2323.824	
0.25000	4.373809	328.206884	10.360278
747.160615	56.043341	2018.607	
0.50000	4.373718	328.214027	10.360278
747.175107	51.898994	1721.468	
0.75000	4.373706	328.221414	10.360278
747.190403	48.751360	1485.173	
1.00000	4.373702	328.228990	10.360278
747.206294	46.549936	1338.716	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.884450	-106.511569	-1.408865
-295.285335	-37.857769	-2674.034	
0.25000	-10.884667	-106.505985	-1.408865
-295.265947	-44.112788	-2627.356	
0.50000	-10.884887	-106.500736	-1.408865
-295.247729	-50.847704	-2580.876	
0.75000	-10.885107	-106.495872	-1.408865
-295.230853	-58.100587	-2582.733	
1.00000	-10.885325	-106.491444	-1.408865
-295.215463	-65.947271	-2680.751	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.988883	555.242612	9.851371
759.508824	79.671849	3654.611	
0.25000	6.943910	571.580943	9.851371
759.597487	78.171103	3243.140	
0.50000	6.917020	588.633912	9.851371
772.055393	77.640633	2816.030	
0.75000	6.906633	606.240036	9.851371
793.672154	78.272191	2476.516	
1.00000	6.906414	624.261401	9.851371
816.318890	80.069392	2224.813	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.095610	-221.937266	-6.603698
-667.715018	-61.237460	-3801.279	
0.25000	-18.625007	-209.294054	-6.603698
-634.542216	-64.214498	-3800.688	
0.50000	-19.159754	-197.350538	-6.603698
-602.653808	-67.895130	-3802.401	
0.75000	-19.693063	-186.237213	-6.603698
-572.993651	-72.470784	-3905.531	
1.00000	-20.214495	-176.071936	-6.603698
-545.956888	-78.026762	-4210.802	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.722237	336.221506	0.312177
151.247660	33.500248	1990.906	
0.25000	4.703972	355.975159	0.312177
151.247660	38.303045	1812.286	
0.50000	4.701595	376.531554	0.312177
151.247660	43.429851	1610.806	
0.75000	4.701378	397.708504	0.312177
151.247660	48.985303	1453.990	
1.00000	4.701254	419.325380	0.312177
151.247660	55.057718	1301.638	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.357721	-150.580787	-8.405984
-529.871012	-44.498826	-1622.629	
0.25000	-12.015451	-136.494977	-8.405984
-532.910698	-38.665652	-1663.296	
0.50000	-12.674440	-123.081363	-8.405984
-535.950384	-33.553559	-1715.565	
0.75000	-13.315191	-110.524929	-8.405984
-538.990070	-29.337615	-1870.371	
1.00000	-13.930064	-98.953408	-8.405984
-542.029756	-26.004663	-2067.255	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.710944	569.980107	1.298512
331.292280	55.552205	3445.126	
0.25000	6.671239	595.544110	1.298512
331.292280	62.260708	3095.775	
0.50000	6.656131	622.175812	1.298512
331.292280	69.432955	2720.454	
0.75000	6.656018	649.633246	1.298512
331.292280	77.146783	2442.759	
1.00000	6.656039	677.688188	1.298512
331.292280	85.496123	2210.673	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.161281	-236.083400	-10.974576
-762.707132	-61.044825	-2972.268	
0.25000	-19.004620	-217.315226	-10.974576
-757.239966	-55.454824	-3019.956	
0.50000	-19.853485	-199.495638	-10.974576
-751.772800	-50.687876	-3078.350	
0.75000	-20.689946	-182.848922	-10.974576
-746.305634	-46.948256	-3295.263	
1.00000	-21.492791	-167.549812	-10.974576
-740.838468	-44.225759	-3602.641	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.832283	643.242472	6.028961
632.157836	76.114299	4061.845	
0.25000	7.797479	666.017227	6.028961
632.157836	79.515605	3621.333	
0.50000	7.784518	689.742212	6.028961
632.157836	83.846682	3159.698	
0.75000	7.784473	714.202053	6.028961
632.157836	89.173338	2802.779	
1.00000	7.784490	739.193263	6.028961
632.157836	95.426363	2521.855	

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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.602356	-254.289721	-10.292633
-790.076253	-69.594448	-3834.302	
0.25000	-21.353995	-237.587993	-10.292633
-785.531614	-67.265209	-3853.144	
0.50000	-22.110464	-221.728683	-10.292633
-780.986975	-66.024300	-3881.859	
0.75000	-22.855467	-206.911921	-10.292633
-776.442336	-66.127746	-4069.655	
1.00000	-23.570465	-193.293291	-10.292633
-771.897697	-67.530234	-4380.065	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.681612	528.490385	7.571594
629.289477	70.613608	4339.655	
0.25000	4.681612	550.209259	7.571594
629.318975	68.035004	3997.174	
0.50000	4.681612	572.558773	7.571594
629.349339	66.254487	3655.246	
0.75000	4.681612	595.255028	7.571594
630.809417	66.044742	3325.600	
1.00000	4.681612	618.237900	7.571594
651.939261	69.023879	3007.297	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.586187	-226.886065	-8.151142
-623.979581	-63.493925	-2674.713	
0.25000	-19.205534	-204.259252	-8.151142
-623.979581	-59.523770	-2807.990	
0.50000	-19.804964	-182.478881	-8.151142
-623.979581	-56.358275	-2941.339	
0.75000	-20.372791	-161.604643	-8.151142
-623.979581	-54.194944	-3074.688	
1.00000	-20.903338	-141.848609	-8.151142
-623.979581	-53.218625	-3208.220	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.832283	643.242472	10.360278
759.508824	79.671849	4061.845	
0.25000	7.797479	666.017227	10.360278
759.597487	79.515605	3621.333	
0.50000	7.784518	689.742212	10.360278
772.055393	83.846682	3159.698	
0.75000	7.784473	714.202053	10.360278
793.672154	89.173338	2802.779	
1.00000	7.784490	739.193263	10.360278
816.318890	95.426363	2521.855	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.602356	-254.289721	-10.974576
-790.076253	-69.594448	-3834.302	
0.25000	-21.353995	-237.587993	-10.974576
-785.531614	-67.265209	-3853.144	
0.50000	-22.110464	-221.728683	-10.974576
-780.986975	-67.895130	-3881.859	
0.75000	-22.855467	-206.911921	-10.974576
-776.442336	-72.470784	-4069.655	
1.00000	-23.570465	-193.293291	-10.974576
-771.897697	-78.026762	-4380.065	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.832283	643.242472	10.360278
759.508824	79.671849	4339.655	
0.25000	7.797479	666.017227	10.360278
759.597487	79.515605	3997.174	
0.50000	7.784518	689.742212	10.360278
772.055393	83.846682	3655.246	
0.75000	7.784473	714.202053	10.360278
793.672154	89.173338	3325.600	
1.00000	7.784490	739.193263	10.360278
816.318890	95.426363	3007.297	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.602356	-254.289721	-10.974576
-790.076253	-69.594448	-3834.302	
0.25000	-21.353995	-237.587993	-10.974576
-785.531614	-67.265209	-3853.144	
0.50000	-22.110464	-221.728683	-10.974576
-780.986975	-67.895130	-3881.859	
0.75000	-22.855467	-206.911921	-10.974576
-776.442336	-72.470784	-4069.655	
1.00000	-23.570465	-193.293291	-10.974576
-771.897697	-78.026762	-4380.065	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.832283	643.242472	10.360278
759.508824	79.671849	4339.655	
0.25000	7.797479	666.017227	10.360278
759.597487	79.515605	3997.174	
0.50000	7.784518	689.742212	10.360278
772.055393	83.846682	3655.246	
0.75000	7.784473	714.202053	10.360278
793.672154	89.173338	3325.600	
1.00000	7.784490	739.193263	10.360278
816.318890	95.426363	3007.297	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.602356	-254.289721	-10.974576
-790.076253	-69.594448	-3834.302	
0.25000	-21.353995	-237.587993	-10.974576
-785.531614	-67.265209	-3853.144	
0.50000	-22.110464	-221.728683	-10.974576
-780.986975	-67.895130	-3881.859	
0.75000	-22.855467	-206.911921	-10.974576
-776.442336	-72.470784	-4069.655	
1.00000	-23.570465	-193.293291	-10.974576
-771.897697	-78.026762	-4380.065	

ELEM 54 ========== LENGTH = 4.994116

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.884902	105.881296	5.959639
415.164388	22.734579	563.965140	
0.25000	1.884902	106.158914	5.959639
415.981919	17.040662	453.841718	
0.50000	1.884902	106.442210	5.959639
416.821550	12.105717	350.730650	
0.75000	1.884902	106.728229	5.959639
417.672097	8.028896	257.598560	
1.00000	1.884902	107.035614	5.959639
418.688683	5.128732	233.429429	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.577664	-35.608878	-0.095665
-140.993355	-22.943226	-999.248102	
0.25000	-3.584917	-35.304367	-0.095665
-139.955360	-25.173400	-991.158583	
0.50000	-3.591588	-35.029263	-0.095665
-139.039515	-27.547752	-983.840053	
0.75000	-3.597559	-34.780664	-0.095665
-138.152460	-29.998547	-976.792283	
1.00000	-3.603583	-34.544456	-0.095665
-137.296506	-32.507448	-970.026885	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.588242	273.205152	7.710080
676.856435	45.727152	1430.954	
0.25000	2.588242	273.215437	7.710080
676.886751	40.739820	1143.791	
0.50000	2.588242	273.225932	7.710080
676.917884	36.628259	890.090587	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	2.588242	273.236528	7.710080
676.949420	33.589567	685.249243	
1.00000	2.588242	273.247917	7.710080
676.987163	31.582759	602.629120	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.935420	-66.939113	-1.260445
-315.777866	-35.091541	-2043.425	
0.25000	-7.935689	-66.927830	-1.260445
-315.739376	-38.155723	-2066.589	
0.50000	-7.935936	-66.917637	-1.260445
-315.705420	-41.340147	-2090.423	
0.75000	-7.936157	-66.908426	-1.260445
-315.672532	-44.627057	-2114.628	
1.00000	-7.936381	-66.899675	-1.260445
-315.640796	-47.985072	-2139.355	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.676623	510.473185	7.458608
701.882632	63.555398	2568.394	
0.25000	3.676623	526.453703	7.458608
701.882632	60.617227	2170.695	
0.50000	3.676623	542.786457	7.458608
701.882632	58.557617	1783.345	
0.75000	3.676623	559.291788	7.458608
701.882632	57.507943	1420.200	
1.00000	3.676623	576.466424	7.458608
709.762936	57.418978	1146.580	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.750890	-152.116291	-5.284934
-611.533557	-47.101093	-3000.882	
0.25000	-17.131345	-135.205928	-5.284934
-578.125066	-46.492425	-3095.604	
0.50000	-17.477700	-119.863128	-5.284934
-547.468768	-45.994304	-3190.982	
0.75000	-17.781713	-105.786314	-5.284934
-522.341538	-48.081391	-3286.668	
1.00000	-18.062702	-92.680197	-5.284934
-522.341538	-51.710442	-3383.011	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.293688	341.719766	0.148540
164.729507	28.467030	1623.872	
0.25000	2.293688	360.525281	0.148540
164.729507	31.090321	1440.565	
0.50000	2.293688	379.789007	0.148540
164.729507	33.749454	1232.264	
0.75000	2.293688	399.280169	0.148540
164.729507	36.461777	998.215216	
1.00000	2.293688	418.588929	0.148540
164.729507	39.194809	739.174738	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.990214	-100.852997	-6.140933
-468.184681	-27.827582	-1454.908	
0.25000	-13.373785	-82.026857	-6.140933
-468.184681	-22.007746	-1559.497	
0.50000	-13.716021	-64.831235	-6.140933
-468.184681	-16.894004	-1664.089	
0.75000	-14.004930	-48.671940	-6.140933
-468.184681	-12.679554	-1769.107	
1.00000	-14.220924	-39.568799	-6.140933
-468.184681	-9.377277	-1874.351	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.295955	560.584146	0.999263
346.335297	51.810896	2734.417	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.295955	585.309348	0.999263
346.335297	56.079857	2372.061	
0.50000	3.295955	610.617380	0.999263
346.335297	60.467104	1999.871	
0.75000	3.295955	636.209902	0.999263
346.335297	64.935230	1626.209	
1.00000	3.295955	662.036888	0.999263
346.335297	69.412573	1249.067	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.783237	-157.605719	-8.507116
-658.114131	-40.347547	-2580.752	
0.25000	-20.318399	-132.333713	-8.507116
-658.114131	-33.911373	-2736.763	
0.50000	-20.799589	-109.315863	-8.507116
-658.114131	-28.065019	-2892.774	
0.75000	-21.212334	-87.874406	-8.507116
-658.114131	-23.154413	-3049.026	
1.00000	-21.551261	-72.882731	-8.507116
-658.114131	-19.575178	-3205.792	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.704936	610.143994	4.418295
617.671866	66.287391	3007.203	
0.25000	3.704936	632.092874	4.418295
617.671866	67.577351	2566.866	
0.50000	3.704936	654.559973	4.418295
617.671866	69.421627	2125.901	
0.75000	3.704936	677.280235	4.418295
617.671866	72.018321	1699.979	
1.00000	3.704936	700.188466	4.418295
617.671866	75.088867	1333.685	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.391671	-170.027675	-8.058722
-712.360387	-48.678447	-3208.140	
0.25000	-20.865279	-147.615478	-8.058722
-712.360387	-44.090231	-3354.320	
0.50000	-21.291136	-127.199657	-8.058722
-712.360387	-40.190996	-3500.500	
0.75000	-21.656183	-108.174113	-8.058722
-712.360387	-37.352677	-3647.198	
1.00000	-21.954642	-94.994368	-8.058722
-712.360387	-36.006468	-3794.586	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.466063	137.089423	8.125991
536.085169	19.643932	588.545849	
0.25000	2.462493	137.398622	8.125991
536.652288	14.610181	500.198273	
0.50000	2.462076	137.721227	8.125991
537.269242	10.406896	430.283125	
0.75000	2.461914	138.054565	8.125991
537.926872	7.282041	381.905832	
1.00000	2.461909	138.396547	8.125991
538.618615	5.179809	366.695012	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.927902	-60.931136	-0.118313

-222.187185 -42.899568 -1293.321
0.25000 -4.937071 -60.716475 -0.118313
-221.384847 -48.100220 -1303.196
0.50000 -4.946188 -60.515437 -0.118313
-220.625032 -53.897059 -1334.809
0.75000 -4.955118 -60.329919 -0.118313
-219.914676 -60.336275 -1389.336
1.00000 -4.963687 -60.161756 -0.118313
-219.260387 -67.425111 -1466.980
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.684529 360.800307 10.554292
822.172569 44.238252 1340.551
0.25000 3.684439 360.807505 10.554292
822.186042 40.058482 1121.890
0.50000 3.684427 360.815017 10.554292
822.200664 36.907705 953.174669
0.75000 3.684423 360.822780 10.554292
822.216274 34.925203 854.564498
1.00000 3.684423 360.830744 10.554292
822.232664 34.011699 830.979687

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.969942 -107.176645 -1.466747
-417.888986 -63.138552 -2681.219
0.25000 -10.970155 -107.171628 -1.466747
-417.870067 -70.333072 -2790.610
0.50000 -10.970368 -107.166930 -1.466747
-417.852153 -78.199285 -2950.792
0.75000 -10.970576 -107.162594 -1.466747
-417.835407 -86.805851 -3163.156
1.00000 -10.970776 -107.158665 -1.466747
-417.819980 -96.081587 -3426.638

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.937091 646.953871 10.081303
884.953904 77.066169 2226.054
0.25000 5.919156 664.464617 10.081303
885.248761 76.762978 1936.784
0.50000 5.914331 682.669336 10.081303
889.022427 77.881471 1693.398
0.75000 5.914331 701.432047 10.081303
912.162263 80.531556 1516.085
1.00000 5.914331 720.633228 10.081303
936.726913 84.385315 1410.176

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.715756 -196.491037 -6.805954
-788.121074 -72.245860 -4211.300
0.25000 -20.229157 -185.304074 -6.805954
-754.698439 -76.240250 -4498.047
0.50000 -20.736040 -174.808751 -6.805954
-722.709485 -81.390567 -4857.197
0.75000 -21.223204 -165.114496 -6.805954
-692.769451 -88.670286 -5290.560
1.00000 -21.681315 -156.319025 -6.805954
-668.667596 -97.160813 -5798.648

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.093258 425.339760 0.221071
274.018819 52.251733 1300.822
0.25000 4.093049 446.992823 0.221071
274.018819 57.681011 1175.257
0.50000 4.093049 469.399244 0.221071
274.018819 63.616293 1052.402
0.75000 4.093264 492.403167 0.221071
274.018819 70.161167 933.318466
1.00000 4.093264 515.862621 0.221071
274.018819 77.336329 820.550676

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.509561 -114.073243 -8.440238
-595.433594 -24.037499 -2067.655
0.25000 -14.117886 -101.917289 -8.440238
-598.473407 -18.632925 -2341.862
0.50000 -14.702446 -90.476086 -8.440238
-601.513221 -14.114257 -2656.434
0.75000 -15.257007 -79.891355 -8.440238
-604.553034 -10.650980 -3012.116
1.00000 -15.775980 -70.271045 -8.440238
-607.592847 -8.203831 -3410.618
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.866519 705.314404 1.335684
474.342721 82.585076 2209.866
0.25000 5.865916 733.121612 1.335684
474.342721 90.382978 1958.752
0.50000 5.865697 761.943153 1.335684
474.342721 98.855865 1733.339
0.75000 5.865724 791.574061 1.335684
474.342721 108.095021 1551.334
1.00000 5.865724 821.825670 1.335684
474.342721 118.121133 1406.812

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.476986 -184.002710 -11.230124
-825.594982 -40.564401 -3603.189
0.25000 -22.279055 -167.655697 -11.230124
-820.127587 -35.582878 -4025.830
0.50000 -23.050985 -152.288861 -11.230124
-814.662101 -31.617359 -4519.722
0.75000 -23.784155 -138.080161 -11.230124
-809.192798 -28.828116 -5086.250
1.00000 -24.471477 -125.175912 -11.230124
-803.725403 -27.280621 -5726.469

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.587874 774.336716 6.093482
799.792564 91.244016 2522.076
0.25000 6.587484 799.117404 6.093482
799.792564 95.937586 2206.460
0.50000 6.587484 824.800388 6.093482
799.792564 101.691368 1933.873
0.75000 6.587508 851.203301 6.093482
799.792564 108.614899 1724.164
1.00000 6.587519 878.157987 6.093482
799.792564 116.649388 1579.448

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.381042 -208.927804 -10.464192
-914.818560 -62.825961 -4380.764
0.25000 -24.095214 -194.385716 -10.464192
-910.273730 -61.540716 -4796.583
0.50000 -24.782386 -180.714947 -10.464192
-905.728901 -61.464899 -5297.874
0.75000 -25.435024 -168.074228 -10.464192
-901.184071 -62.865210 -5886.944
1.00000 -26.046810 -156.593756 -10.464192
-896.639242 -65.765359 -6564.232

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.704936 610.143994 7.710080
701.882632 66.287391 3007.203
0.25000 3.704936 632.092874 7.710080
701.882632 67.577351 2566.866
0.50000 3.704936 654.559973 7.710080
701.882632 69.421627 2125.901
0.75000 3.704936 677.280235 7.710080
701.882632 72.018321 1699.979
1.00000 3.704936 700.188466 7.710080
709.762936 75.088867 1333.685

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -20.391671 -170.027675 -8.507116
-712.360387 -48.678447 -3208.140
0.25000 -20.865279 -147.615478 -8.507116
-712.360387 -46.492425 -3354.320
0.50000 -21.291136 -127.199657 -8.507116
-712.360387 -45.994304 -3500.500
0.75000 -21.656183 -108.174113 -8.507116
-712.360387 -48.081391 -3647.198
1.00000 -21.954642 -94.994368 -8.507116
-712.360387 -51.710442 -3794.586
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.587874 774.336716 10.554292
884.953904 91.244016 2522.076
0.25000 6.587484 799.117404 10.554292
885.248761 95.937586 2206.460
0.50000 6.587484 824.800388 10.554292
889.022427 101.691368 1933.873
0.75000 6.587508 851.203301 10.554292
912.162263 108.614899 1724.164
1.00000 6.587519 878.157987 10.554292
936.726913 118.121133 1579.448

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.381042 -208.927804 -11.230124
-914.818560 -72.245860 -4380.764
0.25000 -24.095214 -194.385716 -11.230124
-910.273730 -76.240250 -4796.583
0.50000 -24.782386 -180.714947 -11.230124
-905.728901 -81.390567 -5297.874
0.75000 -25.435024 -168.074228 -11.230124
-901.184071 -88.670286 -5886.944
1.00000 -26.046810 -156.593756 -11.230124
-896.639242 -97.160813 -6564.232

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.587874 774.336716 10.554292
884.953904 91.244016 3007.203
0.25000 6.587484 799.117404 10.554292
885.248761 95.937586 2566.866
0.50000 6.587484 824.800388 10.554292
889.022427 101.691368 2125.901
0.75000 6.587508 851.203301 10.554292
912.162263 108.614899 1724.164
1.00000 6.587519 878.157987 10.554292
936.726913 118.121133 1579.448

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.381042 -208.927804 -11.230124
-914.818560 -72.245860 -4380.764
0.25000 -24.095214 -194.385716 -11.230124
-910.273730 -76.240250 -4796.583
0.50000 -24.782386 -180.714947 -11.230124
-905.728901 -81.390567 -5297.874
0.75000 -25.435024 -168.074228 -11.230124
-901.184071 -88.670286 -5886.944
1.00000 -26.046810 -156.593756 -11.230124
-896.639242 -97.160813 -6564.232

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.587874 774.336716 10.554292
884.953904 91.244016 3007.203
0.25000 6.587484 799.117404 10.554292
885.248761 95.937586 2566.866
0.50000 6.587484 824.800388 10.554292
889.022427 101.691368 2125.901
0.75000 6.587508 851.203301 10.554292
912.162263 108.614899 1724.164
1.00000 6.587519 878.157987 10.554292
936.726913 118.121133 1579.448

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.381042 -208.927804 -11.230124
-914.818560 -72.245860 -4380.764
0.25000 -24.095214 -194.385716 -11.230124
-910.273730 -76.240250 -4796.583
0.50000 -24.782386 -180.714947 -11.230124
-905.728901 -81.390567 -5297.874
0.75000 -25.435024 -168.074228 -11.230124
-901.184071 -88.670286 -5886.944
1.00000 -26.046810 -156.593756 -11.230124
-896.639242 -97.160813 -6564.232
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FRAME ELEMENT INTERNAL FORCES

ELEM 55 ========== LENGTH = 4.993357

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.985345 97.748508 4.621953
386.071931 4.923800 233.334953
0.25000 1.985345 98.033176 4.621953
386.956270 1.846787 271.073991
0.50000 1.985343 98.321505 4.621953
387.888605 1.839718 309.802023
0.75000 1.985343 98.610350 4.621953
388.876491 1.832858 350.944259
1.00000 1.985343 98.919563 4.621953
389.991502 1.826102 392.086495

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.253364 -43.921276 -1.640368
-237.555841 -30.983133 -970.581384
0.25000 -3.258554 -43.643747 -1.640368
-236.479347 -31.393681 -935.565725
0.50000 -3.262720 -43.464528 -1.640368
-235.565883 -32.066610 -901.510758
0.75000 -3.265705 -43.464528 -1.640368
-234.678216 -33.495781 -868.188246
1.00000 -3.268246 -43.464528 -1.640368
-233.823906 -36.567202 -835.962036

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.465203 279.619481 6.352694
649.556301 29.722069 602.683305
0.25000 2.465203 279.630027 6.352694
649.589090 27.777586 533.677296
0.50000 2.465203 279.640709 6.352694
649.623698 27.087522 614.762790
0.75000 2.465203 279.651410 6.352694
649.660324 27.720117 695.937754
1.00000 2.465203 279.662868 6.352694
649.701667 29.571300 777.112718

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.882393 -70.289705 -3.567604
-430.210850 -46.202614 -2140.129
0.25000 -7.882586 -70.279421 -3.567604
-430.170937 -47.881331 -2130.716
0.50000 -7.882740 -70.272751 -3.567604
-430.137074 -50.028399 -2122.710
0.75000 -7.882851 -70.272751 -3.567604
-430.104166 -53.313064 -2115.580
1.00000 -7.882946 -70.272751 -3.567604
-430.072493 -57.883956 -2109.342

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.313825 565.063645 6.529637
735.789915 54.328768 1146.404
0.25000 3.313825 581.338026 6.529637
735.789915 52.981984 886.803179
0.50000 3.313825 597.818629 6.529637
735.789915 52.997046 873.756068
0.75000 3.313825 614.304825 6.529637
742.974656 54.332684 988.413454
1.00000 3.313825 631.335663 6.529637
776.545399 56.861327 1103.071

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.593473 -111.166388 -6.711078
-655.396748 -50.017272 -3383.374
0.25000 -17.816435 -96.869590 -6.711078
-621.157646 -52.350126 -3467.803
0.50000 -17.977633 -96.869590 -6.711078
-612.145507 -55.125827 -3553.454
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.75000 -18.065958 -96.869590 -6.711078
-612.145507 -58.904216 -3639.916
1.00000 -18.097988 -96.869590 -6.711078
-612.145507 -63.863062 -3727.200

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.798490 411.834641 1.814168
272.432217 36.711136 738.460423
0.25000 1.798490 430.791554 1.814168
272.432217 37.630656 474.880077
0.50000 1.798490 449.982691 1.814168
272.432217 38.767040 395.357726
0.75000 1.798490 469.154923 1.814168
272.432217 40.003669 446.533247
1.00000 1.798490 487.833803 1.814168
272.432217 41.328435 497.708803

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.098550 -40.994933 -4.697392
-435.294490 -8.945617 -1873.675
0.25000 -14.229370 -40.994933 -4.697392
-435.294490 -5.371161 -2010.100
0.50000 -14.282440 -40.994933 -4.697392
-435.294490 -3.079302 -2146.529
0.75000 -14.282440 -40.994933 -4.697392
-435.294490 -2.090054 -2282.961
1.00000 -14.282440 -40.994933 -4.697392
-435.294490 -2.226913 -2419.721

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.702322 660.488033 2.922927
477.550254 65.381393 1248.450
0.25000 2.702322 685.505011 2.922927
477.550254 68.018230 803.894261
0.50000 2.702322 710.835464 2.922927
477.550254 70.910117 715.690892
0.75000 2.702322 736.154816 2.922927
477.550254 73.988970 808.702144
1.00000 2.702322 761.365775 2.922927
477.550254 77.207902 901.713398

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.512232 -79.188387 -7.254317
-621.876813 -17.909970 -3205.129
0.25000 -21.747156 -74.507999 -7.254317
-621.876813 -16.861323 -3398.305
0.50000 -21.882272 -74.507999 -7.254317
-621.876813 -18.334024 -3591.481
0.75000 -21.898253 -74.507999 -7.254317
-621.876813 -19.829276 -3784.657
1.00000 -21.898253 -74.507999 -7.254317
-621.876813 -21.326420 -3977.834

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.099104 699.481194 5.345119
717.371900 70.449202 1333.150
0.25000 3.099104 721.685143 5.345119
717.371900 71.589145 953.895025
0.50000 3.099104 744.167134 5.345119
717.371900 73.605890 912.644910
0.75000 3.099104 766.638684 5.345119
717.371900 76.410793 1031.863
1.00000 3.099104 788.991039 5.345119
717.371900 79.883925 1151.080

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.810179 -99.231881 -8.017890
-741.810476 -33.025990 -3794.382
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.25000 -22.016047 -95.501081 -8.017890
-741.810476 -32.599856 -3957.113
0.50000 -22.133213 -95.501081 -8.017890
-741.810476 -34.851402 -4120.079
0.75000 -22.145957 -95.501081 -8.017890
-741.810476 -37.298792 -4283.732
1.00000 -22.145957 -95.501081 -8.017890
-741.810476 -40.070324 -4447.876

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.808495 127.724898 5.415458
501.520785 4.920576 367.028833
0.25000 2.808094 128.062394 5.415458
502.164152 2.523815 384.240248
0.50000 2.807863 128.412903 5.415458
502.864071 1.945895 415.617033
0.75000 2.807743 128.773512 5.415458
503.610679 1.973943 458.143883
1.00000 2.807662 129.141705 5.415458
504.398047 2.023458 508.234463

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.423846 -88.329910 -1.326484
-349.518707 -63.873169 -1466.777
0.25000 -4.432201 -88.140618 -1.326484
-348.731816 -66.842448 -1510.144
0.50000 -4.440195 -87.965540 -1.326484
-347.987303 -70.539823 -1570.175
0.75000 -4.447641 -87.806627 -1.326484
-347.292733 -74.947605 -1643.551
1.00000 -4.454364 -87.743181 -1.326484
-346.655914 -79.842741 -1725.615

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.710868 379.013962 7.797196
792.355918 33.192405 831.449318
0.25000 3.710858 379.021816 7.797196
792.371155 32.449097 786.322870
0.50000 3.710853 379.029974 7.797196
792.387708 32.748118 817.985034
0.75000 3.710850 379.038369 7.797196
792.405390 34.159411 902.932018
1.00000 3.710848 379.046943 7.797196
792.424020 36.346607 1007.197

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.929503 -133.468697 -3.284347
-565.218506 -91.796254 -3426.351
0.25000 -10.929698 -133.464264 -3.284347
-565.199939 -96.703319 -3670.668
0.50000 -10.929884 -133.460164 -3.284347
-565.182371 -102.274845 -3956.636
0.75000 -10.930058 -133.456441 -3.284347
-565.165980 -108.870410 -4284.842
1.00000 -10.930215 -133.454872 -3.284347
-565.150946 -116.155358 -4636.287

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.515746 744.866395 8.076044
929.447577 82.299524 1410.524
0.25000 5.513251 764.134842 8.076044
932.514254 84.225920 1300.403
0.50000 5.513251 784.048837 8.076044
950.272783 87.233874 1268.455
0.75000 5.513251 804.462513 8.076044
978.534296 91.292886 1300.207
1.00000 5.512648 825.223599 8.076044
1008.413 96.122504 1432.988
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-21.416920	-192.588716	-6.890839
-860.160695	-92.929620	-5798.469	
0.25000	-21.868547	-183.163177	-6.890839
-827.776722	-98.007670	-6349.746	
0.50000	-22.291837	-174.468133	-6.890839
-797.143937	-103.768954	-6969.562	
0.75000	-22.685141	-168.211455	-6.890839
-782.828055	-110.445868	-7662.363	
1.00000	-23.077845	-167.530879	-6.890839
-777.437215	-117.791524	-8429.598	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.332395	546.375164	1.463977
417.617836	72.901702	820.339259	
0.25000	3.332395	570.474994	1.463977
417.617836	75.939689	723.421006	
0.50000	3.332395	595.225190	1.463977
417.617836	79.595781	638.848802	
0.75000	3.332395	620.454560	1.463977
417.617836	83.774529	599.147486	
1.00000	3.332395	645.968571	1.463977
417.345118	88.264894	653.024836	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.899017	-75.321784	-5.630074
-564.891686	-7.845074	-3411.183	
0.25000	-16.399312	-65.902263	-5.630074
-567.931037	-5.132885	-3909.880	
0.50000	-16.899604	-59.642158	-5.630074
-570.970388	-3.450743	-4457.241	
0.75000	-17.399895	-58.719862	-5.630074
-574.009739	-2.805228	-5056.714	
1.00000	-17.900207	-58.460795	-5.630074
-576.776311	-2.941692	-5712.712	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.929032	878.295131	2.994098
640.455889	113.198428	1406.654	
0.25000	4.929032	909.124593	2.994098
640.455889	118.974458	1224.995	
0.50000	4.929032	940.848998	2.994098
640.455889	125.593680	1111.725	
0.75000	4.929032	973.254809	2.994098
640.913284	132.596308	1079.421	
1.00000	4.929001	1006.093	2.994098
643.591283	139.632454	1181.202	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-25.111049	-134.761487	-8.281307
-772.420940	-25.827033	-5727.107	
0.25000	-25.771184	-121.682858	-8.281307
-766.954377	-24.689648	-6502.595	
0.50000	-26.407545	-109.661964	-8.281307
-761.487814	-26.044605	-7354.996	
0.75000	-27.043906	-107.491797	-8.281307
-756.478647	-27.73417	-8294.249	
1.00000	-27.680239	-106.910660	-8.281307
-753.690028	-29.508204	-9315.580	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.489122	929.387594	6.190164
933.675008	111.477628	1579.503	
0.25000	5.489122	956.865786	6.190164
933.675008	115.743196	1419.995	
0.50000	5.489122	985.142735	6.190164
933.675008	121.293641	1344.182	
0.75000	5.489122	1014.018	6.190164
933.964355	127.695807	1359.818	
1.00000	5.489098	1043.280	6.190164
936.128155	134.489008	1497.029	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-26.220549	-173.768291	-8.686431
-948.249557	-62.028287	-6564.648	
0.25000	-26.807729	-162.147449	-8.686431
-943.705419	-62.929124	-7353.153	
0.50000	-27.375042	-151.467281	-8.686431
-939.161281	-66.452455	-8230.458	
0.75000	-27.942356	-149.674292	-8.686431
-934.906491	-70.648071	-9204.322	
1.00000	-28.509648	-149.165431	-8.686431
-932.526095	-75.229016	-10255.550	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.313825	699.481194	6.529637
735.789915	70.449202	1333.150	
0.25000	3.313825	721.685143	6.529637
735.789915	71.589145	953.895025	
0.50000	3.313825	744.167134	6.529637
735.789915	73.605890	912.644910	
0.75000	3.313825	766.638684	6.529637
742.974656	76.410793	1031.863	
1.00000	3.313825	788.991039	6.529637
776.545399	79.883925	1151.080	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-21.810179	-111.166388	-8.017890
-741.810476	-50.017272	-3794.382	
0.25000	-22.016047	-96.869590	-8.017890
-741.810476	-52.350126	-3957.113	
0.50000	-22.133213	-96.869590	-8.017890
-741.810476	-55.125827	-4120.079	
0.75000	-22.145957	-96.869590	-8.017890
-741.810476	-58.904216	-4283.732	
1.00000	-22.145957	-96.869590	-8.017890
-741.810476	-63.863062	-4447.876	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.515746	929.387594	8.076044
933.675008	113.198428	1579.503	
0.25000	5.513251	956.865786	8.076044
933.675008	118.974458	1419.995	
0.50000	5.513251	985.142735	8.076044
950.272783	125.593680	1344.182	
0.75000	5.513251	1014.018	8.076044
978.534296	132.596308	1359.818	
1.00000	5.512648	1043.280	8.076044
1008.413	139.632454	1497.029	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-26.220549	-192.588716	-8.686431
-948.249557	-92.929620	-6564.648	
0.25000	-26.807729	-183.163177	-8.686431
-943.705419	-98.007670	-7353.153	
0.50000	-27.375042	-174.468133	-8.686431
-939.161281	-103.768954	-8230.458	
0.75000	-27.942356	-168.211455	-8.686431
-934.906491	-110.445868	-9204.322	
1.00000	-28.509648	-167.530879	-8.686431
-932.526095	-117.791524	-10255.550	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-26.220549	-192.588716	-8.686431
-948.249557	-92.929620	-6564.648	
0.25000	-26.807729	-183.163177	-8.686431
-943.705419	-98.007670	-7353.153	
0.50000	-27.375042	-174.468133	-8.686431
-939.161281	-103.768954	-8230.458	
0.75000	-27.942356	-168.211455	-8.686431
-934.906491	-110.445868	-9204.322	
1.00000	-28.509648	-167.530879	-8.686431
-932.526095	-117.791524	-10255.550	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.515746	929.387594	8.076044
933.675008	113.198428	1579.503	
0.25000	5.513251	956.865786	8.076044
933.675008	118.974458	1419.995	
0.50000	5.513251	985.142735	8.076044
950.272783	125.593680	1344.182	
0.75000	5.513251	1014.018	8.076044
978.534296	132.596308	1359.818	
1.00000	5.512648	1043.280	8.076044
1008.413	139.632454	1497.029	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-26.220549	-192.588716	-8.686431
-948.249557	-92.929620	-6564.648	
0.25000	-26.807729	-183.163177	-8.686431
-943.705419	-98.007670	-7353.153	
0.50000	-27.375042	-174.468133	-8.686431
-939.161281	-103.768954	-8230.458	
0.75000	-27.942356	-168.211455	-8.686431
-934.906491	-110.445868	-9204.322	
1.00000	-28.509648	-167.530879	-8.686431
-932.526095	-117.791524	-10255.550	

ELEM 56 ========== LENGTH = 4.994622

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.666189	50.426657	1.921005
226.941375	1.699465	392.423475	
0.25000	4.656137	50.550843	1.921005
227.774932	1.571572	387.879947	
0.50000	4.647083	50.713120	1.921005
228.653863	2.439689	383.336419	
0.75000	4.638650	50.935642	1.921005
229.571552	6.369999	378.843309	
1.00000	4.630905	51.194071	1.921005
230.662299	11.296341	376.272344	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.362997	-111.811443	-4.996595
-395.118217	-31.265827	-830.614249	
0.25000	-3.368196	-111.524456	-4.996595
-393.985192	-31.537230	-709.999632	
0.50000	-3.373634	-111.258009	-4.996595
-392.977148	-31.950276	-696.446863	
0.75000	-3.382597	-110.990630	-4.996595
-392.028837	-32.586737	-740.580047	
1.00000	-3.392026	-110.725595	-4.996595
-391.104778	-33.430994	-786.604372	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.621617	63.038280	2.968564
419.776763	25.581610	777.478102	
0.25000	9.621245	63.042895	2.968564
419.807666	26.658013	764.953068	
0.50000	9.620910	63.048919	2.968564
419.840250	29.360985	752.436746	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	9.620597	63.057164	2.968564
419.874271	33.612437	740.000722	
1.00000	9.620310	63.066741	2.968564
419.914713	38.770564	727.677194	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.217267	-303.729963	-6.407090
-653.429686	-51.336552	-2103.326	
0.25000	-4.217460	-303.719329	-6.407090
-653.387675	-50.878327	-1799.704	
0.50000	-4.217662	-303.709457	-6.407090
-653.350302	-50.615893	-1678.631	
0.75000	-4.217994	-303.699551	-6.407090
-653.315101	-50.583958	-1711.582	
1.00000	-4.218343	-303.689731	-6.407090
-653.280838	-50.868757	-1746.168	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	17.745933	66.373927	6.271682
610.568736	50.671382	1103.230	
0.25000	17.134907	68.242528	6.271682
610.568736	49.826403	1079.890	
0.50000	16.572192	75.514480	6.271682
610.568736	52.718103	1056.555	
0.75000	16.047177	85.485222	6.271682
613.725232	57.077880	1033.293	
1.00000	15.563145	99.347739	6.271682
648.754529	62.376999	1121.086	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.180346	-657.021266	-6.828167
-778.741895	-57.844850	-3726.461	
0.25000	-4.309363	-641.463446	-6.828167
-745.697402	-56.950670	-3190.490	
0.50000	-4.609937	-626.422144	-6.828167
-733.553171	-56.226701	-2876.127	
0.75000	-4.991419	-611.332153	-6.828167
-733.553171	-55.711286	-2829.909	
1.00000	-5.560094	-596.401908	-6.828167
-733.553171	-55.475304	-2785.296	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.853379	13.175845	5.321169
442.104679	37.040731	497.454811	
0.25000	11.078108	13.175845	5.321169
442.104679	34.621810	481.413439	
0.50000	10.343779	13.553199	5.321169
442.104679	32.616478	465.372405	
0.75000	9.657100	21.252621	5.321169
442.104679	32.744152	449.331423	
1.00000	9.021132	32.486350	5.321169
442.104679	33.759410	569.972597	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.571251	-492.653848	-2.208589
-264.694138	-2.635991	-2427.202	
0.25000	-0.571251	-476.025516	-2.208589
-264.694138	-3.637741	-2077.789	
0.50000	-0.740820	-458.844827	-2.208589
-264.694138	-5.998431	-1791.615	
0.75000	-1.094850	-441.609729	-2.208589
-264.694138	-9.656966	-1677.038	
1.00000	-1.630123	-424.599290	-2.208589
-264.694138	-14.332347	-1562.543	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	18.524711	22.107913	7.021421
628.734093	68.584884	901.395482	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	17.532051	22.107913	7.021421
628.734093	64.786619	875.295351	
0.50000	16.601099	27.584660	7.021421
628.734093	62.411234	849.195233	
0.75000	15.731142	38.281109	7.021421
628.734093	62.890665	823.095116	
1.00000	14.926713	56.836918	7.021421
628.734093	63.643981	973.777802	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.957009	-774.191611	-2.978981
-467.611024	-20.993868	-3987.071	
0.25000	-0.956574	-751.521154	-2.978981
-467.611024	-20.126257	-3414.582	
0.50000	-1.340605	-728.685515	-2.978981
-467.611024	-19.258672	-2973.722	
0.75000	-1.798116	-705.773818	-2.978981
-467.611024	-20.283021	-2818.529	
1.00000	-2.619397	-683.139980	-2.978981
-467.611024	-25.779970	-2663.336	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	20.657130	46.837911	7.784949
744.643673	70.903061	1150.959	
0.25000	19.774799	46.837911	7.784949
744.643673	68.297652	1122.401	
0.50000	18.946912	51.489027	7.784949
744.643673	67.714530	1093.884	
0.75000	18.173242	60.960019	7.784949
744.643673	70.390447	1065.392	
1.00000	17.457791	77.271220	7.784949
744.643673	73.723714	1193.959	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.888115	-812.380205	-5.679701
-708.352431	-36.286887	-4452.944	
0.25000	-2.887739	-792.289702	-5.679701
-708.352431	-35.422780	-3812.354	
0.50000	-3.221808	-772.028704	-5.679701
-708.352431	-34.725474	-3372.112	
0.75000	-3.628284	-751.700382	-5.679701
-708.352431	-36.263933	-3254.035	
1.00000	-4.352347	-731.619464	-5.679701
-708.352431	-41.430377	-3136.604	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.365106	65.490970	1.573215
293.491593	1.931691	508.553685	
0.25000	6.354615	65.620707	1.573215
294.119121	1.809366	503.003255	
0.50000	6.344734	65.769065	1.573215
294.814125	2.998417	501.005530	
0.75000	6.335480	65.934285	1.573215
295.566616	5.792768	505.856136	
1.00000	6.326884	66.114267	1.573215
296.371849	9.358083	522.559791	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.256869	-149.926505	-5.229784
-551.694180	-70.552659	-1724.918	
0.25000	-4.262119	-149.567817	-5.229784
-550.907127	-67.476506	-1622.568	
0.50000	-4.267683	-149.214468	-5.229784
-550.151632	-64.955579	-1525.799	
0.75000	-4.273481	-148.869019	-5.229784
-549.436356	-63.203048	-1438.246	
1.00000	-4.279459	-148.534578	-5.229784
-548.771296	-62.076060	-1365.229	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.354906	84.499652	2.962084
506.924343	34.162361	1007.499	
0.25000	13.354662	84.502695	2.962084
506.939177	34.034724	991.910752	
0.50000	13.354433	84.506173	2.962084
506.955574	35.315557	981.485220	
0.75000	13.354218	84.510046	2.962084
506.973333	37.752895	1001.256	
1.00000	13.354018	84.514264	2.962084
506.992332	40.998153	1086.759	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.405754	-417.489111	-6.929451
-839.044631	-104.976509	-4635.551	
0.25000	-5.405876	-417.480759	-6.929451
-839.026009	-100.853425	-4250.506	
0.50000	-5.406006	-417.472533	-6.929451
-839.008130	-97.496983	-3873.935	
0.75000	-5.406141	-417.464489	-6.929451
-838.991200	-94.865904	-3531.122	
1.00000	-5.406281	-417.456705	-6.929451
-838.975447	-92.834733	-3227.132	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	24.453188	90.467205	6.495167
767.074899	90.830183	1432.987	
0.25000	23.837284	96.711439	6.495167
772.341721	87.185825	1414.511	
0.50000	23.256274	103.915731	6.495167
782.694261	85.540986	1447.886	
0.75000	22.711040	111.974223	6.495167
813.721135	84.997783	1537.148	
1.00000	22.203028	120.766105	6.495167
846.852209	85.403139	1694.130	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.458959	-873.388583	-7.295894
-1008.826	-107.635965	-8429.393	
0.25000	-5.743020	-853.202961	-7.295894
-979.001221	-103.408042	-7587.315	
0.50000	-6.043902	-833.247455	-7.295894
-950.441569	-99.893137	-6788.379	
0.75000	-6.357676	-813.673227	-7.295894
-929.483627	-97.032040	-6054.583	
1.00000	-6.681098	-794.648971	-7.295894
-926.379762	-94.860129	-5409.910	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.808791	18.678429	5.783600
640.334905	78.299882	652.807984	
0.25000	16.009517	19.041780	5.783600
637.554215	74.265918	641.182149	
0.50000	15.253851	25.864317	5.783600
634.514077	70.852113	675.345240	
0.75000	14.543068	33.581164	5.783600
631.473940	68.865625	772.621400	
1.00000	13.878151	42.045990	5.783600
628.433803	67.585227	882.190053	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.803651	-663.503482	-1.847963
-348.641887	-3.320807	-5713.777	
0.25000	-0.898796	-638.761334	-1.847963
-348.901272	-3.610537	-5029.301	
0.50000	-1.246235	-614.181885	-1.847963
-348.901272	-5.146216	-4392.768	
0.75000	-1.609021	-589.955579	-1.847963
-348.901272	-7.887840	-3802.964	
1.00000	-1.982632	-566.276736	-1.847963
-348.901272	-11.458625	-3259.104	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	26.005731	34.218034	7.855943
833.185434	127.216649	1180.664	
0.25000	24.995876	38.001715	7.855943
835.917635	120.574796	1160.666	
0.50000	24.041807	47.679402	7.855943
840.888987	114.612164	1209.159	
0.75000	23.144926	58.571905	7.855943
846.356965	110.729552	1345.275	
1.00000	22.307080	70.494413	7.855943

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851.824942  107.876177    1541.808

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.428057    -1038.180    -2.804549
-554.381147  -28.841187    -9316.674
 0.25000    -1.675871    -1006.302    -2.804549
-551.645316  -27.797798    -8246.810
 0.50000    -2.132792   -974.690694    -2.804549
-551.148691  -26.801243    -7242.172
 0.75000    -2.609898   -943.594871    -2.804549
-551.148691  -28.144101    -6315.967
 1.00000    -3.101114   -913.256873    -2.804549
-551.148691  -32.106016    -5464.515

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    28.869772    64.905742    8.339093
974.458739  122.450986    1496.703
 0.25000    27.969249    68.161472    8.339093
976.791711  117.153369    1472.517
 0.50000    27.118451    76.753971    8.339093
981.019210  113.087495    1509.678
 0.75000    26.318626    86.426525    8.339093
985.564524  111.434936    1631.901
 1.00000    25.571330    97.014325    8.339093
990.109838  111.077165    1829.130

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -3.792646    -1092.139    -5.769761
-880.728376  -68.806508   -10256.188
 0.25000    -4.009082    -1063.734    -5.769761
-878.515977  -66.392318    -9147.474
 0.50000    -4.415897    -1035.567    -5.769761
-878.198163  -64.385476    -8099.052
 0.75000    -4.840688    -1007.854    -5.769761
-878.198163  -64.982283    -7128.621
 1.00000    -5.278137   -980.815196    -5.769761
-878.198163  -67.998140    -6243.982

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    20.657130    66.373927    7.784949
744.643673   70.903061    1150.959
 0.25000    19.774799    68.242528    7.784949
744.643673   68.297652    1122.401
 0.50000    18.946912    75.514480    7.784949
744.643673   67.714530    1093.884
 0.75000    18.173242    85.485222    7.784949
744.643673   70.390447    1065.392
 1.00000    17.457791    99.347739    7.784949
744.643673   73.723714    1193.959

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.217267  -812.380205    -6.828167
-778.741895   -57.844850    -4452.944
 0.25000    -4.309363  -792.289702    -6.828167
-745.697402   -56.950670    -3812.354
 0.50000    -4.609937  -772.028704    -6.828167
-733.553171   -56.226701    -3372.112
 0.75000    -4.991419  -751.700382    -6.828167
-733.553171   -55.711286    -3254.035
 1.00000    -5.560094  -731.619464    -6.828167
-733.553171   -55.475304    -3136.604
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 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    28.869772    90.467205    8.339093
974.458739  127.216649    1496.703
 0.25000    27.969249    96.711439    8.339093
976.791711  120.574796    1472.517
 0.50000    27.118451   103.915731    8.339093
981.019210  114.612164    1509.678
 0.75000    26.318626   111.974223    8.339093
985.564524  111.434936    1631.901
 1.00000    25.571330   120.766105    8.339093
990.109838  111.077165    1829.130

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -5.458959    -1092.139    -7.295894
-1008.826  -107.635965   -10256.188
 0.25000    -5.743020    -1063.734    -7.295894
-979.001221  -103.408042    -9147.474
 0.50000    -6.043902    -1035.567    -7.295894
-950.441569   -99.893137    -8099.052
 0.75000    -6.357676    -1007.854    -7.295894
-929.483627   -97.032040    -7128.621
 1.00000    -6.681098   -980.815196    -7.295894
-926.379762   -94.860129    -6243.982

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    28.869772    90.467205    8.339093
974.458739  127.216649    1496.703
 0.25000    27.969249    96.711439    8.339093
976.791711  120.574796    1472.517
 0.50000    27.118451   103.915731    8.339093
981.019210  114.612164    1509.678
 0.75000    26.318626   111.974223    8.339093
985.564524  111.434936    1631.901
 1.00000    25.571330   120.766105    8.339093
990.109838  111.077165    1829.130

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -5.458959    -1092.139    -7.295894
-1008.826  -107.635965   -10256.188
 0.25000    -5.743020    -1063.734    -7.295894
-979.001221  -103.408042    -9147.474
 0.50000    -6.043902    -1035.567    -7.295894
-950.441569   -99.893137    -8099.052
 0.75000    -6.357676    -1007.854    -7.295894
-929.483627   -97.032040    -7128.621
 1.00000    -6.681098   -980.815196    -7.295894
-926.379762   -94.860129    -6243.982

 COMB   DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    28.869772    90.467205    8.339093
974.458739  127.216649    1496.703
 0.25000    27.969249    96.711439    8.339093
976.791711  120.574796    1472.517
 0.50000    27.118451   103.915731    8.339093
981.019210  114.612164    1509.678
 0.75000    26.318626   111.974223    8.339093
985.564524  111.434936    1631.901
 1.00000    25.571330   120.766105    8.339093
990.109838  111.077165    1829.130

 COMB   DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -5.458959    -1092.139    -7.295894
-1008.826  -107.635965   -10256.188
 0.25000    -5.743020    -1063.734    -7.295894
-979.001221  -103.408042    -9147.474
 0.50000    -6.043902    -1035.567    -7.295894
-950.441569   -99.893137    -8099.052
 0.75000    -6.357676    -1007.854    -7.295894
-929.483627   -97.032040    -7128.621
 1.00000    -6.681098   -980.815196    -7.295894
-926.379762   -94.860129    -6243.982
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 ELEM       57 ================== LENGTH =
 4.994038

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.506020    25.456560    0.138157
127.767169   9.692638   376.240672
 0.25000    4.497592    25.670799    0.138157
128.628114   14.398271   372.689971
 0.50000    4.490025    25.900379    0.138157
129.535234   20.036236   368.902648
 0.75000    4.482904    26.156573    0.138157
130.485709   26.470443   374.980980
 1.00000    4.476285    26.443848    0.138157
131.576233   33.537529   493.023327

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -2.430537  -121.354456    -6.624150
-428.578016   -29.938824   -786.022252
 0.25000    -2.438487  -121.064163    -6.624150
-427.530448   -28.105421   -804.049804
 0.50000    -2.446539  -120.797214    -6.624150
-426.637543   -26.341145   -822.695277
 0.75000    -2.454950  -120.532052    -6.624150
-425.755899   -24.667164   -841.759647
 1.00000    -2.463729  -120.271750    -6.624150
-424.920814   -23.090159   -861.428696

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    9.064345    36.753883    0.693184
300.874612   34.940348   727.645511
 0.25000    9.064033    36.761821    0.693184
300.906533   39.664652   761.244020
 0.50000    9.063753    36.770328    0.693184
300.940167   45.592106   830.347742
 0.75000    9.063489    36.779820    0.693184
300.975407   52.463641   972.999112
 1.00000    9.063244    36.790465    0.693184
301.015846   60.037731    1277.733

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -3.308055  -302.698574    -8.127305
-680.370938   -46.552285    -1745.321
 0.25000    -3.308349  -302.687817    -8.127305
-680.332046   -43.997572    -1746.391
 0.50000    -3.308648  -302.677927    -8.127305
-680.298939   -41.519742    -1748.450
 0.75000    -3.308959  -302.668103    -8.127305
-680.266247   -39.143476    -1750.790
 1.00000    -3.309284  -302.658459    -8.127305
-680.235096   -36.898044    -1753.617

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    15.614315    60.125243    5.082264
523.046830   57.317450    1121.398
 0.25000    15.115500    72.049608    5.082264
523.046830   60.485732    1341.897
 0.50000    14.656520    84.820100    5.082264
537.777919   64.798797    1586.402
 0.75000    14.225366    98.909317    5.082264
570.157099   70.077762    1884.317
 1.00000    13.825092   114.561648    5.082264
600.678664   76.025532    2314.157

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.350314  -613.889154    -7.527689
-714.188853   -51.512766    -2784.892
 0.25000    -4.842025  -597.948529    -7.527689
-697.829171   -48.889483    -2729.305
 0.50000    -5.320863  -582.718745    -7.527689
-697.829171   -47.582149    -2674.609
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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000    -5.831321  -567.629007    -7.527689
-697.829171   -50.743271    -2620.161
 1.00000    -6.357931  -552.871174    -7.527689
-697.829171   -54.273183    -2566.207

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    9.346616    28.166754    7.093843
481.898834  30.641206   570.347121
 0.25000    8.735767    41.495041    7.093843
481.898834  28.940432   815.709934
 0.50000    8.155076    55.802892    7.093843
481.898834  27.326225    1051.616
 0.75000    7.610774    71.183665    7.093843
481.898834  25.763258    1272.055
 1.00000    7.106275    88.066713    7.093843
481.898834  24.309929    1477.389

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.491526  -432.265317    -0.207587
-154.545903   -13.500821    -1563.282
 0.25000    -2.129349  -414.814305    -0.207587
-154.545903   -17.863308    -1480.747
 0.50000    -2.749422  -397.134273    -0.207587
-154.545903   -23.365696    -1398.598
 0.75000    -3.365933  -379.678189    -0.207587
-154.545903   -29.856950    -1316.450
 1.00000    -4.022451  -362.704138    -0.207587
-154.545903   -36.999170    -1234.309

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    15.201632    47.159273    8.932805
674.498096   58.681324   974.322714
 0.25000    14.409718    65.021203    8.932805
674.498096   56.094231    1325.999
 0.50000    13.665672    84.178513    8.932805
674.498096   53.608482    1698.397
 0.75000    12.967654   104.972534    8.932805
674.498096   51.173322    2089.778
 1.00000    12.320344   127.910875    8.932805
674.498096   48.877183    2486.561

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -2.474797  -689.422756    -0.489077
-328.605146   -23.541759    -2664.043
 0.25000    -3.285099  -665.848871    -0.489077
-328.605146   -29.278761    -2546.436
 0.50000    -4.073351  -642.489096    -0.489077
-328.605146   -36.303396    -2429.085
 0.75000    -4.876320  -619.392654    -0.489077
-328.605146   -44.358922    -2311.733
 1.00000    -5.722112  -596.887646    -0.489077
-328.605146   -53.145700    -2194.382

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    17.449940    55.281073    8.316385
720.959486   67.289606    1194.425
 0.25000    16.746471    71.122983    8.316385
720.959486   67.394896    1507.075
 0.50000    16.085144    88.114476    8.316385
720.959486   68.258863    1842.986
 0.75000    15.464756   106.549276    8.316385
720.959486   69.630575    2242.200
 1.00000    14.889450   126.880444    8.316385
720.959486   71.506998    2723.598

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -3.700559  -738.310764    -4.450429
-603.253784   -37.186022    -3136.807
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 REL DIST            P            V2           V3
    T          M2           M3
 0.25000    -4.421080  -717.410697    -4.450429
-603.253784   -41.154224    -3035.930
 0.50000    -5.121969  -696.678787    -4.450429
-603.253784   -46.330960    -2935.406
 0.75000    -5.835098  -676.181965    -4.450429
-603.253784   -52.474926    -2835.145
 1.00000    -6.586659  -656.211967    -4.450429
-603.253784   -59.320922    -2735.021

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    6.131106    33.598253    0.176988
163.693564   8.146557   522.194364
 0.25000    6.122323    33.754237    0.176988
164.358654   11.722774   549.399757
 0.50000    6.114003    33.928405    0.176988
165.089990   16.579212   598.701657
 0.75000    6.106171    34.118816    0.176988
165.879997   22.374863   681.017083
 1.00000    6.098877    34.323253    0.176988
166.718722   28.922978   814.703616

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -3.066928  -161.000301    -8.466796
-586.305394   -57.572668    -1365.943
 0.25000    -3.072414  -160.660776    -8.466796
-585.592395   -51.553307    -1255.713
 0.50000    -3.078211  -160.327535    -8.466796
-584.907753   -46.318895    -1171.296
 0.75000    -3.084250  -160.003245    -8.466796
-584.260167   -41.779646    -1118.233
 1.00000    -3.090464  -159.690822    -8.466796
-583.659576   -37.802054    -1098.153

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    12.304175    51.260765    0.935987
354.143053   38.618977    1086.297
 0.25000    12.303971    51.264413    0.935987
354.158738   42.156869    1134.843
 0.50000    12.303777    51.268486    0.935987
354.175976   47.097659    1246.881
 0.75000    12.303595    51.272940    0.935987
354.194612   53.152395    1452.149
 1.00000    12.303425    51.277722    0.935987
354.214396   59.983202    1754.812

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.154081  -400.871999   -10.300446
-864.397844   -87.362712    -3228.027
 0.25000    -4.154208  -400.864091   -10.300446
-864.380940   -80.082561    -2898.936
 0.50000    -4.154343  -400.856329   -10.300446
-864.364704   -73.665269    -2626.313
 0.75000    -4.154484  -400.848777   -10.300446
-864.349339   -67.977046    -2418.886
 1.00000    -4.154629  -400.841502   -10.300446
-864.335074   -62.884284    -2283.364

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    21.102197    77.727513    6.473158
653.813659   81.732289    1693.915
 0.25000    20.600268    85.751867    6.473158
671.264592   79.635791    1837.500
 0.50000    20.124388    94.706142    6.473158
702.031385   80.078235    2047.446
 0.75000    19.676171   104.471888    6.473158
735.195032   82.217380    2350.679
 1.00000    19.258160   114.916027    6.473158
770.002417   85.510032    2753.020
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 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -5.241190  -772.168586    -9.523507
-932.060722   -89.775798    -5410.476
 0.25000    -5.545852  -753.155195    -9.523507
-906.681199   -83.287929    -4821.168
 0.50000    -5.866695  -734.461205    -9.523507
-882.511712   -79.943735    -4314.586
 0.75000    -6.199884  -716.241015    -9.523507
-875.942299   -79.180919    -3898.931
 1.00000    -6.541712  -698.646297    -9.523507
-875.698136   -79.524566    -3582.770

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    13.145058    35.952421    9.077964
671.952066   62.361331   882.576724
 0.25000    12.516281    44.482378    9.077964
668.912300   56.092259    1011.922
 0.50000    11.919652    53.974669    9.077964
665.872535   50.597189    1154.168
 0.75000    11.357401    64.291844    9.077964
662.832769   45.808167    1309.894
 1.00000    10.831907    75.248814    9.077964
659.793004   41.554279    1481.482

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.835281  -535.660029    -0.243176
-203.222535   -10.742781    -3258.154
 0.25000    -2.201706  -512.530755    -0.243176
-203.222535   -14.340434    -2816.499
 0.50000    -2.585374  -489.724787    -0.243176
-203.222535   -19.265187    -2421.769
 0.75000    -2.982394  -467.416518    -0.243176
-203.222535   -25.315801    -2074.918
 1.00000    -3.387778  -445.807864    -0.243176
-203.222535   -32.057588    -1779.409

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    20.949989    61.448835   11.404713
881.672416   101.554439    1542.196
 0.25000    20.146183    73.014304   11.404713
887.139725   92.961192    1720.586
 0.50000    19.383494    85.896981   11.404713
892.607034   85.416688    1947.285
 0.75000    18.665060    99.912999   11.404713
898.074343   78.774910    2232.856
 1.00000    17.993985   114.845367   11.404713
903.541652   72.818655    2569.326

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -2.944801  -857.700182    -0.690636
-377.303775   -30.144188    -5463.471
 0.25000    -3.419963  -827.831184    -0.690636
-377.303775   -34.137028    -4746.346
 0.50000    -3.918367  -798.403098    -0.690636
-377.303775   -39.668618    -4109.880
 0.75000    -4.434819  -769.641963    -0.690636
-377.303775   -46.653976    -3557.016
 1.00000    -4.963015  -741.826631    -0.690636
-377.303775   -54.745883    -3096.280

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    23.932745    72.504895   10.506674
935.395647   103.897801    1829.279
 0.25000    23.216301    82.790227   10.506674
939.940405   98.548408    2010.679
 0.50000    22.536498    94.246559   10.506674
944.485163   94.735583    2258.168
 0.75000    21.896135   106.710097   10.506674
949.029921   92.139293    2601.389
 1.00000    21.297967   119.987175   10.506674
953.574679   90.591671    3030.490
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.466109  -928.457959    -5.605793
-736.930263   -63.325735    -6243.499
 0.25000    -4.889396  -901.847473    -5.605793
-736.930263   -63.731193    -5468.301
 0.50000    -5.333355  -875.625386    -5.605793
-736.930263   -65.867845    -4789.401
 0.75000    -5.793366  -849.998048    -5.605793
-736.930263   -69.611968    -4214.436
 1.00000    -6.263808  -825.212351    -5.605793
-736.930263   -74.569281    -3753.572

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    17.449940    60.125243    8.932805
720.959486   67.289606    1194.425
 0.25000    16.746471    72.049608    8.932805
720.959486   67.394896    1507.075
 0.50000    16.085144    88.114476    8.932805
720.959486   68.258863    1842.986
 0.75000    15.464756   106.549276    8.932805
720.959486   70.077762    2242.200
 1.00000    14.889450   127.910875    8.932805
720.959486   76.025532    2723.598
```

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.350314	-738.310764	-8.127305
-714.188853	-51.512766	-3136.807	
0.25000	-4.842025	-717.410697	-8.127305
-697.829171	-48.889483	-3035.930	
0.50000	-5.320863	-696.678787	-8.127305
-697.829171	-47.582149	-2935.406	
0.75000	-5.835098	-676.181965	-8.127305
-697.829171	-52.474926	-2835.145	
1.00000	-6.586659	-656.211967	-8.127305
-697.829171	-59.320922	-2735.021	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	23.932745	77.727513	11.404713
935.395647	103.897801	1829.279	
0.25000	23.216301	85.751867	11.404713
939.940405	98.548408	2010.679	
0.50000	22.536498	94.706142	11.404713
944.485163	94.735583	2258.168	
0.75000	21.896135	106.710097	11.404713
949.029921	92.139293	2601.389	
1.00000	21.297967	119.987175	11.404713
953.574679	90.591671	3030.490	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.241190	-928.457959	-10.300446
-932.060722	-89.775798	-6243.499	
0.25000	-5.545852	-901.847473	-10.300446
-906.681199	-83.287929	-5468.301	
0.50000	-5.866695	-875.625386	-10.300446
-882.511712	-79.943735	-4789.401	
0.75000	-6.199884	-849.998048	-10.300446
-875.942299	-79.180919	-4214.436	
1.00000	-6.541712	-825.212351	-10.300446
-875.698136	-79.524566	-3753.572	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	23.932745	77.727513	11.404713
935.395647	103.897801	1829.279	
0.25000	23.216301	85.751867	11.404713
939.940405	98.548408	2010.679	
0.50000	22.536498	94.706142	11.404713
944.485163	94.735583	2258.168	
0.75000	21.896135	106.710097	11.404713
949.029921	92.139293	2601.389	
1.00000	21.297967	127.910875	11.404713
953.574679	90.591671	3030.490	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.241190	-928.457959	-10.300446
-932.060722	-89.775798	-6243.499	
0.25000	-5.545852	-901.847473	-10.300446
-906.681199	-83.287929	-5468.301	
0.50000	-5.866695	-875.625386	-10.300446
-882.511712	-79.943735	-4789.401	
0.75000	-6.199884	-849.998048	-10.300446
-875.942299	-79.180919	-4214.436	
1.00000	-6.586659	-825.212351	-10.300446
-875.698136	-79.524566	-3753.572	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	23.932745	77.727513	11.404713
935.395647	103.897801	1829.279	
0.25000	23.216301	85.751867	11.404713
939.940405	98.548408	2010.679	
0.50000	22.536498	94.706142	11.404713
944.485163	94.735583	2258.168	
0.75000	21.896135	106.710097	11.404713
949.029921	92.139293	2601.389	
1.00000	21.297967	127.910875	11.404713
953.574679	90.591671	3030.490	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.241190	-928.457959	-10.300446
-932.060722	-89.775798	-6243.499	
0.25000	-5.545852	-901.847473	-10.300446
-906.681199	-83.287929	-5468.301	
0.50000	-5.866695	-875.625386	-10.300446
-882.511712	-79.943735	-4789.401	
0.75000	-6.199884	-849.998048	-10.300446
-875.942299	-79.180919	-4214.436	
1.00000	-6.586659	-825.212351	-10.300446
-875.698136	-79.524566	-3753.572	

ELEM 58 ========== LENGTH = 4.993413

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.894948	7.392000	0.228826
49.504085	29.901140	491.976628	
0.25000	3.887141	7.628552	0.228826
50.350529	33.633593	591.960800	
0.50000	3.880110	7.879762	0.228826
51.236925	38.228380	702.722388	
0.75000	3.873404	8.142755	0.228826
52.157218	43.724630	822.047941	
1.00000	3.867088	8.437506	0.228826
53.218665	49.985804	947.828687	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.654991	-117.301586	-6.426338
-412.335721	-20.272730	-861.154329	
0.25000	-1.662373	-117.002103	-6.426338
-411.322538	-17.895826	-858.141818	
0.50000	-1.669689	-116.727750	-6.426338
-410.452183	-15.618523	-855.527222	
0.75000	-1.676915	-116.458213	-6.426338
-409.609305	-13.439678	-852.953295	
1.00000	-1.684797	-116.196791	-6.426338
-408.904644	-11.361930	-850.387865	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.810016	24.339605	0.854486
213.031002	56.266129	1276.383	
0.25000	7.809726	24.348369	0.854486
213.062392	59.736721	1448.442	
0.50000	7.809466	24.357676	0.854486
213.095261	64.387856	1671.022	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	7.809218	24.367420	0.854486
213.129387	70.191082	1942.965	
1.00000	7.808984	24.378342	0.854486
213.168751	76.786221	2246.926	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.634974	-282.921704	-7.814477
-652.658817	-33.361411	-1753.194	
0.25000	-2.635247	-282.910606	-7.814477
-652.621196	-30.263935	-1729.396	
0.50000	-2.635518	-282.900442	-7.814477
-652.588921	-27.249692	-1705.924	
0.75000	-2.635786	-282.890456	-7.814477
-652.557664	-24.308797	-1682.453	
1.00000	-2.636078	-282.880771	-7.814477
-652.531348	-21.471813	-1659.014	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.402396	75.686050	5.093382
433.119714	71.598886	2313.329	
0.25000	12.959272	88.952546	5.093382
439.086613	73.213767	2640.646	
0.50000	12.548762	103.098628	5.093382
470.642751	75.948999	2999.628	
0.75000	12.158068	117.950112	5.093382
500.430026	79.753543	3388.522	
1.00000	11.790892	134.046003	5.093382
542.750977	84.407754	3790.958	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.996944	-564.752656	-7.189444
-671.816185	-46.984717	-2565.978	
0.25000	-5.444387	-548.346282	-7.189444
-648.743424	-47.906116	-2503.209	
0.50000	-5.887902	-532.751134	-7.189444
-625.733517	-49.331371	-2440.837	
0.75000	-6.325721	-517.436804	-7.189444
-625.735767	-51.283775	-2378.464	
1.00000	-6.780251	-502.603245	-7.189444
-625.735767	-53.606210	-2316.120	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.707143	67.022640	6.965407
465.666951	21.576818	1478.319	
0.25000	7.196646	82.032065	6.965407
465.666951	19.241751	1697.782	
0.50000	6.703553	98.133298	6.965407
465.666951	16.951504	1899.751	
0.75000	6.235641	115.106995	6.965407
465.666951	14.683421	2083.308	
1.00000	5.797336	132.535839	6.965407
465.666951	12.466992	2248.450	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.381986	-387.433776	-0.248530
-67.183452	-34.172943	-1234.648	
0.25000	-3.947678	-369.576146	-0.248530
-67.183452	-37.863715	-1177.341	
0.50000	-4.508501	-351.563137	-0.248530
-67.183452	-42.649144	-1120.325	
0.75000	-5.061735	-333.891442	-0.248530
-67.183452	-48.438134	-1063.402	
1.00000	-5.597894	-316.808689	-0.248530
-67.183452	-54.910810	-1006.480	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.789043	101.045866	8.741850
661.316557	46.930239	2487.495	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	12.112464	121.069275	8.741850
661.316557	43.518584	2810.738	
0.50000	11.468954	142.501134	8.741850
661.316557	40.169662	3142.726	
0.75000	10.857617	165.057221	8.741850
661.316557	36.897330	3484.476	
1.00000	10.284313	188.701321	8.741850
661.316557	33.694891	3825.258	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.999965	-621.998804	-0.439022
-219.987604	-48.409416	-2194.678	
0.25000	-5.724881	-597.818202	-0.439022
-219.987604	-53.275661	-2106.617	
0.50000	-6.443722	-573.980412	-0.439022
-219.987604	-59.300454	-2018.922	
0.75000	-7.152989	-550.577456	-0.439022
-219.987604	-66.423611	-1931.258	
1.00000	-7.857449	-527.938958	-0.439022
-219.987604	-74.277527	-1843.594	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.722060	97.335686	8.206258
658.735057	66.728331	2723.743	
0.25000	14.121682	115.098422	8.206258
658.735057	65.421972	3095.214	
0.50000	13.550225	134.112609	8.206258
658.735057	64.849998	3492.825	
0.75000	13.007370	154.125759	8.206258
658.735057	64.950289	3915.805	
1.00000	12.498314	175.083931	8.206258
658.735057	65.571603	4346.864	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.516660	-670.253867	-4.309294
-495.247666	-53.868370	-2735.071	
0.25000	-6.160978	-648.818093	-4.309294
-495.247666	-57.022214	-2647.706	
0.50000	-6.799891	-627.663983	-4.309294
-495.247666	-61.411289	-2560.665	
0.75000	-7.430286	-606.896043	-4.309294
-495.247666	-66.968588	-2473.656	
1.00000	-8.055665	-586.807143	-4.309294
-495.247666	-73.304723	-2386.693	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.308004	12.538217	0.309126
62.281266	25.642125	813.278005	
0.25000	5.300137	12.717114	0.309126
62.975899	29.806881	954.825744	
0.50000	5.292641	12.913479	0.309126
63.727040	35.086084	1106.747	
0.75000	5.285563	13.124340	0.309126
64.525881	41.274261	1261.127	
1.00000	5.278960	13.347057	0.309126
65.362376	47.986557	1416.768	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.094473	-154.623806	-8.481209
-542.590787	-34.492700	-1098.132	
0.25000	-2.100162	-154.293124	-8.481209
-541.882539	-29.313591	-1080.561	
0.50000	-2.106184	-153.970941	-8.481209
-541.212581	-24.762830	-1077.639	
0.75000	-2.112466	-153.660216	-8.481209
-540.590989	-20.686112	-1075.162	
1.00000	-2.118943	-153.364217	-8.481209
-540.027689	-16.994529	-1072.707	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.442948	33.917345	1.028158
237.519338	55.505919	1753.050	
0.25000	10.442764	33.921524	1.028158
237.535727	59.681396	2010.834	
0.50000	10.442590	33.926112	1.028158
237.553436	65.074526	2324.290	
0.75000	10.442425	33.931039	1.028158
237.572289	71.430893	2670.654	
1.00000	10.442271	33.936243	1.028158
237.592024	78.460607	3024.708	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.223889	-363.806601	-10.222309
-802.449429	-58.802767	-2283.285	
0.25000	-3.224022	-363.798891	-10.222309
-802.432616	-52.459839	-2187.034	
0.50000	-3.224162	-363.791383	-10.222309
-802.416708	-46.782780	-2145.363	
0.75000	-3.224308	-363.784143	-10.222309
-802.401941	-41.621769	-2116.908	
1.00000	-3.224459	-363.777247	-10.222309
-802.388547	-36.852016	-2088.455	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	17.608531	78.255235	6.527808
531.971242	79.860784	2751.927	
0.25000	17.174817	87.665326	6.527808
560.677716	80.088707	3155.088	
0.50000	16.760840	97.978613	6.527808
591.890097	81.872445	3624.154	
0.75000	16.369417	109.041280	6.527808
625.081223	84.919919	4129.180	
1.00000	16.003397	120.697681	6.527808
658.791131	88.848927	4620.067	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.152273	-672.162006	-9.429781
-823.045980	-72.200972	-3582.501	
0.25000	-5.468987	-653.903563	-9.429781
-798.886893	-70.079207	-3295.537	
0.50000	-5.802810	-636.045133	-9.429781
-776.161028	-69.152384	-3168.421	
0.75000	-6.149937	-618.771246	-9.429781
-762.683872	-69.280853	-3082.677	
1.00000	-6.506597	-602.234821	-9.429781
-762.683817	-70.199782	-2916.796	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.467633	59.080594	9.151824
618.185212	37.725138	1482.369	
0.25000	9.951596	69.467535	9.151824
615.145811	32.288458	1697.923	
0.50000	9.457835	80.832068	9.151824
612.106410	27.499885	1932.846	
0.75000	8.989928	92.998212	9.151824
609.067009	23.204021	2178.637	
1.00000	8.550975	105.761918	9.151824
606.027608	19.312675	2403.516	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.920652	-439.471030	-0.309327
-88.469210	-29.566267	-1778.776	
0.25000	-3.302933	-417.710778	-0.309327
-88.469210	-34.033968	-1577.452	
0.50000	-3.703439	-396.299337	-0.309327
-88.469210	-39.692266	-1434.230	
0.75000	-4.117867	-375.459817	-0.309327
-88.469210	-46.324627	-1347.080	
1.00000	-4.541447	-355.396812	-0.309327
-88.469210	-53.610888	-1275.342	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.975169	94.464100	11.405194
832.535004	68.354600	2570.294	
0.25000	16.303568	109.352924	11.405194
838.001656	61.098528	2918.063	
0.50000	15.661509	123.556768	11.405194
843.468309	54.650341	3327.829	
0.75000	15.053545	139.841236	11.405194
848.934962	48.853648	3778.460	
1.00000	14.483844	156.961165	11.405194
854.401615	43.554150	4204.892	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.481498	-714.302856	-0.702294
-241.800265	-50.422368	-3095.495	
0.25000	-4.976409	-685.995153	-0.702294
-241.800265	-55.781207	-2780.466	
0.50000	-5.496100	-658.205852	-0.702294
-241.800265	-62.428224	-2570.558	
0.75000	-6.034951	-631.207743	-0.702294
-241.800265	-70.294360	-2443.728	
1.00000	-6.586578	-605.269280	-0.702294
-241.800265	-79.091965	-2333.470	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	19.539299	94.579421	10.549926
826.053736	83.817550	3030.471	
0.25000	18.941105	106.936661	10.549926
830.597949	79.718433	3463.038	
0.50000	18.369205	120.465229	10.549926
835.142161	76.851950	3971.291	
0.75000	17.827659	134.954030	10.549926
839.686374	75.028592	4520.990	
1.00000	17.320173	150.185304	10.549926
844.230587	73.920165	5051.726	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.277935	-788.099528	-5.592534
-583.953997	-68.780870	-3752.854	
0.25000	-5.718836	-762.887953	-5.592534
-583.953997	-70.701666	-3436.047	
0.50000	-6.181775	-738.132917	-5.592534
-583.953997	-74.170957	-3236.726	
0.75000	-6.661713	-714.081266	-5.592534
-583.953997	-78.983676	-3113.169	
1.00000	-7.153066	-690.971811	-5.592534
-583.953997	-84.805742	-3004.497	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.722060	101.045866	8.741850
661.316557	71.598886	2723.743	
0.25000	14.121682	121.069275	8.741850
661.316557	73.213767	3095.214	
0.50000	13.550225	142.501134	8.741850
661.316557	75.948999	3492.825	
0.75000	13.007370	165.057221	8.741850
661.316557	79.753543	3915.805	
1.00000	12.498314	188.701321	8.741850
661.316557	84.407754	4346.864	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.516660	-670.253867	-7.814477
-671.816185	-53.868370	-2735.071	
0.25000	-6.160978	-648.818093	-7.814477
-652.621196	-57.022214	-2647.706	
0.50000	-6.799891	-627.663983	-7.814477
-652.588921	-61.411289	-2560.665	
0.75000	-7.430286	-606.896043	-7.814477
-652.557664	-66.968588	-2473.656	
1.00000	-8.055665	-586.807143	-7.814477
-652.531348	-74.277527	-2386.693	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	19.539299	94.579421	11.405194
832.535004	83.817550	3030.471	
0.25000	18.941105	108.352924	11.405194
838.001656	80.088707	3463.038	
0.50000	18.369205	123.556768	11.405194
843.468309	81.872445	3971.291	
0.75000	17.827659	139.841236	11.405194
848.934962	84.919919	4520.990	
1.00000	17.320173	156.961165	11.405194
854.401615	88.848927	5051.726	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.277935	-788.099528	-10.222309
-823.045980	-72.200972	-3752.854	
0.25000	-5.718836	-762.887953	-10.222309
-802.432616	-70.701666	-3436.047	
0.50000	-6.181775	-738.132917	-10.222309
-802.416708	-74.170957	-3236.726	
0.75000	-6.661713	-714.081266	-10.222309
-802.401941	-78.983676	-3113.169	
1.00000	-7.153066	-690.971811	-10.222309
-802.388547	-84.805742	-3004.497	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	19.539299	101.045866	11.405194
832.535004	83.817550	3030.471	
0.25000	18.941105	121.069275	11.405194
838.001656	80.088707	3463.038	
0.50000	18.369205	142.501134	11.405194
843.468309	81.872445	3971.291	
0.75000	17.827659	165.057221	11.405194
848.934962	84.919919	4520.990	
1.00000	17.320173	188.701321	11.405194
854.401615	88.848927	5051.726	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.516660	-788.099528	-10.222309
-823.045980	-72.200972	-3752.854	
0.25000	-6.160978	-762.887953	-10.222309
-802.432616	-70.701666	-3436.047	
0.50000	-6.799891	-738.132917	-10.222309
-802.416708	-74.170957	-3236.726	
0.75000	-7.430286	-714.081266	-10.222309
-802.401941	-78.983676	-3113.169	
1.00000	-8.055665	-690.971811	-10.222309
-802.388547	-84.805742	-3004.497	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	19.539299	101.045866	11.405194
832.535004	83.817550	3030.471	
0.25000	18.941105	121.069275	11.405194
838.001656	80.088707	3463.038	
0.50000	18.369205	142.501134	11.405194
843.468309	81.872445	3971.291	
0.75000	17.827659	165.057221	11.405194
848.934962	84.919919	4520.990	
1.00000	17.320173	188.701321	11.405194
854.401615	88.848927	5051.726	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.516660	-788.099528	-10.222309
-823.045980	-72.200972	-3752.854	
0.25000	-6.160978	-762.887953	-10.222309
-802.432616	-70.701666	-3436.047	
0.50000	-6.799891	-738.132917	-10.222309
-802.416708	-74.170957	-3236.726	
0.75000	-7.430286	-714.081266	-10.222309
-802.401941	-78.983676	-3113.169	
1.00000	-8.055665	-690.971811	-10.222309
-802.388547	-84.805742	-3004.497	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 59 ========== LENGTH = 4.993890

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.103341	8.478242	1.598537
4.867738	45.342969	946.833004	
0.25000	3.095550	8.727206	1.598537
5.704545	46.929945	1038.369	
0.50000	3.088503	8.989404	1.598537
6.573416	49.507242	1137.241	
0.75000	3.081738	9.261670	1.598537
7.467220	53.041137	1241.832	
1.00000	3.075325	9.564071	1.598537
8.494693	57.393588	1350.635	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.112157	-104.002318	-5.293204
-366.864418	-9.491496	-850.290172	
0.25000	-1.119064	-103.695634	-5.293204
-365.849136	-7.869043	-833.736017	
0.50000	-1.126069	-103.414481	-5.293204
-365.010790	-6.294695	-817.181873	
0.75000	-1.133133	-103.139940	-5.293204
-364.205826	-4.837335	-800.627729	
1.00000	-1.140917	-102.875018	-5.293204
-363.445688	-4.105576	-784.073585	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.363385	35.183306	2.471858
167.316077	71.293532	2245.612	
0.25000	6.363096	35.192530	2.471858
167.347112	72.310026	2395.960	
0.50000	6.362835	35.202244	2.471858
167.379334	74.596833	2589.262	
0.75000	6.362585	35.212332	2.471858
167.412479	78.130218	2825.824	
1.00000	6.362347	35.223537	2.471858
167.450584	82.628985	3091.987	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.319390	-250.217612	-6.491454
-598.303812	-19.184388	-1658.825	
0.25000	-2.319646	-250.206248	-6.491454
-598.266116	-16.911696	-1618.766	
0.50000	-2.319905	-250.195832	-6.491454
-598.235028	-15.082500	-1578.707	
0.75000	-2.320167	-250.185660	-6.491454
-598.205176	-14.761353	-1538.648	
1.00000	-2.320455	-250.175845	-6.491454
-598.176985	-14.441091	-1498.589	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.464780	108.626086	5.829918
360.870015	78.975918	3790.183	
0.25000	11.032850	122.627120	5.829918
377.582099	78.800695	4076.549	
0.50000	10.630247	137.448320	5.829918
407.895894	79.803180	4384.087	
0.75000	10.244069	152.894931	5.829918
440.999921	81.975492	4712.307	
1.00000	9.878486	169.498674	5.829918
485.536638	85.173000	5047.977	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.559908	-508.985600	-6.782607
-628.254336	-46.782877	-2315.991	
0.25000	-5.964103	-492.128575	-6.782607
-605.744309	-46.946852	-2247.625	
0.50000	-6.374608	-476.136570	-6.782607
-582.838598	-47.859030	-2179.312	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-6.788403	-460.510424	-6.782607
-562.296482	-50.778536	-2110.999	
1.00000	-7.224664	-445.432274	-6.782607
-562.296482	-54.178503	-2042.685	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.804615	98.934515	5.817469
415.914270	10.508151	2249.354	
0.25000	6.325166	114.842795	5.817469
415.914270	8.736130	2438.242	
0.50000	5.856629	131.812534	5.817469
415.914270	6.992753	2605.077	
0.75000	5.407790	149.593390	5.817469
415.914270	5.291553	2748.956	
1.00000	4.983825	167.736858	5.817469
415.914270	3.645945	2869.754	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.637109	-351.676037	-1.561843
-12.418813	-51.027913	-1006.610	
0.25000	-5.124289	-333.225873	-1.561843
-12.418813	-52.755582	-964.355009	
0.50000	-5.619852	-314.740275	-1.561843
-12.418813	-55.623181	-922.220001	
0.75000	-6.119307	-296.660390	-1.561843
-12.418813	-59.549327	-880.102516	
1.00000	-6.611623	-279.214811	-1.561843
-12.418813	-64.223665	-837.985031	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.264067	150.048454	7.373860
609.276251	32.155138	3826.096	
0.25000	10.619761	171.237254	7.373860
609.276251	29.427417	4102.502	
0.50000	10.001247	193.775675	7.373860
609.276251	26.717946	4379.195	
0.75000	9.408409	217.341841	7.373860
609.276251	24.088454	4657.460	
1.00000	8.847999	241.869845	7.373860
609.276251	21.606862	4926.161	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.837650	-563.410833	-2.057037
-158.052440	-68.293350	-1843.672	
0.25000	-7.472706	-538.483978	-2.057037
-158.052440	-70.690087	-1773.229	
0.50000	-8.118269	-514.020548	-2.057037
-158.052440	-74.321841	-1702.945	
0.75000	-8.768952	-490.100603	-2.057037
-158.052440	-79.126348	-1632.662	
1.00000	-9.426368	-467.020942	-2.057037
-158.052440	-84.826523	-1562.379	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.691304	142.748616	7.811857
594.639886	60.480946	4347.000	
0.25000	12.119938	161.546583	7.811857
594.639886	58.632991	4667.247	
0.50000	11.570981	181.544581	7.811857
594.639886	57.450585	5001.822	
0.75000	11.044826	202.456567	7.811857
594.639886	57.127043	5351.316	
1.00000	10.547470	224.201759	7.811857
594.639886	57.366712	5702.296	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.865372	-603.643429	-5.115943
-413.974746	-67.986474	-2386.669	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-7.429356	-581.543984	-5.115943
-413.974746	-69.474628	-2306.650	
0.50000	-8.002681	-559.834239	-5.115943
-413.974746	-72.182860	-2226.775	
0.75000	-8.580555	-538.606523	-5.115943
-413.974746	-76.053858	-2146.901	
1.00000	-9.163722	-518.124472	-5.115943
-413.974746	-80.817339	-2067.026	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.200978	11.303079	1.260839
5.632098	43.373174	1415.352	
0.25000	4.193478	11.500547	1.260839
6.319208	46.369306	1537.224	
0.50000	4.186320	11.714297	1.260839
7.055272	50.407560	1660.893	
0.75000	4.179563	11.941471	1.260839
7.831223	55.375633	1785.662	
1.00000	4.173267	12.179313	1.260839
8.636312	61.039251	1911.528	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.419320	-139.333748	-6.471447
-449.608678	-14.762027	-1072.586	
0.25000	-1.425346	-139.012388	-6.471447
-448.904758	-11.946394	-1051.918	
0.50000	-1.431726	-138.701392	-6.471447
-448.244608	-9.646819	-1031.291	
0.75000	-1.438383	-138.403598	-6.471447
-447.637507	-7.834979	-1009.775	
1.00000	-1.445248	-138.121809	-6.471447
-447.092257	-6.560614	-989.181114	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.355493	40.789474	2.134572
174.544045	72.306146	3022.901	
0.25000	8.355318	40.794084	2.134572
174.560255	75.005916	3253.970	
0.50000	8.355151	40.799074	2.134572
174.577640	78.902738	3503.184	
0.75000	8.354994	40.804378	2.134572
174.595953	84.026186	3775.591	
1.00000	8.354847	40.809932	2.134572
174.614955	90.121174	4054.901	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.739770	-316.350363	-7.968832
-688.501705	-33.916175	-2088.164	
0.25000	-2.739910	-316.342869	-7.968832
-688.484998	-30.080103	-2038.055	
0.50000	-2.740059	-316.335620	-7.968832
-688.469327	-26.868820	-1988.002	
0.75000	-2.740214	-316.328680	-7.968832
-688.454909	-25.061532	-1937.941	
1.00000	-2.740374	-316.322114	-7.968832
-688.441948	-23.758090	-1887.889	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.537096	100.653311	6.291356
433.481490	82.295983	4619.244	
0.25000	14.132730	111.209193	6.291356
461.262624	82.922402	5010.438	
0.50000	13.745604	122.621860	6.291356
491.280640	84.996840	5394.475	
0.75000	13.379129	134.738951	6.291356
523.026918	88.256808	5775.756	
1.00000	13.036611	147.405406	6.291356
555.503618	92.409539	6138.371	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.383972	-577.427628	-8.006089
-707.362441	-62.916544	-2916.530	
0.25000	-5.719235	-559.788918	-8.006089
-683.209552	-62.561517	-2830.561	
0.50000	-6.072860	-542.656363	-8.006089
-660.643511	-63.226230	-2742.907	
0.75000	-6.440784	-526.175511	-8.006089
-640.352765	-65.396354	-2657.124	
1.00000	-6.819087	-510.505347	-8.006089
-640.179639	-68.256447	-2571.449	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.796309	81.377613	7.089782
508.276671	16.718088	2404.971	
0.25000	8.331338	93.345028	7.089782
505.236995	13.706997	2637.309	
0.50000	7.884107	106.263351	7.089782
502.197319	11.011782	2840.318	
0.75000	7.458890	119.953612	7.089782
499.157643	8.520320	3013.328	
1.00000	7.059575	134.222933	7.089782
496.117967	6.177499	3156.369	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.850579	-367.617503	-1.241174
-17.429159	-49.836821	-1275.503	
0.25000	-4.254726	-346.811405	-1.241174
-17.429159	-53.240370	-1222.012	
0.50000	-4.678758	-326.445831	-1.241174
-17.429159	-57.491515	-1168.629	
0.75000	-5.118114	-306.717394	-1.241174
-17.429159	-62.488577	-1115.191	
1.00000	-5.567791	-287.833420	-1.241174
-17.429159	-68.002750	-1061.776	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.288581	129.524890	8.955016
716.415392	40.429046	4206.447	
0.25000	13.676099	145.372454	8.955016
721.882540	36.307872	4573.507	
0.50000	13.087956	162.486964	8.955016
727.349688	32.602493	4917.508	
0.75000	12.529586	180.638389	8.955016
732.816836	29.179465	5242.700	
1.00000	12.006149	199.572853	8.955016
738.283984	26.032349	5533.702	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.930522	-600.879921	-1.868126
-163.716995	-73.085546	-2333.513	
0.25000	-6.454105	-573.723215	-1.868126
-163.716995	-77.337229	-2244.457	
0.50000	-7.004477	-547.206534	-1.868126
-163.716995	-82.493930	-2155.413	
0.75000	-7.575553	-521.594471	-1.868126
-163.716995	-88.531186	-2066.366	
1.00000	-8.160951	-497.132050	-1.868126
-163.716995	-95.283680	-1977.308	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.168567	126.896327	8.977884
692.945847	67.610283	5052.219	
0.25000	15.623285	141.002446	8.977884
697.490472	65.554239	5487.454	
0.50000	15.099637	156.235894	8.977884
702.035096	64.714273	5907.407	
0.75000	14.602469	172.391918	8.977884
706.579720	64.667429	6313.541	
1.00000	14.136374	189.244208	8.977884
711.124344	65.089295	6691.010	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.216116	-666.812976	-5.576354
-458.216681	-78.403280	-3004.395	
0.25000	-6.682553	-642.627210	-5.576354
-458.216681	-80.601661	-2903.850	
0.50000	-7.172821	-619.009194	-5.576354
-458.216681	-84.221843	-2803.448	
0.75000	-7.681501	-596.194887	-5.576354
-458.216681	-88.951850	-2703.045	
1.00000	-8.202908	-574.402459	-5.576354
-458.216681	-94.427442	-2602.631	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.691304	150.048454	7.811857
609.276251	78.975918	4347.000	
0.25000	12.119938	171.237254	7.811857
609.276251	78.800695	4667.247	
0.50000	11.570981	193.775675	7.811857
609.276251	79.803180	5001.822	
0.75000	11.044826	217.341841	7.811857
609.276251	81.975492	5351.316	
1.00000	10.547470	241.869845	7.811857
609.276251	85.173000	5702.296	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.865372	-603.643429	-6.782607
-628.254336	-68.293350	-2386.669	
0.25000	-7.472706	-581.543984	-6.782607
-605.744309	-70.690087	-2306.650	
0.50000	-8.118269	-559.834239	-6.782607
-598.235028	-74.321841	-2226.775	
0.75000	-8.768952	-538.606523	-6.782607
-598.205176	-79.126348	-2146.901	
1.00000	-9.426368	-518.124472	-6.782607
-598.176985	-84.826523	-2067.026	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.168567	129.524890	8.977884
716.415392	82.295983	5052.219	
0.25000	15.623285	145.372454	8.977884
721.882540	82.922402	5487.454	
0.50000	15.099637	162.486964	8.977884
727.349688	84.996840	5907.407	
0.75000	14.602469	180.638389	8.977884
732.816836	88.256808	6313.541	
1.00000	14.136374	199.572853	8.977884
738.283984	92.409539	6691.010	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.216116	-666.812976	-8.006089
-707.362441	-78.403280	-3004.395	
0.25000	-6.682553	-642.627210	-8.006089
-688.484998	-80.601661	-2903.850	
0.50000	-7.172821	-619.009194	-8.006089
-688.469327	-84.221843	-2803.448	
0.75000	-7.681501	-596.194887	-8.006089
-688.454909	-88.951850	-2703.045	
1.00000	-8.202908	-574.402459	-8.006089
-688.441948	-95.283680	-2602.631	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.865372	-666.812976	-8.006089
-707.362441	-78.403280	-3004.395	
0.25000	-7.472706	-642.627210	-8.006089
-688.484998	-80.601661	-2903.850	
0.50000	-8.118269	-619.009194	-8.006089
-688.469327	-84.221843	-2803.448	
0.75000	-8.768952	-596.194887	-8.006089
-688.454909	-88.951850	-2703.045	
1.00000	-9.426368	-574.402459	-8.006089
-688.441948	-95.283680	-2602.631	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.168567	150.048454	8.977884
716.415392	82.295983	5052.219	
0.25000	15.623285	171.237254	8.977884
721.882540	82.922402	5487.454	
0.50000	15.099637	193.775675	8.977884
727.349688	84.996840	5907.407	
0.75000	14.602469	217.341841	8.977884
732.816836	88.256808	6313.541	
1.00000	14.136374	241.869845	8.977884
738.283984	92.409539	6691.010	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.865372	-666.812976	-8.006089
-707.362441	-78.403280	-3004.395	
0.25000	-7.472706	-642.627210	-8.006089
-688.484998	-80.601661	-2903.850	
0.50000	-8.118269	-619.009194	-8.006089
-688.469327	-84.221843	-2803.448	
0.75000	-8.768952	-596.194887	-8.006089
-688.454909	-88.951850	-2703.045	
1.00000	-9.426368	-574.402459	-8.006089
-688.441948	-95.283680	-2602.631	

ELEM 60 ========== LENGTH = 4.994401

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.186572	9.212529	2.747896
37.953652	52.134084	1349.854	
0.25000	2.178852	9.471274	2.747896
38.766334	52.155848	1414.258	
0.50000	2.171842	9.742066	2.747896
39.608149	53.214426	1483.979	
0.75000	2.165090	10.021754	2.747896
40.471833	55.306035	1558.958	
1.00000	2.158664	10.329248	2.747896

41.461121 58.291471 1638.172

COMB DB-G1-1 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.749348	-83.490214	-4.387244
-298.364495	-4.054389	-784.087737	
0.25000	-0.756126	-83.179479	-4.387244
-297.376334	-4.023956	-759.810041	
0.50000	-0.763080	-82.893386	-4.387244
-296.520963	-3.993875	-735.571182	
0.75000	-0.770149	-82.614125	-4.387244
-295.729956	-3.969147	-711.359525	
1.00000	-0.777880	-82.344500	-4.387244
-294.988922	-3.954842	-687.177652	

COMB DB-G1-2 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	4.742131	47.772959	3.827880
224.905947	76.434729	3090.961	
0.25000	4.741845	47.782546	3.827880
224.936087	75.708065	3185.127	
0.50000	4.741586	47.792578	3.827880
224.967306	76.153006	3317.549	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST T	P M2	V2 M3	V3
0.75000	4.741336	47.802940	3.827880
224.999334	78.017271	3489.022	
1.00000	4.741097	47.814334	3.827880
225.036023	80.940655	3689.241	

COMB DB-G1-2 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-2.271176	-207.425240	-5.461938
-523.802699	-14.488187	-1498.548	
0.25000	-2.271427	-207.413727	-5.461938
-523.766052	-14.065002	-1449.292	
0.50000	-2.271685	-207.403128	-5.461938
-523.734334	-13.641830	-1400.079	
0.75000	-2.271947	-207.392781	-5.461938
-523.704962	-13.218836	-1350.906	
1.00000	-2.272233	-207.382792	-5.461938
-523.677480	-12.795767	-1301.765	

COMB DB-G1-3 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	9.402068	141.657501	6.456591
363.308200	79.624148	5047.384	
0.25000	8.976772	156.290787	6.456591
386.915417	78.325103	5251.103	
0.50000	8.578775	171.669544	6.456591
416.177432	78.074966	5467.814	
0.75000	8.195669	187.598896	6.456591
454.123450	79.082776	5697.662	
1.00000	7.831719	204.584140	6.456591
497.059370	81.033099	5930.796	

COMB DB-G1-3 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-6.082589	-446.240941	-6.592038
-597.117791	-48.804041	-2042.624	
0.25000	-6.471402	-429.067945	-6.592038
-556.964801	-49.714901	-1970.783	
0.50000	-6.870990	-412.746560	-6.592038
-534.758419	-50.952085	-1898.980	
0.75000	-7.277405	-396.807825	-6.592038
-513.039019	-52.747139	-1827.213	
1.00000	-7.705645	-381.421088	-6.592038
-498.160940	-55.291040	-1755.475	

COMB DB-G2-1 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	6.050670	126.635195	4.833854
339.830708	2.289464	2870.522	
0.25000	5.583378	143.408429	4.833854
339.830708	1.996382	3018.508	
0.50000	5.124599	161.142322	4.833854
339.830708	1.972685	3139.309	
0.75000	4.683530	179.591908	4.833854
339.830708	1.962506	3232.401	
1.00000	4.265561	198.334775	4.833854
339.830708	1.956993	3298.141	

COMB DB-G2-1 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-5.377003	-320.535074	-2.715022
-53.989304	-59.433320	-837.990871	
0.25000	-5.832166	-301.569249	-2.715022
-53.989304	-59.612055	-803.691577	
0.50000	-6.301151	-282.617770	-2.715022
-53.989304	-60.960470	-769.392414	
0.75000	-6.778596	-264.098917	-2.715022
-53.989304	-63.408461	-735.093889	
1.00000	-7.253348	-246.224495	-2.715022
-53.989304	-66.668980	-700.795423	

COMB DB-G2-2 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	9.848048	196.644955	6.227781
522.399134	20.975525	4926.895	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST T	P M2	V2 M3	V3
0.25000	9.217648	218.913220	6.227781
522.399134	19.417922	5132.097	
0.50000	8.609889	242.404504	6.227781
522.399134	17.910571	5329.015	
0.75000	8.025281	266.802397	6.227781
522.399134	16.493718	5518.781	
1.00000	7.470806	292.046404	6.227781
522.399134	15.223754	5692.267	

COMB DB-G2-2 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-8.135747	-508.601506	-3.459640
-186.465687	-77.751232	-1562.327	
0.25000	-8.735329	-483.065320	-3.459640
-186.465687	-78.221972	-1501.210	
0.50000	-9.352568	-458.026795	-3.459640
-186.465687	-79.984039	-1440.093	
0.75000	-9.980626	-433.563693	-3.459640
-186.465687	-82.990487	-1378.976	
1.00000	-10.618952	-409.951617	-3.459640
-186.465687	-86.990629	-1317.859	

COMB DB-G2-3 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	10.690482	187.212310	7.456740
549.689920	52.768622	5702.429	
0.25000	10.131549	206.970988	7.456740
549.689920	51.103342	5934.752	
0.50000	9.592228	227.817059	7.456740
549.689920	50.149183	6170.116	
0.75000	9.073463	249.469400	7.456740
549.689920	50.097356	6411.255	
1.00000	8.581459	271.853263	7.456740
549.689920	50.681031	6648.130	

COMB DB-G2-3 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-7.847291	-535.652328	-5.856357
-403.411834	-74.605149	-2066.962	
0.25000	-8.379500	-513.009053	-5.856357
-403.411834	-74.863996	-1990.599	
0.50000	-8.927404	-490.787196	-5.856357
-403.411834	-76.272944	-1914.254	
0.75000	-9.484922	-469.075869	-5.856357
-403.411834	-78.799879	-1837.940	
1.00000	-10.050973	-448.119849	-5.856357
-403.411834	-82.214394	-1761.639	

COMB DL-G1-1 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	2.852765	13.736352	2.239980
32.042444	56.044758	1910.440	
0.25000	2.845674	13.948624	2.239980
32.694125	57.751920	1989.057	
0.50000	2.838910	14.176937	2.239980
33.393807	60.159144	2068.985	
0.75000	2.832529	14.418293	2.239980
34.131421	63.199342	2149.995	
1.00000	2.826590	14.670420	2.239980
34.897704	66.642999	2232.010	

COMB DL-G1-1 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.979152	-111.290743	-4.680994
-347.093461	-6.232176	-989.200617	
0.25000	-0.985412	-110.981297	-4.680994
-346.393119	-5.810248	-958.747681	
0.50000	-0.992030	-110.682902	-4.680994
-345.734729	-5.597517	-927.269800	
0.75000	-0.998933	-110.398130	-4.680994
-345.126982	-5.450429	-896.891199	
1.00000	-1.006059	-110.129477	-4.680994
-344.577912	-5.357355	-866.512627	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	6.027546	54.836956	3.331805
219.510960	84.079364	4053.547	
0.25000	6.027381	54.841908	3.331805
219.526360	85.417076	4192.633	
0.50000	6.027223	54.847235	3.331805
219.542886	87.472727	4348.503	
0.75000	6.027074	54.852867	3.331805
219.560309	90.220381	4526.838	
1.00000	6.026935	54.858751	3.331805
219.578409	93.495561	4713.983	

COMB DL-G1-2 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-2.617840	-255.295645	-5.941816
-575.002268	-23.604437	-1887.798	
0.25000	-2.617986	-255.288429	-5.941816
-574.985662	-22.665222	-1826.020	
0.50000	-2.618140	-255.281473	-5.941816
-574.970048	-21.924831	-1764.239	
0.75000	-2.618301	-255.274835	-5.941816
-574.955626	-21.277599	-1702.494	
1.00000	-2.618467	-255.268574	-5.941816
-574.942588	-20.687539	-1640.738	

COMB DL-G1-3 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	11.441694	130.522583	6.243559
412.645640	86.550734	6137.787	
0.25000	11.062523	142.015635	6.243559
438.368541	86.963948	6391.698	
0.50000	10.699593	154.351745	6.243559
466.240425	88.087880	6636.075	
0.75000	10.356277	167.374799	6.243559
495.719202	89.859510	6876.205	
1.00000	10.035733	180.949783	6.243559
526.278021	92.148744	7098.570	

COMB DL-G1-3 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-5.864617	-480.810935	-6.782174
-625.660987	-62.529997	-2571.337	
0.25000	-6.213510	-463.874524	-6.782174
-600.866721	-63.630737	-2481.165	
0.50000	-6.580990	-447.474899	-6.782174
-577.607307	-65.109205	-2390.990	
0.75000	-6.963156	-431.758972	-6.782174
-556.398414	-66.948596	-2300.824	
1.00000	-7.356402	-416.861946	-6.782174
-541.322682	-69.088488	-2210.695	

COMB DL-G2-1 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	7.494403	103.694335	5.151105
392.372247	4.455896	3157.496	
0.25000	7.064170	116.996622	5.151105
389.332245	3.486535	3319.468	
0.50000	6.650181	131.224226	5.151105
386.292242	3.016121	3450.856	
0.75000	6.256878	146.211866	5.151105
383.252240	2.779880	3551.021	
1.00000	5.887678	161.786427	5.151105
380.212237	2.685422	3619.821	

COMB DL-G2-1 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-4.620542	-312.692633	-2.220232
-44.338504	-62.828155	-1061.785	
0.25000	-5.042391	-292.752118	-2.220232
-44.338504	-64.586428	-1018.306	
0.50000	-5.484222	-273.326965	-2.220232
-44.338504	-67.147160	-974.798057	
0.75000	-5.941623	-254.598168	-2.220232
-44.338504	-70.519688	-931.355298	
1.00000	-6.410203	-236.721630	-2.220232
-44.338504	-74.478466	-887.843159	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	12.042230	167.802489	6.696646
581.269049	24.221837	5534.938	
0.25000	11.472751	185.285468	6.696646
586.721996	22.327450	5779.477	
0.50000	10.925836	204.009530	6.696646
592.189731	20.669063	5997.503	
0.75000	10.407172	223.744599	6.696646
597.657467	19.231638	6195.386	
1.00000	9.920942	244.278187	6.696646
603.125202	17.960579	6358.988	

COMB DL-G2-2 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-7.265845	-508.762135	-3.029495
-182.143626	-87.789333	-1977.201	
0.25000	-7.811834	-482.724275	-3.029495
-182.128838	-90.039678	-1899.805	
0.50000	-8.384700	-457.390295	-3.029495
-182.128838	-92.976392	-1822.523	
0.75000	-8.978781	-433.028578	-3.029495
-182.128838	-96.731286	-1745.212	
1.00000	-9.588225	-409.843742	-3.029495
-182.128838	-101.118636	-1667.822	

COMB DL-G2-3 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	13.070291	165.859288	7.570034
592.704941	60.104098	6691.421	
0.25000	12.563387	181.425452	7.570034
597.250053	59.206929	6976.703	
0.50000	12.076532	198.095899	7.570034
601.795166	58.832283	7243.036	
0.75000	11.614798	215.665891	7.570034
606.340278	58.968540	7495.281	
1.00000	11.181904	233.946005	7.570034
610.885390	59.450804	7718.011	

COMB DL-G2-3 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-7.218283	-557.652553	-5.629191
-416.038009	-87.792117	-2602.495	
0.25000	-7.704700	-534.464193	-5.629191
-416.038009	-89.224229	-2506.513	
0.50000	-8.215022	-511.900646	-5.629191
-416.038009	-91.407780	-2410.620	
0.75000	-8.744194	-490.201275	-5.629191
-416.038009	-94.383863	-2314.707	
1.00000	-9.287053	-469.548248	-5.629191
-416.038009	-97.979312	-2218.711	

COMB DB ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	10.690482	196.644955	7.456740
549.689920	79.624148	5702.429	
0.25000	10.131549	218.913220	7.456740
549.689920	78.325103	5934.752	
0.50000	9.592228	242.404504	7.456740
549.689920	78.074966	6170.116	
0.75000	9.073463	266.802397	7.456740
549.689920	79.082776	6411.255	
1.00000	8.581459	292.046404	7.456740
549.689920	81.033099	6648.130	

COMB DB ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-8.135747	-535.652328	-6.592038
-597.117791	-77.751232	-2066.962	
0.25000	-8.735329	-513.009053	-6.592038
-556.964801	-78.221972	-1990.599	
0.50000	-9.352568	-490.787196	-6.592038
-534.758419	-79.984039	-1914.254	
0.75000	-9.980626	-469.075869	-6.592038
-523.704962	-82.990487	-1837.940	
1.00000	-10.618952	-448.119849	-6.592038
-523.677480	-86.990629	-1761.639	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	13.070291	167.802489	7.570034
592.704941	86.550734	6691.421	
0.25000	12.563387	185.285468	7.570034
597.250053	86.963948	6976.703	
0.50000	12.076532	204.009530	7.570034
601.795166	88.087880	7243.036	
0.75000	11.614798	223.744599	7.570034
606.340278	90.220381	7495.281	
1.00000	11.181904	244.278187	7.570034
610.885390	93.495561	7718.011	

COMB DL ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-7.265845	-557.652553	-6.782174
-625.660987	-87.792117	-2602.495	
0.25000	-7.811834	-534.464193	-6.782174
-600.866721	-90.039678	-2506.513	
0.50000	-8.384700	-511.900646	-6.782174
-577.607307	-92.976392	-2410.620	
0.75000	-8.978781	-490.201275	-6.782174
-574.955626	-96.731286	-2314.707	
1.00000	-9.588225	-469.548248	-6.782174
-574.942588	-101.118636	-2218.711	

COMB CAR ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	13.070291	196.644955	7.570034
592.704941	86.550734	6691.421	
0.25000	12.563387	218.913220	7.570034
597.250053	86.963948	6976.703	
0.50000	12.076532	242.404504	7.570034
601.795166	88.087880	7243.036	
0.75000	11.614798	266.802397	7.570034
606.340278	90.220381	7495.281	
1.00000	11.181904	292.046404	7.570034
610.885390	93.495561	7718.011	

COMB CAR ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-8.135747	-557.652553	-6.782174
-625.660987	-87.792117	-2602.495	
0.25000	-8.735329	-534.464193	-6.782174
-600.866721	-90.039678	-2506.513	
0.50000	-9.352568	-511.900646	-6.782174
-577.607307	-92.976392	-2410.620	
0.75000	-9.980626	-490.201275	-6.782174
-574.955626	-96.731286	-2314.707	
1.00000	-10.618952	-469.548248	-6.782174
-574.942588	-101.118636	-2218.711	

COMB DESIGN ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	13.070291	196.644955	7.570034
592.704941	86.550734	6691.421	
0.25000	12.563387	218.913220	7.570034
597.250053	86.963948	6976.703	
0.50000	12.076532	242.404504	7.570034
601.795166	88.087880	7243.036	
0.75000	11.614798	266.802397	7.570034
606.340278	90.220381	7495.281	
1.00000	11.181904	292.046404	7.570034
610.885390	93.495561	7718.011	

COMB DESIGN ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-8.135747	-557.652553	-6.782174
-625.660987	-87.792117	-2602.495	
0.25000	-8.735329	-534.464193	-6.782174
-600.866721	-90.039678	-2506.513	
0.50000	-9.352568	-511.900646	-6.782174
-577.607307	-92.976392	-2410.620	
0.75000	-9.980626	-490.201275	-6.782174
-574.955626	-96.731286	-2314.707	
1.00000	-10.618952	-469.548248	-6.782174
-574.942588	-101.118636	-2218.711	

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FRAME ELEMENT INTERNAL FORCES

ELEM 61 ========== LENGTH = 4.994022

COMB DB-G1-1 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	1.298473	21.803076	3.118060
114.873917	52.888572	1637.717	
0.25000	1.290734	22.068002	3.118060
115.657637	52.645394	1662.984	
0.50000	1.283704	22.344586	3.118060
116.475188	53.483493	1693.362	
0.75000	1.276910	22.629822	3.118060
117.319115	55.373555	1728.241	
1.00000	1.270422	22.941458	3.118060
118.286667	58.156827	1767.238	

COMB DB-G1-1 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.496657	-57.060018	-4.146084
-208.529585	-3.862122	-687.248903	
0.25000	-0.503497	-56.746716	-4.146084
-207.565785	-3.778761	-659.166604	
0.50000	-0.510548	-56.457581	-4.146084
-206.729146	-3.697116	-631.084304	
0.75000	-0.517737	-56.174489	-4.146084
-205.924616	-3.620903	-603.002005	
1.00000	-0.525541	-55.900123	-4.146084
-205.159451	-3.555097	-574.919705	

COMB DB-G1-2 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	3.239998	79.946219	4.220324
315.857298	74.453841	3688.583	
0.25000	3.239712	79.956034	4.220324
315.886364	73.482011	3709.502	
0.50000	3.239451	79.966281	4.220324
315.916683	73.864330	3759.580	
0.75000	3.239199	79.976849	4.220324
315.947979	75.571165	3848.628	
1.00000	3.238959	79.988396	4.220324
315.983862	78.289379	3964.470	

COMB DB-G1-2 ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-2.392178	-156.403443	-5.295355
-427.061838	-12.804882	-1301.804	
0.25000	-2.392431	-156.391834	-5.295355
-427.026094	-12.307731	-1247.977	
0.50000	-2.392692	-156.381122	-5.295355
-426.995068	-11.811354	-1194.149	
0.75000	-2.392959	-156.370634	-5.295355
-426.965232	-11.360047	-1140.321	
1.00000	-2.393248	-156.360469	-5.295355
-426.936854	-11.030610	-1086.493	

COMB DB-G1-3 ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	7.631620	192.189024	6.591950
380.891589	75.325078	5930.371	
0.25000	7.205951	207.247764	6.591950
410.927256	74.001752	6024.545	
0.50000	6.807522	223.003131	6.591950
444.202078	73.886058	6120.480	
0.75000	6.423155	239.273771	6.591950
481.692231	74.967385	6227.601	
1.00000	6.057256	256.530133	6.591950
523.620073	77.006099	6334.490	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.698157	-376.795663	-6.710595
-559.768434	-49.658073	-1755.451	
0.25000	-7.087712	-359.431626	-6.710595
-520.696321	-50.119492	-1681.785	
0.50000	-7.489645	-342.912396	-6.710595
-485.549805	-50.961169	-1608.120	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-7.899470	-326.748077	-6.710595
-455.339070	-52.434640	-1534.455	
1.00000	-8.329771	-311.100079	-6.710595
-433.775485	-54.782859	-1460.790	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.577092	153.314254	4.528896
240.923238	1.999227	3298.657	
0.25000	5.110700	170.702773	4.528896
240.923238	1.918048	3392.543	
0.50000	4.652657	188.954964	4.528896
240.923238	1.845787	3456.098	
0.75000	4.212046	207.844222	4.528896
240.923238	1.786433	3489.311	
1.00000	3.794399	226.962881	4.528896
240.923238	1.733563	3492.797	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.962961	-291.553927	-3.094796
-137.940328	-61.436442	-700.734099	
0.25000	-6.414086	-272.288168	-3.094796
-137.940328	-61.329828	-670.214284	
0.50000	-6.880217	-253.064304	-3.094796
-137.940328	-62.386037	-639.694470	
0.75000	-7.355667	-234.271224	-3.094796
-137.940328	-64.523596	-609.174655	
1.00000	-7.829044	-216.109639	-3.094796
-137.940328	-67.456901	-578.654841	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.838393	244.237593	5.830398
402.774199	15.202538	5692.681	
0.25000	8.208535	267.258654	5.830398
402.774199	14.381859	5804.481	
0.50000	7.601151	291.395481	5.830398
402.774199	13.578723	5897.204	
0.75000	7.016215	316.353332	5.830398
402.774199	12.818142	5980.565	
1.00000	6.460880	342.064341	5.830398
405.601299	12.127653	6044.320	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.303274	-454.915992	-4.006964
-288.183750	-79.402237	-1317.742	
0.25000	-9.899895	-429.021253	-4.006964
-288.183750	-79.442900	-1261.020	
0.50000	-10.516065	-403.643588	-4.006964
-288.183750	-80.805399	-1204.298	
0.75000	-11.144335	-378.824093	-4.006964
-288.183750	-83.431452	-1147.576	
1.00000	-11.782686	-354.824673	-4.006964
-288.183750	-87.152259	-1090.855	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.104013	244.282821	7.287500
490.295054	46.589812	6648.190	
0.25000	8.545588	264.712155	7.287500
490.295054	45.566233	6764.050	
0.50000	8.006624	286.132809	7.287500
490.295054	45.287530	6872.144	
0.75000	7.487609	308.283002	7.287500
490.295054	45.814818	6981.575	
1.00000	6.994895	331.082581	7.287500
490.295054	46.932113	7081.025	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.893800	-464.715651	-6.257549
-445.835261	-75.519262	-1761.555	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-9.423280	-441.752562	-6.257549
-445.835261	-75.359226	-1686.798	
0.50000	-9.970121	-419.228838	-6.257549
-445.835261	-76.367841	-1612.040	
0.75000	-10.527705	-397.200960	-6.257549
-445.835261	-78.528376	-1537.283	
1.00000	-11.093700	-375.901506	-6.257549
-445.835261	-81.683967	-1462.526	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.476222	26.928370	2.698683
102.215106	61.187141	2231.423	
0.25000	1.469397	27.154170	2.698683
102.823217	61.817003	2256.729	
0.50000	1.462880	27.396189	2.698683
103.482333	63.031803	2282.759	
0.75000	1.456726	27.651999	2.698683
104.184042	64.781624	2309.936	
1.00000	1.451000	27.919388	2.698683
104.919321	66.868516	2337.913	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.706248	-77.821019	-3.852257
-231.305628	-5.267167	-866.602294	
0.25000	-0.712790	-77.525013	-3.852257
-230.598292	-5.158188	-831.299561	
0.50000	-0.719707	-77.239704	-3.852257
-229.926325	-5.064299	-795.986030	
0.75000	-0.726932	-76.967373	-3.852257
-229.298322	-4.998164	-760.658648	
1.00000	-0.734401	-76.710783	-3.852257
-228.722942	-4.989277	-725.351708	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.860543	86.681177	3.835726
307.127874	87.134481	4713.243	
0.25000	3.860384	86.686443	3.835726
307.142262	87.115469	4745.891	
0.50000	3.860232	86.692088	3.835726
307.157851	87.760868	4793.117	
0.75000	3.860088	86.698056	3.835726
307.174446	88.964402	4861.823	
1.00000	3.859955	86.704294	3.835726
307.191836	90.592088	4944.850	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.814977	-190.421272	-5.089014
-445.457011	-20.913912	-1640.760	
0.25000	-2.815130	-190.414369	-5.089014
-445.440258	-20.104335	-1572.988	
0.50000	-2.815291	-190.407717	-5.089014
-445.424343	-19.351139	-1505.209	
0.75000	-2.815459	-190.401368	-5.089014
-445.409464	-18.617735	-1437.445	
1.00000	-2.815633	-190.395388	-5.089014
-445.395824	-17.910083	-1369.713	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.796955	178.135981	6.104939
416.237493	86.414555	7098.262	
0.25000	8.432568	190.466840	6.104939
439.316721	85.992420	7202.395	
0.50000	8.083774	203.639099	6.104939
464.618320	86.174494	7294.139	
0.75000	7.753790	217.523870	6.104939
491.657870	86.871925	7379.972	
1.00000	7.445931	231.993135	6.104939
519.937585	87.972968	7453.004	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.636240	-388.142272	-6.297941
-549.631321	-63.387432	-2210.648	
0.25000	-7.001313	-371.960069	-6.297941
-523.618947	-63.977937	-2118.100	
0.50000	-7.385530	-356.311994	-6.297941
-498.918330	-64.812010	-2025.526	
0.75000	-7.785212	-341.330103	-6.297941
-476.027379	-65.935896	-1933.001	
1.00000	-8.196898	-327.156279	-6.297941
-455.456961	-67.312304	-1840.538	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.637522	127.341759	4.194211
270.644376	2.704886	3620.437	
0.25000	6.225130	141.804847	4.194211
268.644956	2.583090	3714.991	
0.50000	5.828803	157.172595	4.194211
265.740011	2.476567	3777.920	
0.75000	5.452785	173.302965	4.194211
262.700255	2.374941	3808.873	
1.00000	5.100637	190.035638	4.194211
259.660499	2.278490	3807.925	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.358651	-269.192539	-2.667107
-125.364066	-69.384267	-887.766449	
0.25000	-5.800774	-250.184236	-2.667107
-126.404402	-70.272543	-849.012429	
0.50000	-6.262767	-231.706818	-2.667107
-126.539212	-71.705494	-810.319127	
0.75000	-6.740864	-213.943102	-2.667107
-126.539212	-73.719438	-771.625829	
1.00000	-7.230273	-197.038495	-2.667107
-126.539212	-76.102932	-732.990500	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.465488	211.137742	5.531072
435.093415	18.058826	6359.660	
0.25000	9.919125	230.055858	5.531072
437.436854	17.159406	6481.982	
0.50000	9.394859	250.195341	5.531072
441.615410	16.281015	6575.063	
0.75000	8.897928	271.366174	5.531072
447.049171	15.429593	6645.327	
1.00000	8.433070	293.362428	5.531072
452.516462	14.605931	6685.663	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.642473	-432.102240	-3.633848
-272.564589	-93.722185	-1667.651	
0.25000	-9.214226	-407.251768	-3.633848
-269.440732	-94.761670	-1595.821	
0.50000	-9.813402	-383.144799	-3.633848
-268.151997	-96.358058	-1524.079	
0.75000	-10.434401	-359.992324	-3.633848
-268.118466	-98.596850	-1452.332	
1.00000	-11.071523	-338.010122	-3.633848
-268.118466	-101.364108	-1380.680	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.717661	218.147287	6.812300
508.686948	55.858664	7718.236	
0.25000	10.231350	234.994331	6.812300
510.646756	55.197661	7846.529	
0.50000	9.764682	252.927727	6.812300
514.224339	54.898194	7952.828	
0.75000	9.322327	271.778404	6.812300
518.762904	54.922541	8043.417	
1.00000	8.908502	291.362777	6.812300
523.307647	55.156631	8110.620	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.538430	-460.229853	-5.785292
-434.358605	-91.443173	-2218.573	
0.25000	-9.047810	-438.099458	-5.785292
-431.773651	-91.912424	-2124.451	
0.50000	-9.581573	-416.629745	-5.785292
-430.806195	-93.005635	-2030.408	
0.75000	-10.134734	-396.008797	-5.785292
-430.800016	-94.719426	-1936.360	
1.00000	-10.702211	-376.428667	-5.785292
-430.800016	-96.934676	-1842.400	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.104013	244.282821	7.287500
490.295054	75.325078	6648.190	
0.25000	8.545588	267.258654	7.287500
490.295054	74.001752	6764.050	
0.50000	8.006624	291.395481	7.287500
490.295054	73.886058	6872.144	
0.75000	7.487609	316.353332	7.287500
490.295054	75.571165	6981.575	
1.00000	6.994895	342.064341	7.287500
523.620073	78.289379	7081.025	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.303274	-464.715651	-6.710595
-559.768434	-79.402237	-1761.555	
0.25000	-9.899895	-441.752562	-6.710595
-520.696321	-79.442900	-1686.798	
0.50000	-10.516065	-419.228838	-6.710595
-485.549805	-80.805399	-1612.040	
0.75000	-11.144335	-397.200960	-6.710595
-455.339070	-83.431452	-1537.283	
1.00000	-11.782686	-375.901506	-6.710595
-445.835261	-87.152259	-1462.526	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.717661	218.147287	6.812300
508.686948	87.134481	7718.236	
0.25000	10.231350	234.994331	6.812300
510.646756	87.115469	7846.529	
0.50000	9.764682	252.927727	6.812300
514.224339	87.760868	7952.828	
0.75000	9.322327	271.778404	6.812300
518.762904	88.964402	8043.417	
1.00000	8.908502	293.362428	6.812300
523.307647	90.592088	8110.620	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.642473	-460.229853	-6.297941
-549.631321	-93.722185	-2218.573	
0.25000	-9.214226	-438.099458	-6.297941
-523.618947	-94.761670	-2124.451	
0.50000	-9.813402	-416.629745	-6.297941
-498.918330	-96.358058	-2030.408	
0.75000	-10.434401	-396.008797	-6.297941
-476.027379	-98.596850	-1936.360	
1.00000	-11.071523	-376.428667	-6.297941
-455.456961	-101.364108	-1842.400	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.717661	244.282821	7.287500
508.686948	87.134481	7718.236	
0.25000	10.231350	267.258654	7.287500
510.646756	87.115469	7846.529	
0.50000	9.764682	291.395481	7.287500
514.224339	87.760868	7952.828	
0.75000	9.322327	316.353332	7.287500
518.762904	88.964402	8043.417	
1.00000	8.908502	342.064341	7.287500
523.620073	90.592088	8110.620	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.303274	-464.715651	-6.710595
-559.768434	-93.722185	-2218.573	
0.25000	-9.899895	-441.752562	-6.710595
-523.618947	-94.761670	-2124.451	
0.50000	-10.516065	-419.228838	-6.710595
-498.918330	-96.358058	-2030.408	
0.75000	-11.144335	-397.200960	-6.710595
-476.027379	-98.596850	-1936.360	
1.00000	-11.782686	-376.428667	-6.710595
-455.456961	-101.364108	-1842.400	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.717661	244.282821	7.287500
508.686948	87.134481	7718.236	
0.25000	10.231350	267.258654	7.287500
510.646756	87.115469	7846.529	
0.50000	9.764682	291.395481	7.287500
514.224339	87.760868	7952.828	
0.75000	9.322327	316.353332	7.287500
518.762904	88.964402	8043.417	
1.00000	8.908502	342.064341	7.287500
523.620073	90.592088	8110.620	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.303274	-464.715651	-6.710595
-559.768434	-93.722185	-2218.573	
0.25000	-9.899895	-441.752562	-6.710595
-523.618947	-94.761670	-2124.451	
0.50000	-10.516065	-419.228838	-6.710595
-498.918330	-96.358058	-2030.408	
0.75000	-11.144335	-397.200960	-6.710595
-476.027379	-98.596850	-1936.360	
1.00000	-11.782686	-376.428667	-6.710595
-455.456961	-101.364108	-1842.400	

ELEM 62 ========== LENGTH = 4.993649

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.496588	42.909759	3.006599
204.815395	52.675954	1767.250	
0.25000	0.489944	43.178614	3.006599
205.581060	52.720860	1747.224	
0.50000	0.482004	43.458871	3.006599
206.382976	53.826450	1731.255	
0.75000	0.475286	43.747777	3.006599
207.214024	55.957474	1718.646	
1.00000	0.468863	44.063214	3.006599
208.169831	58.958360	1710.027	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.970973	-28.501334	-4.219364
-107.381557	-3.428657	-575.016469	
0.25000	-0.977738	-28.183738	-4.219364
-106.427129	-3.325807	-545.294120	
0.50000	-0.984715	-27.889815	-4.219364
-105.599354	-3.224586	-515.571772	
0.75000	-0.991831	-27.601290	-4.219364
-104.801319	-3.128518	-485.849423	
1.00000	-0.999543	-27.320872	-4.219364
-104.040017	-3.210564	-456.127074	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.857868	122.393787	4.062407
415.484471	71.716538	3964.520	
0.25000	1.857584	122.403747	4.062407
415.512868	71.138595	3895.253	
0.50000	1.857327	122.414130	4.062407
415.542607	71.909427	3853.467	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.857078	122.424834	4.062407
415.573426	73.960913	3847.351	
1.00000	1.856840	122.436522	4.062407
415.608874	76.988353	3868.181	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.623817	-101.982728	-5.414640
-318.197100	-10.803313	-1086.573	
0.25000	-3.624068	-101.970960	-5.414640
-318.161703	-10.285495	-1030.790	
0.50000	-3.624326	-101.960071	-5.414640
-318.131006	-9.966848	-975.008023	
0.75000	-3.624590	-101.949382	-5.414640
-318.101410	-9.647522	-919.225707	
1.00000	-3.624875	-101.938993	-5.414640
-318.073175	-9.329262	-863.443392	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.955793	251.801629	6.448258
425.665960	71.492981	6334.454	
0.25000	5.535634	267.098643	6.448258
442.894314	70.553541	6305.649	
0.50000	5.142025	283.074216	6.448258
474.291486	70.810156	6281.072	
0.75000	4.761625	299.563478	6.448258
509.032446	72.214634	6263.725	
1.00000	4.398914	317.049122	6.448258
547.565745	74.489002	6244.460	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.171797	-305.158191	-6.764547
-528.154438	-48.594135	-1460.785	
0.25000	-8.555705	-287.531468	-6.764547
-486.986002	-49.085963	-1386.380	
0.50000	-8.952010	-270.713357	-6.764547
-450.388656	-50.152811	-1311.975	
0.75000	-9.356341	-254.209112	-6.764547
-415.520331	-51.785787	-1237.570	
1.00000	-9.780788	-238.181895	-6.764547
-389.568228	-54.159617	-1163.164	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.111092	178.913352	4.526200
130.727484	1.779736	3492.952	
0.25000	4.651145	196.603272	4.526200
130.727484	1.678026	3535.916	
0.50000	4.198211	215.129856	4.526200
130.727484	1.587484	3555.027	
0.75000	3.761511	234.289251	4.526200
130.727484	1.510055	3542.761	
1.00000	3.346726	253.695920	4.526200
130.727484	1.435646	3497.952	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.363696	-264.554798	-3.005792
-237.951057	-61.766407	-578.558179	
0.25000	-6.805865	-244.952790	-3.005792
-237.951057	-61.791673	-549.698786	
0.50000	-7.263033	-225.336907	-3.005792
-237.951057	-62.946181	-520.839393	
0.75000	-7.729687	-206.096553	-3.005792
-237.951057	-65.148924	-491.980000	
1.00000	-8.195184	-187.435003	-3.005792
-237.951057	-68.113141	-463.120606	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.840613	292.174369	5.807449
265.045930	12.730604	6044.431	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	7.219257	315.581644	5.807449
265.045930	12.031418	6060.049	
0.50000	6.618854	340.071955	5.807449
265.045930	11.335357	6063.160	
0.75000	6.039423	365.378845	5.807449
265.045930	10.685598	6054.180	
1.00000	5.488277	391.459877	5.807449
269.948795	10.040956	6023.163	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.214965	-402.757889	-3.913767
-413.611733	-78.825622	-1090.705	
0.25000	-10.800914	-376.434246	-3.913767
-413.043391	-79.010001	-1035.942	
0.50000	-11.406419	-350.560220	-3.913767
-413.043391	-80.664453	-981.177730	
0.75000	-12.024331	-325.175232	-3.913767
-413.043391	-83.515808	-926.413942	
1.00000	-12.652753	-300.544169	-3.913767
-413.043391	-87.300721	-871.650154	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.591054	305.740090	7.179526
418.598368	43.394836	7081.141	
0.25000	7.040175	326.512698	7.179526
418.598368	42.716783	7072.311	
0.50000	6.507397	348.247455	7.179526
418.598368	42.791092	7060.176	
0.75000	5.993253	370.707755	7.179526
418.598368	43.584357	7045.664	
1.00000	5.504239	393.836176	7.179526
418.797286	44.914693	7017.728	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.427756	-393.526288	-6.258889
-501.771521	-74.287034	-1462.434	
0.25000	-10.947716	-370.181894	-6.258889
-501.771521	-74.242109	-1388.421	
0.50000	-11.485042	-347.216735	-6.258889
-501.771521	-75.533881	-1314.407	
0.75000	-12.033385	-324.685900	-6.258889
-501.771521	-77.897418	-1240.394	
1.00000	-12.590545	-302.824635	-6.258889
-501.771521	-81.097105	-1166.380	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.580602	50.981620	2.846043
206.683704	61.200860	2337.946	
0.25000	0.574101	51.221485	2.846043
207.254839	61.459240	2304.174	
0.50000	0.567899	51.477969	2.846043
207.877230	62.281790	2271.772	
0.75000	0.562050	51.748612	2.846043
208.542383	63.631258	2239.446	
1.00000	0.556615	52.031270	2.846043
209.241348	65.317678	2208.118	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.238542	-47.479832	-3.669417
-125.065115	-5.002737	-725.473385	
0.25000	-1.245260	-47.195709	-3.669417
-124.330542	-4.909383	-688.103152	
0.50000	-1.252351	-46.922216	-3.669417
-123.630562	-4.843361	-650.732948	
0.75000	-1.259753	-46.661700	-3.669417
-122.972877	-4.817450	-613.350406	
1.00000	-1.267402	-46.416658	-3.669417
-122.366009	-5.038927	-575.980902	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.373566	134.102087	4.036535
426.109964	84.047651	4944.884	
0.25000	2.373414	134.107680	4.036535
426.123503	83.597161	4863.105	
0.50000	2.373269	134.113661	4.036535
426.138251	83.799168	4795.422	
0.75000	2.373132	134.119973	4.036535
426.154004	84.595187	4748.036	
1.00000	2.373006	134.126567	4.036535
426.170561	85.892001	4714.109	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.128665	-131.701403	-4.929320
-321.103081	-18.148558	-1369.794	
0.25000	-4.128822	-131.694776	-4.929320
-321.085706	-17.393149	-1299.510	
0.50000	-4.128987	-131.688398	-4.929320
-321.069149	-16.687945	-1229.203	
0.75000	-4.129159	-131.682324	-4.929320
-321.053590	-16.062504	-1158.914	
1.00000	-4.129338	-131.676612	-4.929320
-321.039228	-15.543859	-1088.599	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.809919	241.630825	6.092526
463.462043	82.288718	7453.008	
0.25000	6.463144	254.775399	6.092526
483.865429	81.533929	7400.613	
0.50000	6.131420	268.781783	6.092526
506.509193	81.373465	7335.178	
0.75000	5.817952	283.523427	6.092526
530.907956	81.760556	7262.356	
1.00000	5.526205	298.875126	6.092526
556.554244	82.613687	7175.619	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.326332	-306.338992	-6.206252
-514.409979	-61.269395	-1840.534	
0.25000	-8.700574	-290.843164	-6.206252
-486.309620	-61.638313	-1747.244	
0.50000	-9.094019	-275.884488	-6.206252
-459.469054	-62.233403	-1653.935	
0.75000	-9.502959	-261.580940	-6.206252
-434.393558	-63.158236	-1560.644	
1.00000	-9.923987	-248.080147	-6.206252
-411.522128	-64.398656	-1467.347	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.856190	152.454876	3.930782
152.385021	2.334898	3807.898	
0.25000	5.464422	167.952129	3.930782
152.385021	2.203780	3836.901	
0.50000	5.088018	184.380188	3.930782
152.385021	2.081166	3833.884	
0.75000	4.731224	201.596837	3.930782
152.184127	1.967882	3798.431	
1.00000	4.397665	219.447581	3.930782
151.057721	1.851150	3730.667	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.968433	-233.275077	-2.860241
-238.197131	-70.191165	-732.867930	
0.25000	-6.420615	-215.141850	-2.860241
-241.236675	-70.490547	-696.300829	
0.50000	-6.892884	-197.538629	-2.860241
-244.275999	-71.308736	-659.708809	
0.75000	-7.381155	-180.645459	-2.860241
-247.115237	-72.686582	-623.206441	
1.00000	-7.880992	-164.599759	-2.860241
-249.028376	-74.438089	-586.597806	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.031158	259.591117	5.193086
305.350011	15.234158	6685.629	
0.25000	8.511907	279.824591	5.193086
305.350011	14.309533	6686.058	
0.50000	8.013716	301.319712	5.193086
305.406833	13.409614	6656.475	
0.75000	7.542014	323.867107	5.193086
306.775721	12.549252	6603.145	
1.00000	7.101462	347.287493	5.193086
309.931304	11.726157	6519.219	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.880050	-366.929515	-3.821519
-415.416780	-93.241053	-1380.478	
0.25000	-10.465398	-343.191274	-3.821519
-409.949868	-93.599661	-1311.312	
0.50000	-11.078145	-320.188867	-3.821519
-404.539020	-94.494786	-1242.104	
0.75000	-11.712867	-298.150085	-3.821519
-400.441186	-96.022858	-1173.020	
1.00000	-12.363924	-277.258761	-3.821519
-398.129858	-98.070734	-1103.828	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.817462	282.322884	6.624912
453.286234	51.913404	8110.604	
0.25000	8.355129	300.342543	6.624912
453.286234	51.110942	8079.269	
0.50000	7.911845	319.479103	6.624912
453.303589	50.621579	8023.986	
0.75000	7.491955	339.562296	6.624912
454.345060	50.428373	7951.816	
1.00000	7.099771	360.416237	6.624912
456.961050	50.578850	7855.949	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.324524	-375.862032	-5.903194
-500.025993	-89.643370	-1842.265	
0.25000	-10.846001	-354.723217	-5.903194
-495.481565	-89.679275	-1749.178	
0.50000	-11.391838	-334.238244	-5.903194
-490.953816	-90.227069	-1656.059	
0.75000	-11.957209	-314.610183	-5.903194
-487.450960	-91.359093	-1563.050	
1.00000	-12.537085	-296.002601	-5.903194
-485.522511	-93.071220	-1469.951	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.840613	305.740090	7.179526
425.665960	71.716538	7081.141	
0.25000	7.219257	326.512698	7.179526
442.894314	71.138595	7072.311	
0.50000	6.618854	348.247455	7.179526
474.291486	71.909427	7060.176	
0.75000	6.039423	370.707755	7.179526
509.032446	73.960913	7045.664	
1.00000	5.504239	393.836176	7.179526
547.565745	76.988353	7017.728	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.427756	-402.757889	-6.764547
-528.154438	-78.825622	-1462.434	
0.25000	-10.947716	-376.434246	-6.764547
-501.771521	-79.010001	-1388.421	
0.50000	-11.485042	-350.560220	-6.764547
-501.771521	-80.664453	-1314.407	
0.75000	-12.033385	-325.175232	-6.764547
-501.771521	-83.515808	-1240.394	
1.00000	-12.652753	-302.824635	-6.764547
-501.771521	-87.300721	-1166.380	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.031158	282.322884	6.624912
463.462043	84.047651	8110.604	
0.25000	8.511907	300.342543	6.624912
483.865429	83.597161	8079.269	
0.50000	8.013716	319.479103	6.624912
506.509193	83.799168	8023.986	
0.75000	7.542014	339.562296	6.624912
530.907956	84.595187	7951.816	
1.00000	7.101462	360.416237	6.624912
556.554244	85.892001	7855.949	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.324524	-375.862032	-6.206252
-514.409979	-93.241053	-1842.265	
0.25000	-10.846001	-354.723217	-6.206252
-495.481565	-93.599661	-1749.178	
0.50000	-11.391838	-334.238244	-6.206252
-490.953816	-94.494786	-1656.059	
0.75000	-11.957209	-314.610183	-6.206252
-487.450960	-96.022858	-1563.050	
1.00000	-12.537085	-296.002601	-6.206252
-485.522511	-98.070734	-1469.951	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.031158	305.740090	7.179526
463.462043	84.047651	8110.604	
0.25000	8.511907	326.512698	7.179526
483.865429	83.597161	8079.269	
0.50000	8.013716	348.247455	7.179526
506.509193	83.799168	8023.986	
0.75000	7.542014	370.707755	7.179526
530.907956	84.595187	7951.816	
1.00000	7.101462	393.836176	7.179526
556.554244	85.892001	7855.949	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.427756	-402.757889	-6.764547
-528.154438	-93.241053	-1842.265	
0.25000	-10.947716	-376.434246	-6.764547
-501.771521	-93.599661	-1749.178	
0.50000	-11.485042	-350.560220	-6.764547
-501.771521	-94.494786	-1656.059	
0.75000	-12.033385	-325.175232	-6.764547
-501.771521	-96.022858	-1563.050	
1.00000	-12.652753	-302.824635	-6.764547
-501.771521	-98.070734	-1469.951	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.031158	305.740090	7.179526
463.462043	84.047651	8110.604	
0.25000	8.511907	326.512698	7.179526
483.865429	83.597161	8079.269	
0.50000	8.013716	348.247455	7.179526
506.509193	83.799168	8023.986	
0.75000	7.542014	370.707755	7.179526
530.907956	84.595187	7951.816	
1.00000	7.101462	393.836176	7.179526
556.554244	85.892001	7855.949	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.427756	-402.757889	-6.764547
-528.154438	-93.241053	-1842.265	
0.25000	-10.947716	-376.434246	-6.764547
-501.771521	-93.599661	-1749.178	
0.50000	-11.485042	-350.560220	-6.764547
-501.771521	-94.494786	-1656.059	
0.75000	-12.033385	-325.175232	-6.764547
-501.771521	-96.022858	-1563.050	
1.00000	-12.652753	-302.824635	-6.764547
-501.771521	-98.070734	-1469.951	

ELEM 63 ========== LENGTH = 4.994341

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.339690	68.270834	2.929798
300.709699	53.651448	1710.503	
0.25000	0.331942	68.544107	2.929798
301.435413	53.743179	1643.577	
0.50000	0.324902	68.829470	2.929798
302.194714	54.812016	1578.855	
0.75000	0.318072	69.124347	2.929798
303.014694	56.848337	1516.697	
1.00000	0.311527	69.446539	2.929798
303.966210	59.568035	1457.611	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.890892	-26.958548	-3.673357
-50.608082	-3.766230	-456.222969	
0.25000	-1.897691	-26.633287	-3.673357
-49.652152	-3.778477	-425.981744	
0.50000	-1.904722	-26.331274	-3.673357
-48.821179	-3.832434	-395.740519	
0.75000	-1.911915	-26.033806	-3.673357
-48.013025	-3.977387	-365.499294	
1.00000	-1.919723	-25.743615	-3.673357
-47.234007	-4.246842	-335.267975	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.320074	171.297630	3.921277
518.967110	70.566987	3868.861	
0.25000	1.319787	171.307754	3.921277
518.994025	70.153098	3702.799	
0.50000	1.319526	171.318326	3.921277
519.022183	71.073196	3558.984	
0.75000	1.319273	171.329251	3.921277
519.052627	73.084295	3449.652	
1.00000	1.319031	171.341188	3.921277
519.087916	75.916191	3369.816	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.152720	-77.753631	-4.906923
-229.468308	-9.095778	-863.530939	
0.25000	-5.152972	-77.741579	-4.906923
-229.432856	-8.487284	-807.128101	
0.50000	-5.153232	-77.730391	-4.906923
-229.402041	-8.257849	-750.725262	
0.75000	-5.153499	-77.719371	-4.906923
-229.372071	-8.328832	-694.322423	
1.00000	-5.153788	-77.708620	-4.906923
-229.343179	-8.590293	-637.933118	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.150184	317.723167	5.899968
517.876497	69.137824	6244.903	
0.25000	4.721906	333.326393	5.899968
517.876497	68.313105	6079.722	
0.50000	4.319822	349.651361	5.899968
523.320869	68.670581	5908.028	
0.75000	3.930159	366.543840	5.899968
544.385972	70.004252	5740.192	
1.00000	3.557702	384.488581	5.899968
578.373423	72.072543	5570.810	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.928243	-259.319585	-6.330526
-519.327634	-47.885378	-1163.168	
0.25000	-10.314895	-241.166129	-6.330526
-477.851191	-48.248362	-1088.536	
0.50000	-10.715245	-223.782270	-6.330526
-440.834970	-49.232624	-1013.904	

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-11.125082	-206.662737	-6.330526
-405.408922	-51.036406	-939.271526	
1.00000	-11.556436	-189.975017	-6.330526
-375.948435	-53.687911	-864.651393	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.781852	204.950922	3.890410
53.742955	1.490628	3497.489	
0.25000	4.308716	223.091382	3.890410
53.742955	1.391998	3481.834	
0.50000	3.841012	242.125602	3.890410
53.742955	1.305670	3433.847	
0.75000	3.388579	261.862814	3.890410
53.742955	1.229194	3351.620	
1.00000	2.957747	281.931905	3.890410
53.742955	1.155394	3233.677	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.768335	-236.075092	-2.977240
-344.675569	-62.354799	-463.018164	
0.25000	-7.215132	-215.704635	-2.977240
-344.675569	-62.231642	-434.694837	
0.50000	-7.678660	-195.249466	-2.977240
-344.675569	-63.137760	-406.371509	
0.75000	-8.153633	-175.110346	-2.977240
-344.675569	-64.928969	-378.048223	
1.00000	-8.629779	-155.501195	-2.977240
-344.675569	-67.223963	-349.725027	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.082399	341.873215	5.005515
210.818251	10.962734	6022.789	
0.25000	6.445437	365.829728	5.005515
210.818251	10.165914	5928.268	
0.50000	5.827907	390.941371	5.005515
210.818251	9.370902	5808.666	
0.75000	5.230101	416.958737	5.005515
210.818251	8.578122	5672.021	
1.00000	4.660080	443.852145	5.005515
210.818251	7.798067	5512.232	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-11.130712	-347.962539	-3.982553
-549.352774	-78.856008	-871.502652	
0.25000	-11.722076	-320.699588	-3.982553
-546.663192	-78.766761	-817.372704	
0.50000	-12.335179	-293.804665	-3.982553
-546.663192	-79.881560	-763.242757	
0.75000	-12.963153	-267.321519	-3.982553
-546.663192	-82.256008	-709.112810	
1.00000	-13.604366	-241.526226	-3.982553
-546.663192	-85.450764	-654.982868	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.723793	371.961777	6.379002
421.083613	41.802339	7017.723	
0.25000	6.158988	393.223785	6.379002
421.083613	41.194030	6867.232	
0.50000	5.610909	415.512067	6.379002
421.083613	41.367704	6699.012	
0.75000	5.080355	438.605159	6.379002
421.083613	42.117909	6525.553	
1.00000	4.574491	462.457227	6.379002
421.083613	43.329586	6340.152	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-11.953150	-334.207677	-6.087683
-568.613106	-73.587607	-1166.295	

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-12.477945	-310.026435	-6.087683
-568.613106	-73.288401	-1092.525	
0.50000	-13.022049	-286.151480	-6.087683
-568.613106	-74.062633	-1018.756	
0.75000	-13.579361	-262.642245	-6.087683
-568.613106	-75.991000	-944.987282	
1.00000	-14.147928	-239.744006	-6.087683
-568.613106	-78.752644	-871.226965	

COMB DL-G1-1 ---------- MAX

```
 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.392626    86.427145     2.841958
345.047463  59.977650   2208.750
 0.25000    0.386291    86.682524     2.841958
345.579716  59.565085   2117.157
 0.50000    0.380244    86.955070     2.841958
346.164305  59.695140   2025.959
 0.75000    0.374549    87.242552     2.841958
346.792604  60.325590   1935.025
 1.00000    0.369259    87.542891     2.841958
347.456484  61.261614   1844.583

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -2.356280   -36.000722    -3.032293
-62.491576  -5.427111  -576.099656
 0.25000   -2.363261   -35.728048    -3.032293
-61.725640  -5.332458  -538.098643
 0.50000   -2.370632   -35.465684    -3.032293
-60.992552  -5.274764  -500.097331
 0.75000   -2.378327   -35.216133    -3.032293
-60.301420  -5.285007  -462.106265
 1.00000   -2.386288   -34.981960    -3.032293
-59.659319  -5.409567  -424.103883

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    1.777910   198.251198     3.983864
576.410009  79.812924   4714.887
 0.25000    1.777762   198.257152     3.983864
576.422652  78.719907   4524.416
 0.50000    1.777621   198.263507     3.983864
576.436527  78.247512   4339.429
 0.75000    1.777488   198.270210     3.983864
576.451432  78.352423   4173.967
 1.00000    1.777364   198.277215     3.983864
576.467179  78.919849   4023.163

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.032361   -97.301421    -4.277932
-227.164997 -16.537542  -1088.697
 0.25000   -6.032523   -97.295061    -4.277932
-227.146902 -15.722826  -1017.583
 0.50000   -6.032695   -97.288943    -4.277932
-227.129589 -14.976397  -946.482606
 0.75000   -6.032875   -97.283124    -4.277932
-227.113267 -14.397789  -875.367057
 1.00000   -6.033060   -97.277665    -4.277932
-227.098090 -13.981734  -804.271000

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    5.753287   323.141596     5.584244
579.488731  77.436465   7175.936
 0.25000    5.414690   337.202109     5.584244
585.651240  76.083757   6970.626
 0.50000    5.090737   352.159729     5.584244
605.743184  75.298511   6743.288
 0.75000    4.784575   367.897966     5.584244
627.678893  75.050191   6507.098
 1.00000    4.499714   384.296810     5.584244
650.953067  75.236894   6257.607
 Program    SAP2000    Nonlinear    Version    7.42
   File:2교대구방향S5-S703.OUT

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 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -10.572651  -248.964650    -5.676571
-538.062300 -59.059984  -1467.366
 0.25000  -10.961744  -234.111392    -5.676571
-507.526755 -58.802091  -1373.968
 0.50000  -11.370719  -219.773838    -5.676571
-478.176385 -58.777606  -1280.582
 0.75000  -11.796375  -206.096143    -5.676571
-450.538763 -59.158950  -1187.183
 1.00000  -12.235163  -193.206546    -5.676571
-425.062029 -59.888643  -1093.755

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    5.214837   180.870980     3.170480
76.862258   1.992753    3730.052
 0.25000    4.831007   197.564730     3.170480
76.862258   1.862409    3690.766
 0.50000    4.462117   215.239209     3.170480
76.862258   1.735696    3618.640
 0.75000    4.112439   233.767275     3.170480
76.862258   1.619364    3513.106
 1.00000    3.785673   252.991974     3.170480
76.862258   1.523305    3374.280

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.588610  -200.262482    -2.885212
-387.447531 -68.382373  -586.467368
 0.25000   -7.058915  -182.913995    -2.885212
-390.487482 -67.857315  -550.552352
 0.50000   -7.550442  -166.082346    -2.885212
-393.527432 -67.813426  -514.685907
 0.75000   -8.059292  -149.950011    -2.885212
-396.567382 -68.301758  -478.819463
 1.00000   -8.580998  -134.659389    -2.885212
-399.607333 -69.223683  -442.953465

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    7.886704   315.480162     4.295597
240.458825  12.821280    6518.520
 0.25000    7.378418   337.223504     4.295597
240.458825  11.843903    6396.964
 0.50000    6.890836   360.281869     4.295597
240.458825  10.895673    6237.994
 0.75000    6.429122   384.486188     4.295597
240.458825   9.996287    6052.954
 1.00000    5.998346   409.636410     4.295597
240.458825   9.154431    5838.488

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -11.178583  -308.028522    -3.970157
-599.387155 -90.407368  -1103.637
 0.25000  -11.787310  -285.302373    -3.970157
-593.919514 -89.573130  -1035.269
 0.50000  -12.424833  -263.292994    -3.970157
-588.451872 -89.251001  -967.009647
 0.75000  -13.085781  -242.232875    -3.970157
-582.984231 -89.574442  -898.750699
 1.00000  -13.765067  -222.313257    -3.970157
-577.516590 -90.395771  -830.511264

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    7.573462   360.807995     5.769303
467.971352  47.958206    7855.700
 0.25000    7.121031   380.174193     5.769303
467.971352  46.942008    7666.472
 0.50000    6.687004   400.710300     5.769303
467.971352  46.241730    7445.816
 0.75000    6.275985   422.265897     5.769303
467.971352  45.843055    7204.060
 1.00000    5.892485   444.662653     5.769303
467.971352  45.770112    6938.989
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -12.366550  -308.051738    -5.693505
-613.526990 -86.254256  -1469.834
 0.25000  -12.908857  -287.814709    -5.693505
-608.981956 -85.294399  -1377.007
 0.50000  -13.476772  -268.214585    -5.693505
-604.436921 -84.829968  -1284.278
 0.75000  -14.065515  -249.458613    -5.693505
-599.891887 -84.993276  -1191.548
 1.00000  -14.670550  -231.716955    -5.693505
-595.346853 -85.660883  -1098.836

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    7.082399   371.961777     6.379002
518.967110  70.566987    7017.723
 0.25000    6.445437   393.223785     6.379002
518.994025  70.153098    6867.232
 0.50000    5.827907   415.512067     6.379002
523.320869  71.073196    6699.012
 0.75000    5.230101   438.605159     6.379002
544.385972  73.084295    6525.553
 1.00000    4.660080   462.457227     6.379002
578.373423  75.916191    6340.152

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -11.953150  -347.962539    -6.330526
-568.613106 -78.856008  -1166.295
 0.25000  -12.477945  -320.699588    -6.330526
-568.613106 -78.766761  -1092.525
 0.50000  -13.022049  -293.804665    -6.330526
-568.613106 -79.881560  -1018.756
 0.75000  -13.579361  -267.321519    -6.330526
-568.613106 -82.256008  -944.987282
 1.00000  -14.147928  -241.526226    -6.330526
-568.613106 -85.450764  -871.226965

 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    7.886704   360.807995     5.769303
579.488731  79.812924    7855.700
 0.25000    7.378418   380.174193     5.769303
585.651240  78.719907    7666.472
 0.50000    6.890836   400.710300     5.769303
605.743184  78.247512    7445.816
 0.75000    6.429122   422.265897     5.769303
627.678893  78.352423    7204.060
 1.00000    5.998346   444.662653     5.769303
650.953067  78.919849    6938.989

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -12.366550  -308.051738    -5.693505
-613.526990 -90.407368  -1469.834
 0.25000  -12.908857  -287.814709    -5.693505
-608.981956 -89.573130  -1377.007
 0.50000  -13.476772  -268.214585    -5.693505
-604.436921 -89.251001  -1284.278
 0.75000  -14.065515  -249.458613    -5.693505
-599.891887 -89.574442  -1191.548
 1.00000  -14.670550  -231.716955    -5.693505
-595.346853 -90.395771  -1098.836

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    7.886704   371.961777     6.379002
579.488731  79.812924    7855.700
 0.25000    7.378418   393.223785     6.379002
585.651240  78.719907    7666.472
 0.50000    6.890836   415.512067     6.379002
605.743184  78.247512    7445.816
 0.75000    6.429122   438.605159     6.379002
627.678893  78.352423    7204.060
 1.00000    5.998346   462.457227     6.379002
650.953067  78.919849    6938.989
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 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -12.366550  -347.962539    -6.330526
-613.526990 -90.407368  -1469.834
 0.25000  -12.908857  -320.699588    -6.330526
-608.981956 -89.573130  -1377.007
 0.50000  -13.476772  -293.804665    -6.330526
-604.436921 -89.251001  -1284.278
 0.75000  -14.065515  -267.321519    -6.330526
-599.891887 -89.574442  -1191.548
 1.00000  -14.670550  -241.526226    -6.330526
-595.346853 -90.395771  -1098.836

 COMB    DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    7.886704   371.961777     6.379002
579.488731  79.812924    7855.700
 0.25000    7.378418   393.223785     6.379002
585.651240  78.719907    7666.472
 0.50000    6.890836   415.512067     6.379002
605.743184  78.247512    7445.816
 0.75000    6.429122   438.605159     6.379002
627.678893  78.352423    7204.060
 1.00000    5.998346   462.457227     6.379002
650.953067  78.919849    6938.989

 COMB    DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -12.366550  -347.962539    -6.330526
-613.526990 -90.407368  -1469.834
 0.25000  -12.908857  -320.699588    -6.330526
-608.981956 -89.573130  -1377.007
 0.50000  -13.476772  -293.804665    -6.330526
-604.436921 -89.251001  -1284.278
 0.75000  -14.065515  -267.321519    -6.330526
-599.891887 -89.574442  -1191.548
 1.00000  -14.670550  -241.526226    -6.330526
-595.346853 -90.395771  -1098.836

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 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.400470    93.323054     3.544245
387.949170  54.800803    1458.480
 0.25000    0.392542    93.601434     3.544245
388.531187  53.038365    1349.610
 0.50000    0.385324    93.895252     3.544245
389.297992  51.802331    1242.052
 0.75000    0.378205    94.202358     3.544245
390.109373  50.980167    1135.212
 1.00000    0.371254    94.540170     3.544245
391.056727  50.757509    1030.845

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -2.613771   -26.333559    -1.336846
-49.284921  -4.531366  -335.361208
 0.25000   -2.620539   -25.992665    -1.336846
-48.285951  -4.561164  -305.368633
 0.50000   -2.627621   -25.674446    -1.336846
-47.414611  -4.649881  -275.376058
 0.75000   -2.634953   -25.355889    -1.336846
-46.546500  -4.853366  -245.405077
 1.00000   -2.642965   -25.039381    -1.336846
-45.684536  -5.221221  -215.434993

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    1.068971   221.356697     4.617373
609.730220  70.077954    3370.880
 0.25000    1.068677   221.367010     4.617373
609.751980  67.512265    3114.509
 0.50000    1.068410   221.377895     4.617373
609.780416  65.736011    2874.150
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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000    1.068146   221.389272     4.617373
609.810504  64.512236    2659.624
 1.00000    1.067889   221.401789     4.617373
609.845681  63.949730    2479.067

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.383843   -58.224091    -2.120281
-234.411312 -10.267519  -638.021959
 0.25000   -6.384094   -58.211461    -2.120281
-234.374265  -9.981824  -581.845862
 0.50000   -6.384356   -58.199672    -2.120281
-234.341956  -9.797571  -525.669765
 0.75000   -6.384628   -58.187871    -2.120281
-234.309764  -9.791866  -469.520461
 1.00000   -6.384925   -58.176146    -2.120281
-234.277799 -10.000427  -413.372304

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.445496   388.254119     4.943782
596.484227  67.228754    5571.415
 0.25000    4.003513   404.297784     4.943782
596.484227  64.507648    5260.537
 0.50000    3.586375   421.217082     4.943782
596.484227  62.482473    4939.617
 0.75000    3.176195   438.880348     4.943782
599.411775  60.948431    4616.777
 1.00000    2.777416   457.755959     4.943782
622.321923  60.006078    4295.136

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -11.389360  -212.617615    -4.269470
-580.677105 -49.474058  -864.656605
 0.25000  -11.778038  -193.449434    -4.269470
-536.818995 -49.042230  -789.954404
 0.50000  -12.184192  -174.961670    -4.269470
-498.459475 -48.788366  -715.252203
 0.75000  -12.603867  -156.492770    -4.269470
-469.035796 -48.885078  -640.573854
 1.00000  -13.048071  -138.188605    -4.269470
-440.377754 -49.487899  -565.896526

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.207619   237.027500     1.411522
54.062644   1.409262    3232.952
 0.25000    3.712581   255.940884     1.411522
54.062644   1.417966    3135.865
 0.50000    3.218783   275.861503     1.411522
54.062644   1.452754    3007.727
 0.75000    2.735421   296.621900     1.411522
54.062644   1.555303    2850.424
 1.00000    2.268350   317.841454     1.411522
54.062644   1.775063    2654.211

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -7.184487  -199.861650    -3.721232
-439.465969 -61.932693  -349.619537
 0.25000   -7.640335  -178.093471    -3.721232
-439.465969 -59.489581  -320.880428
 0.50000   -8.115655  -156.041317    -3.721232
-439.465969 -57.868039  -292.141319
 0.75000   -8.605361  -134.079071    -3.721232
-439.465969 -56.910889  -263.402446
 1.00000   -9.098527  -112.391379    -3.721232
-439.465969 -56.373781  -234.663585

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    6.027071   399.756577     2.015986
200.073290  8.977458    5511.518
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 REL DIST            P            V2           V3
    T          M2           M3
 0.25000    5.364049   424.607657     2.015986
200.073290  8.249183    5277.342
 0.50000    4.716233   450.795375     2.015986
200.073290  7.542729    5017.329
 0.75000    4.081001   478.102384     2.015986
200.073290  6.912215    4739.946
 1.00000    3.465813   506.482418     2.015986
200.073290  6.423629    4442.302

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -11.983705  -283.296206    -4.853383
-668.184925 -78.944491  -654.836148
 0.25000  -12.583785  -254.301519    -4.853383
-666.667334 -76.286646  -600.149152
 0.50000  -13.210020  -225.450414    -4.853383
-666.667334 -74.581652  -545.462157
 0.75000  -13.855854  -196.682471    -4.853383
-666.667334 -73.598753  -490.775171
 1.00000  -14.518542  -168.238359    -4.853383
-666.667334 -73.099785  -436.088185

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    5.776580   446.138434     4.036992
458.511994  40.736173    6340.039
 0.25000    5.188523   468.199735     4.036992
458.511994  39.094784    6025.977
 0.50000    4.613388   491.447061     4.036992
458.511994  37.945670    5692.804
 0.75000    4.049473   515.687353     4.036992
458.511994  37.322904    5348.101
 1.00000    3.503409   540.860222     4.036992
458.511994  37.078613    4993.563

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000  -13.288738  -274.017190    -5.424572
-653.378958 -73.153177  -871.142820
 0.25000  -13.821405  -248.294149    -5.424572
-653.378958 -70.896574  -797.001442
 0.50000  -14.377267  -222.676583    -5.424572
-653.378958 -69.472664  -722.860064
 0.75000  -14.950498  -197.134331    -5.424572
-653.378958 -68.856698  -648.734192
 1.00000  -15.538167  -171.881129    -5.424572
-653.378958 -68.832468  -574.609026

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.483561   125.856876     3.449056
494.415843  56.809891    1845.707
 0.25000    0.477485   126.129763     3.449056
494.909973  54.098957    1704.956
 0.50000    0.471639   126.422780     3.449056
495.472251  51.716442    1564.040
 0.75000    0.466085   126.734166     3.449056
496.098672  49.705290    1422.855
 1.00000    0.460900   127.062290     3.449056
496.782995  47.955443    1282.150

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -3.391769   -34.895043    -1.179158
-58.496890  -5.616725  -424.218555
 0.25000   -3.398952   -34.634849    -1.179158
-57.700608  -5.545092  -386.517466
 0.50000   -3.406589   -34.382962    -1.179158
-56.920930  -5.535282  -348.816339
 0.75000   -3.414624   -34.141732    -1.179158
-56.167805  -5.617291  -311.118408
 1.00000   -3.422998   -33.914212    -1.179158
-55.450241  -5.845605  -273.434363
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    1.596202   272.203655     4.678755
733.984328  73.788661    4024.495
 0.25000    1.596060   272.210013     4.678755
733.996083  70.036767    3733.210
 0.50000    1.595924   272.216843     4.678755
734.009445  66.726472    3441.950
 0.75000    1.595794   272.224102     4.678755
734.024321  63.855503    3166.631
 1.00000    1.595673   272.231753     4.678755
734.040569  61.341128    2910.182

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -7.844790   -80.836515    -2.065495
-203.898036 -15.142385  -804.376607
 0.25000   -7.844958   -80.830445    -2.065495
-203.879243 -14.415095  -733.512830
 0.50000   -7.845135   -80.824570    -2.065495
-203.860849 -13.822072  -662.649051
 0.75000   -7.845323   -80.818943    -2.065495
-203.843083 -13.406251  -591.802744
 1.00000   -7.845518   -80.813636    -2.065495
-203.826139 -13.200689  -520.974175

 COMB DL-G1-3 ------------------- MAX
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 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.971856     419.722421       5.000266
717.967218    70.934465      6258.164
 0.25000     4.646787     434.896231       5.000266
717.960675    67.195567      5898.652
 0.50000     4.334104     451.100772       5.000266
719.921262    63.862673      5511.048
 0.75000     4.037202     468.241208       5.000266
741.020263    60.947684      5110.510
 1.00000     3.760187     486.208431       5.000266
764.268822    58.386832      4700.243

 COMB DL-G1-3 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -12.727960   -207.582396      -4.107941
-609.845113   -55.084926    -1093.792
 0.25000   -13.130796   -193.436102      -4.107941
-578.206819   -53.405554    -1000.329
 0.50000   -13.556402   -179.740089      -4.107941
-546.038608   -51.930016   -906.891390
 0.75000   -14.001802   -166.614788      -4.107941
-514.977288   -50.733543   -813.493704
 1.00000   -14.463270   -154.233566      -4.107941
-485.614629   -49.721174   -720.069753

 COMB DL-G2-1 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.404379     218.427007       1.170788
69.857161     2.014803      3373.180
 0.25000     4.035132     236.707067       1.170788
69.857161     1.917252      3252.406
 0.50000     3.680170     256.075561       1.170788
69.857161     1.857699      3097.838
 0.75000     3.343300     276.417343       1.170788
69.857161     1.854041      2909.129
 1.00000     3.029607     297.576580       1.170788
69.857161     1.939874      2686.356

 COMB DL-G2-1 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -7.224154   -165.791074      -3.615005
-546.486062   -64.008046   -442.818798
 0.25000    -7.715378   -149.332893      -3.615005
-549.525841   -60.870832   -406.418575
 0.50000    -8.229865   -133.375187      -3.615005
-552.565620   -58.061220   -370.051187
 0.75000    -8.764077   -118.077880      -3.615005
-555.605400   -55.591119   -333.722192
 1.00000    -9.312630   -103.620093      -3.615005
-558.645179   -53.292739   -297.328989
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 COMB DL-G2-2 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     6.583325     385.859606       1.943468
228.975697    10.373100      5837.237
 0.25000     6.094779     409.546889       1.943468
228.975697     9.480903      5577.307
 0.50000     5.625018     434.714309       1.943468
228.975697     8.635392      5273.544
 0.75000     5.179233     461.212056       1.943468
228.975697     7.888049      4939.956
 1.00000     4.763618     488.851060       1.943468
228.975697     7.270981      4580.202

 COMB DL-G2-2 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -12.466622   -250.412903      -4.802857
-780.394569   -83.813997   -830.327971
 0.25000   -13.100321   -228.825492      -4.802857
-774.927235   -80.015275   -761.374193
 0.50000   -13.766233   -207.903056      -4.802857
-769.459902   -76.574898   -692.461932
 0.75000   -14.459502   -187.850464      -4.802857
-763.992569   -73.524062   -623.587857
 1.00000   -15.173675   -168.903703      -4.802857
-758.525235   -70.771268   -554.661297

 COMB DL-G2-3 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     6.418809     457.540283       3.971966
534.490134    43.745962      6938.556
 0.25000     5.983939     478.642056       3.971966
534.490134    41.451161      6580.515
 0.50000     5.565792     501.059991       3.971966
534.490134    39.466965      6184.451
 0.75000     5.168992     524.660651       3.971966
534.490134    37.729073      5763.694
 1.00000     4.799053     549.275157       3.971966
534.490134    36.308639      5322.693

 COMB DL-G2-3 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -14.370514   -253.001198      -5.288725
-757.771081   -79.762093    -1098.730
 0.25000   -14.935136   -233.779128      -5.288725
-753.226302   -76.129613    -1005.535
 0.50000   -15.528390   -215.148881      -5.288725
-748.681524   -72.921748   -912.352925
 0.75000   -16.145949   -197.293044      -5.288725
-744.136746   -70.260696   -819.203814
 1.00000   -16.782054   -180.421712      -5.288725
-739.591967   -67.982339   -726.018768

 COMB       DB ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     6.027071     446.138434       4.943782
609.730220    70.077954      6340.039
 0.25000     5.364049     468.199735       4.943782
609.751980    67.512265      6025.977
 0.50000     4.716233     491.447061       4.943782
609.780416    65.736011      5692.804
 0.75000     4.081001     515.687353       4.943782
609.810504    64.512236      5348.101
 1.00000     3.503409     540.860222       4.943782
622.321923    63.949730      4993.563

 COMB       DB ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -13.288738   -283.296206      -5.424572
-668.184925   -78.944491   -871.142820
 0.25000   -13.821405   -254.301519      -5.424572
-666.667334   -76.286646   -797.001442
 0.50000   -14.377267   -225.450414      -5.424572
-666.667334   -74.581652   -722.860064
 0.75000   -14.950498   -197.134331      -5.424572
-666.667334   -73.598753   -648.734192
 1.00000   -15.538167   -171.881129      -5.424572
-666.667334   -73.099785   -574.609026
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 COMB       DL ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     6.583325     457.540283       5.000266
733.984328    73.788661      6938.556
 0.25000     6.094779     478.642056       5.000266
733.996083    70.036767      6580.515
 0.50000     5.625018     501.059991       5.000266
734.009445    66.726472      6184.451
 0.75000     5.179233     524.660651       5.000266
741.020263    63.855503      5763.694
 1.00000     4.799053     549.275157       5.000266
764.268822    61.341128      5322.693

 COMB       DL ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -14.370514   -253.001198      -5.288725
-780.394569   -83.813997    -1098.730
 0.25000   -14.935136   -233.779128      -5.288725
-774.927235   -80.015275    -1005.535
 0.50000   -15.528390   -215.148881      -5.288725
-769.459902   -76.574898   -912.352925
 0.75000   -16.145949   -197.293044      -5.288725
-763.992569   -73.524062   -819.203814
 1.00000   -16.782054   -180.421712      -5.288725
-758.525235   -70.771268   -726.018768

 COMB       CAR ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     6.583325     457.540283       5.000266
733.984328    73.788661      6938.556
 0.25000     6.094779     478.642056       5.000266
733.996083    70.036767      6580.515
 0.50000     5.625018     501.059991       5.000266
734.009445    66.726472      6184.451
 0.75000     5.179233     524.660651       5.000266
741.020263    64.512236      5763.694
 1.00000     4.799053     549.275157       5.000266
764.268822    63.949730      5322.693

 COMB       CAR ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -14.370514   -283.296206      -5.424572
-780.394569   -83.813997    -1098.730
 0.25000   -14.935136   -254.301519      -5.424572
-774.927235   -80.015275    -1005.535
 0.50000   -15.528390   -225.450414      -5.424572
-769.459902   -76.574898   -912.352925
 0.75000   -16.145949   -197.293044      -5.424572
-763.992569   -73.598753   -819.203814
 1.00000   -16.782054   -180.421712      -5.424572
-758.525235   -73.099785   -726.018768

 COMB  DESIGN ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     6.583325     457.540283       5.000266
733.984328    73.788661      6938.556
 0.25000     6.094779     478.642056       5.000266
733.996083    70.036767      6580.515
 0.50000     5.625018     501.059991       5.000266
734.009445    66.726472      6184.451
 0.75000     5.179233     524.660651       5.000266
741.020263    64.512236      5763.694
 1.00000     4.799053     549.275157       5.000266
764.268822    63.949730      5322.693

 COMB  DESIGN ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -14.370514   -283.296206      -5.424572
-780.394569   -83.813997    -1098.730
 0.25000   -14.935136   -254.301519      -5.424572
-774.927235   -80.015275    -1005.535
 0.50000   -15.528390   -225.450414      -5.424572
-769.459902   -76.574898   -912.352925
 0.75000   -16.145949   -197.293044      -5.424572
-763.992569   -73.598753   -819.203814
 1.00000   -16.782054   -180.421712      -5.424572
-758.525235   -73.099785   -726.018768
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 ELEM       65 ================== LENGTH =
 4.993930

 COMB DB-G1-1 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     0.460740     111.805968       5.940188
448.898606    46.976939      1032.257
 0.25000     0.451446     112.105416       5.940188
449.439459    40.054307     895.390749
 0.50000     0.443588     112.424292       5.940188
450.082767    33.431311     758.108555
 0.75000     0.435683     112.760407       5.940188
450.987400    27.031823     620.975503
 1.00000     0.427828     113.134367       5.940188
452.044583    21.182444     483.687154

 COMB DB-G1-1 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -3.074211    -25.036874      -0.159504
-45.537332    -5.105414   -215.531315
 0.25000    -3.081497    -24.651835      -0.159504
-44.130760    -5.482272   -186.413944
 0.50000    -3.089192    -24.313253      -0.159504
-43.112725    -5.987673   -157.296573
 0.75000    -3.097232    -23.969077      -0.159504
-42.128494    -6.715020   -128.179202
 1.00000    -3.106131    -23.622863      -0.159504
-41.137486    -7.789102    -99.061831

 COMB DB-G1-2 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     1.017947     264.248104       7.394121
666.282663    59.267189      2480.955
 0.25000     1.017602     264.259197       7.394121
666.302720    50.689364      2155.050
 0.50000     1.017311     264.271010       7.394121
666.326763    42.458947      1835.616
 0.75000     1.017018     264.283461       7.394121
666.360304    34.494043      1527.929
 1.00000     1.016727     264.297316       7.394121
666.399504    27.145853      1260.377

 COMB DB-G1-2 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -7.303103    -44.267435      -0.750212
-222.030253   -11.287657   -413.466561
 0.25000    -7.303373    -44.253170      -0.750212
-221.978041   -11.365470   -358.292615
 0.50000    -7.303658    -44.240627      -0.750212
-221.940346   -11.609705   -303.118670
 0.75000    -7.303956    -44.227877      -0.750212
-221.903858   -12.182363   -247.944724
 1.00000    -7.304286    -44.215052      -0.750212
-221.867118   -13.192281   -192.770779

 COMB DB-G1-3 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.729436     458.943318       6.928372
642.868413    56.167394      4296.212
 0.25000     3.208804     476.356523       6.928372
642.868413    48.325595      3853.720
 0.50000     2.752413     494.935740       6.928372
642.868413    40.923228      3383.059
 0.75000     2.293193     514.559293       6.928372
643.945645    33.936165      2885.425
 1.00000     1.836620     535.818508       6.928372
671.082458    27.666305      2387.316

 COMB DB-G1-3 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -12.771732   -159.646522      -4.638695
-591.509863   -45.417916   -565.900642
 0.25000   -13.194501   -137.689544      -4.638695
-550.948668   -42.201964   -491.491313
 0.50000   -13.641808   -117.966729      -4.638695
-520.022317   -38.633697   -417.081985
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 REL DIST              P              V2              V3
    T          M2             M3
 0.75000   -14.109958    -97.903806      -4.638695
-486.361000   -35.222099   -342.672657
 1.00000   -14.613110    -77.698382      -4.638695
-474.315146   -32.480707   -268.263329

 COMB DB-G2-1 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.266409     280.314627       0.109680
51.684895     2.535182      2652.992
 0.25000     2.678750     301.112038       0.109680
51.684895     2.936925      2463.538
 0.50000     2.134651     323.363971       0.109680
51.684895     3.471112      2233.213
 0.75000     1.587008     346.936345       0.109680
51.684895     4.225740      1957.027
 1.00000     1.150443     371.486535       0.109680
51.684895     5.344941      1630.369

 COMB DB-G2-1 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -7.933426   -144.760152      -6.247019
-505.246994   -51.638109   -234.546422
 0.25000    -8.436876   -119.289486      -6.247019
-505.246994   -44.319956   -204.831684
 0.50000    -8.970774    -95.675157      -6.247019
-505.246994   -37.138076   -175.116945
 0.75000    -9.530847    -71.629155      -6.247019
-505.246994   -30.108402   -145.402207
 1.00000   -10.107171    -47.371588      -6.247019
-505.246994   -23.452066   -115.693649

 COMB DB-G2-2 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.742701     471.159916       0.562536
183.619168    7.694648      4441.173
 0.25000     3.957875     498.357898       0.562536
183.619168    7.481437      4061.555
 0.50000     3.245900     527.430219       0.562536
183.619168    7.434680      3633.714
 0.75000     2.529287     558.192247       0.562536
183.619168    7.651058      3157.164
 1.00000     1.870474     590.701513       0.562536
183.619168    8.264072      2653.414

 COMB DB-G2-2 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -13.228068   -202.252877      -8.011422
-740.495708   -67.578278   -435.929412
 0.25000   -13.887157   -168.579291      -8.011422
-740.495708   -59.247507   -380.054229
 0.50000   -14.585559   -137.724939      -8.011422
-740.495708   -50.669549   -324.179046
 0.75000   -15.317507   -106.318031      -8.011422
-740.495708   -42.275051   -268.303863
 1.00000   -16.082992    -74.654313      -8.011422
-740.495708   -34.510957   -212.432937

 COMB DB-G2-3 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.649201     528.802747       4.082984
474.298479    35.186980      4993.473
 0.25000     3.953020     552.952960       4.082984
474.298479    30.959187      4519.992
 0.50000     3.320846     578.768664       4.082984
474.298479    27.051080      4004.845
 0.75000     2.684553     606.086316       4.082984
474.298479    23.521837      3449.122
 1.00000     2.103313     634.935383       4.082984
474.298479    20.664934      2875.231

 COMB DB-G2-3 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -14.819243   -199.704981      -7.411133
-715.794458   -63.828075   -574.517122
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 REL DIST              P              V2              V3
    T          M2             M3
 0.25000   -15.404445   -169.820381      -7.411133
-715.794458   -56.650130   -499.833294
 0.50000   -16.024577   -142.422352      -7.411133
-715.794458   -49.353045   -425.149467
 0.75000   -16.674525   -114.533175      -7.411133
-715.794458   -42.367111   -350.465639
 1.00000   -17.353727    -86.415115      -7.411133
-715.794458   -36.209376   -275.785755

 COMB DL-G1-1 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     0.592699     151.437709       6.030042
590.104376    44.831368      1283.895
 0.25000     0.586540     151.744849       6.030042
590.639498    37.866072      1111.959
 0.50000     0.580620     152.075689       6.030042
591.248062    31.046791     939.713320
 0.75000     0.575007     152.427637       6.030042
591.921952    24.515091     767.070422
 1.00000     0.569797     152.798442       6.030042
592.652632    18.555709     593.977117

 COMB DL-G1-1 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -4.044776    -33.480379      -0.219730
-53.920925    -5.731988   -273.551001
 0.25000    -4.052679    -33.224253      -0.219730
-53.043151    -5.984872   -236.835087
 0.50000    -4.061114    -32.976353      -0.219730
-52.190270    -6.404869   -200.119457
 0.75000    -4.070011    -32.740252      -0.219730
-51.374226    -7.092880   -163.412632
 1.00000    -4.079309    -32.518758      -0.219730
-50.605069    -8.233314   -126.695556

 COMB DL-G1-2 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     1.560671     333.419484       7.669917
831.589205    57.648233      2912.357
 0.25000     1.560528     333.426637       7.669917
831.601925    48.800692      2540.148
 0.50000     1.560389     333.434343       7.669917
831.616375    40.317957      2169.763
 0.75000     1.560258     333.442542       7.669917
831.632346    32.292626      1802.992
 1.00000     1.560137     333.451181       7.669917
831.649660    25.337917      1458.342

 COMB DL-G1-2 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -9.237794    -70.303666      -0.888830
-187.617100   -13.767583   -521.091084
 0.25000    -9.237978    -70.297688      -0.888830
-187.596407   -13.491183   -451.504972
 0.50000    -9.238174    -70.291904      -0.888830
-187.576307   -13.485575   -381.918864
 0.75000    -9.238381    -70.286395      -0.888830
-187.557081   -13.849785   -312.332759
 1.00000    -9.238598    -70.281228      -0.888830
-187.538959   -14.783382   -242.746668

 COMB DL-G1-3 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.282917     514.853700       7.186445
800.415121    55.430233      4701.175
 0.25000     3.955666     532.100417       7.186445
800.417303    47.271383      4193.067
 0.50000     3.640027     550.618100       7.186445
800.544968    39.593480      3656.822
 0.75000     3.340871     570.275069       7.186445
819.855813    32.430913      3092.943
 1.00000     3.062143     590.944903       7.186445
846.339787    26.499532      2519.351
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 COMB DL-G1-3 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000   -14.712462   -169.580179      -4.783290
-648.492152   -45.105394   -720.136379
 0.25000   -15.158519   -155.813207      -4.783290
-613.821363   -40.716720   -626.516915
 0.50000   -15.632936   -142.446557      -4.783290
-577.929904   -36.621502   -532.866447
 0.75000   -16.131914   -129.682232      -4.783290
-542.962641   -33.028236   -439.254526
 1.00000   -16.651915   -117.668054      -4.783290
-509.982742   -30.202547   -345.638148

 COMB DL-G2-1 ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.474895     271.266215       0.135056
67.075418     2.673213      2684.645
 0.25000     3.107420     292.344357       0.135056
67.075418     2.946064      2462.488
 0.50000     2.751543     314.870519       0.135056
67.075418     3.377070      2204.388
 0.75000     2.412515     338.708791       0.135056
67.075418     4.063449      1908.803
 1.00000     2.096066     363.697996       0.135056
67.075418     5.185747      1574.833

 COMB DL-G2-1 ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -8.179455   -126.573866      -6.393338
-656.703953   -49.330422   -297.179070
 0.25000    -8.728721   -110.828314      -6.393338
-659.743653   -41.129943   -259.495352
 0.50000    -9.309665    -95.458485      -6.393338
-662.783353   -33.715261   -221.866843
 0.75000    -9.918305    -80.721139      -6.393338
-665.823053   -26.523051   -184.230338
 1.00000   -10.550115    -66.778031      -6.393338
-668.862770   -19.911486   -146.587244

 COMB DL-G2-2 ------------------- MAX

 REL DIST              P              V2              V3
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```
     T          M2          M3
 0.00000    5.279833  477.544853    0.755004
209.649493   8.576953    4578.333
 0.25000    4.791595  504.722065    0.755004
209.649493   8.211444    4154.249
 0.50000    4.319503  533.813791    0.755004
209.649493   8.038539    3685.341
 0.75000    3.870556  564.632980    0.755004
209.649493   8.179227    3171.384
 1.00000    3.451647  596.974775    0.755004
209.649493   9.238985    2629.089

  COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -14.177974 -192.919203   -8.139018
-894.503164  -65.471296 -554.474286
 0.25000   -14.884363 -172.137605   -8.139018
-889.035973  -56.118482 -483.758904
 0.50000   -15.632923 -151.890873   -8.139018
-883.568782  -47.093985 -413.114214
 0.75000   -16.418251 -132.505681   -8.139018
-878.101591  -38.489545 -342.464735
 1.00000   -17.234515 -114.199624   -8.139018
-872.634370  -30.478751 -271.822152

  COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    5.296545  566.609007    4.372051
571.064247  35.124467    5322.115
 0.25000    4.862017  590.824404    4.372051
571.064247  30.554507    4784.225
 0.50000    4.441834  616.744098    4.372051
571.064247  26.318587    4206.862
 0.75000    4.042232  644.201756    4.372051
571.064247  22.774918    3589.766
 1.00000    3.669349  673.014743    4.372051
571.064247  20.400809    2950.081
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  COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -16.526477 -200.054176   -7.646962
-860.133146  -63.059861 -725.915174
 0.25000   -17.155822 -181.554037   -7.646962
-855.588486  -54.789377 -631.808120
 0.50000   -17.822953 -163.528720   -7.646962
-851.043826  -46.963551 -537.764096
 0.75000   -18.522729 -146.269451   -7.646962
-846.499166  -39.677454 -443.711181
 1.00000   -19.249926 -129.969797   -7.646962
-841.954481  -33.211363 -349.673527

  COMB       DB ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    4.742701  528.802747    7.394121
666.282663  59.267189    4993.473
 0.25000    3.957875  552.952960    7.394121
666.302720  50.689364    4519.992
 0.50000    3.320846  578.768664    7.394121
666.326763  42.458947    4004.845
 0.75000    2.684553  606.086316    7.394121
666.360304  34.494043    3449.122
 1.00000    2.103313  634.935383    7.394121
671.082458  27.666305    2875.231

  COMB       DB ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -14.819243 -202.252877   -8.011422
-740.495708  -67.578278 -574.517122
 0.25000   -15.404445 -169.820381   -8.011422
-740.495708  -59.247507 -499.833294
 0.50000   -16.024577 -142.422352   -8.011422
-740.495708  -50.669549 -425.149467
 0.75000   -16.674525 -114.533175   -8.011422
-740.495708  -42.367111 -350.465639
 1.00000   -17.353727  -86.415115   -8.011422
-740.495708  -36.209376 -275.785755

  COMB       DL ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    5.296545  566.609007    7.669917
831.589205  57.648233    5322.115
 0.25000    4.862017  590.824404    7.669917
831.601925  48.800692    4784.225
 0.50000    4.441834  616.744098    7.669917
831.616375  40.317957    4206.862
 0.75000    4.042232  644.201756    7.669917
831.632346  32.430913    3589.766
 1.00000    3.669349  673.014743    7.669917
846.339787  26.499532    2950.081

  COMB       DL ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -16.526477 -200.054176   -8.139018
-894.503164  -65.471296 -725.915174
 0.25000   -17.155822 -181.554037   -8.139018
-889.035973  -56.118482 -631.808120
 0.50000   -17.822953 -163.528720   -8.139018
-883.568782  -47.093985 -537.764096
 0.75000   -18.522729 -146.269451   -8.139018
-878.101591  -39.677454 -443.711181
 1.00000   -19.249926 -129.969797   -8.139018
-872.634370  -33.211363 -349.673527

  COMB       CAR ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    5.296545  566.609007    7.669917
831.589205  59.267189    5322.115
 0.25000    4.862017  590.824404    7.669917
831.601925  50.689364    4784.225
 0.50000    4.441834  616.744098    7.669917
831.616375  42.458947    4206.862
 0.75000    4.042232  644.201756    7.669917
831.632346  34.494043    3589.766
 1.00000    3.669349  673.014743    7.669917
846.339787  27.666305    2950.081
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  COMB       CAR ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -16.526477 -202.252877   -8.139018
-894.503164  -67.578278 -725.915174
 0.25000   -17.155822 -181.554037   -8.139018
-889.035973  -59.247507 -631.808120
 0.50000   -17.822953 -163.528720   -8.139018
-883.568782  -50.669549 -537.764096
 0.75000   -18.522729 -146.269451   -8.139018
-878.101591  -42.367111 -443.711181
 1.00000   -19.249926 -129.969797   -8.139018
-872.634370  -36.209376 -349.673527

  ELEM       66 ========== LENGTH =
4.494779

  COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    0.494015  108.058952    6.586330
426.595591  20.434356  484.937723
 0.25000    0.485127  108.379890    6.586330
427.172177  13.139330  364.592862
 0.50000    0.480343  108.721438    6.586330
428.092763   6.021263  243.572922
 0.75000    0.477547  109.080979    6.586330
429.080710   0.807949  121.805498
 1.00000    0.477547  109.467294    6.586330
430.163735   0.469409    0.027840

  COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -2.842496  -22.782678   -0.193820
-37.204769   -6.321685  -99.124449
 0.25000   -2.850345  -22.444236   -0.193820
-35.455970   -6.622081  -74.339169
 0.50000   -2.858663  -22.247163   -0.193820
-34.705883   -7.165779  -49.553889
 0.75000   -2.867380  -22.056951   -0.193820
-33.896382   -8.263027  -24.768609
 1.00000   -2.876712  -22.056899   -0.193820
-33.009140  -11.314610   -0.771205

  COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    1.031842  281.010662    8.361328
624.426162  26.213616    1261.960
 0.25000    1.031513  281.022551    8.361328
624.447539  16.920029  946.230182
 0.50000    1.031335  281.035203    8.361328
624.481828   8.818381  630.474994
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 REL DIST          P          V2          V3
     T          M2          M3
 0.75000    1.031231  281.048522    8.361328
624.518450   3.333536  314.692116
 1.00000    1.031231  281.062833    8.361328
624.558599   3.275907    0.225890

  COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -7.352267  -42.931497   -0.857747
-143.109021  -11.996165 -192.834484
 0.25000   -7.352558  -42.918951   -0.857747
-143.043928  -11.989371 -144.622822
 0.50000   -7.352866  -42.911649   -0.857747
-143.016119  -12.301024  -96.411160
 0.75000   -7.353189  -42.904590   -0.857747
-142.986109  -13.275039  -48.199498
 1.00000   -7.353535  -42.904588   -0.857747
-142.953216  -16.607777   -1.126836

  COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    2.304419  531.530600    7.879979
598.169945  27.064215    2388.251
 0.25000    1.881505  550.332073    7.879979
598.171444  18.734139    1854.283
 0.50000    1.624173  570.346759    7.879979
618.336538  11.712166    1280.780
 0.75000    1.624173  591.434354    7.879979
648.969185   7.313223  663.496116
 1.00000    1.624173  613.800467    7.879979
680.471726   8.797445    0.617898

  COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -13.910778  -93.661131   -5.251351
-458.184670  -27.976749 -268.272067
 0.25000   -14.370305  -77.080916   -5.251351
-426.006878  -23.378298 -201.204044
 0.50000   -14.857363  -66.081607   -5.251351
-390.312492  -19.342085 -134.136021
 0.75000   -15.368093  -59.685269   -5.251351
-388.446916  -16.738882  -67.067998
 1.00000   -15.907333  -59.683038   -5.251351
-388.446916  -18.018653   -1.221514

  COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    1.238459  362.392253    0.144007
43.417358   5.113260    1629.460
 0.25000    0.903336  385.086416    0.144007
43.417358   5.527688    1298.676
 0.50000    0.903336  409.254108    0.144007
43.417358   6.201460  920.204180
 0.75000    0.903336  434.750263    0.144007
43.417358   7.495700  488.903737
 1.00000    0.903336  461.289651    0.144007
43.417358  10.973216    0.769377

  COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -9.527820  -52.145993   -6.864634
-473.083410  -21.908895 -115.621549
 0.25000  -10.082004  -37.678220   -6.864634
-473.083410  -13.867245  -86.718794
 0.50000  -10.669440  -25.721180   -6.864634
-473.083410   -6.422399  -57.816039
 0.75000  -11.286030  -25.721180   -6.864634
-473.083410   -0.640015  -28.913284
 1.00000  -11.924048  -25.719151   -6.864634
-473.083410   -0.491493   -0.022622

  COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    2.196247  590.050619    0.759692
161.291715   8.389622    2652.502
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 REL DIST          P          V2          V3
     T          M2          M3
 0.25000    1.670816  619.616253    0.759692
161.291715   8.171399    2089.064
 0.50000    1.532953  651.099392    0.759692
161.291715   9.143161    1463.460
 0.75000    1.532953  684.294497    0.759692
161.291715  10.904031  769.014794
 1.00000    1.532953  719.093594    0.759692
161.291715  15.031351    1.060124

  COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -15.456168  -88.464890   -8.881481
-640.190337  -32.079636 -212.336768
 0.25000   -16.178376  -67.029835   -8.881481
-640.190337  -22.489666 -159.257777
 0.50000   -16.943946  -50.512215   -8.881481
-640.190337  -13.248457 -106.178786
 0.75000   -17.747149  -47.236130   -8.881481
-640.190337   -5.510771  -53.099796
 1.00000   -18.584608  -47.233537   -8.881481
-640.190337   -4.125237   -0.277833

  COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    2.397477  639.723315    4.818006
434.274905  19.875845    2875.221
 0.25000    1.934181  665.980687    4.818006
434.274905  15.119344    2244.820
 0.50000    1.818126  693.941099    4.818006
434.274905  11.774817    1559.211
 0.75000    1.818126  723.422719    4.818006
434.274905  10.716339  812.465248
 1.00000    1.818126  754.318342    4.818006
434.274905  14.612174    1.031787

  COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -16.770670  -97.666045   -8.156009
-617.288841  -32.990579 -275.733267
 0.25000   -17.412057  -78.740490   -8.156009
-617.288841  -24.647173 -206.802949
 0.50000   -18.091951  -64.089825   -8.156009
-617.288841  -16.731724 -137.872631
 0.75000   -18.805283  -61.342565   -8.156009
-617.288841  -10.523618  -68.942313
 1.00000   -19.548765  -61.340260   -8.156009
-617.288841  -11.355229   -0.768194

  COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    0.667131  144.771154    6.298417
559.931446  18.343754  595.486531
 0.25000    0.661593  145.107074    6.298417
560.524617  11.814401  447.166575
 0.50000    0.656261  145.466224    6.298417
561.196420   5.669641  298.341296
 0.75000    0.651198  145.846662    6.298417
561.940699   1.103581  148.990161
 1.00000    0.647815  146.246715    6.298417
562.752460   0.607708   0.031707

  COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -3.752460  -31.073779   -0.298488
-44.545495   -6.765791 -126.769773
 0.25000   -3.760898  -30.848305   -0.298488
-43.712334   -7.104253  -95.073416
 0.50000   -3.769882  -30.630693   -0.298488
-42.895920   -7.878767  -63.378419
 0.75000   -3.779363  -30.423089   -0.298488
-42.105781   -9.929341  -31.682749
 1.00000   -3.789284  -30.268920   -0.298488
-41.348968  -14.612886   -0.907601
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  COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    1.403466  358.425180    8.230054
776.867863  24.352806    1460.257
 0.25000    1.403337  358.432999    8.230054
776.881888  16.459567    1094.900
 0.50000    1.403212  358.441359    8.230054
776.897752   9.077900  729.532068
 0.75000    1.403094  358.450217    8.230054
776.915327   3.716472  364.152220
 1.00000    1.403013  358.459534    8.230054
776.934488   3.212675    0.182639

  COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -9.425322  -58.898911   -1.044020
-140.907059  -13.130439 -242.826649
 0.25000   -9.425518  -58.893642   -1.044020
-140.887422  -12.995973 -182.105587
 0.50000   -9.425728  -58.888561   -1.044020
-140.868174  -13.443351 -121.398362
 0.75000   -9.425948  -58.883705   -1.044020
-140.849556  -15.463947  -60.691128
 1.00000   -9.426179  -58.880049   -1.044020
-140.831725  -20.686129   -1.293156

  COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    3.120411  606.822325    7.805690
741.769116  25.864197    2520.270
 0.25000    2.833368  625.932048    7.805690
748.307038  18.777534    1933.066
 0.50000    2.556891  646.267018    7.805690
774.892511  12.392353    1317.778
 0.75000    2.294905  667.744670    7.805690
804.901415   8.175496  673.349491
 1.00000    2.212083  690.247593    7.805690
837.966371   9.672559   0.601496

  COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.142828 -121.288996   -5.174128
-544.123151  -26.182601 -345.729479
 0.25000  -16.624080 -109.523519   -5.174128
-508.857429  -21.939460 -259.303596
 0.50000  -17.134136  -98.150809   -5.174128
-474.071195  -18.519028 -172.896571
 0.75000  -17.670287  -87.321271   -5.174128
-450.353723  -17.762827  -86.500020
 1.00000  -18.229345  -81.855908   -5.174128
-444.169667  -21.718469   -1.340725

  COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    2.044245  368.909010    0.183008
56.601280   5.172154    1573.415
 0.25000    1.735554  392.686920    0.183008
56.601280   5.662857    1231.971
 0.50000    1.438352  417.844343    0.183008
56.601280   6.585891  856.791823
 0.75000    1.251656  444.276998    0.183008
56.601280   8.922245  446.640043
 1.00000    1.241590  471.838550    0.183008
56.330405  14.243699   0.915498

  COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -9.986565  -73.668775   -6.618496
-622.284293  -19.362070 -146.496002
 0.25000  -10.587646  -60.855725   -6.618496
-625.020169  -12.354219 -109.888389
 0.50000  -11.220460  -48.468131   -6.618496
-627.756064   -5.772590  -73.297097
 0.75000  -11.882123  -36.667831   -6.618496
-630.491959   -1.034790  -36.655825
 1.00000  -12.568807  -35.514703   -6.618496
-632.956978   -0.609783   -0.028321
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  COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    3.275369  625.479754    1.018366
177.789388   8.949544    2627.581
 0.25000    2.858275  655.951472    1.018366
177.789388   9.258127    2037.958
 0.50000    2.456762  688.253696    1.018366
177.789388  10.058058    1404.555
 0.75000    2.121806  722.257679    1.018366
177.793073  12.248873  725.776732
 1.00000    2.103811  757.768909    1.018366
195.341624  17.911796    1.132751

  COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.840109 -118.795745   -8.537906
-809.674735  -28.916290 -271.725674
 0.25000  -17.609473 -101.573142   -8.537906
-804.754000  -20.263857 -203.790680
 0.50000  -18.421346  -84.939442   -8.537906
-799.833232  -12.079544 -135.932159
 0.75000  -19.271742  -69.086703   -8.537906
-794.916150   -5.593800  -68.001313
 1.00000  -20.155420  -65.139505   -8.537906
-791.605857   -4.534368   -0.292305

  COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    3.519242  705.726129    4.932959
521.099713  19.565725    2949.690
 0.25000    3.148250  732.883674    4.932959
521.099713  15.756726    2272.050
 0.50000    2.791115  761.671152    4.932959
521.099713  12.680334    1555.409
 0.75000    2.495965  791.971280    4.932959
521.099713  12.369430  798.349111
 1.00000    2.480110  823.613473    4.932959
534.511421  17.260089   1.080465

  COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -18.903346 -131.814572   -8.006614
-777.195393  -30.673207 -349.629522
 0.25000  -19.589064 -116.492142   -8.006614
-773.104981  -23.088681 -262.214819
 0.50000  -20.312606 -101.694303   -8.006614
-769.014541  -16.234034 -174.869808
 0.75000  -21.070277  -87.592299   -8.006614
-764.924101  -11.743317  -87.460173
 1.00000  -21.857854  -84.160957   -8.006614
-762.091968  -13.625701   -0.855514

  COMB       DB ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
```

0.00000	2.397477	639.723315	8.361328
624.426162	27.064215	2875.221	
0.25000	1.934181	665.980687	8.361328
624.447539	18.734139	2244.820	
0.50000	1.818126	693.941099	8.361328
624.481828	11.774817	1559.211	
0.75000	1.818126	723.422719	8.361328
648.969185	10.904031	812.465248	
1.00000	1.818126	754.318342	8.361328
680.471726	15.031351	1.060124	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.770670	-97.666045	-8.881481
-640.190337	-32.990579	-275.733267	
0.25000	-17.412057	-78.740490	-8.881481
-640.190337	-24.647173	-206.802949	
0.50000	-18.091951	-66.081607	-8.881481
-640.190337	-19.342085	-137.872631	
0.75000	-18.805283	-61.342565	-8.881481
-640.190337	-16.738882	-68.942313	
1.00000	-19.548765	-61.340260	-8.881481
-640.190337	-18.018653	-1.221514	

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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.519242	705.726129	8.230054
776.867863	25.864197	2949.690	
0.25000	3.148250	732.883674	8.230054
776.881888	18.777534	2272.050	
0.50000	2.791115	761.671152	8.230054
776.897752	12.680334	1555.409	
0.75000	2.495965	791.971280	8.230054
804.901415	12.369430	798.349111	
1.00000	2.480110	823.613473	8.230054
837.966371	17.911796	1.132751	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.903346	-131.814572	-8.537906
-809.674735	-30.673207	-349.629522	
0.25000	-19.589064	-116.492142	-8.537906
-804.754000	-23.088681	-262.214819	
0.50000	-20.312606	-101.694303	-8.537906
-799.833232	-18.519028	-174.869808	
0.75000	-21.070277	-87.592299	-8.537906
-794.916150	-17.762827	-87.460173	
1.00000	-21.857854	-84.160957	-8.537906
-791.605857	-21.718469	-1.340725	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.519242	705.726129	8.361328
776.867863	27.064215	2949.690	
0.25000	3.148250	732.883674	8.361328
776.881888	18.777534	2272.050	
0.50000	2.791115	761.671152	8.361328
776.897752	12.680334	1559.211	
0.75000	2.495965	791.971280	8.361328
804.901415	12.369430	812.465248	
1.00000	2.480110	823.613473	8.361328
837.966371	17.911796	1.132751	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.903346	-131.814572	-8.881481
-809.674735	-32.990579	-349.629522	
0.25000	-19.589064	-116.492142	-8.881481
-804.754000	-24.647173	-262.214819	
0.50000	-20.312606	-101.694303	-8.881481
-799.833232	-19.342085	-174.869808	
0.75000	-21.070277	-87.592299	-8.881481
-794.916150	-17.762827	-87.460173	
1.00000	-21.857854	-84.160957	-8.881481
-791.605857	-21.718469	-1.340725	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.519242	705.726129	8.361328
776.867863	27.064215	2949.690	
0.25000	3.148250	732.883674	8.361328
776.881888	18.777534	2272.050	
0.50000	2.791115	761.671152	8.361328
776.897752	12.680334	1559.211	
0.75000	2.495965	791.971280	8.361328
804.901415	12.369430	812.465248	
1.00000	2.480110	823.613473	8.361328
837.966371	17.911796	1.132751	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.903346	-131.814572	-8.881481
-809.674735	-32.990579	-349.629522	
0.25000	-19.589064	-116.492142	-8.881481
-804.754000	-24.647173	-262.214819	
0.50000	-20.312606	-101.694303	-8.881481
-799.833232	-19.342085	-174.869808	
0.75000	-21.070277	-87.592299	-8.881481
-794.916150	-17.762827	-87.460173	
1.00000	-21.857854	-84.160957	-8.881481
-791.605857	-21.718469	-1.340725	

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ELEM 67 ========== LENGTH = 4.004997

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.435583	8.374328	0.241307
0.004905	0.516806	23.704018	
0.48408	0.435583	8.374328	0.241307
0.004905	0.350614	17.972537	
0.65606	0.435583	8.374328	0.241307
0.004905	0.184493	12.318818	
0.82803	0.435583	8.374328	0.241307
0.004905	0.018635	6.909417	
1.00000	0.435583	8.374328	0.241307
0.004905	0.119733	2.556387	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-11.580570	-108.702239	-0.191407
-7.95E-05	-0.407549	-303.121446	
0.48408	-11.580570	-108.702239	-0.191407
-7.95E-05	-0.275718	-228.549622	
0.65606	-11.580570	-108.702239	-0.191407
-7.95E-05	-0.143890	-154.132239	
0.82803	-11.580570	-108.702239	-0.191407
-7.95E-05	-0.012035	-79.770464	
1.00000	-11.580570	-108.702239	-0.191407
-7.95E-05	-0.148388	-15.336013	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.888671	15.209190	0.422685
0.014318	0.902566	153.255099	
0.48408	0.888671	15.209190	0.422685
0.014318	0.611449	150.808310	
0.65606	0.888671	15.209190	0.422685
0.014318	0.320353	185.356235	
0.82803	0.888671	15.209190	0.422685
0.014318	0.030238	233.357061	
1.00000	0.888671	15.209190	0.422685
0.014318	0.163757	294.994278	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-17.894392	-202.102567	-0.261491
-0.039090	-0.556556	-348.664201	
0.48408	-17.894392	-202.102567	-0.261491
-0.039090	-0.376451	-247.380247	
0.65606	-17.894392	-202.102567	-0.261491
-0.039090	-0.207079	-160.853797	
0.82803	-17.894392	-202.102567	-0.261491
-0.039090	-0.077201	-74.626747	
1.00000	-17.894392	-202.102567	-0.261491
-0.039090	-0.307279	-0.152491	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	8.083186	82.102316	0.538135
0.014247	1.146467	364.409420	
0.48408	8.083186	82.102316	0.538135
0.014247	0.775838	316.763143	
0.65606	8.083186	82.102316	0.538135
0.014247	0.405260	307.345001	
0.82803	8.083186	82.102316	0.538135
0.014247	0.037919	314.915501	
1.00000	8.083186	82.102316	0.538135
0.014247	0.202704	367.771305	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-17.599189	-207.919358	-0.323302
-0.043506	-0.687863	-331.064453	
0.48408	-17.599189	-207.919358	-0.323302
-0.043506	-0.465185	-234.228506	
0.65606	-17.599189	-207.919358	-0.323302
-0.043506	-0.253424	-152.433165	

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REL DIST	P	V2	V3
T	M2	M3	
0.82803	-17.599189	-207.919358	-0.323302
-0.043506	-0.082006	-70.933346	
1.00000	-17.599189	-207.919358	-0.323302
-0.043506	-0.382380	-0.186056	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	12.204332	116.306345	0.187107
0.000383	0.398828	316.153162	
0.48408	12.204332	116.306345	0.187107
0.000383	0.269959	236.067086	
0.65606	12.204332	116.306345	0.187107
0.000383	0.141186	156.097233	
0.82803	12.204332	116.306345	0.187107
0.000383	0.019140	76.138735	
1.00000	12.204332	116.306345	0.187107
0.000383	0.088995	2.542092	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.606700	-10.650636	-0.141519
-0.005396	-0.300850	-28.715472	
0.48408	-0.606700	-10.650636	-0.141519
-0.005396	-0.203379	-21.436541	
0.65606	-0.606700	-10.650636	-0.141519
-0.005396	-0.105871	-14.192885	
0.82803	-0.606700	-10.650636	-0.141519
-0.005396	-0.008347	-7.049136	
1.00000	-0.606700	-10.650636	-0.141519
-0.005396	-0.117031	-16.413748	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	14.679790	141.131825	0.359604
0.009040	0.764676	502.507004	
0.48408	14.679790	141.131825	0.359604
0.009040	0.517086	411.758331	
0.65606	14.679790	141.131825	0.359604
0.009040	0.269497	358.002534	
0.82803	14.679790	141.131825	0.359604
0.009040	0.029382	317.793179	
1.00000	14.679790	141.131825	0.359604
0.009040	0.124608	293.780199	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-4.997938	-88.802311	-0.198181
-0.045466	-0.421169	-48.280017	
0.48408	-4.997938	-88.802311	-0.198181
-0.045466	-0.284669	-24.977286	
0.65606	-4.997938	-88.802311	-0.198181
-0.045466	-0.158916	-16.336111	
0.82803	-4.997938	-88.802311	-0.198181
-0.045466	-0.072367	-7.842085	
1.00000	-4.997938	-88.802311	-0.198181
-0.045466	-0.271196	-0.071512	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	13.898691	144.241695	0.512706
0.011997	1.091429	560.087212	
0.48408	13.898691	144.241695	0.512706
0.011997	0.738380	471.976107	
0.65606	13.898691	144.241695	0.512706
0.011997	0.385376	421.672553	
0.82803	13.898691	144.241695	0.512706
0.011997	0.039406	386.985311	
1.00000	13.898691	144.241695	0.512706
0.011997	0.190893	367.238793	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-11.814993	-151.075359	-0.304170
-0.045636	-0.646886	-189.096431	

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REL DIST	P	V2	V3
T	M2	M3	
0.48408	-11.814993	-151.075359	-0.304170
-0.045636	-0.437382	-124.233558	
0.65606	-11.814993	-151.075359	-0.304170
-0.045636	-0.238853	-74.783715	
0.82803	-11.814993	-151.075359	-0.304170
-0.045636	-0.080650	-27.106439	
1.00000	-11.814993	-151.075359	-0.304170
-0.045636	-0.367526	-0.063905	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.523295	10.388780	0.515967
0.006112	1.100155	29.503537	
0.48408	0.523295	10.388780	0.515967
0.006112	0.744760	22.419785	
0.65606	0.523295	10.388780	0.515967
0.006112	0.389252	15.373240	
0.82803	0.523295	10.388780	0.515967
0.006112	0.033131	8.433326	
1.00000	0.523295	10.388780	0.515967
0.006112	0.169892	2.547575	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-13.040172	-142.942877	-0.272260
-8.19E-05	-0.579970	-400.665320	
0.48408	-13.040172	-142.942877	-0.272260
-8.19E-05	-0.392413	-302.403554	
0.65606	-13.040172	-142.942877	-0.272260
-8.19E-05	-0.204823	-204.341050	
0.82803	-13.040172	-142.942877	-0.272260
-8.19E-05	-0.016373	-106.285044	
1.00000	-13.040172	-142.942877	-0.272260
-8.19E-05	-0.321005	-13.630868	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	1.343892	20.424097	0.824349
0.014737	1.743920	180.236398	
0.48408	1.343892	20.424097	0.824349
0.014737	1.176696	174.591485	
0.65606	1.343892	20.424097	0.824349
0.014737	0.612640	189.882086	
0.82803	1.343892	20.424097	0.824349
0.014737	0.050633	227.957808	
1.00000	1.343892	20.424097	0.824349
0.014737	0.229777	279.263710	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-19.018422	-232.585863	-0.367833
-0.038140	-0.790428	-440.111687	
0.48408	-19.018422	-232.585863	-0.367833
-0.038140	-0.538797	-315.628619	
0.65606	-19.018422	-232.585863	-0.367833
-0.038140	-0.302050	-204.265691	
0.82803	-19.018422	-232.585863	-0.367833
-0.038140	-0.084151	-93.485269	
1.00000	-19.018422	-232.585863	-0.367833
-0.038140	-0.571357	-0.151520	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	9.384821	104.807160	1.000367
0.014386	2.117923	453.947885	
0.48408	9.384821	104.807160	1.000367
0.014386	1.429538	391.302414	
0.65606	9.384821	104.807160	1.000367
0.014386	0.744293	350.186351	
0.82803	9.384821	104.807160	1.000367
0.014386	0.061909	332.852481	
1.00000	9.384821	104.807160	1.000367
0.014386	0.281163	345.819602	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-18.673489	-238.066573	-0.449210
-0.042476	-0.963558	-420.204621	
0.48408	-18.673489	-238.066573	-0.449210
-0.042476	-0.655868	-299.560453	
0.65606	-18.673489	-238.066573	-0.449210
-0.042476	-0.363343	-194.014998	
0.82803	-18.673489	-238.066573	-0.449210
-0.042476	-0.089891	-89.007935	
1.00000	-18.673489	-238.066573	-0.449210
-0.042476	-0.682369	-0.193508	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	13.968722	155.207280	0.330999
0.000350	0.708188	418.993674	
0.48408	13.968722	155.207280	0.330999
0.000350	0.480210	312.174230	
0.65606	13.968722	155.207280	0.330999
0.000350	0.252213	205.433724	
0.82803	13.968722	155.207280	0.330999
0.000350	0.027244	98.995961	
1.00000	13.968722	155.207280	0.330999
0.000350	0.123216	2.487515	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.703257	-13.789982	-0.196528
-0.006753	-0.417821	-37.134375	
0.48408	-0.703257	-13.789982	-0.196528
-0.006753	-0.282387	-27.699454	
0.65606	-0.703257	-13.789982	-0.196528
-0.006753	-0.146541	-18.353837	
0.82803	-0.703257	-13.789982	-0.196528
-0.006753	-0.011251	-11.306526	
1.00000	-0.703257	-13.789982	-0.196528
-0.006753	-0.203951	-14.737224	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	16.909417	183.835761	0.602687
0.008144	1.274572	634.365080	
0.48408	16.909417	183.835761	0.602687
0.008144	0.860180	516.187539	
0.65606	16.909417	183.835761	0.602687
0.008144	0.448953	418.864718	
0.82803	16.909417	183.835761	0.602687
0.008144	0.044691	343.989363	
1.00000	16.909417	183.835761	0.602687
0.008144	0.170157	278.038984	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-4.909241	-87.874632	-0.270936
-0.046197	-0.582964	-56.181861	
0.48408	-4.909241	-87.874632	-0.270936
-0.046197	-0.398339	-32.021852	
0.65606	-4.909241	-87.874632	-0.270936
-0.046197	-0.227908	-20.914184	
0.82803	-4.909241	-87.874632	-0.270936
-0.046197	-0.076824	-10.029459	
1.00000	-4.909241	-87.874632	-0.270936
-0.046197	-0.430722	-0.092399	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	16.083390	185.622168	0.918440
0.011491	1.944013	678.922569	
0.48408	16.083390	185.622168	0.918440
0.011491	1.312105	560.177625	
0.65606	16.083390	185.622168	0.918440
0.011491	0.683275	462.942282	
0.82803	16.083390	185.622168	0.918440
0.011491	0.061582	390.298646	
1.00000	16.083390	185.622168	0.918440
0.011491	0.263079	345.062211	

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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-12.108458	-162.828886	-0.420240
-0.045350	-0.901359	-225.184602	
0.48408	-12.108458	-162.828886	-0.420240
-0.045350	-0.613838	-149.951831	
0.65606	-12.108458	-162.828886	-0.420240
-0.045350	-0.340603	-88.625796	
0.82803	-12.108458	-162.828886	-0.420240
-0.045350	-0.088449	-30.280425	
1.00000	-12.108458	-162.828886	-0.420240
-0.045350	-0.631113	-0.082748	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	14.679790	144.241695	0.538135
0.014318	1.146467	560.087212	
0.48408	14.679790	144.241695	0.538135
0.014318	0.775838	471.976107	
0.65606	14.679790	144.241695	0.538135
0.014318	0.405260	421.672553	
0.82803	14.679790	144.241695	0.538135
0.014318	0.039406	386.985311	
1.00000	14.679790	144.241695	0.538135
0.014318	0.202704	367.771305	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-17.894392	-207.919358	-0.323302
-0.045636	-0.687863	-348.664201	
0.48408	-17.894392	-207.919358	-0.323302
-0.045636	-0.465185	-247.380247	
0.65606	-17.894392	-207.919358	-0.323302
-0.045636	-0.253424	-160.853797	
0.82803	-17.894392	-207.919358	-0.323302
-0.045636	-0.082006	-79.770464	
1.00000	-17.894392	-207.919358	-0.323302
-0.045636	-0.382380	-16.413748	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	16.909417	185.622168	1.000367
0.014737	2.117923	678.922569	
0.48408	16.909417	185.622168	1.000367
0.014737	1.429538	560.177625	
0.65606	16.909417	185.622168	1.000367
0.014737	0.744293	462.942282	
0.82803	16.909417	185.622168	1.000367
0.014737	0.061909	390.298646	
1.00000	16.909417	185.622168	1.000367
0.014737	0.281163	345.819602	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-19.018422	-238.066573	-0.449210
-0.046197	-0.963558	-440.111687	
0.48408	-19.018422	-238.066573	-0.449210
-0.046197	-0.655868	-315.628619	
0.65606	-19.018422	-238.066573	-0.449210
-0.046197	-0.363343	-204.341050	
0.82803	-19.018422	-238.066573	-0.449210
-0.046197	-0.089891	-106.285044	
1.00000	-19.018422	-238.066573	-0.449210
-0.046197	-0.682369	-14.737224	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	16.909417	185.622168	1.000367

0.014737 2.117923 678.922569
0.48408 16.909417 185.622168 1.000367
0.014737 1.429538 560.177625
0.65606 16.909417 185.622168 1.000367
0.014737 0.744293 462.942282
0.82803 16.909417 185.622168 1.000367
0.014737 0.061909 390.298646
1.00000 16.909417 185.622168 1.000367
0.014737 0.281163 367.771305

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-19.018422	-238.066573	-0.449210
-0.046197	-0.963558	-440.111687	
0.48408	-19.018422	-238.066573	-0.449210
-0.046197	-0.655868	-315.628619	
0.65606	-19.018422	-238.066573	-0.449210
-0.046197	-0.363343	-204.341050	
0.82803	-19.018422	-238.066573	-0.449210
-0.046197	-0.089891	-106.285044	
1.00000	-19.018422	-238.066573	-0.449210
-0.046197	-0.682369	-16.413748	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	16.909417	185.622168	1.000367
0.014737	2.117923	678.922569	
0.48408	16.909417	185.622168	1.000367
0.014737	1.429538	560.177625	
0.65606	16.909417	185.622168	1.000367
0.014737	0.744293	462.942282	
0.82803	16.909417	185.622168	1.000367
0.014737	0.061909	390.298646	
1.00000	16.909417	185.622168	1.000367
0.014737	0.281163	367.771305	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-19.018422	-238.066573	-0.449210
-0.046197	-0.963558	-440.111687	
0.48408	-19.018422	-238.066573	-0.449210
-0.046197	-0.655868	-315.628619	
0.65606	-19.018422	-238.066573	-0.449210
-0.046197	-0.363343	-204.341050	
0.82803	-19.018422	-238.066573	-0.449210
-0.046197	-0.089891	-106.285044	
1.00000	-19.018422	-238.066573	-0.449210
-0.046197	-0.682369	-16.413748	

ELEM 68 ========== LENGTH = 4.004942

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.388032	8.378339	0.222531
0.005102	0.130488	2.562146	
0.17197	0.388032	8.378339	0.222531
0.005102	0.112283	72.004381	
0.34394	0.388032	8.378339	0.222531
0.005102	0.143506	146.276184	
0.51591	0.388032	8.378339	0.222531
0.005102	0.275659	220.618585	
0.68789	0.388032	8.378339	0.222531
0.005102	0.407806	295.061812	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.454429	-108.175803	-0.191869
-0.000321	-0.120748	-15.334848	
0.17197	-11.454429	-108.175803	-0.191869
-0.000321	-0.027355	-6.007988	
0.34394	-11.454429	-108.175803	-0.191869
-0.000321	-0.176593	-11.165402	
0.51591	-11.454429	-108.175803	-0.191869
-0.000321	-0.329689	-16.851662	
0.68789	-11.454429	-108.175803	-0.191869
-0.000321	-0.482939	-22.566975	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.805705	86.420588	0.413218
0.045132	0.272593	294.995957	
0.17197	3.805705	86.420588	0.413218
0.045132	0.057400	312.421104	
0.34394	3.805705	86.420588	0.413218
0.045132	0.195568	344.746980	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.51591	3.805705	86.420588	0.413218
0.045132	0.375588	388.207911	
0.68789	3.805705	86.420588	0.413218
0.045132	0.555576	469.076060	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.636156	-128.194279	-0.261293
-0.008943	-0.174654	-0.159796	
0.17197	-13.636156	-128.194279	-0.261293
-0.008943	-0.054035	-6.046311	
0.34394	-13.636156	-128.194279	-0.261293
-0.008943	-0.322432	-12.388241	
0.51591	-13.636156	-128.194279	-0.261293
-0.008943	-0.606819	-18.763568	
0.68789	-13.636156	-128.194279	-0.261293
-0.008943	-0.891362	-39.691937	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.165065	155.234978	0.549362
0.045524	0.366404	367.774167	
0.17197	11.165065	155.234978	0.549362
0.045524	0.061963	380.610169	
0.34394	11.165065	155.234978	0.549362
0.045524	0.241594	408.043632	
0.51591	11.165065	155.234978	0.549362
0.045524	0.464029	448.171113	
0.68789	11.165065	155.234978	0.549362
0.045524	0.686393	526.497105	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.274464	-132.478577	-0.322810
-0.012120	-0.213510	-0.194963	
0.17197	-13.274464	-132.478577	-0.322810
-0.012120	-0.055432	-30.410262	
0.34394	-13.274464	-132.478577	-0.322810
-0.012120	-0.416924	-80.727481	
0.51591	-13.274464	-132.478577	-0.322810
-0.012120	-0.795029	-132.546849	
0.68789	-13.274464	-132.478577	-0.322810
-0.012120	-1.173347	-199.636160	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.333266	116.833542	0.218076
0.000393	0.152766	2.546023	
0.17197	12.333266	116.833542	0.218076
0.000393	0.009709	8.636061	
0.34394	12.333266	116.833542	0.218076
0.000393	0.105588	15.597326	
0.51591	12.333266	116.833542	0.218076
0.000393	0.202834	22.812002	
0.68789	12.333266	116.833542	0.218076
0.000393	0.300034	30.104860	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.613506	-10.649846	-0.141129
-0.005200	-0.088735	-16.410861	
0.17197	-0.613506	-10.649846	-0.141129
-0.005200	-0.007877	-86.921698	
0.34394	-0.613506	-10.649846	-0.141129
-0.005200	-0.148645	-166.863251	
0.51591	-0.613506	-10.649846	-0.141129
-0.005200	-0.298619	-246.908922	
0.68789	-0.613506	-10.649846	-0.141129
-0.005200	-0.448745	-327.119147	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.809950	212.992203	0.406446
0.039418	0.296618	293.783706	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.17197	17.809950	212.992203	0.406446
0.039418	0.053545	232.763044	
0.34394	17.809950	212.992203	0.406446
0.039418	0.147557	184.146140	
0.51591	17.809950	212.992203	0.406446
0.039418	0.283261	146.414345	
0.68789	17.809950	212.992203	0.406446
0.039418	0.418945	146.593310	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.907739	-15.554899	-0.196963
-0.014693	-0.133953	-0.076449	
0.17197	-0.907739	-15.554899	-0.196963
-0.014693	-0.027827	-83.926182	
0.34394	-0.907739	-15.554899	-0.196963
-0.014693	-0.289337	-177.298919	
0.51591	-0.907739	-15.554899	-0.196963
-0.014693	-0.569066	-270.794256	
0.68789	-0.907739	-15.554899	-0.196963
-0.014693	-0.848966	-378.847681	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.072790	217.590958	0.548247
0.043639	0.377939	367.242580	
0.17197	17.072790	217.590958	0.548247
0.043639	0.060570	312.364463	
0.34394	17.072790	217.590958	0.548247
0.043639	0.227037	299.521008	
0.51591	17.072790	217.590958	0.548247
0.043639	0.435980	301.275881	
0.68789	17.072790	217.590958	0.548247
0.043639	0.644891	344.799774	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.541773	-75.862419	-0.303285
-0.014571	-0.201143	-0.072674	
0.17197	-7.541773	-75.862419	-0.303285
-0.014571	-0.049181	-77.975111	
0.34394	-7.541773	-75.862419	-0.303285
-0.014571	-0.404247	-164.596065	
0.51591	-7.541773	-75.862419	-0.303285
-0.014571	-0.781534	-251.355332	
0.68789	-7.541773	-75.862419	-0.303285
-0.014571	-1.159022	-353.005291	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.541978	10.355513	0.478054
0.006412	0.283453	2.554913	
0.17197	0.541978	10.355513	0.478054
0.006412	0.015064	91.944213	
0.34394	0.541978	10.355513	0.478054
0.006412	0.204103	189.491942	
0.51591	0.541978	10.355513	0.478054
0.006412	0.392050	287.363394	
0.68789	0.541978	10.355513	0.478054
0.006412	0.579952	385.296000	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.901022	-142.267243	-0.272772
-0.000286	-0.171374	-13.631612	
0.17197	-12.901022	-142.267243	-0.272772
-0.000286	-0.045994	-9.694471	
0.34394	-12.901022	-142.267243	-0.272772
-0.000286	-0.374513	-13.853173	
0.51591	-12.901022	-142.267243	-0.272772
-0.000286	-0.703777	-20.839950	
0.68789	-12.901022	-142.267243	-0.272772
-0.000286	-1.033095	-27.911207	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.442178	86.342355	0.799839
0.045682	0.514290	279.278379	
0.17197	4.442178	86.342355	0.799839
0.045682	0.063217	333.078313	
0.34394	4.442178	86.342355	0.799839
0.045682	0.286060	394.076091	
0.51591	4.442178	86.342355	0.799839
0.045682	0.531689	475.835179	
0.68789	4.442178	86.342355	0.799839
0.045682	0.791427	579.112844	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.273231	-164.940607	-0.377414
-0.008101	-0.248098	-0.159568	
0.17197	-15.273231	-164.940607	-0.377414
-0.008101	-0.077670	-7.461725	
0.34394	-15.273231	-164.940607	-0.377414
-0.008101	-0.615502	-15.259055	
0.51591	-15.273231	-164.940607	-0.377414
-0.008101	-1.164677	-23.139221	
0.68789	-15.273231	-164.940607	-0.377414
-0.008101	-1.715680	-43.696635	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.619068	171.263554	1.011757
0.045034	0.657764	345.839105	
0.17197	12.619068	171.263554	1.011757
0.045034	0.067885	381.058089	
0.34394	12.619068	171.263554	1.011757
0.045034	0.346878	442.767605	
0.51591	12.619068	171.263554	1.011757
0.045034	0.648228	527.168667	
0.68789	12.619068	171.263554	1.011757
0.045034	0.963921	633.692057	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.974392	-170.535152	-0.458812
-0.011799	-0.300155	-0.204089	
0.17197	-14.974392	-170.535152	-0.458812
-0.011799	-0.082912	-34.491605	
0.34394	-14.974392	-170.535152	-0.458812
-0.011799	-0.764330	-97.168206	
0.51591	-14.974392	-170.535152	-0.458812
-0.011799	-1.459376	-162.413720	
0.68789	-14.974392	-170.535152	-0.458812
-0.011799	-2.156319	-241.012833	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.170886	155.913098	0.379041
0.000360	0.258817	2.491434	
0.17197	14.170886	155.913098	0.379041
0.000360	0.015180	11.076439	
0.34394	14.170886	155.913098	0.379041
0.000360	0.146369	20.391973	
0.51591	14.170886	155.913098	0.379041
0.000360	0.282464	29.808113	
0.68789	14.170886	155.913098	0.379041
0.000360	0.418143	39.264903	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.758869	-13.838412	-0.196884
-0.006512	-0.123917	-14.732863	
0.17197	-0.758869	-13.838412	-0.196884
-0.006512	-0.009680	-117.230989	
0.34394	-0.758869	-13.838412	-0.196884
-0.006512	-0.263756	-224.159187	
0.51591	-0.758869	-13.838412	-0.196884
-0.006512	-0.524756	-331.141388	
0.68789	-0.758869	-13.838412	-0.196884
-0.006512	-0.785768	-438.342335	

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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.213846	250.675795	0.678984
0.038329	0.481778	278.055565	
0.17197	20.213846	250.675795	0.678984
0.038329	0.060296	228.309315	
0.34394	20.213846	250.675795	0.678984
0.038329	0.212631	190.093852	
0.51591	20.213846	250.675795	0.678984
0.038329	0.391880	172.770791	
0.68789	20.213846	250.675795	0.678984
0.038329	0.584499	177.029880	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.402007	-21.139680	-0.280406
-0.015382	-0.187559	-0.098768	
0.17197	-1.402007	-21.139680	-0.280406
-0.015382	-0.032865	-106.910927	
0.34394	-1.402007	-21.139680	-0.280406
-0.015382	-0.482861	-228.971542	
0.51591	-1.402007	-21.139680	-0.280406
-0.015382	-0.948676	-351.410942	
0.68789	-1.402007	-21.139680	-0.280406
-0.015382	-1.416348	-486.606826	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.375250	252.361222	0.969294
0.042419	0.649267	345.080977	
0.17197	19.375250	252.361222	0.969294
0.042419	0.068203	327.912729	
0.34394	19.375250	252.361222	0.969294
0.042419	0.324347	337.961643	
0.51591	19.375250	252.361222	0.969294
0.042419	0.606524	370.115748	
0.68789	19.375250	252.361222	0.969294
0.042419	0.902166	424.347132	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.477512	-95.578729	-0.429899
-0.014905	-0.281938	-0.088453	
0.17197	-8.477512	-95.578729	-0.429899
-0.014905	-0.066017	-99.298624	
0.34394	-8.477512	-95.578729	-0.429899
-0.014905	-0.715235	-212.528474	
0.51591	-8.477512	-95.578729	-0.429899
-0.014905	-1.381063	-326.100531	
0.68789	-8.477512	-95.578729	-0.429899
-0.014905	-2.048725	-456.001503	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.809950	217.590958	0.549362
0.045524	0.377939	367.774167	
0.17197	17.809950	217.590958	0.549362
0.045524	0.061963	380.610169	
0.34394	17.809950	217.590958	0.549362
0.045524	0.241594	408.043632	
0.51591	17.809950	217.590958	0.549362
0.045524	0.464029	448.171113	
0.68789	17.809950	217.590958	0.549362
0.045524	0.686393	526.497105	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.636156	-132.478577	-0.322810
-0.014693	-0.213510	-16.410861	
0.17197	-13.636156	-132.478577	-0.322810
-0.014693	-0.055432	-86.921698	
0.34394	-13.636156	-132.478577	-0.322810
-0.014693	-0.416924	-177.298919	
0.51591	-13.636156	-132.478577	-0.322810
-0.014693	-0.795029	-270.794256	
0.68789	-13.636156	-132.478577	-0.322810
-0.014693	-1.173347	-378.847681	

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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.213846	252.361222	1.011757
0.045682	0.657764	345.839105	
0.17197	20.213846	252.361222	1.011757
0.045682	0.068203	381.058089	
0.34394	20.213846	252.361222	1.011757
0.045682	0.346878	442.767605	
0.51591	20.213846	252.361222	1.011757
0.045682	0.648228	527.168667	
0.68789	20.213846	252.361222	1.011757
0.045682	0.963921	633.692057	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.273231	-170.535152	-0.458812
-0.015382	-0.300155	-14.732863	
0.17197	-15.273231	-170.535152	-0.458812
-0.015382	-0.082912	-117.230989	
0.34394	-15.273231	-170.535152	-0.458812
-0.015382	-0.764330	-228.971542	
0.51591	-15.273231	-170.535152	-0.458812
-0.015382	-1.459376	-351.410942	
0.68789	-15.273231	-170.535152	-0.458812
-0.015382	-2.156319	-486.606826	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.213846	252.361222	1.011757
0.045682	0.657764	367.774167	
0.17197	20.213846	252.361222	1.011757
0.045682	0.068203	381.058089	
0.34394	20.213846	252.361222	1.011757
0.045682	0.346878	442.767605	
0.51591	20.213846	252.361222	1.011757
0.045682	0.648228	527.168667	
0.68789	20.213846	252.361222	1.011757
0.045682	0.963921	633.692057	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.273231	-170.535152	-0.458812
-0.015382	-0.300155	-16.410861	
0.17197	-15.273231	-170.535152	-0.458812
-0.015382	-0.082912	-117.230989	
0.34394	-15.273231	-170.535152	-0.458812
-0.015382	-0.764330	-228.971542	
0.51591	-15.273231	-170.535152	-0.458812
-0.015382	-1.459376	-351.410942	
0.68789	-15.273231	-170.535152	-0.458812
-0.015382	-2.156319	-486.606826	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.213846	252.361222	1.011757
0.045682	0.657764	367.774167	
0.17197	20.213846	252.361222	1.011757
0.045682	0.068203	381.058089	
0.34394	20.213846	252.361222	1.011757
0.045682	0.346878	442.767605	
0.51591	20.213846	252.361222	1.011757
0.045682	0.648228	527.168667	
0.68789	20.213846	252.361222	1.011757
0.045682	0.963921	633.692057	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.273231	-170.535152	-0.458812
-0.015382	-0.300155	-16.410861	
0.17197	-15.273231	-170.535152	-0.458812
-0.015382	-0.082912	-117.230989	
0.34394	-15.273231	-170.535152	-0.458812
-0.015382	-0.764330	-228.971542	
0.51591	-15.273231	-170.535152	-0.458812
-0.015382	-1.459376	-351.410942	
0.68789	-15.273231	-170.535152	-0.458812
-0.015382	-2.156319	-486.606826	

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ELEM 69 ========== LENGTH = 4.004358

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	2.916197	10.465229	0.271135
0.003845	0.511621	22.812562	
0.48412	2.916197	10.465229	0.271135
0.003845	0.324921	15.644088	
0.65608	2.916197	10.465229	0.271135
0.003845	0.138225	8.688261	
0.82804	2.916197	10.465229	0.271135
0.003845	0.044408	2.288472	
1.00000	2.916197	10.465229	0.271135
0.003845	0.209188	1.234847	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-2.048920	-13.801610	-0.239140
-4.65E-05	-0.449488	-38.144234	
0.48412	-2.048920	-13.801610	-0.239140
-4.65E-05	-0.284819	-28.671560	
0.65608	-2.048920	-13.801610	-0.239140
-4.65E-05	-0.120113	-19.438491	
0.82804	-2.048920	-13.801610	-0.239140
-4.65E-05	-0.048803	-10.384290	
1.00000	-2.048920	-13.801610	-0.239140
-4.65E-05	-0.235312	-7.111667	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	4.226251	29.717434	0.487183
0.022520	0.914347	126.758138	
0.48412	4.226251	29.717434	0.487183
0.022520	0.578938	115.555078	
0.65608	4.226251	29.717434	0.487183
0.022520	0.243722	118.200433	
0.82804	4.226251	29.717434	0.487183
0.022520	0.065751	173.391785	
1.00000	4.226251	29.717434	0.487183
0.022520	0.284863	229.081164	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-7.510177	-118.865693	-0.325614
-0.014827	-0.611970	-111.352993	
0.48412	-7.510177	-118.865693	-0.325614
-0.014827	-0.387753	-40.971660	
0.65608	-7.510177	-118.865693	-0.325614
-0.014827	-0.170491	-17.496828	
0.82804	-7.510177	-118.865693	-0.325614
-0.014827	-0.133415	-7.118680	
1.00000	-7.510177	-118.865693	-0.325614
-0.014827	-0.464636	-0.060872	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	5.155812	35.742736	0.638047
0.022663	1.196616	150.308853	
0.48412	5.155812	35.742736	0.638047
0.022663	0.757341	135.385340	
0.65608	5.155812	35.742736	0.638047
0.022663	0.318236	134.814639	
0.82804	5.155812	35.742736	0.638047
0.022663	0.080619	192.895521	
1.00000	5.155812	35.742736	0.638047
0.022663	0.353658	264.289885	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-10.059305	-141.130328	-0.403981
-0.017603	-0.759019	-137.623446	
0.48412	-10.059305	-141.130328	-0.403981
-0.017603	-0.480839	-52.828465	
0.65608	-10.059305	-141.130328	-0.403981
-0.017603	-0.209733	-17.273775	

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REL_DIST	P	V2	V3
T	M2	M3	
0.82804	-10.059305	-141.130328	-0.403981
-0.017603	-0.163628	-7.021265	
1.00000	-10.059305	-141.130328	-0.403981
-0.017603	-0.598725	-0.058036	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	2.280517	15.082338	0.241791
0.000214	0.456450	40.546737	
0.48412	2.280517	15.082338	0.241791
0.000214	0.290017	30.176039	
0.65608	2.280517	15.082338	0.241791
0.000214	0.123681	19.816870	
0.82804	2.280517	15.082338	0.241791
0.000214	0.033412	9.558566	
1.00000	2.280517	15.082338	0.241791
0.000214	0.156649	1.219968	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-2.830799	-9.494239	-0.178648
-0.003768	-0.335405	-33.792721	
0.48412	-2.830799	-9.494239	-0.178648
-0.003768	-0.212390	-27.280476	
0.65608	-2.830799	-9.494239	-0.178648
-0.003768	-0.089340	-20.848257	
0.82804	-2.830799	-9.494239	-0.178648
-0.003768	-0.043591	-14.425778	
1.00000	-2.830799	-9.494239	-0.178648
-0.003768	-0.209680	-8.115700	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	2.944513	25.334921	0.452678
0.018294	0.849579	104.920550	
0.48412	2.944513	25.334921	0.452678
0.018294	0.537920	96.751458	
0.65608	2.944513	25.334921	0.452678
0.018294	0.226377	102.451065	
0.82804	2.944513	25.334921	0.452678
0.018294	0.051827	160.699447	
1.00000	2.944513	25.334921	0.452678
0.018294	0.218102	227.812189	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-9.036724	-123.481820	-0.248775
-0.019292	-0.467055	-116.870700	
0.48412	-9.036724	-123.481820	-0.248775
-0.019292	-0.295744	-43.282370	
0.65608	-9.036724	-123.481820	-0.248775
-0.019292	-0.131325	-16.590802	
0.82804	-9.036724	-123.481820	-0.248775
-0.019292	-0.126937	-3.377329	
1.00000	-9.036724	-123.481820	-0.248775
-0.019292	-0.434650	-0.014716	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	5.318001	46.294729	0.624311
0.020853	1.171148	195.500673	
0.48412	5.318001	46.294729	0.624311
0.020853	0.741342	173.093230	
0.65608	5.318001	46.294729	0.624311
0.020853	0.311686	164.861484	
0.82804	5.318001	46.294729	0.624311
0.020853	0.076462	210.309540	
1.00000	5.318001	46.294729	0.624311
0.020853	0.333587	263.688722	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-9.896600	-130.772393	-0.380849
-0.019133	-0.715375	-126.839643	

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REL_DIST	P	V2	V3
T	M2	M3	
0.48412	-9.896600	-130.772393	-0.380849
-0.019133	-0.453108	-48.691713	
0.65608	-9.896600	-130.772393	-0.380849
-0.019133	-0.197888	-18.636009	
0.82804	-9.896600	-130.772393	-0.380849
-0.019133	-0.161714	-3.611663	
1.00000	-9.896600	-130.772393	-0.380849
-0.019133	-0.586804	-0.013292	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	2.350296	9.637234	0.596915
0.004663	1.123435	22.256403	
0.48412	2.350296	9.637234	0.596915
0.004663	0.712375	15.705137	
0.65608	2.350296	9.637234	0.596915
0.004663	0.301052	9.408858	
0.82804	2.350296	9.637234	0.596915
0.004663	0.062378	3.338005	
1.00000	2.350296	9.637234	0.596915
0.004663	0.296164	1.288721	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-2.055104	-15.033806	-0.339001
-4.87E-05	-0.637397	-42.263183	
0.48412	-2.055104	-15.033806	-0.339001
-4.87E-05	-0.403934	-31.981347	
0.65608	-2.055104	-15.033806	-0.339001
-4.87E-05	-0.170413	-21.881208	
0.82804	-2.055104	-15.033806	-0.339001
-4.87E-05	-0.108819	-12.111564	
1.00000	-2.055104	-15.033806	-0.339001
-4.87E-05	-0.520423	-6.369714	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	3.537073	26.639155	0.966064
0.021418	1.800872	120.531858	
0.48412	3.537073	26.639155	0.966064
0.021418	1.136352	106.877007	
0.65608	3.537073	26.639155	0.966064
0.021418	0.472713	115.719968	
0.82804	3.537073	26.639155	0.966064
0.021418	0.092895	162.363944	
1.00000	3.537073	26.639155	0.966064
0.021418	0.405229	212.022083	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-6.808414	-104.290749	-0.465525
-0.014660	-0.878248	-111.098863	
0.48412	-6.808414	-104.290749	-0.465525
-0.014660	-0.557717	-42.317060	
0.65608	-6.808414	-104.290749	-0.465525
-0.014660	-0.238347	-18.018527	
0.82804	-6.808414	-104.290749	-0.465525
-0.014660	-0.224926	-6.996901	
1.00000	-6.808414	-104.290749	-0.465525
-0.014660	-0.889077	-0.059649	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	4.564303	33.607087	1.199121
0.021040	2.237433	149.944290	
0.48412	4.564303	33.607087	1.199121
0.021040	1.412541	132.195589	
0.65608	4.564303	33.607087	1.199121
0.021040	0.588491	138.129243	
0.82804	4.564303	33.607087	1.199121
0.021040	0.112196	188.634414	
1.00000	4.564303	33.607087	1.199121
0.021040	0.495858	244.728112	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-8.730106	-121.653601	-0.568899
-0.017572	-1.072396	-133.383286	
0.48412	-8.730106	-121.653601	-0.568899
-0.017572	-0.680781	-53.281446	
0.65608	-8.730106	-121.653601	-0.568899
-0.017572	-0.290347	-18.750452	
0.82804	-8.730106	-121.653601	-0.568899
-0.017572	-0.270014	-6.976400	
1.00000	-8.730106	-121.653601	-0.568899
-0.017572	-1.094445	-0.057281	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	2.309477	16.852750	0.428804
0.000192	0.809192	44.715631	
0.48412	2.309477	16.852750	0.428804
0.000192	0.513919	33.162197	
0.65608	2.309477	16.852750	0.428804
0.000192	0.218706	21.651877	
0.82804	2.309477	16.852750	0.428804
0.000192	0.045904	10.248606	
1.00000	2.309477	16.852750	0.428804
0.000192	0.217229	1.263064	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-2.320366	-9.355421	-0.248095
-0.004525	-0.465796	-31.389757	
0.48412	-2.320366	-9.355421	-0.248095
-0.004525	-0.294831	-25.002434	
0.65608	-2.320366	-9.355421	-0.248095
-0.004525	-0.123711	-18.691443	
0.82804	-2.320366	-9.355421	-0.248095
-0.004525	-0.076820	-12.452383	
1.00000	-2.320366	-9.355421	-0.248095
-0.004525	-0.371995	-8.208846	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	3.080019	27.091340	0.763464
0.016177	1.423268	115.251211	
0.48412	3.080019	27.091340	0.763464
0.016177	0.898365	101.300633	
0.65608	3.080019	27.091340	0.763464
0.016177	0.374545	109.876771	
0.82804	3.080019	27.091340	0.763464
0.016177	0.071577	156.424344	
1.00000	3.080019	27.091340	0.763464
0.016177	0.304385	209.887809	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-7.599887	-105.500795	-0.349047
-0.020001	-0.658330	-110.595062	
0.48412	-7.599887	-105.500795	-0.349047
-0.020001	-0.418200	-40.966202	
0.65608	-7.599887	-105.500795	-0.349047
-0.020001	-0.178622	-15.843262	
0.82804	-7.599887	-105.500795	-0.349047
-0.020001	-0.185382	-4.131300	
1.00000	-7.599887	-105.500795	-0.349047
-0.020001	-0.709347	-0.017554	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	4.925002	44.842486	1.125208
0.018853	2.098624	192.941666	
0.48412	4.925002	44.842486	1.125208
0.018853	1.324591	167.085888	
0.65608	4.925002	44.842486	1.125208
0.018853	0.551569	164.053180	
0.82804	4.925002	44.842486	1.125208
0.018853	0.105511	200.263907	
1.00000	4.925002	44.842486	1.125208
0.018853	0.465863	243.791624	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-8.409266	-111.280021	-0.534309
-0.019436	-1.007111	-118.707862	
0.48412	-8.409266	-111.280021	-0.534309
-0.019436	-0.639357	-45.494679	
0.65608	-8.409266	-111.280021	-0.534309
-0.019436	-0.272368	-17.170377	
0.82804	-8.409266	-111.280021	-0.534309
-0.019436	-0.257163	-4.027648	
1.00000	-8.409266	-111.280021	-0.534309
-0.019436	-1.030223	-0.016644	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	5.318001	46.294729	0.638047
0.022663	1.196616	195.500673	
0.48412	5.318001	46.294729	0.638047
0.022663	0.757341	173.093230	
0.65608	5.318001	46.294729	0.638047
0.022663	0.318236	164.861484	
0.82804	5.318001	46.294729	0.638047
0.022663	0.080619	210.309540	
1.00000	5.318001	46.294729	0.638047
0.022663	0.353658	264.289885	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-10.059305	-141.130328	-0.403981
-0.019292	-0.759019	-137.623446	
0.48412	-10.059305	-141.130328	-0.403981
-0.019292	-0.480839	-52.828465	
0.65608	-10.059305	-141.130328	-0.403981
-0.019292	-0.209733	-20.848257	
0.82804	-10.059305	-141.130328	-0.403981
-0.019292	-0.163628	-14.425778	
1.00000	-10.059305	-141.130328	-0.403981
-0.019292	-0.598725	-8.115700	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	4.925002	44.842486	1.199121
0.021418	2.237433	192.941666	
0.48412	4.925002	44.842486	1.199121
0.021418	1.412541	167.085888	
0.65608	4.925002	44.842486	1.199121
0.021418	0.588491	164.053180	
0.82804	4.925002	44.842486	1.199121
0.021418	0.112196	200.263907	
1.00000	4.925002	44.842486	1.199121
0.021418	0.495858	244.728112	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-8.730106	-121.653601	-0.568899
-0.020001	-1.072396	-133.383286	
0.48412	-8.730106	-121.653601	-0.568899
-0.020001	-0.680781	-53.281446	
0.65608	-8.730106	-121.653601	-0.568899
-0.020001	-0.290347	-21.881208	
0.82804	-8.730106	-121.653601	-0.568899
-0.020001	-0.270014	-12.452383	
1.00000	-8.730106	-121.653601	-0.568899
-0.020001	-1.094445	-8.208846	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	5.318001	46.294729	1.199121
0.022663	2.237433	195.500673	
0.48412	5.318001	46.294729	1.199121
0.022663	1.412541	173.093230	
0.65608	5.318001	46.294729	1.199121
0.022663	0.588491	164.861484	
0.82804	5.318001	46.294729	1.199121
0.022663	0.112196	210.309540	
1.00000	5.318001	46.294729	1.199121
0.022663	0.495858	264.289885	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-10.059305	-141.130328	-0.568899
-0.020001	-1.072396	-137.623446	
0.48412	-10.059305	-141.130328	-0.568899
-0.020001	-0.680781	-53.281446	
0.65608	-10.059305	-141.130328	-0.568899
-0.020001	-0.290347	-21.881208	
0.82804	-10.059305	-141.130328	-0.568899
-0.020001	-0.270014	-14.425778	
1.00000	-10.059305	-141.130328	-0.568899
-0.020001	-1.094445	-8.208846	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	5.318001	46.294729	1.199121
0.022663	2.237433	195.500673	
0.48412	5.318001	46.294729	1.199121
0.022663	1.412541	173.093230	
0.65608	5.318001	46.294729	1.199121
0.022663	0.588491	164.861484	
0.82804	5.318001	46.294729	1.199121
0.022663	0.112196	210.309540	
1.00000	5.318001	46.294729	1.199121
0.022663	0.495858	264.289885	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31216	-10.059305	-141.130328	-0.568899
-0.020001	-1.072396	-137.623446	
0.48412	-10.059305	-141.130328	-0.568899
-0.020001	-0.680781	-53.281446	
0.65608	-10.059305	-141.130328	-0.568899
-0.020001	-0.290347	-21.881208	
0.82804	-10.059305	-141.130328	-0.568899
-0.020001	-0.270014	-14.425778	
1.00000	-10.059305	-141.130328	-0.568899
-0.020001	-1.094445	-8.208846	

ELEM 70 ========== LENGTH = 4.005356

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.886594	10.512396	0.256315
0.003562	0.220745	1.244852	
0.17198	2.886594	10.512396	0.256315
0.003562	0.044191	9.168044	
0.34396	2.886594	10.512396	0.256315
0.003562	0.119690	18.388380	
0.51594	2.886594	10.512396	0.256315
0.003562	0.284346	27.658022	
0.68792	2.886594	10.512396	0.256315
0.003562	0.448960	36.937529	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.068931	-13.481674	-0.238975
-4.19E-05	-0.209528	-7.103105	
0.17198	-2.068931	-13.481674	-0.238975
-4.19E-05	-0.044794	-13.506505	
0.34396	-2.068931	-13.481674	-0.238975
-4.19E-05	-0.132384	-20.594622	
0.51594	-2.068931	-13.481674	-0.238975
-4.19E-05	-0.308939	-27.712907	
0.68792	-2.068931	-13.481674	-0.238975
-4.19E-05	-0.485498	-34.908092	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.008355	125.232498	0.478620
0.018966	0.411468	228.746708	
0.17198	9.008355	125.232498	0.478620
0.018966	0.096324	159.554013	
0.34396	9.008355	125.232498	0.478620
0.018966	0.162626	99.547966	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51594	9.008355	125.232498	0.478620
0.018966	0.386052	92.052424	
0.68792	9.008355	125.232498	0.478620
0.018966	0.609433	97.779390	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.870235	-22.271461	-0.326459
-0.018181	-0.325980	-0.074648	
0.17198	-2.870235	-22.271461	-0.326459

```
-0.018181   -0.102301   -2.386972
 0.34396    -2.870235   -22.271461    -0.326459
-0.018181   -0.249513   -16.570767
 0.51594    -2.870235   -22.271461    -0.326459
-0.018181   -0.579156   -44.797788
 0.68792    -2.870235   -22.271461    -0.326459
-0.018181   -0.908876  -120.299516

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    10.035397   133.580908    0.643572
0.018946    0.554564   263.952197
 0.17198    10.035397   133.580908    0.643572
0.018946    0.126341   207.691103
 0.34396    10.035397   133.580908    0.643572
0.018946    0.201601   160.088220
 0.51594    10.035397   133.580908    0.643572
0.018946    0.478825   166.121259
 0.68792    10.035397   133.580908    0.643572
0.018946    0.755969   185.662608

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -5.343976   -42.618872    -0.404555
-0.020913   -0.395412   -0.075124
 0.17198    -5.343976   -42.618872    -0.404555
-0.020913   -0.117896   -2.835900
 0.34396    -5.343976   -42.618872    -0.404555
-0.020913   -0.333789   -20.226737
 0.51594    -5.343976   -42.618872    -0.404555
-0.020913   -0.777045   -52.585659
 0.68792    -5.343976   -42.618872    -0.404555
-0.020913   -1.220391  -133.411895

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.264627    15.400877     0.262792
0.000299     0.232435     1.226760
 0.17198     2.264627    15.400877     0.262792
0.000299     0.051349     2.168998
 0.34396     2.264627    15.400877     0.262792
0.000299     0.089019     5.746942
 0.51594     2.264627    15.400877     0.262792
0.000299     0.211745    12.027463
 0.68792     2.264627    15.400877     0.262792
0.000299     0.334432    18.471877

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -2.859702    -9.492189    -0.178108
-0.004056   -0.156339   -8.102442
 0.17198    -2.859702    -9.492189    -0.178108
-0.004056   -0.033430   -12.397268
 0.34396    -2.859702    -9.492189    -0.178108
-0.004056   -0.129603   -22.496687
 0.51594    -2.859702    -9.492189    -0.178108
-0.004056   -0.310631   -32.841230
 0.68792    -2.859702    -9.492189    -0.178108
-0.004056   -0.491653   -43.411458

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     7.748655   121.304057     0.484844
0.015035    0.423210   227.470057
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 REL DIST            P            V2           V3
    T           M2           M3
 0.17198     7.748655   121.304057     0.484844
0.015035    0.103679   169.896249
 0.34396     7.748655   121.304057     0.484844
0.015035    0.123622   113.591770
 0.51594     7.748655   121.304057     0.484844
0.015035    0.293905   109.704479
 0.68792     7.748655   121.304057     0.484844
0.015035    0.464082   118.988239

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -4.412579   -27.395531    -0.249216
-0.022860   -0.258464   -0.022993
 0.17198    -4.412579   -27.395531    -0.249216
-0.022860   -0.087942   -9.102981
 0.34396    -4.412579   -27.395531    -0.249216
-0.022860   -0.246388   -20.999123
 0.51594    -4.412579   -27.395531    -0.249216
-0.022860   -0.580298   -46.509408
 0.68792    -4.412579   -27.395531    -0.249216
-0.022860   -0.914283  -119.299866

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    10.198618   144.172077     0.647233
0.017644    0.561145   263.345184
 0.17198    10.198618   144.172077     0.647233
0.017644    0.130034   189.862909
 0.34396    10.198618   144.172077     0.647233
0.017644    0.189770   129.374466
 0.51594    10.198618   144.172077     0.647233
0.017644    0.450956   127.876062
 0.68792    10.198618   144.172077     0.647233
0.017644    0.712036   140.078793

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -5.180763   -32.347350    -0.381214
-0.022966   -0.375030   -0.020724
 0.17198    -5.180763   -32.347350    -0.381214
-0.022966   -0.113591   -8.586863
 0.34396    -5.180763   -32.347350    -0.381214
-0.022966   -0.332295   -20.465679
 0.51594    -5.180763   -32.347350    -0.381214
-0.022966   -0.778070   -58.576413
 0.68792    -5.180763   -32.347350    -0.381214
-0.022966   -1.223919  -146.209922

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.313056     9.582010     0.568418
0.004257    0.492541     1.302561
 0.17198     2.313056     9.582010     0.568418
0.004257    0.100237     9.759448
 0.34396     2.313056     9.582010     0.568418
0.004257    0.169706    19.705581
 0.51594     2.313056     9.582010     0.568418
0.004257    0.403096    29.731861
 0.68792     2.313056     9.582010     0.568418
0.004257    0.636434    39.799007

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -2.064948   -14.667460    -0.338702
-4.41E-05   -0.296653   -6.358448
 0.17198    -2.064948   -14.667460    -0.338702
-4.41E-05   -0.063089   -11.436686
 0.34396    -2.064948   -14.667460    -0.338702
-4.41E-05   -0.290020   -17.875686
 0.51594    -2.064948   -14.667460    -0.338702
-4.41E-05   -0.681681   -24.367649
 0.68792    -2.064948   -14.667460    -0.338702
-4.41E-05   -1.073349   -30.930093
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     7.575362   106.707465     0.940390
0.019608    0.817181   212.013609
 0.17198     7.575362   106.707465     0.940390
0.019608    0.178690   155.065931
 0.34396     7.575362   106.707465     0.940390
0.019608    0.227841   105.584923
 0.51594     7.575362   106.707465     0.940390
0.019608    0.545320    94.909282
 0.68792     7.575362   106.707465     0.940390
0.019608    0.870846   105.661166

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -2.912322   -23.566976    -0.482674
-0.016059   -0.462965   -0.075168
 0.17198    -2.912322   -23.566976    -0.482674
-0.016059   -0.130972   -3.208808
 0.34396    -2.912322   -23.566976    -0.482674
-0.016059   -0.483925   -15.038250
 0.51594    -2.912322   -23.566976    -0.482674
-0.016059   -1.129484   -41.118282
 0.68792    -2.912322   -23.566976    -0.482674
-0.016059   -1.777372  -111.408791

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.590044   114.011804     1.195071
0.019186    1.036951   244.735317
 0.17198     8.590044   114.011804     1.195071
0.019186    0.223597   197.134093
 0.34396     8.590044   114.011804     1.195071
0.019186    0.279313   158.344523
 0.51594     8.590044   114.011804     1.195071
0.019186    0.667783   159.373337
 0.68792     8.590044   114.011804     1.195071
0.019186    1.064369   182.089133

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -4.849961   -41.322611    -0.585978
-0.018949   -0.554202   -0.075256
 0.17198    -4.849961   -41.322611    -0.585978
-0.018949   -0.151179   -3.325345
 0.34396    -4.849961   -41.322611    -0.585978
-0.018949   -0.615401   -18.192852
 0.51594    -4.849961   -41.322611    -0.585978
-0.018949   -1.436275   -48.631461
 0.68792    -4.849961   -41.322611    -0.585978
-0.018949   -2.259541  -123.633896

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.280449    17.235605     0.457137
0.000258    0.403645     1.269112
 0.17198     2.280449    17.235605     0.457137
0.000258    0.087142     2.775727
 0.34396     2.280449    17.235605     0.457137
0.000258    0.123419     8.156892
 0.51594     2.280449    17.235605     0.457137
0.000258    0.294438    14.351335
 0.68792     2.280449    17.235605     0.457137
0.000258    0.465297    20.756542

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -2.327437    -9.435715    -0.247854
-0.005023   -0.217329    -8.193545
 0.17198    -2.327437    -9.435715    -0.247854
-0.005023   -0.046148   -15.172171
 0.34396    -2.327437    -9.435715    -0.247854
-0.005023   -0.226192   -26.196447
 0.51594    -2.327437    -9.435715    -0.247854
-0.005023   -0.541047   -37.790378
 0.68792    -2.327437    -9.435715    -0.247854
-0.005023   -0.855966   -49.576774
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     7.132010   107.855363     0.804317
0.014820    0.706738   209.874459
 0.17198     7.132010   107.855363     0.804317
0.014820    0.162855   159.647286
 0.34396     7.132010   107.855363     0.804317
0.014820    0.168743   112.083377
 0.51594     7.132010   107.855363     0.804317
0.014820    0.406545   102.901044
 0.68792     7.132010   107.855363     0.804317
0.014820    0.651782   115.074843

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -3.705524   -25.524723    -0.366427
-0.021888   -0.361840   -0.029120
 0.17198    -3.705524   -25.524723    -0.366427
-0.021888   -0.109303   -9.524256
 0.34396    -3.705524   -25.524723    -0.366427
-0.021888   -0.407888   -22.604387
 0.51594    -3.705524   -25.524723    -0.366427
-0.021888   -0.959375   -49.592977
 0.68792    -3.705524   -25.524723    -0.366427
-0.021888   -1.513382  -120.719251

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.942433   125.227427     1.147115
0.017454    0.999854   243.792557
 0.17198     8.942433   125.227427     1.147115
0.017454    0.219370   185.761689
 0.34396     8.942433   125.227427     1.147115
0.017454    0.261355   133.045765
 0.51594     8.942433   125.227427     1.147115
0.017454    0.626310   125.419227
 0.68792     8.942433   125.227427     1.147115
0.017454    0.998882   140.580607

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -4.522825   -30.979327    -0.551180
-0.021459   -0.523716   -0.026342
 0.17198    -4.522825   -30.979327    -0.551180
-0.021459   -0.143837   -8.991994
 0.34396    -4.522825   -30.979327    -0.551180
-0.021459   -0.586524   -22.441790
 0.51594    -4.522825   -30.979327    -0.551180
-0.021459   -1.374322   -59.563775
 0.68792    -4.522825   -30.979327    -0.551180
-0.021459   -2.164478  -141.974764

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    10.198618   144.172077     0.647233
0.018966    0.561145   263.952197
 0.17198    10.198618   144.172077     0.647233
0.018966    0.130034   207.691103
 0.34396    10.198618   144.172077     0.647233
0.018966    0.201601   160.088220
 0.51594    10.198618   144.172077     0.647233
0.018966    0.478825   166.121259
 0.68792    10.198618   144.172077     0.647233
0.018966    0.755969   185.662608

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -5.343976   -42.618872    -0.404555
-0.022966   -0.395412   -8.102442
 0.17198    -5.343976   -42.618872    -0.404555
-0.022966   -0.117896   -13.506505
 0.34396    -5.343976   -42.618872    -0.404555
-0.022966   -0.333789   -22.496687
 0.51594    -5.343976   -42.618872    -0.404555
-0.022966   -0.778070   -58.576413
 0.68792    -5.343976   -42.618872    -0.404555
-0.022966   -1.223919  -146.209922
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 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.942433   125.227427     1.195071
0.019608    1.036951   244.735317
 0.17198     8.942433   125.227427     1.195071
0.019608    0.223597   197.134093
 0.34396     8.942433   125.227427     1.195071
0.019608    0.279313   158.344523
 0.51594     8.942433   125.227427     1.195071
0.019608    0.667783   159.373337
 0.68792     8.942433   125.227427     1.195071
0.019608    1.064369   182.089133

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -4.849961   -41.322611    -0.585978
-0.021888   -0.554202   -8.193545
 0.17198    -4.849961   -41.322611    -0.585978
-0.021888   -0.151179   -15.172171
 0.34396    -4.849961   -41.322611    -0.585978
-0.021888   -0.615401   -26.196447
 0.51594    -4.849961   -41.322611    -0.585978
-0.021888   -1.436275   -59.563775
 0.68792    -4.849961   -41.322611    -0.585978
-0.021888   -2.259541  -141.974764

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    10.198618   144.172077     1.195071
0.019608    1.036951   263.952197
 0.17198    10.198618   144.172077     1.195071
0.019608    0.223597   207.691103
 0.34396    10.198618   144.172077     1.195071
0.019608    0.279313   160.088220
 0.51594    10.198618   144.172077     1.195071
0.019608    0.667783   166.121259
 0.68792    10.198618   144.172077     1.195071
0.019608    1.064369   185.662608

 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -5.343976   -42.618872    -0.585978
-0.022966   -0.554202   -8.193545
 0.17198    -5.343976   -42.618872    -0.585978
-0.022966   -0.151179   -15.172171
 0.34396    -5.343976   -42.618872    -0.585978
-0.022966   -0.615401   -26.196447
 0.51594    -5.343976   -42.618872    -0.585978
-0.022966   -1.436275   -59.563775
 0.68792    -5.343976   -42.618872    -0.585978
-0.022966   -2.259541  -146.209922

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    10.198618   144.172077     1.195071
0.019608    1.036951   263.952197
 0.17198    10.198618   144.172077     1.195071
0.019608    0.223597   207.691103
 0.34396    10.198618   144.172077     1.195071
0.019608    0.279313   160.088220
 0.51594    10.198618   144.172077     1.195071
0.019608    0.667783   166.121259
 0.68792    10.198618   144.172077     1.195071
0.019608    1.064369   185.662608

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -5.343976   -42.618872    -0.585978
-0.022966   -0.554202   -8.193545
 0.17198    -5.343976   -42.618872    -0.585978
-0.022966   -0.151179   -15.172171
 0.34396    -5.343976   -42.618872    -0.585978
-0.022966   -0.615401   -26.196447
 0.51594    -5.343976   -42.618872    -0.585978
-0.022966   -1.436275   -59.563775
 0.68792    -5.343976   -42.618872    -0.585978
-0.022966   -2.259541  -146.209922
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 ELEM       71 ================== LENGTH =
4.004657

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214     7.548917    39.153443     0.210198
0.002625    0.400818   101.734159
 0.48410     7.548917    39.153443     0.210198
0.002625    0.256203    74.786305
 0.65607     7.548917    39.153443     0.210198
0.002625    0.111568    47.939863
 0.82803     7.548917    39.153443     0.210198
0.002625    0.035448    21.247302
 1.00000     7.548917    39.153443     0.210198
0.002625    0.191799     1.076486

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214    -0.471709    -3.072738    -0.226973
-4.07E-05   -0.433424   -8.553535
 0.48410    -0.471709    -3.072738    -0.226973
-4.07E-05   -0.277116   -6.446333
 0.65607    -0.471709    -3.072738    -0.226973
-4.07E-05   -0.120799   -4.385527
 0.82803    -0.471709    -3.072738    -0.226973
-4.07E-05   -0.034932   -2.709354
 1.00000    -0.471709    -3.072738    -0.226973
-4.07E-05   -0.179129   -6.558124

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214    10.142960    69.814566     0.398461
0.016698    0.727219   218.413429
 0.48410    10.142960    69.814566     0.398461
0.016698    0.462682   174.682242
 0.65607    10.142960    69.814566     0.398461
0.016698    0.198324   156.992716
 0.82803    10.142960    69.814566     0.398461
0.016698    0.054248   188.160363
 1.00000    10.142960    69.814566     0.398461
0.016698    0.258249   219.744100

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214    -5.741879  -105.161632    -0.305482
-0.013960   -0.583179   -83.201133
 0.48410    -5.741879  -105.161632    -0.305482
-0.013960   -0.372800   -19.606488
 0.65607    -5.741879  -105.161632    -0.305482
-0.013960   -0.165561   -1.966521
 0.82803    -5.741879  -105.161632    -0.305482
-0.013960   -0.107756   -0.220169
 1.00000    -5.741879  -105.161632    -0.305482
-0.013960   -0.380206   -0.025837

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214     9.435760    65.666833     0.527341
0.016813    0.972540   210.947880
 0.48410     9.435760    65.666833     0.527341
0.016813    0.619455   170.338423
 0.65607     9.435760    65.666833     0.527341
0.016813    0.266604   156.480051
 0.82803     9.435760    65.666833     0.527341
0.016813    0.066433   197.832046
 1.00000     9.435760    65.666833     0.527341
0.016813    0.324268   250.685499

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214   -11.423677  -145.870642    -0.383451
-0.016280   -0.731934  -163.571767
 0.48410   -11.423677  -145.870642    -0.383451
-0.016280   -0.467860   -72.190284
 0.65607   -11.423677  -145.870642    -0.383451
-0.016280   -0.206949   -27.775200
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 REL DIST            P            V2           V3
    T           M2           M3
 0.82803   -11.423677  -145.870642    -0.383451
-0.016280   -0.128967   -0.648044
 1.00000   -11.423677  -145.870642    -0.383451
-0.016280   -0.490136   -0.050913

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214     0.469106     3.648279     0.205105
0.000197    0.395615     9.405886
 0.48410     0.469106     3.648279     0.205105
0.000197    0.254461     6.920182
 0.65607     0.469106     3.648279     0.205105
0.000197    0.113432     4.468563
 0.82803     0.469106     3.648279     0.205105
0.000197    0.027385     2.109900
 1.00000     0.469106     3.648279     0.205105
0.000197    0.148372     1.197904

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.31214    -7.638602   -37.224583    -0.175350
-0.002877   -0.334652  -111.317583
 0.48410    -7.638602   -37.224583    -0.175350
-0.002877   -0.213895   -85.703565
```

0.65607 -7.638602 -37.224583 -0.175350
-0.002877 -0.093098 -60.123957
0.82803 -7.638602 -37.224583 -0.175350
-0.002877 -0.029326 -34.556186
1.00000 -7.638602 -37.224583 -0.175350
-0.002877 -0.169704 -9.104402

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	1.253791	17.742865	0.391820
0.013875	0.720564	65.490763	
0.48410	1.253791	17.742865	0.391820
0.013875	0.460626	57.620529	
0.65607	1.253791	17.742865	0.391820
0.013875	0.200823	75.796942	
0.82803	1.253791	17.742865	0.391820
0.013875	0.044034	142.789395	
1.00000	1.253791	17.742865	0.391820
0.013875	0.202992	217.042461	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-14.787830	-155.277851	-0.239801
-0.017444	-0.457529	-215.146446	
0.48410	-14.787830	-155.277851	-0.239801
-0.017444	-0.292365	-117.041819	
0.65607	-14.787830	-155.277851	-0.239801
-0.017444	-0.130273	-64.874797	
0.82803	-14.787830	-155.277851	-0.239801
-0.017444	-0.099862	-28.492694	
1.00000	-14.787830	-155.277851	-0.239801
-0.017444	-0.368468	-0.062891	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	6.678186	58.329920	0.525331
0.015609	0.971135	206.798447	
0.48410	6.678186	58.329920	0.525331
0.015609	0.619465	171.066032	
0.65607	6.678186	58.329920	0.525331
0.015609	0.268140	161.957005	
0.82803	6.678186	58.329920	0.525331
0.015609	0.063521	202.740063	
1.00000	6.678186	58.329920	0.525331
0.015609	0.307783	249.735499	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-14.175890	-152.920021	-0.363846
-0.017372	-0.694420	-201.765831	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.48410	-14.175890	-152.920021	-0.363846
-0.017372	-0.443832	-106.504789	
0.65607	-14.175890	-152.920021	-0.363846
-0.017372	-0.196389	-58.193012	
0.82803	-14.175890	-152.920021	-0.363846
-0.017372	-0.127468	-26.013781	
1.00000	-14.175890	-152.920021	-0.363846
-0.017372	-0.486277	-0.068277	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	6.362542	36.233430	0.490935
0.003017	0.935511	93.851744	
0.48410	6.362542	36.233430	0.490935
0.003017	0.597340	68.969787	
0.65607	6.362542	36.233430	0.490935
0.003017	0.259063	44.153756	
0.82803	6.362542	36.233430	0.490935
0.003017	0.049159	19.564290	
1.00000	6.362542	36.233430	0.490935
0.003017	0.269396	1.251652	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-0.418122	-2.643289	-0.319155
-4.04E-05	-0.609565	-7.266478	
0.48410	-0.418122	-2.643289	-0.319155
-4.04E-05	-0.389758	-5.494708	
0.65607	-0.418122	-2.643289	-0.319155
-4.04E-05	-0.169851	-3.985740	
0.82803	-0.418122	-2.643289	-0.319155
-4.04E-05	-0.078410	-3.161797	
1.00000	-0.418122	-2.643289	-0.319155
-4.04E-05	-0.416812	-7.173473	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	8.654962	65.867033	0.798996
0.015870	1.486824	226.624191	
0.48410	8.654962	65.867033	0.798996
0.015870	0.944284	184.051358	
0.65607	8.654962	65.867033	0.798996
0.015870	0.401632	164.249786	
0.82803	8.654962	65.867033	0.798996
0.015870	0.073757	186.788626	
1.00000	8.654962	65.867033	0.798996
0.015870	0.365747	209.959792	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-4.993553	-90.048422	-0.436153
-0.012158	-0.836569	-78.403159	
0.48410	-4.993553	-90.048422	-0.436153
-0.012158	-0.536141	-19.122004	
0.65607	-4.993553	-90.048422	-0.436153
-0.012158	-0.235603	-1.486629	
0.82803	-4.993553	-90.048422	-0.436153
-0.012158	-0.171942	-0.161826	
1.00000	-4.993553	-90.048422	-0.436153
-0.012158	-0.721739	-0.028940	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	8.082362	61.876732	1.007285
0.015633	1.883185	221.992508	
0.48410	8.082362	61.876732	1.007285
0.015633	1.197240	183.570733	
0.65607	8.082362	61.876732	1.007285
0.015633	0.511239	168.463346	
0.82803	8.082362	61.876732	1.007285
0.015633	0.089157	198.602156	
1.00000	8.082362	61.876732	1.007285
0.015633	0.452500	242.434166	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-9.681604	-125.878572	-0.538694
-0.014444	-1.032378	-147.008723	
0.48410	-9.681604	-125.878572	-0.538694
-0.014444	-0.661381	-63.520421	
0.65607	-9.681604	-125.878572	-0.538694
-0.014444	-0.290387	-22.207039	
0.82803	-9.681604	-125.878572	-0.538694
-0.014444	-0.206321	-0.283832	
1.00000	-9.681604	-125.878572	-0.538694
-0.014444	-0.899256	-0.057343	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	0.418722	3.292298	0.382761
0.000175	0.734626	8.759837	
0.48410	0.418722	3.292298	0.382761
0.000175	0.471024	6.517942	
0.65607	0.418722	3.292298	0.382761
0.000175	0.207546	4.307558	
0.82803	0.418722	3.292298	0.382761
0.000175	0.037523	2.227126	
1.00000	0.418722	3.292298	0.382761
0.000175	0.204421	1.392440	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-6.448001	-34.575068	-0.242049
-0.003425	-0.461901	-104.126467	
0.48410	-6.448001	-34.575068	-0.242049
-0.003425	-0.295122	-80.348828	
0.65607	-6.448001	-34.575068	-0.242049
-0.003425	-0.128080	-56.612178	
0.82803	-6.448001	-34.575068	-0.242049
-0.003425	-0.056657	-33.062275	
1.00000	-6.448001	-34.575068	-0.242049
-0.003425	-0.319948	-10.248742	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	1.243047	17.904352	0.667793
0.012592	1.244623	83.414342	
0.48410	1.243047	17.904352	0.667793
0.012592	0.792580	73.864264	
0.65607	1.243047	17.904352	0.667793
0.012592	0.340522	87.257634	
0.82803	1.243047	17.904352	0.667793
0.012592	0.058679	143.896247	
1.00000	1.243047	17.904352	0.667793
0.012592	0.282476	206.588282	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-12.571826	-136.411425	-0.336935
-0.016241	-0.646701	-198.545685	
0.48410	-12.571826	-136.411425	-0.336935
-0.016241	-0.414497	-107.326134	
0.65607	-12.571826	-136.411425	-0.336935
-0.016241	-0.181861	-57.750392	
0.82803	-12.571826	-136.411425	-0.336935
-0.016241	-0.144600	-24.455622	
1.00000	-12.571826	-136.411425	-0.336935
-0.016241	-0.603103	-0.087168	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	5.761720	55.443120	0.960263
0.014312	1.795285	221.092924	
0.48410	5.761720	55.443120	0.960263
0.014312	1.141727	186.121460	
0.65607	5.761720	55.443120	0.960263
0.014312	0.488113	173.987016	
0.82803	5.761720	55.443120	0.960263
0.014312	0.084985	205.046664	
1.00000	5.761720	55.443120	0.960263
0.014312	0.427716	241.028322	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-11.986546	-132.211265	-0.509529
-0.015809	-0.976712	-185.300446	
0.48410	-11.986546	-132.211265	-0.509529
-0.015809	-0.625791	-97.809110	
0.65607	-11.986546	-132.211265	-0.509529
-0.015809	-0.274339	-51.966880	
0.82803	-11.986546	-132.211265	-0.509529
-0.015809	-0.198392	-22.375053	
1.00000	-11.986546	-132.211265	-0.509529
-0.015809	-0.858034	-0.090646	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	10.142960	69.814566	0.527341
0.016813	0.972540	218.413429	
0.48410	10.142960	69.814566	0.527341
0.016813	0.619465	174.682242	
0.65607	10.142960	69.814566	0.527341
0.016813	0.268140	161.957005	
0.82803	10.142960	69.814566	0.527341
0.016813	0.066433	202.740063	
1.00000	10.142960	69.814566	0.527341
0.016813	0.324268	250.685499	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-14.787830	-155.277851	-0.383451
-0.017444	-0.731934	-215.146446	
0.48410	-14.787830	-155.277851	-0.383451
-0.017444	-0.467860	-117.041819	
0.65607	-14.787830	-155.277851	-0.383451
-0.017444	-0.206949	-64.874797	
0.82803	-14.787830	-155.277851	-0.383451
-0.017444	-0.128967	-34.556186	
1.00000	-14.787830	-155.277851	-0.383451
-0.017444	-0.490136	-9.104402	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	8.654962	65.867033	1.007285
0.015870	1.883185	226.624191	
0.48410	8.654962	65.867033	1.007285
0.015870	1.197240	186.121460	
0.65607	8.654962	65.867033	1.007285
0.015870	0.511239	173.987016	
0.82803	8.654962	65.867033	1.007285
0.015870	0.089157	205.046664	
1.00000	8.654962	65.867033	1.007285
0.015870	0.452500	242.434166	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-12.571826	-136.411425	-0.538694
-0.016241	-1.032378	-198.545685	
0.48410	-12.571826	-136.411425	-0.538694
-0.016241	-0.661381	-107.326134	
0.65607	-12.571826	-136.411425	-0.538694
-0.016241	-0.290387	-57.750392	
0.82803	-12.571826	-136.411425	-0.538694
-0.016241	-0.206321	-33.062275	
1.00000	-12.571826	-136.411425	-0.538694
-0.016241	-0.899256	-10.248742	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	10.142960	69.814566	1.007285
0.016813	1.883185	226.624191	
0.48410	10.142960	69.814566	1.007285
0.016813	1.197240	186.121460	
0.65607	10.142960	69.814566	1.007285
0.016813	0.511239	173.987016	
0.82803	10.142960	69.814566	1.007285
0.016813	0.089157	205.046664	
1.00000	10.142960	69.814566	1.007285
0.016813	0.452500	250.685499	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-14.787830	-155.277851	-0.538694
-0.017444	-1.032378	-215.146446	
0.48410	-14.787830	-155.277851	-0.538694
-0.017444	-0.661381	-117.041819	
0.65607	-14.787830	-155.277851	-0.538694
-0.017444	-0.290387	-64.874797	
0.82803	-14.787830	-155.277851	-0.538694
-0.017444	-0.206321	-34.556186	
1.00000	-14.787830	-155.277851	-0.538694
-0.017444	-0.899256	-10.248742	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	10.142960	69.814566	1.007285
0.016813	1.883185	226.624191	
0.48410	10.142960	69.814566	1.007285
0.016813	1.197240	186.121460	
0.65607	10.142960	69.814566	1.007285
0.016813	0.511239	173.987016	
0.82803	10.142960	69.814566	1.007285
0.016813	0.089157	205.046664	
1.00000	10.142960	69.814566	1.007285
0.016813	0.452500	250.685499	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-14.787830	-155.277851	-0.538694
-0.017444	-1.032378	-215.146446	
0.48410	-14.787830	-155.277851	-0.538694
-0.017444	-0.661381	-117.041819	
0.65607	-14.787830	-155.277851	-0.538694
-0.017444	-0.290387	-64.874797	
0.82803	-14.787830	-155.277851	-0.538694
-0.017444	-0.206321	-34.556186	
1.00000	-14.787830	-155.277851	-0.538694
-0.017444	-0.899256	-10.248742	

ELEM 72 ========== LENGTH = 4.005702

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.461275	37.838765	0.209518
0.002706	0.177275	1.076579	
0.17199	7.461275	37.838765	0.209518
0.002706	0.032787	2.209072	
0.34397	7.461275	37.838765	0.209518
0.002706	0.120388	4.358607	
0.51596	7.461275	37.838765	0.209518
0.002706	0.276500	6.576016	
0.68794	7.461275	37.838765	0.209518
0.002706	0.432601	8.820028	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.504043	-3.277734	-0.226594
-2.76E-05	-0.191831	-6.532693	
0.17199	-0.504043	-3.277734	-0.226594
-2.76E-05	-0.035709	-32.334872	
0.34397	-0.504043	-3.277734	-0.226594
-2.76E-05	-0.111406	-58.311997	
0.51596	-0.504043	-3.277734	-0.226594
-2.76E-05	-0.255760	-84.315449	
0.68794	-0.504043	-3.277734	-0.226594
-2.76E-05	-0.400100	-110.360400	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.266932	156.568154	0.383329
0.017199	0.323679	219.433211	
0.17199	14.266932	156.568154	0.383329
0.017199	0.066244	142.377174	
0.34397	14.266932	156.568154	0.383329
0.017199	0.161420	74.602747	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.51596	14.266932	156.568154	0.383329
0.017199	0.370544	56.021485	
0.68794	14.266932	156.568154	0.383329
0.017199	0.579654	62.910362	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.278423	-16.966110	-0.313326
-0.013778	-0.305817	-0.016228	
0.17199	-1.278423	-16.966110	-0.313326
-0.013778	-0.090707	-25.941800	
0.34397	-1.278423	-16.966110	-0.313326
-0.013778	-0.208992	-62.938320	
0.51596	-1.278423	-16.966110	-0.313326
-0.013778	-0.473008	-116.343444	
0.68794	-1.278423	-16.966110	-0.313326
-0.013778	-0.737093	-216.129953	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.642012	154.392599	0.516682
0.017149	0.431082	250.383667	
0.17199	13.642012	154.392599	0.516682
0.017149	0.082487	200.221222	
0.34397	13.642012	154.392599	0.516682
0.017149	0.202595	158.300137	
0.51596	13.642012	154.392599	0.516682
0.017149	0.465278	166.622996	
0.68794	13.642012	154.392599	0.516682
0.017149	0.727900	200.984206	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.935957	-56.979156	-0.391216
-0.015640	-0.372693	-0.045696	
0.17199	-6.935957	-56.979156	-0.391216
-0.015640	-0.103665	-23.788806	
0.34397	-6.935957	-56.979156	-0.391216
-0.015640	-0.286007	-56.541928	
0.51596	-6.935957	-56.979156	-0.391216
-0.015640	-0.641631	-106.065633	
0.68794	-6.935957	-56.979156	-0.391216
-0.015640	-0.997516	-203.239130	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.439073	3.442525	0.210327
0.000158	0.174624	1.199753	
0.17199	0.439073	3.442525	0.210327
0.000158	0.029936	18.216921	
0.34397	0.439073	3.442525	0.210327
0.000158	0.092766	44.492652	
0.51596	0.439073	3.442525	0.210327
0.000158	0.213286	70.924136	
0.68794	0.439073	3.442525	0.210327
0.000158	0.333765	97.456160	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.722850	-38.537446	-0.174887
-0.002804	-0.148181	-9.076023	
0.17199	-7.722850	-38.537446	-0.174887
-0.002804	-0.027467	-3.554753	
0.34397	-7.722850	-38.537446	-0.174887
-0.002804	-0.115264	-5.393969	
0.51596	-7.722850	-38.537446	-0.174887
-0.002804	-0.260122	-7.676520	
0.68794	-7.722850	-38.537446	-0.174887
-0.002804	-0.405022	-10.009198	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.459002	106.077538	0.389949
0.013924	0.323996	216.726157	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.17199	5.459002	106.077538	0.389949
0.013924	0.062378	183.798119	
0.34397	5.459002	106.077538	0.389949
0.013924	0.126272	151.751012	
0.51596	5.459002	106.077538	0.389949
0.013924	0.290222	168.817683	
0.68794	5.459002	106.077538	0.389949
0.013924	0.454063	211.345397	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.398674	-68.655910	-0.247631
-0.016987	-0.250338	-0.069668	
0.17199	-10.398674	-68.655910	-0.247631
-0.016987	-0.080323	-0.778845	
0.34397	-10.398674	-68.655910	-0.247631
-0.016987	-0.218322	-2.926050	
0.51596	-10.398674	-68.655910	-0.247631
-0.016987	-0.486835	-21.526759	
0.68794	-10.398674	-68.655910	-0.247631
-0.016987	-0.755450	-86.527008	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.899207	147.363423	0.519396
0.016142	0.432149	249.430020	
0.17199	10.899207	147.363423	0.519396
0.016142	0.081398	194.209863	
0.34397	10.899207	147.363423	0.519396
0.016142	0.192029	151.601743	
0.51596	10.899207	147.363423	0.519396
0.016142	0.441176	164.627475	
0.68794	10.899207	147.363423	0.519396
0.016142	0.690245	203.842755	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.701753	-64.325760	-0.371520
-0.017075	-0.356069	-0.069837	

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COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.019797	137.516758	0.782925
0.015846	0.664314	209.970958	
0.17199	12.019797	137.516758	0.782925
0.015846	0.129878	143.489457	
0.34397	12.019797	137.516758	0.782925
0.015846	0.225143	85.998201	
0.51596	12.019797	137.516758	0.782925
0.015846	0.521271	72.070875	
0.68794	12.019797	137.516758	0.782925
0.015846	0.817720	81.034057	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.257417	-16.871982	-0.433530
-0.012473	-0.405797	-0.017141	
0.17199	-1.257417	-16.871982	-0.433530
-0.012473	-0.107221	-21.937059	
0.34397	-1.257417	-16.871982	-0.433530
-0.012473	-0.423091	-55.582720	
0.51596	-1.257417	-16.871982	-0.433530
-0.012473	-0.959963	-106.366227	
0.68794	-1.257417	-16.871982	-0.433530
-0.012473	-1.497408	-198.435977	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.448297	133.527132	0.990978
0.015448	0.830492	242.472080	
0.17199	11.448297	133.527132	0.990978
0.015448	0.154149	202.604799	
0.34397	11.448297	133.527132	0.990978
0.015448	0.279208	170.281562	
0.51596	11.448297	133.527132	0.990978
0.015448	0.645643	181.518617	
0.68794	11.448297	133.527132	0.990978
0.015448	1.012505	215.569971	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.025860	-53.955760	-0.535842
-0.014297	-0.493187	-0.051490	
0.17199	-6.025860	-53.955760	-0.535842
-0.014297	-0.124565	-20.169989	
0.34397	-6.025860	-53.955760	-0.535842
-0.014297	-0.544262	-50.124729	
0.51596	-6.025860	-53.955760	-0.535842
-0.014297	-1.224238	-97.162123	
0.68794	-6.025860	-53.955760	-0.535842
-0.014297	-1.904958	-185.678596	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.402804	3.032322	0.380006
0.000164	0.316304	1.395577	
0.17199	0.402804	3.032322	0.380006
0.000164	0.054585	16.784547	
0.34397	0.402804	3.032322	0.380006
0.000164	0.127646	40.976451	
0.51596	0.402804	3.032322	0.380006
0.000164	0.294247	65.446547	
0.68794	0.402804	3.032322	0.380006
0.000164	0.460581	90.003081	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.533216	-35.753524	-0.241311
-0.003288	-0.203959	-10.219316	
0.17199	-6.533216	-35.753524	-0.241311
-0.003288	-0.037408	-3.815560	
0.34397	-6.533216	-35.753524	-0.241311
-0.003288	-0.207362	-4.919847	
0.51596	-6.533216	-35.753524	-0.241311
-0.003288	-0.469160	-6.856107	
0.68794	-6.533216	-35.753524	-0.241311
-0.003288	-0.730934	-8.873556	

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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.707087	90.973237	0.654472
0.012079	0.544109	206.610581	
0.17199	4.707087	90.973237	0.654472
0.012079	0.099705	182.443450	
0.34397	4.707087	90.973237	0.654472
0.012079	0.171730	159.022305	
0.51596	4.707087	90.973237	0.654472
0.012079	0.399604	178.247847	
0.68794	4.707087	90.973237	0.654472
0.012079	0.627742	220.170403	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.925932	-64.664005	-0.334028
-0.016235	-0.321795	-0.096692	
0.17199	-8.925932	-64.664005	-0.334028
-0.016235	-0.092032	-0.674511	
0.34397	-8.925932	-64.664005	-0.334028
-0.016235	-0.367486	-2.460463	
0.51596	-8.925932	-64.664005	-0.334028
-0.016235	-0.815774	-21.224405	
0.68794	-8.925932	-64.664005	-0.334028
-0.016235	-1.264424	-81.256518	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.143760	127.245631	0.944433
0.014177	0.788242	241.071888	
0.17199	9.143760	127.245631	0.944433
0.014177	0.143111	195.321108	
0.34397	9.143760	127.245631	0.944433
0.014177	0.262819	163.527996	
0.51596	9.143760	127.245631	0.944433
0.014177	0.609201	177.838098	
0.68794	9.143760	127.245631	0.944433
0.014177	0.955482	215.435087	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.344801	-60.439739	-0.505847
-0.015964	-0.467264	-0.094396	
0.17199	-8.344801	-60.439739	-0.505847
-0.015964	-0.118842	-0.690324	
0.34397	-8.344801	-60.439739	-0.505847
-0.015964	-0.522286	-22.339758	
0.51596	-8.344801	-60.439739	-0.505847
-0.015964	-1.170431	-64.963123	
0.68794	-8.344801	-60.439739	-0.505847
-0.015964	-1.819008	-149.442435	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.266932	156.568154	0.519396
0.017199	0.432149	250.383667	
0.17199	14.266932	156.568154	0.519396
0.017199	0.082487	200.221222	
0.34397	14.266932	156.568154	0.519396
0.017199	0.202595	158.300137	
0.51596	14.266932	156.568154	0.519396
0.017199	0.465278	168.817683	
0.68794	14.266932	156.568154	0.519396
0.017199	0.727900	211.345397	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.398674	-68.655910	-0.391216
-0.017075	-0.372693	-9.076023	
0.17199	-10.398674	-68.655910	-0.391216
-0.017075	-0.103665	-32.334872	
0.34397	-10.398674	-68.655910	-0.391216
-0.017075	-0.288565	-62.938320	
0.51596	-10.398674	-68.655910	-0.391216
-0.017075	-0.646269	-116.343444	
0.68794	-10.398674	-68.655910	-0.391216
-0.017075	-1.004076	-216.129953	

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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.019797	137.516758	0.990978
0.015846	0.830492	242.472080	
0.17199	12.019797	137.516758	0.990978
0.015846	0.154149	202.604799	
0.34397	12.019797	137.516758	0.990978
0.015846	0.279208	170.281562	
0.51596	12.019797	137.516758	0.990978
0.015846	0.645643	181.518617	
0.68794	12.019797	137.516758	0.990978
0.015846	1.012505	220.170403	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.925932	-64.664005	-0.535842
-0.016235	-0.493187	-10.219316	
0.17199	-8.925932	-64.664005	-0.535842
-0.016235	-0.124565	-30.595430	
0.34397	-8.925932	-64.664005	-0.535842
-0.016235	-0.544262	-55.582720	
0.51596	-8.925932	-64.664005	-0.535842
-0.016235	-1.224238	-106.366227	
0.68794	-8.925932	-64.664005	-0.535842
-0.016235	-1.904958	-198.435977	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.266932	156.568154	0.990978
0.017199	0.830492	250.383667	
0.17199	14.266932	156.568154	0.990978
0.017199	0.154149	202.604799	
0.34397	14.266932	156.568154	0.990978
0.017199	0.279208	170.281562	
0.51596	14.266932	156.568154	0.990978
0.017199	0.645643	181.518617	
0.68794	14.266932	156.568154	0.990978
0.017199	1.012505	220.170403	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.398674	-68.655910	-0.535842
-0.017075	-0.493187	-10.219316	
0.17199	-10.398674	-68.655910	-0.535842
-0.017075	-0.124565	-32.334872	
0.34397	-10.398674	-68.655910	-0.535842
-0.017075	-0.544262	-62.938320	
0.51596	-10.398674	-68.655910	-0.535842
-0.017075	-1.224238	-116.343444	
0.68794	-10.398674	-68.655910	-0.535842
-0.017075	-1.904958	-216.129953	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.266932	156.568154	0.990978
0.017199	0.830492	250.383667	
0.17199	14.266932	156.568154	0.990978
0.017199	0.154149	202.604799	
0.34397	14.266932	156.568154	0.990978
0.017199	0.279208	170.281562	
0.51596	14.266932	156.568154	0.990978
0.017199	0.645643	181.518617	
0.68794	14.266932	156.568154	0.990978
0.017199	1.012505	220.170403	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.398674	-68.655910	-0.535842
-0.017075	-0.493187	-10.219316	
0.17199	-10.398674	-68.655910	-0.535842
-0.017075	-0.124565	-32.334872	
0.34397	-10.398674	-68.655910	-0.535842
-0.017075	-0.544262	-62.938320	
0.51596	-10.398674	-68.655910	-0.535842
-0.017075	-1.224238	-116.343444	
0.68794	-10.398674	-68.655910	-0.535842
-0.017075	-1.904958	-216.129953	

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ELEM 73 ========== LENGTH = 4.005049

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	6.510780	47.427557	0.206856
0.001922	0.394493	126.030396	
0.48408	6.510780	47.427557	0.206856
0.001922	0.252023	93.409309	
0.65605	6.510780	47.427557	0.206856
0.001922	0.109507	60.835179	
0.82803	6.510780	47.427557	0.206856
0.001922	0.034877	28.340602	
1.00000	6.510780	47.427557	0.206856
0.001922	0.187027	1.055306	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.534851	-0.994245	-0.220766
-3.29E-05	-0.421176	-2.967940	
0.48408	-0.534851	-0.994245	-0.220766
-3.29E-05	-0.269120	-2.353996	
0.65605	-0.534851	-0.994245	-0.220766
-3.29E-05	-0.117060	-1.772455	
0.82803	-0.534851	-0.994245	-0.220766
-3.29E-05	-0.032746	-1.502291	
1.00000	-0.534851	-0.994245	-0.220766
-3.29E-05	-0.175401	-4.872285	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	8.785205	76.274786	0.359092
0.015079	0.645800	245.975464	
0.48408	8.785205	76.274786	0.359092
0.015079	0.403812	196.484409	
0.65605	8.785205	76.274786	0.359092
0.015079	0.173089	167.692759	
0.82803	8.785205	76.274786	0.359092
0.015079	0.052502	191.207049	
1.00000	8.785205	76.274786	0.359092
0.015079	0.247498	215.014455	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-5.672781	-101.045034	-0.296522
-0.012965	-0.571753	-78.924043	
0.48408	-5.672781	-101.045034	-0.296522
-0.012965	-0.367561	-17.838629	
0.65605	-5.672781	-101.045034	-0.296522
-0.012965	-0.163352	-0.010124	
0.82803	-5.672781	-101.045034	-0.296522
-0.012965	-0.098578	.000000	
1.00000	-5.672781	-101.045034	-0.296522
-0.012965	-0.345353	-0.024444	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	8.232744	69.299395	0.453774
0.015389	0.825526	231.454475	
0.48408	8.232744	69.299395	0.453774
0.015389	0.518442	186.936878	
0.65605	8.232744	69.299395	0.453774
0.015389	0.222912	163.573371	
0.82803	8.232744	69.299395	0.453774
0.015389	0.065288	197.430912	
1.00000	8.232744	69.299395	0.453774
0.015389	0.316001	244.799097	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-10.612638	-147.917363	-0.377445
-0.014691	-0.726245	-176.605985	
0.48408	-10.612638	-147.917363	-0.377445
-0.014691	-0.466317	-83.404979	
0.65605	-10.612638	-147.917363	-0.377445
-0.014691	-0.206322	-34.413505	

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REL DIST	P	V2	V3
T	M2	M3	
0.82803	-10.612638	-147.917363	-0.377445
-0.014691	-0.114690	-3.646398	
1.00000	-10.612638	-147.917363	-0.377445
-0.014691	-0.426698	-0.028304	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.503517	0.952574	0.163106
2.05E-05	0.311050	3.303809	
0.48408	0.503517	0.952574	0.163106
2.05E-05	0.198716	2.706613	
0.65605	0.503517	0.952574	0.163106
2.05E-05	0.088456	2.125980	
0.82803	0.503517	0.952574	0.163106
2.05E-05	0.028102	1.588145	
1.00000	0.503517	0.952574	0.163106
2.05E-05	0.151422	1.056922	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-6.690990	-47.199453	-0.178697
-0.002041	-0.340892	-137.790956	
0.48408	-6.690990	-47.199453	-0.178697
-0.002041	-0.217812	-105.292168	
0.65605	-6.690990	-47.199453	-0.178697
-0.002041	-0.094690	-72.825783	
0.82803	-6.690990	-47.199453	-0.178697
-0.002041	-0.026016	-40.372737	
1.00000	-6.690990	-47.199453	-0.178697
-0.002041	-0.138336	-7.984496	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	1.190719	11.355221	0.312069
0.012913	0.560361	56.963574	
0.48408	1.190719	11.355221	0.312069
0.012913	0.350875	52.303788	
0.65605	1.190719	11.355221	0.312069
0.012913	0.152737	68.342287	
0.82803	1.190719	11.355221	0.312069
0.012913	0.043730	136.685316	
1.00000	1.190719	11.355221	0.312069
0.012913	0.202050	211.431069	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-13.438703	-165.409870	-0.242825
-0.015457	-0.469281	-248.127621	
0.48408	-13.438703	-165.409870	-0.242825
-0.015457	-0.302055	-142.583287	
0.65605	-13.438703	-165.409870	-0.242825
-0.015457	-0.134738	-80.295910	
0.82803	-13.438703	-165.409870	-0.242825
-0.015457	-0.089390	-35.815718	
1.00000	-13.438703	-165.409870	-0.242825
-0.015457	-0.301585	.000000	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	5.940261	56.819004	0.419891
0.014232	0.764833	211.273928	
0.48408	5.940261	56.819004	0.419891
0.014232	0.481173	175.375792	
0.65605	5.940261	56.819004	0.419891
0.014232	0.209107	160.632093	
0.82803	5.940261	56.819004	0.419891
0.014232	0.062681	199.344181	
1.00000	5.940261	56.819004	0.419891
0.014232	0.302617	243.416251	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-12.981311	-160.477210	-0.361616
-0.015470	-0.696034	-231.362920	

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REL DIST	P	V2	V3
T	M2	M3	
0.48408	-12.981311	-160.477210	-0.361616
-0.015470	-0.446991	-129.544823	
0.65605	-12.981311	-160.477210	-0.361616
-0.015470	-0.197855	-71.936885	
0.82803	-12.981311	-160.477210	-0.361616
-0.015470	-0.114548	-32.528322	
1.00000	-12.981311	-160.477210	-0.361616
-0.015470	-0.394195	.000000	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	5.723474	48.379066	0.418566
0.002024	0.794955	127.990410	
0.48408	5.723474	48.379066	0.418566
0.002024	0.506578	94.726674	
0.65605	5.723474	48.379066	0.418566
0.002024	0.217972	61.523445	
0.82803	5.723474	48.379066	0.418566
0.002024	0.047840	28.718606	
1.00000	5.723474	48.379066	0.418566
0.002024	0.259646	1.319154	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.457703	-0.976331	-0.306770
-3.01E-05	-0.585313	-2.785100	
0.48408	-0.457703	-0.976331	-0.306770
-3.01E-05	-0.373961	-2.207452	
0.65605	-0.457703	-0.976331	-0.306770
-3.01E-05	-0.162455	-1.707194	
0.82803	-0.457703	-0.976331	-0.306770
-3.01E-05	-0.068544	-1.635180	
1.00000	-0.457703	-0.976331	-0.306770
-3.01E-05	-0.357806	-5.887785	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	7.776544	77.008562	0.664248
0.014078	1.219073	266.479787	
0.48408	7.776544	77.008562	0.664248
0.014078	0.767089	216.829318	
0.65605	7.776544	77.008562	0.664248
0.014078	0.322697	188.359063	
0.82803	7.776544	77.008562	0.664248
0.014078	0.071061	201.506396	
1.00000	7.776544	77.008562	0.664248
0.014078	0.349808	214.984576	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-4.937514	-88.384481	-0.416242
-0.011806	-0.797633	-76.258413	
0.48408	-4.937514	-88.384481	-0.416242

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-0.011806   -0.510916   -18.381434
 0.65605    -4.937514    -88.384481      -0.416242
-0.011806   -0.224187     -0.005308
 0.82803    -4.937514    -88.384481      -0.416242
-0.011806   -0.154562      .000000
 1.00000    -4.937514    -88.384481      -0.416242
-0.011806   -0.611057     -0.019058

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     7.295221     69.972225      0.836333
0.014064     1.545745   253.441487
 0.48408     7.295221     69.972225      0.836333
0.014064     0.975300   209.200594
 0.65605     7.295221     69.972225      0.836333
0.014064     0.412377   186.563193
 0.82803     7.295221     69.972225      0.836333
0.014064     0.087158   207.830088
 1.00000     7.295221     69.972225      0.836333
0.014064     0.439894   248.756740
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 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211    -9.177712   -132.768385     -0.522504
-0.013278   -1.000544   -165.661967
 0.48408    -9.177712   -132.768385     -0.522504
-0.013278   -0.640659    -77.716902
 0.65605    -9.177712   -132.768385     -0.522504
-0.013278   -0.280860    -29.723217
 0.82803    -9.177712   -132.768385     -0.522504
-0.013278   -0.183929     -2.368476
 1.00000    -9.177712   -132.768385     -0.522504
-0.013278   -0.758709     -0.022001

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     0.440681     0.967360      0.327445
1.87E-05     0.626756     3.679015
 0.48408     0.440681     0.967360      0.327445
1.87E-05     0.401215     3.067314
 0.65605     0.440681     0.967360      0.327445
1.87E-05     0.176024     2.466333
 0.82803     0.440681     0.967360      0.327445
1.87E-05     0.038171     1.887283
 1.00000     0.440681     0.967360      0.327445
1.87E-05     0.207269     1.316104

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     -5.904395    -48.346821     -0.244760
-0.002197    -0.466804   -142.436919
 0.48408     -5.904395    -48.346821     -0.244760
-0.002197    -0.298080   -109.155091
 0.65605     -5.904395    -48.346821     -0.244760
-0.002197    -0.129120    -75.900747
 0.82803     -5.904395    -48.346821     -0.244760
-0.002197    -0.049855    -42.668226
 1.00000     -5.904395    -48.346821     -0.244760
-0.002197    -0.275345     -9.409477

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     1.140669     11.924841      0.554290
0.011830     1.018668     73.979936
 0.48408     1.140669     11.924841      0.554290
0.011830     0.642605     69.259675
 0.65605     1.140669     11.924841      0.554290
0.011830     0.274252     85.666092
 0.82803     1.140669     11.924841      0.554290
0.011830     0.057497    144.012908
 1.00000     1.140669     11.924841      0.554290
0.011830     0.281767    210.943218

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211    -11.769473   -153.128902     -0.335662
-0.014433    -0.643569   -243.900618
 0.48408    -11.769473   -153.128902     -0.335662
-0.014433    -0.412095   -141.378103
 0.65605    -11.769473   -153.128902     -0.335662
-0.014433    -0.180749    -78.418745
 0.82803    -11.769473   -153.128902     -0.335662
-0.014433    -0.129972    -34.009883
 1.00000    -11.769473   -153.128902     -0.335662
-0.014433    -0.509218      .000000

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     5.272867     56.824254      0.791110
0.012942     1.462832   235.258061
 0.48408     5.272867     56.824254      0.791110
0.012942     0.923552   199.753952
 0.65605     5.272867     56.824254      0.791110
0.012942     0.392041   185.154737
 0.82803     5.272867     56.824254      0.791110
0.012942     0.082825   212.591410
 1.00000     5.272867     56.824254      0.791110
0.012942     0.419756   247.042050
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211    -11.269832   -146.155383     -0.499668
-0.014155    -0.957440   -226.180959
 0.48408    -11.269832   -146.155383     -0.499668
-0.014155    -0.613169   -128.568344
 0.65605    -11.269832   -146.155383     -0.499668
-0.014155    -0.268882    -70.514459
 0.82803    -11.269832   -146.155383     -0.499668
-0.014155    -0.177121    -30.975449
 1.00000    -11.269832   -146.155383     -0.499668
-0.014155    -0.717575      .000000

 COMB      DB ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     8.785205     76.274786      0.453774
 0.48408     8.785205     76.274786      0.453774
0.015389     0.825526   245.975464
 0.48408     8.785205     76.274786      0.453774
0.015389     0.518442   196.484409
 0.65605     8.785205     76.274786      0.453774
0.015389     0.222912   167.692759
 0.82803     8.785205     76.274786      0.453774
0.015389     0.065288   199.344181
 1.00000     8.785205     76.274786      0.453774
0.015389     0.316001   244.799097

 COMB      DB ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211    -13.438703   -165.409870     -0.377445
-0.015470    -0.726245   -248.127621
 0.48408    -13.438703   -165.409870     -0.377445
-0.015470    -0.466317   -142.583287
 0.65605    -13.438703   -165.409870     -0.377445
-0.015470    -0.206322    -80.295910
 0.82803    -13.438703   -165.409870     -0.377445
-0.015470    -0.114690    -40.372737
 1.00000    -13.438703   -165.409870     -0.377445
-0.015470    -0.426698     -7.984496

 COMB      DL ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     7.776544     77.008562      0.836333
0.014078     1.545745   266.479787
 0.48408     7.776544     77.008562      0.836333
0.014078     0.975300   216.829318
 0.65605     7.776544     77.008562      0.836333
0.014078     0.412377   188.359063
 0.82803     7.776544     77.008562      0.836333
0.014078     0.087158   212.591410
 1.00000     7.776544     77.008562      0.836333
0.014078     0.439894   248.756740

 COMB      DL ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211    -11.769473   -153.128902     -0.522504
-0.014433    -1.000544   -243.900618
 0.48408    -11.769473   -153.128902     -0.522504
-0.014433    -0.640659   -141.378103
 0.65605    -11.769473   -153.128902     -0.522504
-0.014433    -0.280860    -78.418745
 0.82803    -11.769473   -153.128902     -0.522504
-0.014433    -0.183929    -42.668226
 1.00000    -11.769473   -153.128902     -0.522504
-0.014433    -0.758709     -9.409477

 COMB      CAR ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     8.785205     77.008562      0.836333
0.015389     1.545745   266.479787
 0.48408     8.785205     77.008562      0.836333
0.015389     0.975300   216.829318
 0.65605     8.785205     77.008562      0.836333
0.015389     0.412377   188.359063
 0.82803     8.785205     77.008562      0.836333
0.015389     0.087158   212.591410
 1.00000     8.785205     77.008562      0.836333
0.015389     0.439894   248.756740
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 COMB      CAR ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211    -13.438703   -165.409870     -0.522504
-0.015470    -1.000544   -248.127621
 0.48408    -13.438703   -165.409870     -0.522504
-0.015470    -0.640659   -142.583287
 0.65605    -13.438703   -165.409870     -0.522504
-0.015470    -0.280860    -80.295910
 0.82803    -13.438703   -165.409870     -0.522504
-0.015470    -0.183929    -42.668226
 1.00000    -13.438703   -165.409870     -0.522504
-0.015470    -0.758709     -9.409477

 COMB    DESIGN ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211     8.785205     77.008562      0.836333
0.015389     1.545745   266.479787
 0.48408     8.785205     77.008562      0.836333
0.015389     0.975300   216.829318
 0.65605     8.785205     77.008562      0.836333
0.015389     0.412377   188.359063
 0.82803     8.785205     77.008562      0.836333
0.015389     0.087158   212.591410
 1.00000     8.785205     77.008562      0.836333
0.015389     0.439894   248.756740

 COMB    DESIGN ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.31211    -13.438703   -165.409870     -0.522504
-0.015470    -1.000544   -248.127621
 0.48408    -13.438703   -165.409870     -0.522504
-0.015470    -0.640659   -142.583287
 0.65605    -13.438703   -165.409870     -0.522504
-0.015470    -0.280860    -80.295910
 0.82803    -13.438703   -165.409870     -0.522504
-0.015470    -0.183929    -42.668226
 1.00000    -13.438703   -165.409870     -0.522504
-0.015470    -0.758709     -9.409477

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 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     6.494059     47.595346      0.206441
0.001918     0.174958     1.064718
 0.17197     6.494059     47.595346      0.206441
0.001918     0.032653     1.578148
 0.34395     6.494059     47.595346      0.206441
0.001918     0.116705     2.050576
 0.51592     6.494059     47.595346      0.206441
0.001918     0.268568     2.654172
 0.68789     6.494059     47.595346      0.206441
0.001918     0.420417     3.229455

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -0.534604    -0.904722     -0.220473
-2.19E-05    -0.186995    -4.847699
 0.17197    -0.534604    -0.904722     -0.220473
-2.19E-05    -0.035028   -37.552885
 0.34395    -0.534604    -0.904722     -0.220473
-2.19E-05    -0.109398   -70.277882
 0.51592    -0.534604    -0.904722     -0.220473
-2.19E-05    -0.251626   -103.017054
 0.68789    -0.534604    -0.904722     -0.220473
-2.19E-05    -0.393813   -135.788804

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    13.132707    166.424827      0.338740
0.015279     0.293520   214.686850
 0.17197    13.132707    166.424827      0.338740
0.015279     0.061557   135.956093
 0.34395    13.132707    166.424827      0.338740
0.015279     0.153568    67.261467
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 REL DIST            P            V2            V3
    T            M2           M3
 0.51592    13.132707    166.424827      0.338740
0.015279     0.353174    51.424840
 0.68789    13.132707    166.424827      0.338740
0.015279     0.552716    55.784182

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -1.223913    -10.979198     -0.296818
-0.013120    -0.292412     -0.038357
 0.17197    -1.223913    -10.979198     -0.296818
-0.013120    -0.087831    -32.599991
 0.34395    -1.223913    -10.979198     -0.296818
-0.013120    -0.185793    -77.480052
 0.51592    -1.223913    -10.979198     -0.296818
-0.013120    -0.418047   -140.746774
 0.68789    -1.223913    -10.979198     -0.296818
-0.013120    -0.651320   -247.676640

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    12.679374    161.468403      0.434506
0.015307     0.367552   244.479708
 0.17197    12.679374    161.468403      0.434506
0.015307     0.073258   196.508094
 0.34395    12.679374    161.468403      0.434506
0.015307     0.196191   157.132488
 0.51592    12.679374    161.468403      0.434506
0.015307     0.451449   171.779375
 0.68789    12.679374    161.468403      0.434506
0.015307     0.706592   207.066632

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -6.089087    -55.995450     -0.377701
-0.014505    -0.361970     -0.040808
 0.17197    -6.089087    -55.995450     -0.377701
-0.014505    -0.101491    -29.660072
 0.34395    -6.089087    -55.995450     -0.377701
-0.014505    -0.244822    -69.439809
 0.51592    -6.089087    -55.995450     -0.377701
-0.014505    -0.542374   -128.011543
 0.68789    -6.089087    -55.995450     -0.377701
-0.014505    -0.841848   -231.207937

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     0.506004     1.049978      0.163173
3.16E-05     0.138499     1.061649
 0.17197     0.506004     1.049978      0.163173
3.16E-05     0.026088    25.026774
 0.34395     0.506004     1.049978      0.163173
3.16E-05     0.094376    57.242622
 0.51592     0.506004     1.049978      0.163173
3.16E-05     0.217438    89.539786
 0.68789     0.506004     1.049978      0.163173
3.16E-05     0.340456   121.886296

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -6.705615    -47.028012     -0.178614
-0.002045    -0.151647     -7.959038
 0.17197    -6.705615    -47.028012     -0.178614
-0.002045    -0.028371     -1.505717
 0.34395    -6.705615    -47.028012     -0.178614
-0.002045    -0.088864     -1.760619
 0.51592    -6.705615    -47.028012     -0.178614
-0.002045    -0.198674     -2.343493
 0.68789    -6.705615    -47.028012     -0.178614
-0.002045    -0.311062     -2.959074

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     5.568047     101.533868      0.293323
0.012932     0.248038   211.102475
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F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 REL DIST            P            V2            V3
    T            M2           M3
 0.17197     5.568047     101.533868      0.293323
0.012932     0.053313   186.551372
 0.34395     5.568047     101.533868      0.293323
0.012932     0.125048   162.291640
 0.51592     5.568047     101.533868      0.293323
0.012932     0.288010   190.891368
 0.68789     5.568047     101.533868      0.293323
0.012932     0.450834   239.688292

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000    -9.014469    -75.367966     -0.243481
-0.015281    -0.247366     -0.006355
 0.17197    -9.014469    -75.367966     -0.243481
-0.015281    -0.079224     -0.038118
 0.34395    -9.014469    -75.367966     -0.243481
-0.015281    -0.171233     -0.079790
 0.51592    -9.014469    -75.367966     -0.243481
-0.015281    -0.371921    -18.521179
 0.68789    -9.014469    -75.367966     -0.243481
-0.015281    -0.573807    -80.625176

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     10.389673    148.853984      0.400354
0.014574     0.340362   243.096753
 0.17197     10.389673    148.853984      0.400354
0.014574     0.070743   193.535041
 0.34395     10.389673    148.853984      0.400354
0.014574     0.187695   158.535031
 0.51592     10.389673    148.853984      0.400354
0.014574     0.432103   181.734645
 0.68789     10.389673    148.853984      0.400354
0.014574     0.676369   225.574974

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -8.457875    -68.419415     -0.361884
-0.015622    -0.348641     -0.006239
 0.17197     -8.457875    -68.419415     -0.361884
-0.015622    -0.098935     -2.309857
 0.34395     -8.457875    -68.419415     -0.361884
-0.015622    -0.226856    -33.260567
 0.51592     -8.457875    -68.419415     -0.361884
-0.015622    -0.501281    -83.179964
 0.68789     -8.457875    -68.419415     -0.361884
-0.015622    -0.776902   -177.723634

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     5.709804     48.653109      0.422962
0.002026     0.364790     1.334274
 0.17197     5.709804     48.653109      0.422962
0.002026     0.072396     1.881862
 0.34395     5.709804     48.653109      0.422962
0.002026     0.162061     2.433118
 0.51592     5.709804     48.653109      0.422962
0.002026     0.373556     3.009965
 0.68789     5.709804     48.653109      0.422962
0.002026     0.584893     3.599634

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -0.458369    -0.917937     -0.306761
-2.07E-05    -0.260041     -5.867415
 0.17197     -0.458369    -0.917937     -0.306761
-2.07E-05    -0.048358    -39.340470
 0.34395     -0.458369    -0.917937     -0.306761
-2.07E-05    -0.217159    -72.810154
 0.51592     -0.458369    -0.917937     -0.306761
-2.07E-05    -0.508725   -106.275239
 0.68789     -0.458369    -0.917937     -0.306761
-2.07E-05    -0.800180   -139.749084
 Program    SAP2000    Nonlinear    Version    7.42
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F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     11.483878    154.102998      0.648145
0.014224     0.559835   215.013110
 0.17197     11.483878    154.102998      0.648145
0.014224     0.113873   143.593487
 0.34395     11.483878    154.102998      0.648145
0.014224     0.214029    84.733415
 0.51592     11.483878    154.102998      0.648145
0.014224     0.496822    68.092661
 0.68789     11.483878    154.102998      0.648145
0.014224     0.779745    72.418622

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.179685    -11.508872     -0.413617
-0.012013    -0.389942     -0.032268
 0.17197     -1.179685    -11.508872     -0.413617
-0.012013    -0.104932    -30.365080
 0.34395     -1.179685    -11.508872     -0.413617
-0.012013    -0.347782    -75.068466
 0.51592     -1.179685    -11.508872     -0.413617
-0.012013    -0.791499   -139.033829
 0.68789     -1.179685    -11.508872     -0.413617
-0.012013    -1.235939   -242.210066

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     11.006181    147.123075      0.811722
0.013963     0.685939   248.797024
 0.17197     11.006181    147.123075      0.811722
0.013963     0.131058   209.918856
 0.34395     11.006181    147.123075      0.811722
0.013963     0.269946   181.738280
 0.51592     11.006181    147.123075      0.811722
0.013963     0.625883   195.745762
 0.68789     11.006181    147.123075      0.811722
0.013963     0.982087   230.723993

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -5.444830    -56.022432     -0.520146
-0.013204    -0.481606     -0.034852
 0.17197     -5.444830    -56.022432     -0.520146
-0.013204    -0.124496    -27.709538
 0.34395     -5.444830    -56.022432     -0.520146
-0.013204    -0.448155    -67.530773
 0.51592     -5.444830    -56.022432     -0.520146
-0.013204    -1.004214   -126.581925
 0.68789     -5.444830    -56.022432     -0.520146
-0.013204    -1.561279   -224.831696

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     0.442022     1.041198      0.311992
2.83E-05     0.257669     1.320528
 0.17197     0.442022     1.041198      0.311992
2.83E-05     0.043265    25.099057
 0.34395     0.442022     1.041198      0.311992
2.83E-05     0.128623    57.735687
 0.51592     0.442022     1.041198      0.311992
2.83E-05     0.297218    90.696659
 0.68789     0.442022     1.041198      0.311992
2.83E-05     0.465532   123.763031

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -5.915748    -48.088669     -0.244216
-0.002161    -0.206954     -9.387631
 0.17197     -5.915748    -48.088669     -0.244216
-0.002161    -0.038802     -1.705272
```

0.34395 -5.915748 -48.088669 -0.244216
-0.002161 -0.172906 -1.841581
0.51592 -5.915748 -48.088669 -0.244216
-0.002161 -0.387066 -2.374861
0.68789 -5.915748 -48.088669 -0.244216
-0.002161 -0.601935 -2.980182

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.875320	88.960008	0.516227
0.011756	0.429483	210.962389	
0.17197	4.875320	88.960008	0.516227
0.011756	0.079172	196.713382	
0.34395	4.875320	88.960008	0.516227
0.011756	0.171006	182.732083	
0.51592	4.875320	88.960008	0.516227
0.011756	0.398513	210.762866	
0.68789	4.875320	88.960008	0.516227
0.011756	0.626123	259.704346	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.035076	-76.180665	-0.333108
-0.014317	-0.321615	-0.005160	
0.17197	-8.035076	-76.180665	-0.333108
-0.014317	-0.093042	-0.044192	
0.34395	-8.035076	-76.180665	-0.333108
-0.014317	-0.299124	-0.088087	
0.51592	-8.035076	-76.180665	-0.333108
-0.014317	-0.651428	-19.203746	
0.68789	-8.035076	-76.180665	-0.333108
-0.014317	-1.004883	-77.469726	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.983900	133.727745	0.756063
0.013140	0.634494	247.077762	
0.17197	8.983900	133.727745	0.756063
0.013140	0.117663	204.079188	
0.34395	8.983900	133.727745	0.756063
0.013140	0.256720	181.437452	
0.51592	8.983900	133.727745	0.756063
0.013140	0.596090	203.570010	
0.68789	8.983900	133.727745	0.756063
0.013140	0.935547	247.130169	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.532964	-69.163244	-0.495487
-0.014313	-0.459509	-0.005373	
0.17197	-7.532964	-69.163244	-0.495487
-0.014313	-0.118605	-1.416735	
0.34395	-7.532964	-69.163244	-0.495487
-0.014313	-0.423837	-28.507986	
0.51592	-7.532964	-69.163244	-0.495487
-0.014313	-0.941572	-77.448100	
0.68789	-7.532964	-69.163244	-0.495487
-0.014313	-1.460315	-166.046235	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.132707	166.424827	0.434506
0.015307	0.367552	244.479708	
0.17197	13.132707	166.424827	0.434506
0.015307	0.073258	196.508094	
0.34395	13.132707	166.424827	0.434506
0.015307	0.196191	162.291640	
0.51592	13.132707	166.424827	0.434506
0.015307	0.451449	190.891368	
0.68789	13.132707	166.424827	0.434506
0.015307	0.706592	239.688292	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.014469	-75.367966	-0.377701
-0.015622	-0.361970	-7.959038	
0.17197	-9.014469	-75.367966	-0.377701
-0.015622	-0.101491	-37.552885	
0.34395	-9.014469	-75.367966	-0.377701
-0.015622	-0.244822	-77.480052	
0.51592	-9.014469	-75.367966	-0.377701
-0.015622	-0.542701	-140.746774	
0.68789	-9.014469	-75.367966	-0.377701
-0.015622	-0.841848	-247.676640	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.483878	154.102998	0.811722
0.014224	0.685939	248.797024	
0.17197	11.483878	154.102998	0.811722
0.014224	0.131058	209.918856	
0.34395	11.483878	154.102998	0.811722
0.014224	0.269946	182.732083	
0.51592	11.483878	154.102998	0.811722
0.014224	0.625883	210.762866	
0.68789	11.483878	154.102998	0.811722
0.014224	0.982087	259.704346	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.035076	-76.180665	-0.520146
-0.014317	-0.481606	-9.387631	
0.17197	-8.035076	-76.180665	-0.520146
-0.014317	-0.124496	-39.340470	
0.34395	-8.035076	-76.180665	-0.520146
-0.014317	-0.448155	-75.068466	
0.51592	-8.035076	-76.180665	-0.520146
-0.014317	-1.004214	-139.033829	
0.68789	-8.035076	-76.180665	-0.520146
-0.014317	-1.561279	-242.210066	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.132707	166.424827	0.811722
0.015307	0.685939	248.797024	
0.17197	13.132707	166.424827	0.811722
0.015307	0.131058	209.918856	
0.34395	13.132707	166.424827	0.811722
0.015307	0.269946	182.732083	
0.51592	13.132707	166.424827	0.811722
0.015307	0.625883	210.762866	
0.68789	13.132707	166.424827	0.811722
0.015307	0.982087	259.704346	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.014469	-76.180665	-0.520146
-0.015622	-0.481606	-9.387631	
0.17197	-9.014469	-76.180665	-0.520146
-0.015622	-0.124496	-39.340470	
0.34395	-9.014469	-76.180665	-0.520146
-0.015622	-0.448155	-77.480052	
0.51592	-9.014469	-76.180665	-0.520146
-0.015622	-1.004214	-140.746774	
0.68789	-9.014469	-76.180665	-0.520146
-0.015622	-1.561279	-247.676640	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.132707	166.424827	0.811722
0.015307	0.685939	248.797024	
0.17197	13.132707	166.424827	0.811722
0.015307	0.131058	209.918856	
0.34395	13.132707	166.424827	0.811722
0.015307	0.269946	182.732083	
0.51592	13.132707	166.424827	0.811722
0.015307	0.625883	210.762866	
0.68789	13.132707	166.424827	0.811722
0.015307	0.982087	259.704346	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.014469	-76.180665	-0.520146
-0.015622	-0.481606	-9.387631	
0.17197	-9.014469	-76.180665	-0.520146
-0.015622	-0.124496	-39.340470	
0.34395	-9.014469	-76.180665	-0.520146
-0.015622	-0.448155	-77.480052	
0.51592	-9.014469	-76.180665	-0.520146
-0.015622	-1.004214	-140.746774	
0.68789	-9.014469	-76.180665	-0.520146
-0.015622	-1.561279	-247.676640	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 75 ========== LENGTH = 4.005442

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	5.668230	51.179949	0.202682
0.001391	0.386666	136.296831	
0.48406	5.668230	51.179949	0.202682
0.001391	0.247060	101.077065	
0.65604	5.668230	51.179949	0.202682
0.001391	0.107440	65.888531	
0.82802	5.668230	51.179949	0.202682
0.001391	0.033654	30.745203	
1.00000	5.668230	51.179949	0.202682
0.001391	0.180339	1.000836	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-0.702575	-1.434602	-0.212913
-0.000507	-0.406312	-3.413119	
0.48406	-0.702575	-1.434602	-0.212913
-0.000507	-0.259644	-2.434710	
0.65604	-0.702575	-1.434602	-0.212913
-0.000507	-0.112964	-1.493760	
0.82802	-0.702575	-1.434602	-0.212913
-0.000507	-0.032056	-1.075983	
1.00000	-0.702575	-1.434602	-0.212913
-0.000507	-0.171805	-4.964545	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	7.710330	79.913462	0.329918
0.014407	0.588950	255.846444	
0.48406	7.710330	79.913462	0.329918
0.014407	0.363684	202.870745	
0.65604	7.710330	79.913462	0.329918
0.014407	0.155831	170.437257	
0.82802	7.710330	79.913462	0.329918
0.014407	0.051823	191.046095	
1.00000	7.710330	79.913462	0.329918
0.014407	0.243705	211.851796	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-5.898556	-101.293063	-0.292953
-0.013370	-0.563485	-82.133725	
0.48406	-5.898556	-101.293063	-0.292953
-0.013370	-0.361687	-19.863922	
0.65604	-5.898556	-101.293063	-0.292953
-0.013370	-0.159907	-0.534432	
0.82802	-5.898556	-101.293063	-0.292953
-0.013370	-0.092939	-0.177926	
1.00000	-5.898556	-101.293063	-0.292953
-0.013370	-0.320206	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	7.377131	72.643228	0.405938
0.015039	0.733121	238.948908	
0.48406	7.377131	72.643228	0.405938
0.015039	0.455531	191.105319	
0.65604	7.377131	72.643228	0.405938
0.015039	0.195740	165.233724	
0.82802	7.377131	72.643228	0.405938
0.015039	0.065099	195.475295	
1.00000	7.377131	72.643228	0.405938
0.015039	0.315188	240.427379	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-10.271904	-149.704853	-0.377426
-0.014675	-0.724767	-185.287546	
0.48406	-10.271904	-149.704853	-0.377426
-0.014675	-0.464772	-89.856539	
0.65604	-10.271904	-149.704853	-0.377426
-0.014675	-0.204734	-38.320346	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.82802	-10.271904	-149.704853	-0.377426
-0.014675	-0.105881	-6.132266	
1.00000	-10.271904	-149.704853	-0.377426
-0.014675	-0.385506	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	0.710798	1.397006	0.167807
0.000426	0.320193	4.557495	
0.48406	0.710798	1.397006	0.167807
0.000426	0.204599	3.625353	
0.65604	0.710798	1.397006	0.167807
0.000426	0.089001	2.691726	
0.82802	0.710798	1.397006	0.167807
0.000426	0.028653	1.824936	
1.00000	0.710798	1.397006	0.167807
0.000426	0.154529	1.048468	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-5.764023	-50.687388	-0.182385
-0.001438	-0.348015	-147.595207	
0.48406	-5.764023	-50.687388	-0.182385
-0.001438	-0.222377	-112.689066	
0.65604	-5.764023	-50.687388	-0.182385
-0.001438	-0.096695	-77.819826	
0.82802	-5.764023	-50.687388	-0.182385
-0.001438	-0.026728	-42.971526	
1.00000	-5.764023	-50.687388	-0.182385
-0.001438	-0.142189	-8.180543	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	1.371175	11.327236	0.286362
0.013471	0.505890	56.128073	
0.48406	1.371175	11.327236	0.286362
0.013471	0.310621	50.398834	
0.65604	1.371175	11.327236	0.286362
0.013471	0.132762	65.559231	
0.82802	1.371175	11.327236	0.286362
0.013471	0.045267	133.790736	
1.00000	1.371175	11.327236	0.286362
0.013471	0.210623	208.099037	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-12.371340	-169.010930	-0.253834
-0.014626	-0.488778	-261.328149	
0.48406	-12.371340	-169.010930	-0.253834
-0.014626	-0.313907	-152.385259	
0.65604	-12.371340	-169.010930	-0.253834
-0.014626	-0.139009	-86.386899	
0.82802	-12.371340	-169.010930	-0.253834
-0.014626	-0.086177	-39.287520	
1.00000	-12.371340	-169.010930	-0.253834
-0.014626	-0.283277	-0.013984	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	5.547126	58.489023	0.392042
0.014411	0.706682	214.293686	
0.48406	5.547126	58.489023	0.392042
0.014411	0.438655	176.126489	
0.65604	5.547126	58.489023	0.392042
0.014411	0.188409	159.149881	
0.82802	5.547126	58.489023	0.392042
0.014411	0.063165	196.591544	
1.00000	5.547126	58.489023	0.392042
0.014411	0.305793	238.963703	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-12.133605	-163.831962	-0.366299
-0.014881	-0.703507	-243.440503	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.48406	-12.133605	-163.831962	-0.366299
-0.014881	-0.451163	-138.436364	
0.65604	-12.133605	-163.831962	-0.366299
-0.014881	-0.198786	-77.363915	
0.82802	-12.133605	-163.831962	-0.366299
-0.014881	-0.106378	-35.607040	
1.00000	-12.133605	-163.831962	-0.366299
-0.014881	-0.373728	-0.013146	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	4.941584	55.845044	0.353425
0.001332	0.670022	148.295171	
0.48406	4.941584	55.845044	0.353425
0.001332	0.426481	109.865790	
0.65604	4.941584	55.845044	0.353425
0.001332	0.182833	71.489965	
0.82802	4.941584	55.845044	0.353425
0.001332	0.045720	33.399479	
1.00000	4.941584	55.845044	0.353425
0.001332	0.248674	1.306574	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-0.579059	-1.597504	-0.294327
-0.000426	-0.561957	-3.905295	
0.48406	-0.579059	-1.597504	-0.294327
-0.000426	-0.359167	-3.011269	
0.65604	-0.579059	-1.597504	-0.294327
-0.000426	-0.156339	-2.168492	
0.82802	-0.579059	-1.597504	-0.294327
-0.000426	-0.059193	-1.648984	
1.00000	-0.579059	-1.597504	-0.294327
-0.000426	-0.303454	-6.327810	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	6.803164	85.134495	0.541716
0.013207	0.985370	291.124593	
0.48406	6.803164	85.134495	0.541716
0.013207	0.613631	235.651197	
0.65604	6.803164	85.134495	0.541716
0.013207	0.257514	200.499654	
0.82802	6.803164	85.134495	0.541716
0.013207	0.068454	207.841194	
1.00000	6.803164	85.134495	0.541716
0.013207	0.334749	215.084177	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-5.119941	-88.877869	-0.399349
-0.012192	-0.766662	-79.269934	
0.48406	-5.119941	-88.877869	-0.399349
-0.012192	-0.491826	-20.751102	
0.65604	-5.119941	-88.877869	-0.399349
-0.012192	-0.217749	-0.616231	
0.82802	-5.119941	-88.877869	-0.399349
-0.012192	-0.134138	-0.184600	
1.00000	-5.119941	-88.877869	-0.399349
-0.012192	-0.507672	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	6.505912	77.562824	0.679106
0.013479	1.246983	274.958387	
0.48406	6.505912	77.562824	0.679106
0.013479	0.780635	225.110161	
0.65604	6.505912	77.562824	0.679106
0.013479	0.330014	196.005245	
0.82802	6.505912	77.562824	0.679106
0.013479	0.085253	211.496960	
1.00000	6.505912	77.562824	0.679106
0.013479	0.429178	249.016234	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-8.838117	-137.226721	-0.510984
-0.013164	-0.979805	-179.181874	
0.48406	-8.838117	-137.226721	-0.510984
-0.013164	-0.628274	-87.756938	
0.65604	-8.838117	-137.226721	-0.510984
-0.013164	-0.277119	-35.137832	
0.82802	-8.838117	-137.226721	-0.510984
-0.013164	-0.156834	-4.299936	
1.00000	-8.838117	-137.226721	-0.510984
-0.013164	-0.624783	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	0.588981	1.602459	0.280133
0.000357	0.538433	5.423300	
0.48406	0.588981	1.602459	0.280133
0.000357	0.345517	4.368766	
0.65604	0.588981	1.602459	0.280133
0.000357	0.152611	3.296798	
0.82802	0.588981	1.602459	0.280133
0.000357	0.038538	2.248404	
1.00000	0.588981	1.602459	0.280133
0.000357	0.210057	1.354332	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-5.038035	-55.557754	-0.248212
-0.001408	-0.473452	-162.814607	
0.48406	-5.038035	-55.557754	-0.248212
-0.001408	-0.302405	-124.559622	
0.65604	-5.038035	-55.557754	-0.248212
-0.001408	-0.131002	-86.325223	
0.82802	-5.038035	-55.557754	-0.248212
-0.001408	-0.040378	-48.117287	
1.00000	-5.038035	-55.557754	-0.248212
-0.001408	-0.233559	-9.986369	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	1.276988	12.124706	0.450565
0.012247	0.821499	76.724222	
0.48406	1.276988	12.124706	0.450565
0.012247	0.512669	71.684760	
0.65604	1.276988	12.124706	0.450565
0.012247	0.219569	86.952816	
0.82802	1.276988	12.124706	0.450565
0.012247	0.058301	144.789137	
1.00000	1.276988	12.124706	0.450565
0.012247	0.283176	210.954083	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-10.786973	-161.249518	-0.337135
-0.013454	-0.646269	-268.773234	
0.48406	-10.786973	-161.249518	-0.337135
-0.013454	-0.414069	-160.399393	
0.65604	-10.786973	-161.249518	-0.337135
-0.013454	-0.182416	-90.404234	
0.82802	-10.786973	-161.249518	-0.337135
-0.013454	-0.111679	-40.134559	
1.00000	-10.786973	-161.249518	-0.337135
-0.013454	-0.420878	-0.016309	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	4.893217	61.159501	0.646941
0.012881	1.189003	248.995444	
0.48406	4.893217	61.159501	0.646941
0.012881	0.744894	210.374414	
0.65604	4.893217	61.159501	0.646941
0.012881	0.316726	192.058505	
0.82802	4.893217	61.159501	0.646941
0.012881	0.081442	216.303578	
1.00000	4.893217	61.159501	0.646941
0.012881	0.413671	247.282816	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-10.481621	-153.769571	-0.493726
-0.013433	-0.947520	-248.629436	
0.48406	-10.481621	-153.769571	-0.493726
-0.013433	-0.607548	-145.741232	
0.65604	-10.481621	-153.769571	-0.493726
-0.013433	-0.268735	-81.264077	
0.82802	-10.481621	-153.769571	-0.493726
-0.013433	-0.150896	-36.491493	
1.00000	-10.481621	-153.769571	-0.493726
-0.013433	-0.594606	-0.015373	

COMB DB ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.710330	79.913462	0.405938
0.015039	0.733121	255.846444	
0.48406	7.710330	79.913462	0.405938
0.015039	0.455531	202.870745	
0.65604	7.710330	79.913462	0.405938
0.015039	0.195740	170.437257	
0.82802	7.710330	79.913462	0.405938
0.015039	0.065099	196.591544	
1.00000	7.710330	79.913462	0.405938
0.015039	0.315188	240.427379	

COMB DB ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.371340	-169.010930	-0.377426
-0.014881	-0.724767	-261.328149	
0.48406	-12.371340	-169.010930	-0.377426
-0.014881	-0.464772	-152.385259	
0.65604	-12.371340	-169.010930	-0.377426
-0.014881	-0.204734	-86.386899	
0.82802	-12.371340	-169.010930	-0.377426
-0.014881	-0.106378	-42.971526	
1.00000	-12.371340	-169.010930	-0.377426
-0.014881	-0.385506	-8.180543	

COMB DL ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	6.803164	85.134495	0.679106
0.013479	1.246983	291.124593	
0.48406	6.803164	85.134495	0.679106
0.013479	0.780635	235.651197	
0.65604	6.803164	85.134495	0.679106
0.013479	0.330014	200.499654	
0.82802	6.803164	85.134495	0.679106
0.013479	0.085253	216.303578	
1.00000	6.803164	85.134495	0.679106
0.013479	0.429178	249.016234	

COMB DL ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-10.786973	-161.249518	-0.510984
-0.013454	-0.979805	-268.773234	
0.48406	-10.786973	-161.249518	-0.510984
-0.013454	-0.628274	-160.399393	
0.65604	-10.786973	-161.249518	-0.510984
-0.013454	-0.277119	-90.404234	
0.82802	-10.786973	-161.249518	-0.510984
-0.013454	-0.156834	-48.117287	
1.00000	-10.786973	-161.249518	-0.510984
-0.013454	-0.624783	-9.986369	

COMB CAR ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.710330	85.134495	0.679106
0.015039	1.246983	291.124593	
0.48406	7.710330	85.134495	0.679106
0.015039	0.780635	235.651197	
0.65604	7.710330	85.134495	0.679106
0.015039	0.330014	200.499654	
0.82802	7.710330	85.134495	0.679106
0.015039	0.085253	216.303578	
1.00000	7.710330	85.134495	0.679106
0.015039	0.429178	249.016234	

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COMB CAR ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.371340	-169.010930	-0.510984
-0.014881	-0.979805	-268.773234	
0.48406	-12.371340	-169.010930	-0.510984
-0.014881	-0.628274	-160.399393	
0.65604	-12.371340	-169.010930	-0.510984
-0.014881	-0.277119	-90.404234	
0.82802	-12.371340	-169.010930	-0.510984
-0.014881	-0.156834	-48.117287	
1.00000	-12.371340	-169.010930	-0.510984
-0.014881	-0.624783	-9.986369	

COMB DESIGN ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.710330	85.134495	0.679106
0.015039	1.246983	291.124593	
0.48406	7.710330	85.134495	0.679106
0.015039	0.780635	235.651197	
0.65604	7.710330	85.134495	0.679106
0.015039	0.330014	200.499654	
0.82802	7.710330	85.134495	0.679106
0.015039	0.085253	216.303578	
1.00000	7.710330	85.134495	0.679106
0.015039	0.429178	249.016234	

COMB DESIGN ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.371340	-169.010930	-0.510984
-0.014881	-0.979805	-268.773234	
0.48406	-12.371340	-169.010930	-0.510984
-0.014881	-0.628274	-160.399393	
0.65604	-12.371340	-169.010930	-0.510984
-0.014881	-0.277119	-90.404234	
0.82802	-12.371340	-169.010930	-0.510984
-0.014881	-0.156834	-48.117287	
1.00000	-12.371340	-169.010930	-0.510984
-0.014881	-0.624783	-9.986369	

ELEM 76 ========== LENGTH = 4.004486

COMB DB-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.626614	50.857514	0.202476
0.001368	0.171605	1.010835	
0.17196	5.626614	50.857514	0.202476
0.001368	0.032094	1.531809	
0.34393	5.626614	50.857514	0.202476
0.001368	0.112704	2.367801	
0.51589	5.626614	50.857514	0.202476
0.001368	0.259291	3.277085	
0.68785	5.626614	50.857514	0.202476
0.001368	0.405866	4.222587	

COMB DB-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709751	-1.377752	-0.212854
-0.000526	-0.180441	-4.938958	
0.17196	-0.709751	-1.377752	-0.212854
-0.000526	-0.033854	-39.889932	
0.34393	-0.709751	-1.377752	-0.212854
-0.000526	-0.107373	-74.852901	
0.51589	-0.709751	-1.377752	-0.212854
-0.000526	-0.246805	-109.831742	
0.68785	-0.709751	-1.377752	-0.212854
-0.000526	-0.386232	-144.842976	

COMB DB-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.043803	169.605200	0.306372
0.014534	0.267675	211.529378	
0.17196	12.043803	169.605200	0.306372
0.014534	0.056488	133.196343	
0.34393	12.043803	169.605200	0.306372
0.014534	0.148566	64.740745	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51589	12.043803	169.605200	0.306372
0.014534	0.347178	49.706822	
0.68785	12.043803	169.605200	0.306372
0.014534	0.545878	54.965902	

COMB DB-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.453931	-11.073364	-0.290736
-0.013524	-0.287297	.000000	
0.17196	-1.453931	-11.073364	-0.290736
-0.013524	-0.087065	-35.770307	
0.34393	-1.453931	-11.073364	-0.290736
-0.013524	-0.171641	-83.048490	
0.51589	-1.453931	-11.073364	-0.290736
-0.013524	-0.377767	-149.631187	
0.68785	-1.453931	-11.073364	-0.290736
-0.013524	-0.588158	-259.457376	

COMB DB-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.807997	164.393349	0.382457
0.014801	0.332599	240.114401	
0.17196	11.807997	164.393349	0.382457
0.014801	0.068967	193.943379	
0.34393	11.807997	164.393349	0.382457
0.014801	0.193009	156.123376	
0.51589	11.807997	164.393349	0.382457
0.014801	0.449886	172.933810	
0.68785	11.807997	164.393349	0.382457
0.014801	0.706789	210.575125	

COMB DB-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.771595	-57.977003	-0.375297
-0.014503	-0.360029	-0.000827	
0.17196	-5.771595	-57.977003	-0.375297
-0.014503	-0.101312	-32.462867	
0.34393	-5.771595	-57.977003	-0.375297
-0.014503	-0.211886	-74.376712	
0.51589	-5.771595	-57.977003	-0.375297
-0.014503	-0.470298	-136.020203	
0.68785	-5.771595	-57.977003	-0.375297
-0.014503	-0.733071	-241.859514	

COMB DB-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.705045	1.454189	0.168379
0.000517	0.143108	1.051901	
0.17196	0.705045	1.454189	0.168379
0.000517	0.027095	27.501908	
0.34393	0.705045	1.454189	0.168379
0.000517	0.096407	62.516735	
0.51589	0.705045	1.454189	0.168379
0.000517	0.222229	97.576555	
0.68785	0.705045	1.454189	0.168379
0.000517	0.348007	132.668210	

COMB DB-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.805875	-51.012809	-0.182653
-0.001461	-0.155127	-8.155669	
0.17196	-5.805875	-51.012809	-0.182653
-0.001461	-0.029095	-1.081356	
0.34393	-5.805875	-51.012809	-0.182653
-0.001461	-0.088787	-1.353897	
0.51589	-5.805875	-51.012809	-0.182653
-0.001461	-0.204750	-2.226921	
0.68785	-5.805875	-51.012809	-0.182653
-0.001461	-0.320699	-3.210595	

COMB DB-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.755935	101.610691	0.263885
0.013368	0.232085	207.775597	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.17196	5.755935	101.610691	0.263885
0.013368	0.050308	186.608662	
0.34393	5.755935	101.610691	0.263885
0.013368	0.127657	165.568590	
0.51589	5.755935	101.610691	0.263885
0.013368	0.299809	197.950370	
0.68785	5.755935	101.610691	0.263885
0.013368	0.471958	250.487103	

COMB DB-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.976812	-79.388742	-0.252149
-0.014515	-0.254935	-0.021418	
0.17196	-7.976812	-79.388742	-0.252149
-0.014515	-0.080816	.000000	
0.34393	-7.976812	-79.388742	-0.252149
-0.014515	-0.148722	-0.254147	
0.51589	-7.976812	-79.388742	-0.252149
-0.014515	-0.325600	-19.976316	
0.68785	-7.976812	-79.388742	-0.252149
-0.014515	-0.506741	-82.980827	

COMB DB-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.986663	150.284606	0.368883
0.014627	0.321260	238.650575	
0.17196	9.986663	150.284606	0.368883
0.014627	0.066839	191.761573	
0.34393	9.986663	150.284606	0.368883
0.014627	0.186991	160.952152	
0.51589	9.986663	150.284606	0.368883
0.014627	0.436248	186.570025	
0.68785	9.986663	150.284606	0.368883
0.014627	0.685534	233.984593	

COMB DB-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.641334	-72.152729	-0.364215
-0.015150	-0.350762	-0.019585	
0.17196	-7.641334	-72.152729	-0.364215
-0.015150	-0.099439	-4.260514	
0.34393	-7.641334	-72.152729	-0.364215
-0.015150	-0.204563	-36.523283	
0.51589	-7.641334	-72.152729	-0.364215
-0.015150	-0.453654	-88.658098	
0.68785	-7.641334	-72.152729	-0.364215
-0.015150	-0.707089	-185.005242	

COMB DL-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.906086	55.569224	0.352202
0.001314	0.304777	1.319941	
0.17196	4.906086	55.569224	0.352202
0.001314	0.061475	1.901996	
0.34393	4.906086	55.569224	0.352202
0.001314	0.155333	2.864925	
0.51589	4.906086	55.569224	0.352202
0.001314	0.355476	3.916281	
0.68785	4.906086	55.569224	0.352202
0.001314	0.556111	4.997318	

COMB DL-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.588266	-1.574076	-0.291650
-0.000399	-0.246927	-6.307274	
0.17196	-0.588266	-1.574076	-0.291650
-0.000399	-0.045880	-44.220207	
0.34393	-0.588266	-1.574076	-0.291650
-0.000399	-0.181051	-82.371273	
0.51589	-0.588266	-1.574076	-0.291650
-0.000399	-0.422949	-120.593735	
0.68785	-0.588266	-1.574076	-0.291650
-0.000399	-0.665274	-158.844910	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.473296	161.695105	0.515309
0.013353	0.448529	215.091916	
0.17196	10.473296	161.695105	0.515309
0.013353	0.093125	144.024406	
0.34393	10.473296	161.695105	0.515309
0.013353	0.204022	85.992637	
0.51589	10.473296	161.695105	0.515309
0.013353	0.470898	70.561716	
0.68785	10.473296	161.695105	0.515309
0.013353	0.740766	75.426186	

COMB DL-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.364394	-11.817984	-0.400156
-0.012287	-0.378957	.000000	
0.17196	-1.364394	-11.817984	-0.400156
-0.012287	-0.103359	-35.753308	
0.34393	-1.364394	-11.817984	-0.400156
-0.012287	-0.280543	-86.008721	
0.51589	-1.364394	-11.817984	-0.400156
-0.012287	-0.627966	-156.532037	
0.68785	-1.364394	-11.817984	-0.400156
-0.012287	-0.981637	-265.181463	

COMB DL-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.176760	154.210024	0.647159
0.013344	0.551226	249.040799	
0.17196	10.176760	154.210024	0.647159
0.013344	0.108515	213.582414	
0.34393	10.176760	154.210024	0.647159
0.013344	0.262803	189.037460	
0.51589	10.176760	154.210024	0.647159
0.013344	0.607924	206.996224	
0.68785	10.176760	154.210024	0.647159
0.013344	0.955842	245.322336	

COMB DL-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.125114	-60.700607	-0.513909
-0.012948	-0.478085	.000000	
0.17196	-5.125114	-60.700607	-0.513909
-0.012948	-0.126135	-32.557211	
0.34393	-5.125114	-60.700607	-0.513909
-0.012948	-0.360914	-77.319807	
0.51589	-5.125114	-60.700607	-0.513909
-0.012948	-0.798853	-142.321895	
0.68785	-5.125114	-60.700607	-0.513909
-0.012948	-1.243184	-245.454284	

COMB DL-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.581037	1.626143	0.267680
0.000435	0.219482	1.358361	
0.17196	0.581037	1.626143	0.267680
0.000435	0.037238	29.608216	
0.34393	0.581037	1.626143	0.267680
0.000435	0.130490	67.620083	
0.51589	0.581037	1.626143	0.267680
0.000435	0.301742	105.922161	
0.68785	0.581037	1.626143	0.267680
0.000435	0.472597	144.328797	

COMB DL-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.073923	-55.835558	-0.248080
-0.001402	-0.210254	-9.961451	
0.17196	-5.073923	-55.835558	-0.248080
-0.001402	-0.040941	-1.430727	
0.34393	-5.073923	-55.835558	-0.248080
-0.001402	-0.149426	-1.919060	
0.51589	-5.073923	-55.835558	-0.248080
-0.001402	-0.333659	-2.764385	
0.68785	-5.073923	-55.835558	-0.248080
-0.001402	-0.517974	-3.678422	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.991196	89.251323	0.413138
0.012179	0.346075	210.964965	
0.17196	4.991196	89.251323	0.413138
0.012179	0.065594	203.054168	
0.34393	4.991196	89.251323	0.413138
0.012179	0.171336	195.333606	
0.51589	4.991196	89.251323	0.413138
0.012179	0.399639	230.272420	
0.68785	4.991196	89.251323	0.413138
0.012179	0.630459	285.487686	

COMB DL-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.075863	-84.761007	-0.343241
-0.013306	-0.332228	-0.025239	
0.17196	-7.075863	-84.761007	-0.343241
-0.013306	-0.098066	.000000	
0.34393	-7.075863	-84.761007	-0.343241
-0.013306	-0.243311	-0.256729	
0.51589	-7.075863	-84.761007	-0.343241
-0.013306	-0.520196	-20.883974	
0.68785	-7.075863	-84.761007	-0.343241
-0.013306	-0.803407	-79.657983	

COMB DL-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.565971	137.754713	0.608169
0.013107	0.512097	247.311193	
0.17196	8.565971	137.754713	0.608169
0.013107	0.095941	207.653934	
0.34393	8.565971	137.754713	0.608169
0.013107	0.252696	191.274210	
0.51589	8.565971	137.754713	0.608169
0.013107	0.585817	220.068329	
0.68785	8.565971	137.754713	0.608169
0.013107	0.921788	269.623585	

COMB DL-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.770632	-77.194286	-0.495954
-0.013580	-0.461345	-0.023270	
0.17196	-6.770632	-77.194286	-0.495954
-0.013580	-0.121582	-2.804391	
0.34393	-6.770632	-77.194286	-0.495954
-0.013580	-0.345306	-33.017664	
0.51589	-6.770632	-77.194286	-0.495954
-0.013580	-0.756632	-86.152845	
0.68785	-6.770632	-77.194286	-0.495954
-0.013580	-1.174282	-177.893902	

COMB DB ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.043803	169.605200	0.382457
0.014801	0.332599	240.114401	
0.17196	12.043803	169.605200	0.382457
0.014801	0.068967	193.943379	
0.34393	12.043803	169.605200	0.382457
0.014801	0.193009	165.568590	
0.51589	12.043803	169.605200	0.382457
0.014801	0.449886	197.950370	
0.68785	12.043803	169.605200	0.382457
0.014801	0.706789	250.487103	

COMB DB ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.976812	-79.388742	-0.375297
-0.015150	-0.360029	-8.155669	
0.17196	-7.976812	-79.388742	-0.375297
-0.015150	-0.101312	-39.889932	
0.34393	-7.976812	-79.388742	-0.375297
-0.015150	-0.211886	-83.048490	
0.51589	-7.976812	-79.388742	-0.375297
-0.015150	-0.470298	-149.631187	
0.68785	-7.976812	-79.388742	-0.375297
-0.015150	-0.733071	-259.457376	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.473296	161.695105	0.647159
0.013353	0.551226	249.040799	
0.17196	10.473296	161.695105	0.647159
0.013353	0.108515	213.582414	
0.34393	10.473296	161.695105	0.647159
0.013353	0.262803	195.333606	
0.51589	10.473296	161.695105	0.647159
0.013353	0.607924	230.272420	
0.68785	10.473296	161.695105	0.647159
0.013353	0.955842	285.487686	

COMB DL ------------------ MIN

```
 REL_DIST            P            V2            V3
    T          M2          M3
 0.00000   -7.075863   -84.761007    -0.513909
-0.013580   -0.478085    -9.961451
 0.17196   -7.075863   -84.761007    -0.513909
-0.013580   -0.126135   -44.220207
 0.34393   -7.075863   -84.761007    -0.513909
-0.013580   -0.360914   -86.008721
 0.51589   -7.075863   -84.761007    -0.513909
-0.013580   -0.798853  -156.532037
 0.68785   -7.075863   -84.761007    -0.513909
-0.013580   -1.243184  -265.181463

 COMB      CAR ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.00000   12.043803   169.605200     0.647159
0.014801    0.551226   249.040799
 0.17196   12.043803   169.605200     0.647159
0.014801    0.108515   213.582414
 0.34393   12.043803   169.605200     0.647159
0.014801    0.262803   195.333606
 0.51589   12.043803   169.605200     0.647159
0.014801    0.607924   230.272420
 0.68785   12.043803   169.605200     0.647159
0.014801    0.955842   285.487686

 COMB      CAR ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.00000   -7.976812   -84.761007    -0.513909
-0.015150   -0.478085    -9.961451
 0.17196   -7.976812   -84.761007    -0.513909
-0.015150   -0.126135   -44.220207
 0.34393   -7.976812   -84.761007    -0.513909
-0.015150   -0.360914   -86.008721
 0.51589   -7.976812   -84.761007    -0.513909
-0.015150   -0.798853  -156.532037
 0.68785   -7.976812   -84.761007    -0.513909
-0.015150   -1.243184  -265.181463

 COMB    DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.00000   12.043803   169.605200     0.647159
0.014801    0.551226   249.040799
 0.17196   12.043803   169.605200     0.647159
0.014801    0.108515   213.582414
 0.34393   12.043803   169.605200     0.647159
0.014801    0.262803   195.333606
 0.51589   12.043803   169.605200     0.647159
0.014801    0.607924   230.272420
 0.68785   12.043803   169.605200     0.647159
0.014801    0.955842   285.487686

 COMB    DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.00000   -7.976812   -84.761007    -0.513909
-0.015150   -0.478085    -9.961451
 0.17196   -7.976812   -84.761007    -0.513909
-0.015150   -0.126135   -44.220207
 0.34393   -7.976812   -84.761007    -0.513909
-0.015150   -0.360914   -86.008721
 0.51589   -7.976812   -84.761007    -0.513909
-0.015150   -0.798853  -156.532037
 0.68785   -7.976812   -84.761007    -0.513909
-0.015150   -1.243184  -265.181463
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4.004924

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    5.554313    50.783030     0.198570
0.000962    0.378691   135.217598
 0.48409    5.554313    50.783030     0.198570
0.000962    0.241923   100.272326
 0.65606    5.554313    50.783030     0.198570
0.000962    0.105154    65.342521
 0.82803    5.554313    50.783030     0.198570
0.000962    0.032308    30.479168
 1.00000    5.554313    50.783030     0.198570
0.000962    0.172500     0.978657

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -0.662027    -2.463689    -0.203489
-0.001000   -0.388098    -6.377357
 0.48409   -0.662027    -2.463689    -0.203489
-0.001000   -0.247949    -4.689968
 0.65606   -0.662027    -2.463689    -0.203489
-0.001000   -0.107786    -3.037962
 0.82803   -0.662027    -2.463689    -0.203489
-0.001000   -0.031411    -1.656532
 1.00000   -0.662027    -2.463689    -0.203489
-0.001000   -0.168340    -4.892612

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    7.643552    79.336447     0.297039
0.013902    0.526092   252.724449
 0.48409    7.643552    79.336447     0.297039
0.013902    0.326626   200.146555
 0.65606    7.643552    79.336447     0.297039
0.013902    0.140625   168.227235
 0.82803    7.643552    79.336447     0.297039
0.013902    0.052027   189.208000
 1.00000    7.643552    79.336447     0.297039
0.013902    0.241038   210.386407

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -5.758369  -102.529227    -0.285738
-0.013899   -0.548158   -86.451487
 0.48409   -5.758369  -102.529227    -0.285738
-0.013899   -0.351353   -22.822340
 0.65606   -5.758369  -102.529227    -0.285738
-0.013899   -0.155080    -2.122941
 0.82803   -5.758369  -102.529227    -0.285738
-0.013899   -0.088027    -0.882100
 1.00000   -5.758369  -102.529227    -0.285738
-0.013899   -0.292480     .000000

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    7.308961    72.768349     0.378803
0.014877    0.681188   235.566515
 0.48409    7.308961    72.768349     0.378803
0.014877    0.425520   188.010188
 0.65606    7.308961    72.768349     0.378803
0.014877    0.183617   162.827270
 0.82803    7.308961    72.768349     0.378803
0.014877    0.066200   192.343680
 1.00000    7.308961    72.768349     0.378803
0.014877    0.316548   238.407573

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -10.024957  -150.464438    -0.374910
-0.014855   -0.718347  -188.839181
 0.48409   -10.024957  -150.464438    -0.374910
-0.014855   -0.460124   -92.346522
 0.65606   -10.024957  -150.464438    -0.374910
-0.014855   -0.202439   -39.740051
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 REL_DIST            P            V2            V3
    T          M2          M3
 0.82803   -10.024957  -150.464438    -0.374910
-0.014855   -0.101809    -7.012096
 1.00000   -10.024957  -150.464438    -0.374910
-0.014855   -0.362645     .000000

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    0.681176    2.423977     0.174849
0.000942    0.333544    7.349024
 0.48409    0.681176    2.423977     0.174849
0.000942    0.213125    5.687865
 0.65606    0.681176    2.423977     0.174849
0.000942    0.092706    4.045807
 0.82803    0.681176    2.423977     0.174849
0.000942    0.029481    2.464926
 1.00000    0.681176    2.423977     0.174849
0.000942    0.158820    1.033222

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -5.641831   -50.294375    -0.187441
-0.000934   -0.357563  -146.304932
 0.48409   -5.641831   -50.294375    -0.187441
-0.000934   -0.228466  -111.680742
 0.65606   -5.641831   -50.294375    -0.187441
-0.000934   -0.099324   -77.088795
 0.82803   -5.641831   -50.294375    -0.187441
-0.000934   -0.027759   -42.519941
 1.00000   -5.641831   -50.294375    -0.187441
-0.000934   -0.148151    -8.016003

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    1.377524    12.504570     0.267728
0.014081    0.470307    58.307885
 0.48409    1.377524    12.504570     0.267728
0.014081    0.291022    51.770157
 0.65606    1.377524    12.504570     0.267728
0.014081    0.125201    65.892720
 0.82803    1.377524    12.504570     0.267728
0.014081    0.048093   132.930989
 1.00000    1.377524    12.504570     0.267728
0.014081    0.223194   206.717928

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -12.121422  -168.491537    -0.264784
-0.014030   -0.508272  -260.982614
 0.48409   -12.121422  -168.491537    -0.264784
-0.014030   -0.325884  -151.917742
 0.65606   -12.121422  -168.491537    -0.264784
-0.014030   -0.144010   -85.774388
 0.82803   -12.121422  -168.491537    -0.264784
-0.014030   -0.083406   -39.045679
 1.00000   -12.121422  -168.491537    -0.264784
-0.014030   -0.267540    -0.013833

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    5.542066    59.181661     0.368966
0.014692    0.662536   214.504907
 0.48409    5.542066    59.181661     0.368966
0.014692    0.413634   175.860051
 0.65606    5.542066    59.181661     0.368966
0.014692    0.178476   158.333934
 0.82803    5.542066    59.181661     0.368966
0.014692    0.064875   194.958221
 1.00000    5.542066    59.181661     0.368966
0.014692    0.311829   236.993414

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -11.862267  -164.020456    -0.369370
-0.014654   -0.707817  -244.471255
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 REL_DIST            P            V2            V3
    T          M2          M3
 0.48409   -11.862267  -164.020456    -0.369370
-0.014654   -0.453397  -138.758246
 0.65606   -11.862267  -164.020456    -0.369370
-0.014654   -0.199496   -77.012565
 0.82803   -11.862267  -164.020456    -0.369370
-0.014654   -0.100334   -35.377810
 1.00000   -11.862267  -164.020456    -0.369370
-0.014654   -0.354279    -0.013416

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    4.921055    56.575129     0.301971
0.000852    0.572291   150.260907
 0.48409    4.921055    56.575129     0.301971
0.000852    0.364287   111.334833
 0.65606    4.921055    56.575129     0.301971
0.000852    0.156136    72.476920
 0.82803    4.921055    56.575129     0.301971
0.000852    0.045198    33.905496
 1.00000    4.921055    56.575129     0.301971
0.000852    0.247637     1.316499

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -0.671925    -2.912155    -0.294269
-0.000888   -0.563412    -7.649016
 0.48409   -0.671925    -2.912155    -0.294269
-0.000888   -0.360812    -5.681732
 0.65606   -0.671925    -2.912155    -0.294269
-0.000888   -0.158188    -3.779910
 0.82803   -0.671925    -2.912155    -0.294269
-0.000888   -0.050728    -2.187182
 1.00000   -0.671925    -2.912155    -0.294269
-0.000888   -0.259252    -6.448910

 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    6.863943    85.874470     0.437479
0.012679    0.786326   294.216728
 0.48409    6.863943    85.874470     0.437479
0.012679    0.487538   237.959963
 0.65606    6.863943    85.874470     0.437479
0.012679    0.205346   202.307236
 0.82803    6.863943    85.874470     0.437479
0.012679    0.068494   208.977362
 1.00000    6.863943    85.874470     0.437479
0.012679    0.341617   216.180963

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -5.145069   -90.441191    -0.403467
-0.012638   -0.776266   -84.083340
 0.48409   -5.145069   -90.441191    -0.403467
-0.012638   -0.498422   -24.431588
 0.65606   -5.145069   -90.441191    -0.403467
-0.012638   -0.225999    -2.597540
 0.82803   -5.145069   -90.441191    -0.403467
-0.012638   -0.117460    -1.047546
 1.00000   -5.145069   -90.441191    -0.403467
-0.012638   -0.418086     .000000

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    6.653624    78.946489     0.551247
0.013279    1.003563   278.537104
 0.48409    6.653624    78.946489     0.551247
0.013279    0.626472   227.565380
 0.65606    6.653624    78.946489     0.551247
0.013279    0.266008   197.652624
 0.82803    6.653624    78.946489     0.551247
0.013279    0.087050   212.247021
 1.00000    6.653624    78.946489     0.551247
0.013279    0.445170   250.517879
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -8.797171  -139.045635    -0.526765
-0.013242   -1.012227  -184.575000
 0.48409   -8.797171  -139.045635    -0.526765
-0.013242   -0.649357   -91.819974
 0.65606   -8.797171  -139.045635    -0.526765
-0.013242   -0.291885   -37.345163
 0.82803   -8.797171  -139.045635    -0.526765
-0.013242   -0.135845    -5.320225
 1.00000   -8.797171  -139.045635    -0.526765
-0.013242   -0.514490     .000000

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    0.694897    2.914115     0.231751
0.000828    0.446310    9.016620
 0.48409    0.694897    2.914115     0.231751
0.000828    0.286767    7.025112
 0.65606    0.694897    2.914115     0.231751
0.000828    0.127268    5.045299
 0.82803    0.694897    2.914115     0.231751
0.000828    0.040264    3.106325
 1.00000    0.694897    2.914115     0.231751
0.000828    0.215822    1.372061

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -5.022145   -56.305597    -0.255132
-0.000818   -0.486502  -164.776194
 0.48409   -5.022145   -56.305597    -0.255132
-0.000818   -0.310608  -126.016511
 0.65606   -5.022145   -56.305597    -0.255132
-0.000818   -0.134650   -87.277695
 0.82803   -5.022145   -56.305597    -0.255132
-0.000818   -0.033497   -48.561819
 1.00000   -5.022145   -56.305597    -0.255132
-0.000818   -0.192128    -9.990198

 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    1.469105    13.570137     0.354443
0.012816    0.637328    81.386021
 0.48409    1.469105    13.570137     0.354443
0.012816    0.395875    74.932862
 0.65606    1.469105    13.570137     0.354443
0.012816    0.170830    89.103592
 0.82803    1.469105    13.570137     0.354443
0.012816    0.061476   145.987653
 1.00000    1.469105    13.570137     0.354443
0.012816    0.302505   212.189556

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -10.662228  -162.126361    -0.354013
-0.012763   -0.677573  -271.764282
 0.48409   -10.662228  -162.126361    -0.354013
-0.012763   -0.433586  -162.733742
 0.65606   -10.662228  -162.126361    -0.354013
-0.012763   -0.194400   -91.540977
 0.82803   -10.662228  -162.126361    -0.354013
-0.012763   -0.095634   -40.674726
 1.00000   -10.662228  -162.126361    -0.354013
-0.012763   -0.338686    -0.015319

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    5.113367    62.834114     0.517791
0.013095    0.943357   254.084357
 0.48409    5.113367    62.834114     0.517791
0.013095    0.589463   213.831113
 0.65606    5.113367    62.834114     0.517791
0.013095    0.251884   194.311268
 0.82803    5.113367    62.834114     0.517791
0.013095    0.083294   217.678063
 1.00000    5.113367    62.834114     0.517791
0.013095    0.430459   248.848667
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -10.415698  -155.304547    -0.510177
-0.013070   -0.980330  -252.759263
 0.48409   -10.415698  -155.304547    -0.510177
-0.013070   -0.629029  -148.604657
 0.65606   -10.415698  -155.304547    -0.510177
-0.013070   -0.282541   -82.448453
 0.82803   -10.415698  -155.304547    -0.510177
-0.013070   -0.128514   -36.979093
 1.00000   -10.415698  -155.304547    -0.510177
-0.013070   -0.482919    -0.014942

 COMB      DB ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    7.643552    79.336447     0.378803
0.014877    0.681188   252.724449
 0.48409    7.643552    79.336447     0.378803
0.014877    0.425520   200.146555
 0.65606    7.643552    79.336447     0.378803
0.014877    0.183617   168.227235
 0.82803    7.643552    79.336447     0.378803
0.014877    0.066200   194.958221
 1.00000    7.643552    79.336447     0.378803
0.014877    0.316548   238.407573

 COMB      DB ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -12.121422  -168.491537    -0.374910
-0.014855   -0.718347  -260.982614
 0.48409   -12.121422  -168.491537    -0.374910
-0.014855   -0.460124  -151.917742
 0.65606   -12.121422  -168.491537    -0.374910
-0.014855   -0.202439   -85.774388
 0.82803   -12.121422  -168.491537    -0.374910
-0.014855   -0.101809   -42.519941
 1.00000   -12.121422  -168.491537    -0.374910
-0.014855   -0.362645    -8.016003

 COMB      DL ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    6.863943    85.874470     0.551247
0.013279    1.003563   294.216728
 0.48409    6.863943    85.874470     0.551247
0.013279    0.626472   237.959963
 0.65606    6.863943    85.874470     0.551247
0.013279    0.266008   202.307236
 0.82803    6.863943    85.874470     0.551247
0.013279    0.087050   217.678063
 1.00000    6.863943    85.874470     0.551247
0.013279    0.445170   250.517879

 COMB      DL ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -10.662228  -162.126361    -0.526765
-0.013242   -1.012227  -271.764282
 0.48409   -10.662228  -162.126361    -0.526765
-0.013242   -0.649357  -162.733742
 0.65606   -10.662228  -162.126361    -0.526765
-0.013242   -0.291885   -91.540977
 0.82803   -10.662228  -162.126361    -0.526765
-0.013242   -0.135845   -48.561819
 1.00000   -10.662228  -162.126361    -0.526765
-0.013242   -0.514490    -9.990198

 COMB      CAR ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    7.643552    85.874470     0.551247
0.014877    1.003563   294.216728
 0.48409    7.643552    85.874470     0.551247
0.014877    0.626472   237.959963
 0.65606    7.643552    85.874470     0.551247
0.014877    0.266008   202.307236
 0.82803    7.643552    85.874470     0.551247
0.014877    0.087050   217.678063
 1.00000    7.643552    85.874470     0.551247
0.014877    0.445170   250.517879
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 COMB      CAR ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212   -12.121422  -168.491537    -0.526765
-0.014855   -1.012227  -271.764282
 0.48409   -12.121422  -168.491537    -0.526765
-0.014855   -0.649357  -162.733742
 0.65606   -12.121422  -168.491537    -0.526765
-0.014855   -0.291885   -91.540977
 0.82803   -12.121422  -168.491537    -0.526765
-0.014855   -0.135845   -48.561819
 1.00000   -12.121422  -168.491537    -0.526765
-0.014855   -0.514490    -9.990198

 COMB    DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2          M3
 0.31212    7.643552    85.874470     0.551247
0.014877    1.003563   294.216728
 0.48409    7.643552    85.874470     0.551247
0.014877    0.626472   237.959963
 0.65606    7.643552    85.874470     0.551247
0.014877    0.266008   202.307236
 0.82803    7.643552    85.874470     0.551247
0.014877    0.087050   217.678063
 1.00000    7.643552    85.874470     0.551247
0.014877    0.445170   250.517879

 COMB    DESIGN ------------------- MIN
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 REL DIST            P            V2           V3
    T          M2           M3
 0.31212   -12.121422  -168.491537   -0.526765
-0.014855   -1.012227  -271.764282
 0.48409   -12.121422  -168.491537   -0.526765
-0.014855   -0.649357  -162.733742
 0.65606   -12.121422  -168.491537   -0.526765
-0.014855   -0.291885   -91.540977
 0.82803   -12.121422  -168.491537   -0.526765
-0.014855   -0.135845   -48.561819
 1.00000   -12.121422  -168.491537   -0.526765
-0.014855   -0.514490    -9.990198

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 4.004963

 COMB DB-G1-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    5.511959    50.469604    0.197945
 0.000915   0.167812    0.988499
 0.17197    5.511959    50.469604    0.197945
 0.000915   0.031356    2.053769
 0.34394    5.511959    50.469604    0.197945
 0.000915   0.107542    3.625473
 0.51592    5.511959    50.469604    0.197945
 0.000915   0.247428    5.256619
 0.68789    5.511959    50.469604    0.197945
 0.000915   0.387300    6.907922

 COMB DB-G1-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.668107    -2.404420   -0.203097
-0.000935  -0.172228    -4.868865
 0.17197   -0.668107    -2.404420   -0.203097
-0.000935  -0.032392    -39.560322
 0.34394   -0.668107    -2.404420   -0.203097
-0.000935  -0.104824    -74.259147
 0.51592   -0.668107    -2.404420   -0.203097
-0.000935  -0.241170   -108.972806
 0.68789   -0.668107    -2.404420   -0.203097
-0.000935  -0.377513   -143.718820

 COMB DB-G1-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   12.022986   169.032689    0.273576
 0.014016  0.238891    210.080800
 0.17197   12.022986   169.032689    0.273576
 0.014016  0.051248    132.049762
 0.34394   12.022986   169.032689    0.273576
 0.014016  0.146085    64.756967
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 REL DIST            P            V2           V3
    T          M2           M3
 0.51592   12.022986   169.032689    0.273576
 0.014016  0.339953    50.848330
 0.68789   12.022986   169.032689    0.273576
 0.014016  0.533805    57.194539

 COMB DB-G1-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -1.354706   -12.280741   -0.297942
-0.014067  -0.293308    .000000
 0.17197   -1.354706   -12.280741   -0.297942
-0.014067  -0.088057   -35.656038
 0.34394   -1.354706   -12.280741   -0.297942
-0.014067  -0.153742   -82.580659
 0.51592   -1.354706   -12.280741   -0.297942
-0.014067  -0.337584   -149.308855
 0.68789   -1.354706   -12.280741   -0.297942
-0.014067  -0.525923   -259.229980

 COMB DB-G1-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   11.787518   164.522868    0.355498
 0.014673  0.308796    238.110005
 0.17197   11.787518   164.522868    0.355498
 0.014673  0.064703    192.091927
 0.34394   11.787518   164.522868    0.355498
 0.014673  0.193082    155.101702
 0.51592   11.787518   164.522868    0.355498
 0.014673  0.448399    172.683102
 0.68789   11.787518   164.522868    0.355498
 0.014673  0.703694    210.958858

 COMB DB-G1-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.566674   -58.705759   -0.387512
-0.014700  -0.370313    .000000
 0.17197   -5.566674   -58.705759   -0.387512
-0.014700  -0.103269    -32.347938
 0.34394   -5.566674   -58.705759   -0.387512
-0.014700  -0.197033    -73.991806
 0.51592   -5.566674   -58.705759   -0.387512
-0.014700  -0.437196   -136.273271
 0.68789   -5.566674   -58.705759   -0.387512
-0.014700  -0.681957   -242.812701

 COMB DB-G2-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.676393    2.483355    0.175501
 0.001050   0.149281    1.036128
 0.17197    0.676393    2.483355    0.175501
 0.001050   0.028357    27.343515
 0.34394    0.676393    2.483355    0.175501
 0.001050   0.099000    62.073370
 0.51592    0.676393    2.483355    0.175501
 0.001050   0.228220    96.880702
 0.68789    0.676393    2.483355    0.175501
 0.001050   0.357394    131.703197

 COMB DB-G2-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.683185   -50.605109   -0.187563
-0.000987  -0.159339    -7.994054
 0.17197   -5.683185   -50.605109   -0.187563
-0.000987  -0.029969    -1.365375
 0.34394   -5.683185   -50.605109   -0.187563
-0.000987  -0.092472    -2.719012
 0.51592   -5.683185   -50.605109   -0.187563
-0.000987  -0.213352    -4.378635
 0.68789   -5.683185   -50.605109   -0.187563
-0.000987  -0.334227    -6.079513

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    5.810693   102.789880    0.245901
 0.013999   0.216024   206.411676
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 REL DIST            P            V2           V3
    T          M2           M3
 0.17197    5.810693   102.789880    0.245901
 0.013999   0.047545   184.925779
 0.34394    5.810693   102.789880    0.245901
 0.013999   0.134996   163.540112
 0.51592    5.810693   102.789880    0.245901
 0.013999   0.315009   195.488411
 0.68789    5.810693   102.789880    0.245901
 0.013999   0.494988   247.679442

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -7.768781   -78.829258   -0.277778
-0.013925  -0.276570   -0.020875
 0.17197   -7.768781   -78.829258   -0.277778
-0.013925  -0.084640   -0.463311
 0.34394   -7.768781   -78.829258   -0.277778
-0.013925  -0.138498   -1.708531
 0.51592   -7.768781   -78.829258   -0.277778
-0.013925  -0.303287   -22.804571
 0.68789   -7.768781   -78.829258   -0.277778
-0.013925  -0.472571   -87.104030

 COMB DB-G2-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   10.029623   150.976826    0.346217
 0.014935  0.301186    236.696193
 0.17197   10.029623   150.976826    0.346217
 0.014935  0.063551    188.712915
 0.34394   10.029623   150.976826    0.346217
 0.014935  0.190037    158.708869
 0.51592   10.029623   150.976826    0.346217
 0.014935  0.441623    183.938635
 0.68789   10.029623   150.976826    0.346217
 0.014935  0.693167    230.870813

 COMB DB-G2-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -7.411893   -72.301122   -0.382048
-0.014892  -0.365799   -0.019713
 0.17197   -7.411893   -72.301122   -0.382048
-0.014892  -0.102065   -5.004316
 0.34394   -7.411893   -72.301122   -0.382048
-0.014892  -0.191884   -37.900835
 0.51592   -7.411893   -72.301122   -0.382048
-0.014892  -0.425700   -91.076503
 0.68789   -7.411893   -72.301122   -0.382048
-0.014892  -0.664078   -188.425127

 COMB DL-G1-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.887609    56.318201    0.294055
 0.000799   0.250745    1.328437
 0.17197    4.887609    56.318201    0.294055
 0.000799   0.049412    2.576398
 0.34394    4.887609    56.318201    0.294055
 0.000799   0.157750    4.486239
 0.51592    4.887609    56.318201    0.294055
 0.000799   0.356205    6.442168
 0.68789    4.887609    56.318201    0.294055
 0.000799   0.554727    8.412841

 COMB DL-G1-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.681449    -2.884811   -0.288373
-0.000802  -0.240163    -6.431474
 0.17197   -0.681449    -2.884811   -0.288373
-0.000802  -0.043226    -44.665988
 0.34394   -0.681449    -2.884811   -0.288373
-0.000802  -0.154030    -83.385793
 0.51592   -0.681449    -2.884811   -0.288373
-0.000802  -0.356751   -122.132575
 0.68789   -0.681449    -2.884811   -0.288373
-0.000802  -0.559339   -160.902730
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 COMB DL-G1-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   10.566043   162.513418    0.404933
 0.012745  0.350742    216.198695
 0.17197   10.566043   162.513418    0.404933
 0.012745  0.073406    145.360404
 0.34394   10.566043   162.513418    0.404933
 0.012745  0.206416    88.056781
 0.51592   10.566043   162.513418    0.404933
 0.012745  0.475062    73.698960
 0.68789   10.566043   162.513418    0.404933
 0.012745  0.750484    79.972874

 COMB DL-G1-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -1.419542   -13.308042   -0.412760
-0.012800  -0.387287    .000000
 0.17197   -1.419542   -13.308042   -0.412760
-0.012800  -0.103863    -36.313801
 0.34394   -1.419542   -13.308042   -0.412760
-0.012800  -0.222972    -87.205079
 0.51592   -1.419542   -13.308042   -0.412760
-0.012800  -0.494804   -158.929439
 0.68789   -1.419542   -13.308042   -0.412760
-0.012800  -0.773760   -268.248649

 COMB DL-G1-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   10.356021   155.675361    0.520568
 0.013068  0.443971    250.546565
 0.17197   10.356021   155.675361    0.520568
 0.013068  0.088950    215.130216
 0.34394   10.356021   155.675361    0.520568
 0.013068  0.270450    191.110418
 0.51592   10.356021   155.675361    0.520568
 0.013068  0.628252    210.320857
 0.68789   10.356021   155.675361    0.520568
 0.013068  0.993276    250.283868

 COMB DL-G1-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.111493   -62.430130   -0.542781
-0.013102  -0.503686    .000000
 0.17197   -5.111493   -62.430130   -0.542781
-0.013102  -0.132204    -33.064349
 0.34394   -5.111493   -62.430130   -0.542781
-0.013102  -0.291020    -78.411874
 0.51592   -5.111493   -62.430130   -0.542781
-0.013102  -0.641787   -144.993958
 0.68789   -5.111493   -62.430130   -0.542781
-0.013102  -1.000222   -249.407043

 COMB DL-G2-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.686139    2.941497    0.230368
 0.000933   0.192840    1.375241
 0.17197    0.686139    2.941497    0.230368
 0.000933   0.035130    30.125573
 0.34394    0.686139    2.941497    0.230368
 0.000933   0.134960    68.670701
 0.51592    0.686139    2.941497    0.230368
 0.000933   0.315454    107.479993
 0.68789    0.686139    2.941497    0.230368
 0.000933   0.495843    146.354973

 COMB DL-G2-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -5.054784   -56.558261   -0.261989
-0.000876  -0.225830   -9.970203
 0.17197   -5.054784   -56.558261   -0.261989
-0.000876  -0.045521   -1.870877
 0.34394   -5.054784   -56.558261   -0.261989
-0.000876  -0.125592   -3.330398
 0.51592   -5.054784   -56.558261   -0.261989
-0.000876  -0.283862   -5.242642
 0.68789   -5.054784   -56.558261   -0.261989
-0.000876  -0.442389   -7.224204
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 COMB DL-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    5.212058    90.756967    0.331500
 0.012740   0.283604    212.204913
 0.17197    5.212058    90.756967    0.331500
 0.012740   0.057732    204.327156
 0.34394    5.212058    90.756967    0.331500
 0.012740   0.178806    197.297030
 0.51592    5.212058    90.756967    0.331500
 0.012740   0.424922    232.769920
 0.68789    5.212058    90.756967    0.331500
 0.012740   0.678203    288.801119

 COMB DL-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.975101   -85.534810   -0.380416
-0.012698  -0.369564   -0.024270
 0.17197   -6.975101   -85.534810   -0.380416
-0.012698  -0.107393   -0.514693
 0.34394   -6.975101   -85.534810   -0.380416
-0.012698  -0.191928   -2.059476
 0.51592   -6.975101   -85.534810   -0.380416
-0.012698  -0.412150   -24.380208
 0.68789   -6.975101   -85.534810   -0.380416
-0.012698  -0.640142   -84.287816

 COMB DL-G2-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    8.815431   139.498783    0.489289
 0.013323   0.416441   248.879632
 0.17197    8.815431   139.498783    0.489289
 0.013323   0.081295   208.510730
 0.34394    8.815431   139.498783    0.489289
 0.013323   0.259627   193.023378
 0.51592    8.815431   139.498783    0.489289
 0.013323   0.609814   222.672906
 0.68789    8.815431   139.498783    0.489289
 0.013323   0.966922   273.390458

 COMB DL-G2-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.729754   -78.624334   -0.531106
-0.013290  -0.495791   -0.022809
 0.17197   -6.729754   -78.624334   -0.531106
-0.013290  -0.129893   -3.513328
 0.34394   -6.729754   -78.624334   -0.531106
-0.013290  -0.275306   -35.082673
 0.51592   -6.729754   -78.624334   -0.531106
-0.013290  -0.604829   -90.044288
 0.68789   -6.729754   -78.624334   -0.531106
-0.013290  -0.941569   -183.116378

 COMB      DB -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   12.022986   169.032689    0.355498
 0.014935  0.308796    238.110005
 0.17197   12.022986   169.032689    0.355498
 0.014935  0.064703    192.091927
 0.34394   12.022986   169.032689    0.355498
 0.014935  0.193082    163.540112
 0.51592   12.022986   169.032689    0.355498
 0.014935  0.448399    195.488411
 0.68789   12.022986   169.032689    0.355498
 0.014935  0.703694    247.679442

 COMB      DB -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -7.768781   -78.829258   -0.387512
-0.014892  -0.370313   -7.994054
 0.17197   -7.768781   -78.829258   -0.387512
-0.014892  -0.103269   -39.560322
 0.34394   -7.768781   -78.829258   -0.387512
-0.014892  -0.197033   -82.580659
 0.51592   -7.768781   -78.829258   -0.387512
-0.014892  -0.437196   -149.308855
 0.68789   -7.768781   -78.829258   -0.387512
-0.014892  -0.681957   -259.229980
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 COMB      DL -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   10.566043   162.513418    0.520568
 0.013323  0.443971    250.546565
 0.17197   10.566043   162.513418    0.520568
 0.013323  0.088950    215.130216
 0.34394   10.566043   162.513418    0.520568
 0.013323  0.270450    197.297030
 0.51592   10.566043   162.513418    0.520568
 0.013323  0.628252    232.769920
 0.68789   10.566043   162.513418    0.520568
 0.013323  0.993276    288.801119

 COMB      DL -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -6.975101   -85.534810   -0.542781
-0.013290  -0.503686   -9.970203
 0.17197   -6.975101   -85.534810   -0.542781
-0.013290  -0.132204   -44.665988
 0.34394   -6.975101   -85.534810   -0.542781
-0.013290  -0.291020   -87.205079
 0.51592   -6.975101   -85.534810   -0.542781
-0.013290  -0.641787   -158.929439
 0.68789   -6.975101   -85.534810   -0.542781
-0.013290  -1.000222   -268.248649

 COMB      CAR -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   12.022986   169.032689    0.520568
 0.014935  0.443971    250.546565
 0.17197   12.022986   169.032689    0.520568
 0.014935  0.088950    215.130216
 0.34394   12.022986   169.032689    0.520568
 0.014935  0.270450    197.297030
 0.51592   12.022986   169.032689    0.520568
 0.014935  0.628252    232.769920
 0.68789   12.022986   169.032689    0.520568
 0.014935  0.993276    288.801119

 COMB      CAR -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -7.768781   -85.534810   -0.542781
-0.014892  -0.503686   -9.970203
 0.17197   -7.768781   -85.534810   -0.542781
-0.014892  -0.132204   -44.665988
 0.34394   -7.768781   -85.534810   -0.542781
-0.014892  -0.291020   -87.205079
 0.51592   -7.768781   -85.534810   -0.542781
-0.014892  -0.641787   -158.929439
 0.68789   -7.768781   -85.534810   -0.542781
-0.014892  -1.000222   -268.248649

 COMB   DESIGN -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   12.022986   169.032689    0.520568
 0.014935  0.443971    250.546565
 0.17197   12.022986   169.032689    0.520568
 0.014935  0.088950    215.130216
 0.34394   12.022986   169.032689    0.520568
 0.014935  0.270450    197.297030
 0.51592   12.022986   169.032689    0.520568
 0.014935  0.628252    232.769920
 0.68789   12.022986   169.032689    0.520568
 0.014935  0.993276    288.801119

 COMB   DESIGN -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -7.768781   -85.534810   -0.542781
-0.014892  -0.503686   -9.970203
 0.17197   -7.768781   -85.534810   -0.542781
-0.014892  -0.132204   -44.665988
 0.34394   -7.768781   -85.534810   -0.542781
-0.014892  -0.291020   -87.205079
 0.51592   -7.768781   -85.534810   -0.542781
-0.014892  -0.641787   -158.929439
 0.68789   -7.768781   -85.534810   -0.542781
-0.014892  -1.000222   -268.248649
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 COMB DB-G1-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31208    5.828652    47.756725    0.193092
 0.000585   0.368355    126.806962
 0.48406    5.828652    47.756725    0.193092
 0.000585   0.235339    93.935834
 0.65604    5.828652    47.756725    0.193092
 0.000585   0.102317    61.094651
 0.82802    5.828652    47.756725    0.193092
 0.000585   1.030469    28.346412
 1.00000    5.828652    47.756725    0.193092
 0.000585   0.162858    0.992702

 COMB DB-G1-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31208   -0.688893    -4.402570   -0.192016
-0.001446  -0.366240    -11.956144
 0.48406   -0.688893    -4.402570   -0.192016
-0.001446  -0.233968    -8.928902
 0.65604   -0.688893    -4.402570   -0.192016
-0.001446  -0.101687    -5.934235
 0.82802   -0.688893    -4.402570   -0.192016
-0.001446  -0.030513    -3.218331
 1.00000   -0.688893    -4.402570   -0.192016
-0.001446  -0.163695    -4.932154

 COMB DB-G1-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31208    7.919162    75.795117    0.266264
 0.013469   0.480173    241.881499
 0.48406    7.919162    75.795117    0.266264
 0.013469   0.306213    191.732789
 0.65604    7.919162    75.795117    0.266264
 0.013469   0.132202    162.736220
 0.82802    7.919162    75.795117    0.266264
 0.013469   0.053073    186.179613
 1.00000    7.919162    75.795117    0.266264
 0.013469   0.250012    209.837134
```

COMB DB-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-5.869964	-104.896067	-0.285749
-0.014413	-0.549525	-93.246056	
0.48406	-5.869964	-104.896067	-0.285749
-0.014413	-0.353152	-27.719283	
0.65604	-5.869964	-104.896067	-0.285749
-0.014413	-0.161127	-5.238816	
0.82802	-5.869964	-104.896067	-0.285749
-0.014413	-0.082495	-2.397346	
1.00000	-5.869964	-104.896067	-0.285749
-0.014413	-0.266062	.000000	

COMB DB-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.564898	70.827295	0.355499
0.014807	0.649738	229.614427	
0.48406	7.564898	70.827295	0.355499
0.014807	0.414526	183.012100	
0.65604	7.564898	70.827295	0.355499
0.014807	0.179277	158.145727	
0.82802	7.564898	70.827295	0.355499
0.014807	0.068192	188.496267	
1.00000	7.564898	70.827295	0.355499
0.014807	0.330759	237.864842	

COMB DB-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-10.332030	-150.980827	-0.380880
-0.015065	-0.731164	-190.584297	
0.48406	-10.332030	-150.980827	-0.380880
-0.015065	-0.469260	-93.465776	
0.65604	-10.332030	-150.980827	-0.380880
-0.015065	-0.211795	-40.338860	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.82802	-10.332030	-150.980827	-0.380880
-0.015065	-0.097564	-7.265509	
1.00000	-10.332030	-150.980827	-0.380880
-0.015065	-0.342627	-0.002338	

COMB DB-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	0.706834	4.407716	0.183667
0.001480	0.350381	12.705059	
0.48406	0.706834	4.407716	0.183667
0.001480	0.223867	9.674745	
0.65604	0.706834	4.407716	0.183667
0.001480	0.097346	6.662188	
0.82802	0.706834	4.407716	0.183667
0.001480	0.030509	3.706820	
1.00000	0.706834	4.407716	0.183667
0.001480	0.163957	0.996043	

COMB DB-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-5.919811	-47.375004	-0.193489
-0.000511	-0.369187	-137.883423	
0.48406	-5.919811	-47.375004	-0.193489
-0.000511	-0.235893	-105.260601	
0.65604	-5.919811	-47.375004	-0.193489
-0.000511	-0.102586	-72.676481	
0.82802	-5.919811	-47.375004	-0.193489
-0.000511	-0.029173	-40.114273	
1.00000	-5.919811	-47.375004	-0.193489
-0.000511	-0.155713	-7.648146	

COMB DB-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	1.378726	14.840232	0.255446
0.014713	0.459534	64.026232	
0.48406	1.378726	14.840232	0.255446
0.014713	0.293020	55.870565	
0.65604	1.378726	14.840232	0.255446
0.014713	0.126517	68.879105	
0.82802	1.378726	14.840232	0.255446
0.014713	0.053002	134.351200	
1.00000	1.378726	14.840232	0.255446
0.014713	0.250815	206.715508	

COMB DB-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.532505	-165.188207	-0.286861
-0.013518	-0.551789	-251.940594	
0.48406	-12.532505	-165.188207	-0.286861
-0.013518	-0.354643	-144.870878	
0.65604	-12.532505	-165.188207	-0.286861
-0.013518	-0.161858	-80.844495	
0.82802	-12.532505	-165.188207	-0.286861
-0.013518	-0.080906	-36.413626	
1.00000	-12.532505	-165.188207	-0.286861
-0.013518	-0.256930	.000000	

COMB DB-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	5.664947	59.540550	0.351086
0.015023	0.641438	214.488269	
0.48406	5.664947	59.540550	0.351086
0.015023	0.409232	175.583831	
0.65604	5.664947	59.540550	0.351086
0.015023	0.177031	158.303959	
0.82802	5.664947	59.540550	0.351086
0.015023	0.068268	194.681599	
1.00000	5.664947	59.540550	0.351086
0.015023	0.331670	236.678131	

COMB DB-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.281545	-162.273474	-0.382016
-0.014456	-0.733398	-239.244848	

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REL_DIST	P	V2	V3
T	M2	M3	
0.48406	-12.281545	-162.273474	-0.382016
-0.014456	-0.470728	-134.426961	
0.65604	-12.281545	-162.273474	-0.382016
-0.014456	-0.212496	-73.678368	
0.82802	-12.281545	-162.273474	-0.382016
-0.014456	-0.096857	-33.203076	
1.00000	-12.281545	-162.273474	-0.382016
-0.014456	-0.338912	.000000	

COMB DL-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	5.391728	52.632986	0.268166
0.000482	0.509473	139.445560	
0.48406	5.391728	52.632986	0.268166
0.000482	0.324733	103.246458	
0.65604	5.391728	52.632986	0.268166
0.000482	0.139901	67.097615	
0.82802	5.391728	52.632986	0.268166
0.000482	0.047273	31.264840	
1.00000	5.391728	52.632986	0.268166
0.000482	0.256983	1.351514	

COMB DL-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-0.631377	-5.386972	-0.306527
-0.001370	-0.588230	-14.819894	
0.48406	-0.631377	-5.386972	-0.306527
-0.001370	-0.377170	-11.149564	
0.65604	-0.631377	-5.386972	-0.306527
-0.001370	-0.166196	-7.540763	
0.82802	-0.631377	-5.386972	-0.306527
-0.001370	-0.044449	-4.251310	
1.00000	-0.631377	-5.386972	-0.306527
-0.001370	-0.229078	-6.667846	

COMB DL-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.355726	81.238947	0.363789
0.012272	0.650188	281.730527	
0.48406	7.355726	81.238947	0.363789
0.012272	0.410971	228.714661	
0.65604	7.355726	81.238947	0.363789
0.012272	0.175512	196.361560	
0.82802	7.355726	81.238947	0.363789
0.012272	0.072675	206.341804	
1.00000	7.355726	81.238947	0.363789
0.012272	0.370857	216.798912	

COMB DL-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-5.187920	-93.413277	-0.435650
-0.013166	-0.841018	-92.335551	
0.48406	-5.187920	-93.413277	-0.435650
-0.013166	-0.541923	-30.583831	
0.65604	-5.187920	-93.413277	-0.435650
-0.013166	-0.250328	-6.497847	
0.82802	-5.187920	-93.413277	-0.435650
-0.013166	-0.103424	-2.922894	
1.00000	-5.187920	-93.413277	-0.435650
-0.013166	-0.352885	.000000	

COMB DL-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.046091	76.355334	0.475028
0.013258	0.862164	271.125747	
0.48406	7.046091	76.355334	0.475028
0.013258	0.546355	221.954196	
0.65604	7.046091	76.355334	0.475028
0.013258	0.234421	194.012234	
0.82802	7.046091	76.355334	0.475028
0.013258	0.095872	211.153512	
1.00000	7.046091	76.355334	0.475028
0.013258	0.501485	251.662371	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-9.152362	-139.579960	-0.590848
-0.013453	-1.137649	-186.501452	
0.48406	-9.152362	-139.579960	-0.590848
-0.013453	-0.731627	-93.385674	
0.65604	-9.152362	-139.579960	-0.590848
-0.013453	-0.332648	-38.409160	
0.82802	-9.152362	-139.579960	-0.590848
-0.013453	-0.121528	-6.155553	
1.00000	-9.152362	-139.579960	-0.590848
-0.013453	-0.447440	.000000	

COMB DL-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	0.651880	5.468799	0.222254
0.001399	0.424669	15.870475	
0.48406	0.651880	5.468799	0.222254
0.001399	0.271842	12.116545	
0.65604	0.651880	5.468799	0.222254
0.001399	0.119392	8.383744	
0.82802	0.651880	5.468799	0.222254
0.001399	0.050931	4.692454	
1.00000	0.651880	5.468799	0.222254
0.001399	0.257645	1.347683	

COMB DL-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-5.495163	-52.495714	-0.299216
-0.000416	-0.567232	-153.792256	
0.48406	-5.495163	-52.495714	-0.299216
-0.000416	-0.361190	-117.649595	
0.65604	-5.495163	-52.495714	-0.299216
-0.000416	-0.155413	-81.536411	
0.82802	-5.495163	-52.495714	-0.299216
-0.000416	-0.035858	-45.452170	
1.00000	-5.495163	-52.495714	-0.299216
-0.000416	-0.188663	-9.622574	

COMB DL-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	1.370006	16.547892	0.312382
0.013523	0.556127	90.344644	
0.48406	1.370006	16.547892	0.312382
0.013523	0.352457	81.910099	
0.65604	1.370006	16.547892	0.312382
0.013523	0.152760	94.164922	
0.82802	1.370006	16.547892	0.312382
0.013523	0.076948	148.815742	
1.00000	1.370006	16.547892	0.312382
0.013523	0.371387	213.452310	

COMB DL-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-11.308676	-157.767021	-0.426650
-0.012280	-0.814955	-259.675312	
0.48406	-11.308676	-157.767021	-0.426650
-0.012280	-0.521866	-153.597827	
0.65604	-11.308676	-157.767021	-0.426650
-0.012280	-0.235947	-85.206936	
0.82802	-11.308676	-157.767021	-0.426650
-0.012280	-0.091605	-37.376525	
1.00000	-11.308676	-157.767021	-0.426650
-0.012280	-0.305948	.000000	

COMB DL-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	5.261185	63.224982	0.450789
0.013527	0.817090	255.436372	
0.48406	5.261185	63.224982	0.450789
0.013527	0.518253	214.964285	
0.65604	5.261185	63.224982	0.450789
0.013527	0.223252	195.270073	
0.82802	5.261185	63.224982	0.450789
0.013527	0.097670	218.258399	
1.00000	5.261185	63.224982	0.450789
0.013527	0.500845	250.222428	

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COMB DL-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-11.001900	-152.920473	-0.586887
-0.012883	-1.128010	-245.352694	
0.48406	-11.001900	-152.920473	-0.586887
-0.012883	-0.724694	-142.748840	
0.65604	-11.001900	-152.920473	-0.586887
-0.012883	-0.328984	-77.978646	
0.82802	-11.001900	-152.920473	-0.586887
-0.012883	-0.118745	-34.145985	
1.00000	-11.001900	-152.920473	-0.586887
-0.012883	-0.426807	.000000	

COMB DB ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.919162	75.795117	0.355499
0.015023	0.649738	241.881499	
0.48406	7.919162	75.795117	0.355499
0.015023	0.414526	191.732789	
0.65604	7.919162	75.795117	0.355499
0.015023	0.179277	162.736220	
0.82802	7.919162	75.795117	0.355499
0.015023	0.068268	194.681599	
1.00000	7.919162	75.795117	0.355499
0.015023	0.331670	237.864842	

COMB DB ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.532505	-165.188207	-0.382016
-0.015065	-0.733398	-251.940594	
0.48406	-12.532505	-165.188207	-0.382016
-0.015065	-0.470728	-144.870878	
0.65604	-12.532505	-165.188207	-0.382016
-0.015065	-0.212496	-80.844495	
0.82802	-12.532505	-165.188207	-0.382016
-0.015065	-0.097564	-40.114273	
1.00000	-12.532505	-165.188207	-0.382016
-0.015065	-0.342627	-7.648146	

COMB DL ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.355726	81.238947	0.475028
0.013527	0.862164	281.730527	
0.48406	7.355726	81.238947	0.475028
0.013527	0.546355	228.714661	
0.65604	7.355726	81.238947	0.475028
0.013527	0.234421	196.361560	
0.82802	7.355726	81.238947	0.475028
0.013527	0.097670	218.258399	
1.00000	7.355726	81.238947	0.475028
0.013527	0.501485	251.662371	

COMB DL ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-11.308676	-157.767021	-0.590848
-0.013453	-1.137649	-259.675312	
0.48406	-11.308676	-157.767021	-0.590848
-0.013453	-0.731627	-153.597827	
0.65604	-11.308676	-157.767021	-0.590848
-0.013453	-0.332648	-85.206936	
0.82802	-11.308676	-157.767021	-0.590848
-0.013453	-0.121528	-45.452170	
1.00000	-11.308676	-157.767021	-0.590848
-0.013453	-0.447440	-9.622574	

COMB CAR ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.919162	81.238947	0.475028
0.015023	0.862164	281.730527	
0.48406	7.919162	81.238947	0.475028
0.015023	0.546355	228.714661	
0.65604	7.919162	81.238947	0.475028
0.015023	0.234421	196.361560	
0.82802	7.919162	81.238947	0.475028
0.015023	0.097670	218.258399	
1.00000	7.919162	81.238947	0.475028
0.015023	0.501485	251.662371	

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COMB CAR ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.532505	-165.188207	-0.590848
-0.015065	-1.137649	-259.675312	
0.48406	-12.532505	-165.188207	-0.590848
-0.015065	-0.731627	-153.597827	
0.65604	-12.532505	-165.188207	-0.590848
-0.015065	-0.332648	-85.206936	
0.82802	-12.532505	-165.188207	-0.590848
-0.015065	-0.121528	-45.452170	
1.00000	-12.532505	-165.188207	-0.590848
-0.015065	-0.447440	-9.622574	

COMB DESIGN ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	7.919162	81.238947	0.475028
0.015023	0.862164	281.730527	
0.48406	7.919162	81.238947	0.475028
0.015023	0.546355	228.714661	
0.65604	7.919162	81.238947	0.475028
0.015023	0.234421	196.361560	
0.82802	7.919162	81.238947	0.475028
0.015023	0.097670	218.258399	
1.00000	7.919162	81.238947	0.475028
0.015023	0.501485	251.662371	

COMB DESIGN ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.532505	-165.188207	-0.590848
-0.015065	-1.137649	-259.675312	
0.48406	-12.532505	-165.188207	-0.590848
-0.015065	-0.731627	-153.597827	
0.65604	-12.532505	-165.188207	-0.590848
-0.015065	-0.332648	-85.206936	
0.82802	-12.532505	-165.188207	-0.590848
-0.015065	-0.121528	-45.452170	
1.00000	-12.532505	-165.188207	-0.590848
-0.015065	-0.447440	-9.622574	

ELEM 80 ========== LENGTH = 4.004449

COMB DB-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.797143	47.619328	0.192681
0.000521	0.163300	1.002871	
0.17196	5.797143	47.619328	0.192681
0.000521	0.030462	3.192219	
0.34392	5.797143	47.619328	0.192681
0.000521	0.101507	6.159913	
0.51589	5.797143	47.619328	0.192681
0.000521	0.233569	9.178972	
0.68785	5.797143	47.619328	0.192681
0.000521	0.365631	12.215169	

COMB DB-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.691566	-4.415426	-0.191782
-0.001438	-0.162623	-4.910471	
0.17196	-0.691566	-4.415426	-0.191782
-0.001438	-0.030598	-37.621648	
0.34392	-0.691566	-4.415426	-0.191782
-0.001438	-0.102027	-70.340874	
0.51589	-0.691566	-4.415426	-0.191782
-0.001438	-0.234725	-103.078451	
0.68785	-0.691566	-4.415426	-0.191782
-0.001438	-0.367417	-135.857491	

COMB DB-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.277890	165.822506	0.255355
0.013569	0.214688	209.504686	
0.17196	12.277890	165.822506	0.255355
0.013569	0.048172	133.302261	
0.34392	12.277890	165.822506	0.255355
0.013569	0.144466	67.633511	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51589	12.277890	165.822506	0.255355
0.013569	0.337771	54.884646	
0.68785	12.277890	165.822506	0.255355
0.013569	0.549178	62.865095	

COMB DB-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.417448	-14.659348	-0.309377
-0.014608	-0.303014	-0.001331	
0.17196	-1.417448	-14.659348	-0.309377
-0.014608	-0.090130	-33.566322	
0.34392	-1.417448	-14.659348	-0.309377
-0.014608	-0.137138	-78.227143	
0.51589	-1.417448	-14.659348	-0.309377
-0.014608	-0.312886	-142.860789	
0.68785	-1.417448	-14.659348	-0.309377
-0.014608	-0.488632	-250.814462	

COMB DB-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.021820	162.833477	0.345406
0.014569	0.291448	237.538729	
0.17196	12.021820	162.833477	0.345406
0.014569	0.063109	191.936188	
0.34392	12.021820	162.833477	0.345406
0.014569	0.194605	155.206067	
0.51589	12.021820	162.833477	0.345406
0.014569	0.453611	172.549016	
0.68785	12.021820	162.833477	0.345406
0.014569	0.731113	211.078222	

COMB DB-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.817527	-59.083277	-0.405400
-0.014920	-0.385559	-0.014767	
0.17196	-5.817527	-59.083277	-0.405400
-0.014920	-0.107819	-30.473341	
0.34392	-5.817527	-59.083277	-0.405400
-0.014920	-0.184378	-71.014015	
0.51589	-5.817527	-59.083277	-0.405400
-0.014920	-0.422122	-132.304605	
0.68785	-5.817527	-59.083277	-0.405400
-0.014920	-0.659863	-237.961612	

COMB DB-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.702865	4.395414	0.184828
0.001540	0.157422	0.994655	
0.17196	0.702865	4.395414	0.184828
0.001540	0.030102	25.572146	
0.34392	0.702865	4.395414	0.184828
0.001540	0.102281	58.133523	
0.51589	0.702865	4.395414	0.184828
0.001540	0.235892	90.792559	
0.68785	0.702865	4.395414	0.184828

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0.001540    0.369500  123.483118

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -5.952635   -47.514292    -0.194016
 -0.000582  -0.164895   -7.628368
  0.17196   -5.952635   -47.514292    -0.194016
 -0.000582  -0.031124   -2.774545
  0.34392   -5.952635   -47.514292    -0.194016
 -0.000582  -0.097121   -5.455075
  0.51589   -5.952635   -47.514292    -0.194016
 -0.000582  -0.224402   -8.436112
  0.68785   -5.952635   -47.514292    -0.194016
 -0.000582  -0.351677  -11.453956

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    5.779287   105.141099     0.246532
 0.014578    0.208140   206.381499
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.17196    5.779287   105.141099     0.246532
 0.014578    0.047804   182.340168
  0.34392    5.779287   105.141099     0.246532
 0.014578    0.145142   158.443306
  0.51589    5.779287   105.141099     0.246532
 0.014578    0.339970   187.426234
  0.68785    5.779287   105.141099     0.246532
 0.014578    0.552914   237.130941

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -8.123997   -75.228332    -0.311598
 -0.013438  -0.305399    .000000
  0.17196   -8.123997   -75.228332    -0.311598
 -0.013438  -0.090898   -1.798742
  0.34392   -8.123997   -75.228332    -0.311598
 -0.013438  -0.131612   -4.616249
  0.51589   -8.123997   -75.228332    -0.311598
 -0.013438  -0.301228  -27.452473
  0.68785   -8.123997   -75.228332    -0.311598
 -0.013438  -0.470905   -93.614875

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   10.127332   151.509277     0.341565
 0.015231    0.288568   236.351744
  0.17196   10.127332   151.509277     0.341565
 0.015231    0.062855   185.526383
  0.34392   10.127332   151.509277     0.341565
 0.015231    0.195168   154.078777
  0.51589   10.127332   151.509277     0.341565
 0.015231    0.455058   178.945131
  0.68785   10.127332   151.509277     0.341565
 0.015231    0.733436   225.136320

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -7.772944   -70.335351    -0.406696
 -0.014741  -0.386827    .000000
  0.17196   -7.772944   -70.335351    -0.406696
 -0.014741  -0.106812   -5.376959
  0.34392   -7.772944   -70.335351    -0.406696
 -0.014741  -0.182105   -38.607973
  0.51589   -7.772944   -70.335351    -0.406696
 -0.014741  -0.417194   -92.275680
  0.68785   -7.772944   -70.335351    -0.406696
 -0.014741  -0.652314  -190.221739

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    5.366362    52.622911     0.263484
 0.000424    0.223011    1.364982
  0.17196    5.366362    52.622911     0.263484
 0.000424    0.041096    4.017958
  0.34392    5.366362    52.622911     0.263484
 0.000424    0.167237    7.709484
  0.51589    5.366362    52.622911     0.263484
 0.000424    0.378149   11.439636
  0.68785    5.366362    52.622911     0.263484
 0.000424    0.589051   15.190910

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -0.635986    -5.467731    -0.306286
 -0.001371  -0.254942    -6.656163
  0.17196   -0.635986    -5.467731    -0.306286
 -0.001371  -0.044441   -42.056231
  0.34392   -0.635986    -5.467731    -0.306286
 -0.001371  -0.138813   -78.210804
  0.51589   -0.635986    -5.467731    -0.306286
 -0.001371  -0.320344  -114.394285
  0.68785   -0.635986    -5.467731    -0.306286
 -0.001371  -0.501992  -150.610412
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 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   11.049096   158.284566     0.342721
 0.012318    0.292811   216.801663
  0.17196   11.049096   158.284566     0.342721
 0.012318    0.061850   147.919317
  0.34392   11.049096   158.284566     0.342721
 0.012318    0.224922    92.949843
  0.51589   11.049096   158.284566     0.342721
 0.012318    0.522824    80.688526
  0.68785   11.049096   158.284566     0.342721
 0.012318    0.836990    89.103687

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -1.428139   -16.394090    -0.458327
 -0.013378  -0.426454    .000000
  0.17196   -1.428139   -16.394090    -0.458327
 -0.013378  -0.112396   -33.645507
  0.34392   -1.428139   -16.394090    -0.458327
 -0.013378  -0.186512   -81.528767
  0.51589   -1.428139   -16.394090    -0.458327
 -0.013378  -0.419814  -150.497231
  0.68785   -1.428139   -16.394090    -0.458327
 -0.013378  -0.655542  -256.919217

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   10.740377   153.367785     0.458779
 0.012978    0.389737   251.671686
  0.17196   10.740377   153.367785     0.458779
 0.012978    0.080582   215.700481
  0.34392   10.740377   153.367785     0.458779
 0.012978    0.303195   192.096051
  0.51589   10.740377   153.367785     0.458779
 0.012978    0.712396   211.609026
  0.68785   10.740377   153.367785     0.458779
 0.012978    1.138066   251.913880

 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -5.428892   -62.877702    -0.620400
 -0.013388  -0.572093    -0.006786
  0.17196   -5.428892   -62.877702    -0.620400
 -0.013388  -0.148375   -30.655764
  0.34392   -5.428892   -62.877702    -0.620400
 -0.013388  -0.251216   -74.283429
  0.51589   -5.428892   -62.877702    -0.620400
 -0.013388  -0.563760  -139.567354
  0.68785   -5.428892   -62.877702    -0.620400
 -0.013388  -0.879191  -242.451455

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    0.646248     5.385447     0.226827
 0.001467    0.193091     1.349072
  0.17196    0.646248     5.385447     0.226827
 0.001467    0.037816    27.837372
  0.34392    0.646248     5.385447     0.226827
 0.001467    0.157207    63.530662
  0.51589    0.646248     5.385447     0.226827
 0.001467    0.369387    99.521012
  0.68785    0.646248     5.385447     0.226827
 0.001467    0.581481   135.627890

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -5.521831   -52.505410    -0.307918
 -0.000480  -0.266413    -9.605598
  0.17196   -5.521831   -52.505410    -0.307918
 -0.000480  -0.054242    -3.651775
  0.34392   -5.521831   -52.505410    -0.307918
 -0.000480  -0.119915    -6.893308
  0.51589   -5.521831   -52.505410    -0.307918
 -0.000480  -0.275969   -10.485924
  0.68785   -5.521831   -52.505410    -0.307918
 -0.000480  -0.432078   -14.150391
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 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    5.097504    93.691382     0.303417
 0.013361    0.260145   213.453137
  0.17196    5.097504    93.691382     0.303417
 0.013361    0.058607   202.064520
  0.34392    5.097504    93.691382     0.303417
 0.013361    0.213463   191.663441
  0.51589    5.097504    93.691382     0.303417
 0.013361    0.513253   223.838901
  0.68785    5.097504    93.691382     0.303417
 0.013361    0.829431   276.662749

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -7.586546   -80.845516    -0.461190
 -0.012235  -0.441387    .000000
  0.17196   -7.586546   -80.845516    -0.461190
 -0.012235  -0.125783   -2.148895
  0.34392   -7.586546   -80.845516    -0.461190
 -0.012235  -0.167636   -5.701132
  0.51589   -7.586546   -80.845516    -0.461190
 -0.012235  -0.373196   -30.227715
  0.68785   -7.586546   -80.845516    -0.461190
 -0.012235  -0.581566   -92.183662

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    8.953699   140.047837     0.437955
 0.013653    0.373219   250.235600
  0.17196    8.953699   140.047837     0.437955
 0.013653    0.078599   207.910540
  0.34392    8.953699   140.047837     0.437955
 0.013653    0.298263   189.682149
  0.51589    8.953699   140.047837     0.437955
 0.013653    0.707002   217.352805
  0.68785    8.953699   140.047837     0.437955
 0.013653    1.132277   266.333053

 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -7.278369   -76.028747    -0.619569
 -0.013166  -0.575035    .000000
  0.17196   -7.278369   -76.028747    -0.619569
 -0.013166  -0.150634    -4.427481
  0.34392   -7.278369   -76.028747    -0.619569
 -0.013166  -0.239266   -36.271164
  0.51589   -7.278369   -76.028747    -0.619569
 -0.013166  -0.537830   -91.711394
  0.68785   -7.278369   -76.028747    -0.619569
 -0.013166  -0.838800  -185.114772

 COMB       DB ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   12.277890   165.822506     0.345406
 0.015231    0.291448   237.538729
  0.17196   12.277890   165.822506     0.345406
 0.015231    0.063109   191.936188
  0.34392   12.277890   165.822506     0.345406
 0.015231    0.195168   158.443306
  0.51589   12.277890   165.822506     0.345406
 0.015231    0.455058   187.426234
  0.68785   12.277890   165.822506     0.345406
 0.015231    0.733436   237.130941

 COMB       DB ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -8.123997   -75.228332    -0.406696
 -0.014920  -0.386827   -7.628368
  0.17196   -8.123997   -75.228332    -0.406696
 -0.014920  -0.107819   -37.621648
  0.34392   -8.123997   -75.228332    -0.406696
 -0.014920  -0.184378   -78.227143
  0.51589   -8.123997   -75.228332    -0.406696
 -0.014920  -0.422122  -142.860789
  0.68785   -8.123997   -75.228332    -0.406696
 -0.014920  -0.659863  -250.814462
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 COMB       DL ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   11.049096   158.284566     0.458779
 0.013653    0.389737   251.671686
  0.17196   11.049096   158.284566     0.458779
 0.013653    0.080582   215.700481
  0.34392   11.049096   158.284566     0.458779
 0.013653    0.303195   192.096051
  0.51589   11.049096   158.284566     0.458779
 0.013653    0.712396   223.838901
  0.68785   11.049096   158.284566     0.458779
 0.013653    1.138066   276.662749

 COMB       DL ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -7.586546   -80.845516    -0.620400
 -0.013388  -0.575035    -9.605598
  0.17196   -7.586546   -80.845516    -0.620400
 -0.013388  -0.150634   -42.056231
  0.34392   -7.586546   -80.845516    -0.620400
 -0.013388  -0.251216   -81.528767
  0.51589   -7.586546   -80.845516    -0.620400
 -0.013388  -0.563760  -150.497231
  0.68785   -7.586546   -80.845516    -0.620400
 -0.013388  -0.879191  -256.919217

 COMB       CAR ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   12.277890   165.822506     0.458779
 0.015231    0.389737   251.671686
  0.17196   12.277890   165.822506     0.458779
 0.015231    0.080582   215.700481
  0.34392   12.277890   165.822506     0.458779
 0.015231    0.303195   192.096051
  0.51589   12.277890   165.822506     0.458779
 0.015231    0.712396   223.838901
  0.68785   12.277890   165.822506     0.458779
 0.015231    1.138066   276.662749

 COMB       CAR ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -8.123997   -80.845516    -0.620400
 -0.014920  -0.575035    -9.605598
  0.17196   -8.123997   -80.845516    -0.620400
 -0.014920  -0.150634   -42.056231
  0.34392   -8.123997   -80.845516    -0.620400
 -0.014920  -0.251216   -81.528767
  0.51589   -8.123997   -80.845516    -0.620400
 -0.014920  -0.563760  -150.497231
  0.68785   -8.123997   -80.845516    -0.620400
 -0.014920  -0.879191  -256.919217

 COMB  DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   12.277890   165.822506     0.458779
 0.015231    0.389737   251.671686
  0.17196   12.277890   165.822506     0.458779
 0.015231    0.080582   215.700481
  0.34392   12.277890   165.822506     0.458779
 0.015231    0.303195   192.096051
  0.51589   12.277890   165.822506     0.458779
 0.015231    0.712396   223.838901
  0.68785   12.277890   165.822506     0.458779
 0.015231    1.138066   276.662749

 COMB  DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000   -8.123997   -80.845516    -0.620400
 -0.014920  -0.575035    -9.605598
  0.17196   -8.123997   -80.845516    -0.620400
 -0.014920  -0.150634   -42.056231
  0.34392   -8.123997   -80.845516    -0.620400
 -0.014920  -0.251216   -81.528767
  0.51589   -8.123997   -80.845516    -0.620400
 -0.014920  -0.563760  -150.497231
  0.68785   -8.123997   -80.845516    -0.620400
 -0.014920  -0.879191  -256.919217
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 ELEM        81 ================== LENGTH =
 4.004982

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    6.462045    43.842435     0.186368
 0.000213    0.355396   115.519229
  0.48408    6.462045    43.842435     0.186368
 0.000213    0.227036    85.331443
  0.65606    6.462045    43.842435     0.186368
 0.000213    0.098652    55.184170
  0.82803    6.462045    43.842435     0.186368
 0.000213    0.028654    25.147671
  1.00000    6.462045    43.842435     0.186368
 0.000213    0.151641     0.965069

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -0.530891    -8.000671    -0.178493
 -0.001883  -0.340115   -22.048853
  0.48408   -0.530891    -8.000671    -0.178493
 -0.001883  -0.217182   -16.543895
  0.65606   -0.530891    -8.000671    -0.178493
 -0.001883  -0.094288   -11.074001
  0.82803   -0.530891    -8.000671    -0.178493
 -0.001883  -0.029554    -5.890118
  1.00000   -0.530891    -8.000671    -0.178493
 -0.001883  -0.158055    -5.418807

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    8.712150    71.398746     0.241195
 0.013041    0.455204   228.099119
  0.48408    8.712150    71.398746     0.241195
 0.013041    0.290122   180.945143
  0.65606    8.712150    71.398746     0.241195
 0.013041    0.124904   155.453765
  0.82803    8.712150    71.398746     0.241195
 0.013041    0.055041   181.855603
  1.00000    8.712150    71.398746     0.241195
 0.013041    0.258496   208.501043

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -5.610994   -109.051968    -0.295305
 -0.014921  -0.568195   -104.863294
  0.48408   -5.610994   -109.051968    -0.295305
 -0.014921  -0.365011    -36.218377
  0.65606   -5.610994   -109.051968    -0.295305
 -0.014921  -0.165092    -10.852025
  0.82803   -5.610994   -109.051968    -0.295305
 -0.014921  -0.077743    -5.054281
  1.00000   -5.610994   -109.051968    -0.295305
 -0.014921  -0.243996    -0.003688

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    8.183885    68.988507     0.341546
 0.014725    0.646258   223.805525
  0.48408    8.183885    68.988507     0.341546
 0.014725    0.412091   178.438578
  0.65606    8.183885    68.988507     0.341546
 0.014725    0.177798   155.276444
  0.82803    8.183885    68.988507     0.341546
 0.014725    0.071162   185.548336
  1.00000    8.183885    68.988507     0.341546
 0.014725    0.346087   236.307681

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -10.461955   -152.279949    -0.398463
 -0.015276  -0.765096   -194.705446
  0.48408   -10.461955   -152.279949    -0.398463
 -0.015276  -0.490858    -96.438096
  0.65606   -10.461955   -152.279949    -0.398463
 -0.015276  -0.219943    -42.397455
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.82803   -10.461955   -152.279949    -0.398463
 -0.015276  -0.094805    -8.344884
  1.00000   -10.461955   -152.279949    -0.398463
 -0.015276  -0.330144    -0.003589

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    0.550081     7.859209     0.196312
 0.001982    0.374131    22.199882
  0.48408    0.550081     7.859209     0.196312
 0.001982    0.238923    16.791150
  0.65606    0.550081     7.859209     0.196312
 0.001982    0.103704    11.401963
  0.82803    0.550081     7.859209     0.196312
 0.001982    0.031823     6.072212
  1.00000    0.550081     7.859209     0.196312
 0.001982    0.171296     1.044321

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -6.569411    -42.998852    -0.202197
 -0.000136  -0.385764   -125.763530
  0.48408   -6.569411    -42.998852    -0.202197
 -0.000136  -0.246497    -96.158821
  0.65606   -6.569411    -42.998852    -0.202197
 -0.000136  -0.107221    -66.591941
  0.82803   -6.569411    -42.998852    -0.202197
 -0.000136  -0.031487    -37.057531
  1.00000   -6.569411    -42.998852    -0.202197
 -0.000136  -0.166724     -7.650583

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    1.214983    18.967286     0.255312
 0.015302    0.481827    75.014329
  0.48408    1.214983    18.967286     0.255312
 0.015302    0.307017    63.978356
  0.65606    1.214983    18.967286     0.255312
 0.015302    0.132184    74.603783
  0.82803    1.214983    18.967286     0.255312
 0.015302    0.059138   137.138180
  1.00000    1.214983    18.967286     0.255312
 0.015302    0.282565   205.966550

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -13.222798   -160.031224    -0.324096
 -0.013033  -0.623426   -238.318310
  0.48408   -13.222798   -160.031224    -0.324096
 -0.013033  -0.400420   -134.559687
  0.65606   -13.222798   -160.031224    -0.324096
 -0.013033  -0.180639    -74.070875
  0.82803   -13.222798   -160.031224    -0.324096
 -0.013033  -0.080810    -33.113672
  1.00000   -13.222798   -160.031224    -0.324096
 -0.013033  -0.256272     -0.024687

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    5.947938    61.190942     0.343974
 0.015319    0.650835   217.888781
  0.48408    5.947938    61.190942     0.343974
 0.015319    0.415021   177.818768
  0.65606    5.947938    61.190942     0.343974
 0.015319    0.179126   159.887118
  0.82803    5.947938    61.190942     0.343974
 0.015319    0.072744   195.102843
  1.00000    5.947938    61.190942     0.343974
 0.015319    0.354038   235.367404
```

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.784688	-159.865956	-0.408070
-0.014273	-0.789042	-232.418920	

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REL_DIST	P	V2	V3
T	M2	M3	
0.48408	-12.784688	-159.865956	-0.408070
-0.014273	-0.508504	-128.992735	
0.65606	-12.784688	-159.865956	-0.408070
-0.014273	-0.231413	-69.879276	
0.82803	-12.784688	-159.865956	-0.408070
-0.014273	-0.095678	-30.973401	
1.00000	-12.784688	-159.865956	-0.408070
-0.014273	-0.332328	-0.023776	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.074102	45.750814	0.249487
0.000201	0.475501	120.260256	
0.48408	6.074102	45.750814	0.249487
0.000201	0.303542	88.831503	
0.65606	6.074102	45.750814	0.249487
0.000201	0.131689	57.415930	
0.82803	6.074102	45.750814	0.249487
0.000201	0.050062	26.304176	
1.00000	6.074102	45.750814	0.249487
0.000201	0.275079	1.329392	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.457055	-10.066784	-0.328314
-0.001884	-0.629646	-28.251306	
0.48408	-0.457055	-10.066784	-0.328314
-0.001884	-0.403597	-21.360831	
0.65606	-0.457055	-10.066784	-0.328314
-0.001884	-0.177496	-14.530320	
0.82803	-0.457055	-10.066784	-0.328314
-0.001884	-0.040175	-8.010144	
1.00000	-0.457055	-10.066784	-0.328314
-0.001884	-0.211419	-7.342569	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.214842	73.413356	0.334284
0.011961	0.610539	258.581550	
0.48408	8.214842	73.413356	0.334284
0.011961	0.388694	211.036498	
0.65606	8.214842	73.413356	0.334284
0.011961	0.166143	184.419982	
0.82803	8.214842	73.413356	0.334284
0.011961	0.082091	199.757930	
1.00000	8.214842	73.413356	0.334284
0.011961	0.426550	215.805885	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-4.906810	-98.903941	-0.504148
-0.013799	-0.975464	-106.920470	
0.48408	-4.906810	-98.903941	-0.504148
-0.013799	-0.629908	-41.420766	
0.65606	-4.906810	-98.903941	-0.504148
-0.013799	-0.287826	-13.597764	
0.82803	-4.906810	-98.903941	-0.504148
-0.013799	-0.094736	-6.242045	
1.00000	-4.906810	-98.903941	-0.504148
-0.013799	-0.324423	-0.003050	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	7.707690	72.059520	0.466781
0.013347	0.861981	260.600163	
0.48408	7.707690	72.059520	0.466781
0.013347	0.548866	214.400371	
0.65606	7.707690	72.059520	0.466781
0.013347	0.235327	189.603953	
0.82803	7.707690	72.059520	0.466781
0.013347	0.112874	209.058324	
1.00000	7.707690	72.059520	0.466781
0.013347	0.600524	250.798360	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-9.262786	-140.244212	-0.710564
-0.013827	-1.369750	-190.202310	
0.48408	-9.262786	-140.244212	-0.710564
-0.013827	-0.881934	-96.617290	
0.65606	-9.262786	-140.244212	-0.710564
-0.013827	-0.397459	-41.142320	
0.82803	-9.262786	-140.244212	-0.710564
-0.013827	-0.117488	-8.304572	
1.00000	-9.262786	-140.244212	-0.710564
-0.013827	-0.438191	-0.002968	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.475404	9.960306	0.251216
0.002026	0.478121	28.036414	
0.48408	0.475404	9.960306	0.251216
0.002026	0.305104	21.228708	
0.65606	0.475404	9.960306	0.251216
0.002026	0.132202	14.440314	
0.82803	0.475404	9.960306	0.251216
0.002026	0.062349	7.707723	
1.00000	0.475404	9.960306	0.251216
0.002026	0.321208	1.407283	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.190169	-44.957753	-0.375084
-0.000122	-0.711949	-132.714132	
0.48408	-6.190169	-44.957753	-0.375084
-0.000122	-0.453434	-101.804508	
0.65606	-6.190169	-44.957753	-0.375084
-0.000122	-0.194772	-70.926491	
0.82803	-6.190169	-44.957753	-0.375084
-0.000122	-0.041508	-40.091893	
1.00000	-6.190169	-44.957753	-0.375084
-0.000122	-0.214184	-9.584138	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.194716	21.912594	0.342747
0.014275	0.625949	106.097168	
0.48408	1.194716	21.912594	0.342747
0.014275	0.398516	93.991329	
0.65606	1.194716	21.912594	0.342747
0.014275	0.170656	102.830852	
0.82803	1.194716	21.912594	0.342747
0.014275	0.097011	153.710504	
1.00000	1.194716	21.912594	0.342747
0.014275	0.484782	213.361435	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.032952	-148.980221	-0.562425
-0.011928	-1.077003	-236.447327	
0.48408	-12.032952	-148.980221	-0.562425
-0.011928	-0.690990	-136.475844	
0.65606	-12.032952	-148.980221	-0.562425
-0.011928	-0.308372	-74.127804	
0.82803	-12.032952	-148.980221	-0.562425
-0.011928	-0.097743	-32.299244	
1.00000	-12.032952	-148.980221	-0.562425
-0.011928	-0.332550	-0.028274	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	5.550647	64.286589	0.462249
0.014012	0.852942	257.692807	
0.48408	5.550647	64.286589	0.462249
0.014012	0.543406	216.554989	
0.65606	5.550647	64.286589	0.462249
0.014012	0.233195	196.434890	
0.82803	5.550647	64.286589	0.462249
0.014012	0.118424	218.702348	
1.00000	5.550647	64.286589	0.462249
0.014012	0.618403	249.724429	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-11.521148	-147.927188	-0.729228
-0.012860	-1.404611	-231.047509	
0.48408	-11.521148	-147.927188	-0.729228
-0.012860	-0.904241	-131.985152	
0.65606	-11.521148	-147.927188	-0.729228
-0.012860	-0.407474	-70.679533	
0.82803	-11.521148	-147.927188	-0.729228
-0.012860	-0.120031	-30.303794	
1.00000	-11.521148	-147.927188	-0.729228
-0.012860	-0.435225	-0.027333	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.712150	71.398746	0.343974
0.015319	0.650835	228.099119	
0.48408	8.712150	71.398746	0.343974
0.015319	0.415021	180.945143	
0.65606	8.712150	71.398746	0.343974
0.015319	0.179126	159.887118	
0.82803	8.712150	71.398746	0.343974
0.015319	0.072744	195.102843	
1.00000	8.712150	71.398746	0.343974
0.015319	0.354038	236.307681	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.222798	-160.031224	-0.408070
-0.015276	-0.789042	-238.318310	
0.48408	-13.222798	-160.031224	-0.408070
-0.015276	-0.508504	-134.559687	
0.65606	-13.222798	-160.031224	-0.408070
-0.015276	-0.231413	-74.070875	
0.82803	-13.222798	-160.031224	-0.408070
-0.015276	-0.095678	-37.057531	
1.00000	-13.222798	-160.031224	-0.408070
-0.015276	-0.332328	-7.650583	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.214842	73.413356	0.466781
0.014275	0.861981	260.600163	
0.48408	8.214842	73.413356	0.466781
0.014275	0.548866	216.554989	
0.65606	8.214842	73.413356	0.466781
0.014275	0.235327	196.434890	
0.82803	8.214842	73.413356	0.466781
0.014275	0.118424	218.702348	
1.00000	8.214842	73.413356	0.466781
0.014275	0.618403	250.798360	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.032952	-148.980221	-0.729228
-0.013827	-1.404611	-236.447327	
0.48408	-12.032952	-148.980221	-0.729228
-0.013827	-0.904241	-136.475844	
0.65606	-12.032952	-148.980221	-0.729228
-0.013827	-0.407474	-74.127804	
0.82803	-12.032952	-148.980221	-0.729228
-0.013827	-0.120031	-40.091893	
1.00000	-12.032952	-148.980221	-0.729228
-0.013827	-0.438191	-9.584138	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.712150	73.413356	0.466781
0.015319	0.861981	260.600163	
0.48408	8.712150	73.413356	0.466781
0.015319	0.548866	216.554989	
0.65606	8.712150	73.413356	0.466781
0.015319	0.235327	196.434890	
0.82803	8.712150	73.413356	0.466781
0.015319	0.118424	218.702348	
1.00000	8.712150	73.413356	0.466781
0.015319	0.618403	250.798360	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.222798	-160.031224	-0.729228
-0.015276	-1.404611	-238.318310	
0.48408	-13.222798	-160.031224	-0.729228
-0.015276	-0.904241	-136.475844	
0.65606	-13.222798	-160.031224	-0.729228
-0.015276	-0.407474	-74.127804	
0.82803	-13.222798	-160.031224	-0.729228
-0.015276	-0.120031	-40.091893	
1.00000	-13.222798	-160.031224	-0.729228
-0.015276	-0.438191	-9.584138	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.712150	73.413356	0.466781
0.015319	0.861981	260.600163	
0.48408	8.712150	73.413356	0.466781
0.015319	0.548866	216.554989	
0.65606	8.712150	73.413356	0.466781
0.015319	0.235327	196.434890	
0.82803	8.712150	73.413356	0.466781
0.015319	0.118424	218.702348	
1.00000	8.712150	73.413356	0.466781
0.015319	0.618403	250.798360	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.222798	-160.031224	-0.729228
-0.015276	-1.404611	-238.318310	
0.48408	-13.222798	-160.031224	-0.729228
-0.015276	-0.904241	-136.475844	
0.65606	-13.222798	-160.031224	-0.729228
-0.015276	-0.407474	-74.127804	
0.82803	-13.222798	-160.031224	-0.729228
-0.015276	-0.120031	-40.091893	
1.00000	-13.222798	-160.031224	-0.729228
-0.015276	-0.438191	-9.584138	

ELEM 82 ========== LENGTH = 4.005013

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.411396	43.302236	0.185517
0.000150	0.157194	0.966265	
0.17197	6.411396	43.302236	0.185517
0.000150	0.029217	5.425194	
0.34395	6.411396	43.302236	0.185517
0.000150	0.093945	10.806708	
0.51592	6.411396	43.302236	0.185517
0.000150	0.216152	16.245425	
0.68789	6.411396	43.302236	0.185517
0.000150	0.338358	21.700081	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.541055	-7.924545	-0.177490
-0.001887	-0.150676	-5.400104	
0.17197	-0.541055	-7.924545	-0.177490
-0.001887	-0.028452	-35.128689	
0.34395	-0.541055	-7.924545	-0.177490
-0.001887	-0.098316	-64.867774	
0.51592	-0.541055	-7.924545	-0.177490
-0.001887	-0.226116	-94.643063	
0.68789	-0.541055	-7.924545	-0.177490
-0.001887	-0.353891	-124.456672	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.071766	160.689052	0.241933
0.013143	0.203161	208.187192	
0.17197	13.071766	160.689052	0.241933
0.013143	0.044758	135.954255	
0.34395	13.071766	160.689052	0.241933
0.013143	0.149011	73.265956	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.51592	13.071766	160.689052	0.241933
0.013143	0.348389	62.903429	
0.68789	13.071766	160.689052	0.241933
0.013143	0.564619	73.822536	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.211086	-18.868690	-0.316989
-0.015142	-0.309142	.000000	
0.17197	-1.211086	-18.868690	-0.316989
-0.015142	-0.090811	-30.917122	
0.34395	-1.211086	-18.868690	-0.316989
-0.015142	-0.129902	-72.163964	
0.51592	-1.211086	-18.868690	-0.316989
-0.015142	-0.296701	-133.318315	
0.68789	-1.211086	-18.868690	-0.316989
-0.015142	-0.463326	-237.994721	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.638715	160.386096	0.343147
0.014480	0.289552	235.998930	
0.17197	12.638715	160.386096	0.343147
0.014480	0.061619	192.462264	
0.34395	12.638715	160.386096	0.343147
0.014480	0.203316	156.989952	
0.51592	12.638715	160.386096	0.343147
0.014480	0.473909	174.980876	
0.68789	12.638715	160.386096	0.343147
0.014480	0.761715	214.718462	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.014563	-60.781879	-0.420960
-0.015171	-0.398502	-0.000507	
0.17197	-6.014563	-60.781879	-0.420960
-0.015171	-0.114007	-28.613701	
0.34395	-6.014563	-60.781879	-0.420960
-0.015171	-0.182940	-67.632481	
0.51592	-6.014563	-60.781879	-0.420960
-0.015171	-0.419437	-127.328084	
0.68789	-6.014563	-60.781879	-0.420960
-0.015171	-0.655776	-231.573429	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.538520	7.935692	0.196980
0.002055	0.168009	1.045602	
0.17197	0.538520	7.935692	0.196980
0.002055	0.032333	22.843939	
0.34395	0.538520	7.935692	0.196980
0.002055	0.106615	52.665255	
0.51592	0.538520	7.935692	0.196980
0.002055	0.245984	82.597377	
0.68789	0.538520	7.935692	0.196980
0.002055	0.385351	112.575933	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.620359	-43.539352	-0.202336
-0.000178	-0.172076	-7.634108	
0.17197	-6.620359	-43.539352	-0.202336
-0.000178	-0.032572	-5.232386	
0.34395	-6.620359	-43.539352	-0.202336
-0.000178	-0.103312	-10.347066	
0.51592	-6.620359	-43.539352	-0.202336
-0.000178	-0.238994	-15.766449	
0.68789	-6.620359	-43.539352	-0.202336
-0.000178	-0.374664	-21.218796	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.632116	109.177445	0.258039
0.015154	0.218133	205.650713	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.17197	5.632116	109.177445	0.258039
0.015154	0.049116	178.600521	
0.34395	5.632116	109.177445	0.258039
0.015154	0.164556	151.711956	
0.51592	5.632116	109.177445	0.258039
0.015154	0.384994	177.104783	
0.68789	5.632116	109.177445	0.258039
0.015154	0.622247	223.777351	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.880622	-70.767509	-0.347521
-0.012983	-0.335609	-0.030642	
0.17197	-8.880622	-70.767509	-0.347521
-0.012983	-0.096183	-4.188135	
0.34395	-8.880622	-70.767509	-0.347521
-0.012983	-0.137235	-9.910246	
0.51592	-8.880622	-70.767509	-0.347521
-0.012983	-0.315021	-35.582591	
0.68789	-8.880622	-70.767509	-0.347521
-0.012983	-0.492744	-104.776790	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.412383	152.718112	0.346112
0.015531	0.292590	235.057992	
0.17197	10.412383	152.718112	0.346112
0.015531	0.062968	182.872820	
0.34395	10.412383	152.718112	0.346112
0.015531	0.208415	151.634145	
0.51592	10.412383	152.718112	0.346112
0.015531	0.485976	174.768146	
0.68789	10.412383	152.718112	0.346112
0.015531	0.780672	219.737721	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.346714	-68.495390	-0.430991
-0.014599	-0.407159	-0.029373	
0.17197	-8.346714	-68.495390	-0.430991
-0.014599	-0.110213	-6.663353	
0.34395	-8.346714	-68.495390	-0.430991
-0.014599	-0.184152	-40.729152	
0.51592	-8.346714	-68.495390	-0.430991
-0.014599	-0.422617	-95.290463	
0.68789	-8.346714	-68.495390	-0.430991
-0.014599	-0.660962	-194.332074	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.035951	45.220593	0.248105
0.000146	0.209732	1.330983	
0.17197	6.035951	45.220593	0.248105
0.000146	0.064489	6.855051	
0.34395	6.035951	45.220593	0.248105
0.000146	0.178627	13.635402	
0.51592	6.035951	45.220593	0.248105
0.000146	0.404519	20.468454	
0.68789	6.035951	45.220593	0.248105
0.000146	0.630357	27.323974	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.469349	-10.020567	-0.327995
-0.001924	-0.273317	-7.327241	
0.17197	-0.469349	-10.020567	-0.327995
-0.001924	-0.047529	-37.405497	
0.34395	-0.469349	-10.020567	-0.327995
-0.001924	-0.131324	-68.443756	
0.51592	-0.469349	-10.020567	-0.327995
-0.001924	-0.302214	-99.515192	
0.68789	-0.469349	-10.020567	-0.327995
-0.001924	-0.473127	-130.620726	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3

```
     T          M2          M3
 0.00000    11.908715   149.567993       0.326116
0.011994    0.274719   215.797357
 0.17197    11.908715   149.567993       0.326116
0.011994    0.057962   152.739095
 0.34395    11.908715   149.567993       0.326116
0.011994    0.260353   101.700821
 0.51592    11.908715   149.567993       0.326116
0.011994    0.608273    92.900752
 0.68789    11.908715   149.567993       0.326116
0.011994    0.969428   105.146415

  COMB DL-G1-2 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -1.188582   -21.847491      -0.527680
-0.014094   -0.485299    000000
 0.17197   -1.188582   -21.847491      -0.527680
-0.014094   -0.123398   -29.552471
 0.34395   -1.188582   -21.847491      -0.527680
-0.014094   -0.175438   -71.522934
 0.51592   -1.188582   -21.847491      -0.527680
-0.014094   -0.399437  -134.587417
 0.68789   -1.188582   -21.847491      -0.527680
-0.014094   -0.624300  -235.090245

  COMB DL-G1-3 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   11.397002   148.358750       0.460358
0.013049   0.389410   250.798937
 0.17197   11.397002   148.358750       0.460358
0.013049   0.080629   216.276405
 0.34395   11.397002   148.358750       0.460358
0.013049   0.362054   193.570550
 0.51592   11.397002   148.358750       0.460358
0.013049   0.854973   213.490769
 0.68789   11.397002   148.358750       0.460358
0.013049   1.361037   254.593343

  COMB DL-G1-3 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -5.589388   -63.944402      -0.737987
-0.013845   -0.672809   -0.000442
 0.17197   -5.589388   -63.944402      -0.737987
-0.013845   -0.167396   -27.377060
 0.34395   -5.589388   -63.944402      -0.737987
-0.013845   -0.246403   -67.686314
 0.51592   -5.589388   -63.944402      -0.737987
-0.013845   -0.562595  -129.576427
 0.68789   -5.589388   -63.944402      -0.737987
-0.013845   -0.879853  -229.050342

  COMB DL-G2-1 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000    0.461477    10.006865       0.252345
0.002081    0.216591    1.409153
 0.17197    0.461477    10.006865       0.252345
0.002081    0.042962    23.554939
 0.34395    0.461477    10.006865       0.252345
0.002081    0.195513    54.351784
 0.51592    0.461477    10.006865       0.252345
0.002081    0.457683    85.512755
 0.68789    0.461477    10.006865       0.252345
0.002081    0.719629   116.780924

  COMB DL-G2-1 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -6.228305   -45.484975      -0.380179
-0.000183   -0.327305   -9.573653
 0.17197   -6.228305   -45.484975      -0.380179
-0.000183   -0.064257   -7.303970
 0.34395   -6.228305   -45.484975      -0.380179
-0.000183   -0.131391   -13.708510
 0.51592   -6.228305   -45.484975      -0.380179
-0.000183   -0.305089   -20.475251
 0.68789   -6.228305   -45.484975      -0.380179
-0.000183   -0.478873   -27.313726
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  COMB DL-G2-2 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000    4.929878    98.999598       0.338309
0.014072    0.288497   213.353956
 0.17197    4.929878    98.999598       0.338309
0.014072    0.065012   196.044261
 0.34395    4.929878    98.999598       0.338309
0.014072    0.281024   180.283627
 0.51592    4.929878    98.999598       0.338309
0.014072    0.674574   206.624751
 0.68789    4.929878    98.999598       0.338309
0.014072    1.081064   253.976994

  COMB DL-G2-2 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -8.357483   -72.852829      -0.593239
-0.011879   -0.553629   -0.036103
 0.17197   -8.357483   -72.852829      -0.593239
-0.011879   -0.144600   -5.125735
 0.34395   -8.357483   -72.852829      -0.593239
-0.011879   -0.179883   -12.399800
 0.51592   -8.357483   -72.852829      -0.593239
-0.011879   -0.411818   -40.596314
 0.68789   -8.357483   -72.852829      -0.593239
-0.011879   -0.644882  -106.226850

  COMB DL-G2-3 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000    9.240188   140.614290       0.456564
0.014111    0.387864   249.726023
 0.17197    9.240188   140.614290       0.456564
0.014111    0.082812   206.141172
 0.34395    9.240188   140.614290       0.456564
0.014111    0.369341   185.706031
 0.51592    9.240188   140.614290       0.456564
0.014111    0.876790   210.242168
 0.68789    9.240188   140.614290       0.456564
0.014111    1.397131   256.323537

  COMB DL-G2-3 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -7.847827   -71.655649      -0.758709
-0.013202   -0.693590   -0.034270
 0.17197   -7.847827   -71.655649      -0.758709
-0.013202   -0.171018   -6.598105
 0.34395   -7.847827   -71.655649      -0.758709
-0.013202   -0.243396   -39.143784
 0.51592   -7.847827   -71.655649      -0.758709
-0.013202   -0.557086   -95.085942
 0.68789   -7.847827   -71.655649      -0.758709
-0.013202   -0.871317  -188.959896

  COMB DB ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   13.071766   160.689052       0.346112
0.015531    0.292590   235.998930
 0.17197   13.071766   160.689052       0.346112
0.015531    0.062968   192.462264
 0.34395   13.071766   160.689052       0.346112
0.015531    0.208415   156.989952
 0.51592   13.071766   160.689052       0.346112
0.015531    0.485976   177.104783
 0.68789   13.071766   160.689052       0.346112
0.015531    0.780672   223.777351

  COMB DB ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -8.880622   -70.767509      -0.430991
-0.015171   -0.407159   -7.634108
 0.17197   -8.880622   -70.767509      -0.430991
-0.015171   -0.114007   -35.128689
 0.34395   -8.880622   -70.767509      -0.430991
-0.015171   -0.184152   -72.163964
 0.51592   -8.880622   -70.767509      -0.430991
-0.015171   -0.422617  -133.318315
 0.68789   -8.880622   -70.767509      -0.430991
-0.015171   -0.660962  -237.994721
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  COMB DL ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   11.908715   149.567993       0.460358
0.014111    0.389410   250.798937
 0.17197   11.908715   149.567993       0.460358
0.014111    0.082812   216.276405
 0.34395   11.908715   149.567993       0.460358
0.014111    0.369341   193.570550
 0.51592   11.908715   149.567993       0.460358
0.014111    0.876790   213.490769
 0.68789   11.908715   149.567993       0.460358
0.014111    1.397131   256.323537

  COMB DL ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -8.357483   -72.852829      -0.758709
-0.014094   -0.693590   -9.573653
 0.17197   -8.357483   -72.852829      -0.758709
-0.014094   -0.171018   -37.405497
 0.34395   -8.357483   -72.852829      -0.758709
-0.014094   -0.246403   -71.522934
 0.51592   -8.357483   -72.852829      -0.758709
-0.014094   -0.562595  -134.587417
 0.68789   -8.357483   -72.852829      -0.758709
-0.014094   -0.879853  -235.090245

  COMB CAR ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   13.071766   160.689052       0.460358
0.015531    0.389410   250.798937
 0.17197   13.071766   160.689052       0.460358
0.015531    0.082812   216.276405
 0.34395   13.071766   160.689052       0.460358
0.015531    0.369341   193.570550
 0.51592   13.071766   160.689052       0.460358
0.015531    0.876790   213.490769
 0.68789   13.071766   160.689052       0.460358
0.015531    1.397131   256.323537

  COMB CAR ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -8.880622   -72.852829      -0.758709
-0.015171   -0.693590   -9.573653
 0.17197   -8.880622   -72.852829      -0.758709
-0.015171   -0.171018   -37.405497
 0.34395   -8.880622   -72.852829      -0.758709
-0.015171   -0.246403   -72.163964
 0.51592   -8.880622   -72.852829      -0.758709
-0.015171   -0.562595  -134.587417
 0.68789   -8.880622   -72.852829      -0.758709
-0.015171   -0.879853  -237.994721

  COMB DESIGN ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   13.071766   160.689052       0.460358
0.015531    0.389410   250.798937
 0.17197   13.071766   160.689052       0.460358
0.015531    0.082812   216.276405
 0.34395   13.071766   160.689052       0.460358
0.015531    0.369341   193.570550
 0.51592   13.071766   160.689052       0.460358
0.015531    0.876790   213.490769
 0.68789   13.071766   160.689052       0.460358
0.015531    1.397131   256.323537

  COMB DESIGN ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.00000   -8.880622   -72.852829      -0.758709
-0.015171   -0.693590   -9.573653
 0.17197   -8.880622   -72.852829      -0.758709
-0.015171   -0.171018   -37.405497
 0.34395   -8.880622   -72.852829      -0.758709
-0.015171   -0.246403   -72.163964
 0.51592   -8.880622   -72.852829      -0.758709
-0.015171   -0.562595  -134.587417
 0.68789   -8.880622   -72.852829      -0.758709
-0.015171   -0.879853  -237.994721
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ELEM       83 ================== LENGTH =
4.005621

  COMB DB-G1-1 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    6.320562    36.821040       0.177438
3.64E-05    0.338311    95.986245
 0.48405    6.320562    36.821040       0.177438
3.64E-05    0.216053    70.627259
 0.65603    6.320562    36.821040       0.177438
3.64E-05    0.093795    45.293118
 0.82802    6.320562    36.821040       0.177438
3.64E-05    0.026491    20.053122
 1.00000    6.320562    36.821040       0.177438
3.64E-05    0.147263    0.954502

  COMB DB-G1-1 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -0.714742   -13.769272      -0.175604
-0.002325   -0.336643   -38.286915
 0.48405   -0.714742   -13.769272      -0.175604
-0.002325   -0.215674   -28.806244
 0.65603   -0.714742   -13.769272      -0.175604
-0.002325   -0.094695   -19.358250
 0.82802   -0.714742   -13.769272      -0.175604
-0.002325   -0.028185   -10.216937
 1.00000   -0.714742   -13.769272      -0.175604
-0.002325   -0.150653   -5.664396

  COMB DB-G1-2 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    8.500642    63.164091       0.240053
0.012890    0.457289   203.261809
 0.48405    8.500642    63.164091       0.240053
0.012890    0.291922   161.797082
 0.65603    8.500642    63.164091       0.240053
0.012890    0.126464   142.677227
 0.82802    8.500642    63.164091       0.240053
0.012890    0.056453   174.719313
 1.00000    8.500642    63.164091       0.240053
0.012890    0.283365   207.035914

  COMB DB-G1-2 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -5.896852   -115.863033      -0.332824
-0.015356   -0.644433   -124.098790
 0.48405   -5.896852   -115.863033      -0.332824
-0.015356   -0.415309   -50.208382
 0.65603   -5.896852   -115.863033      -0.332824
-0.015356   -0.186692   -19.941817
 0.82802   -5.896852   -115.863033      -0.332824
-0.015356   -0.075518   -9.443446
 1.00000   -5.896852   -115.863033      -0.332824
-0.015356   -0.229269   -0.007677

  COMB DB-G1-3 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    8.094280    65.045222       0.356384
0.014880    0.678766   211.876242
 0.48405    8.094280    65.045222       0.356384
0.014880    0.433257   169.295060
 0.65603    8.094280    65.045222       0.356384
0.014880    0.187649   149.644319
 0.82802    8.094280    65.045222       0.356384
0.014880    0.074215   182.575102
 1.00000    8.094280    65.045222       0.356384
0.014880    0.375994   234.730731

  COMB DB-G1-3 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -10.684017   -154.401317      -0.441360
-0.015463   -0.851088   -201.405338
 0.48405   -10.684017   -154.401317      -0.441360
-0.015463   -0.547195   -101.095736
 0.65603   -10.684017   -154.401317      -0.441360
-0.015463   -0.244655   -45.369861
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 REL DIST            P           V2           V3
     T          M2          M3
 0.82802   -10.684017   -154.401317      -0.441360
-0.015463   -0.095252   -10.109728
 1.00000   -10.684017   -154.401317      -0.441360
-0.015463   -0.328897   -0.009224

  COMB DB-G2-1 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    0.731043    13.560663       0.214057
0.002432    0.407659    37.778309
 0.48405    0.731043    13.560663       0.214057
0.002432    0.260194    28.449844
 0.65603    0.731043    13.560663       0.214057
0.002432    0.112723    19.138117
 0.82802    0.731043    13.560663       0.214057
0.002432    0.033720    9.878118
 1.00000    0.731043    13.560663       0.214057
0.002432    0.180853    1.040780

  COMB DB-G2-1 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -6.414761   -36.107345      -0.213417
-2.21E-05   -0.407247   -106.265681
 0.48405   -6.414761   -36.107345      -0.213417
-2.21E-05   -0.260204   -81.401734
 0.65603   -6.414761   -36.107345      -0.213417
-2.21E-05   -0.113161   -56.575271
 0.82802   -6.414761   -36.107345      -0.213417
-2.21E-05   -0.034744   -31.782561
 1.00000   -6.414761   -36.107345      -0.213417
-2.21E-05   -0.182204   -7.147107

  COMB DB-G2-2 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    1.396094    25.646301       0.288490
0.015854    0.549052    92.399786
 0.48405    1.396094    25.646301       0.288490
0.015854    0.350317    76.789943
 0.65603    1.396094    25.646301       0.288490
0.015854    0.151578    83.525815
 0.82802    1.396094    25.646301       0.288490
0.015854    0.064346   141.437052
 1.00000    1.396094    25.646301       0.288490
0.015854    0.311092   205.329241

  COMB DB-G2-2 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -13.136580   -151.991203      -0.360899
-0.012777   -0.693960   -216.721018
 0.48405   -13.136580   -151.991203      -0.360899
-0.012777   -0.445459   -117.925543
 0.65603   -13.136580   -151.991203      -0.360899
-0.012777   -0.197342   -62.753286
 0.82802   -13.136580   -151.991203      -0.360899
-0.012777   -0.084011   -27.313511
 1.00000   -13.136580   -151.991203      -0.360899
-0.012777   -0.271001   -0.034787

  COMB DB-G2-3 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    5.997997    63.112722       0.368759
0.015813    0.702131   221.425445
 0.48405    5.997997    63.112722       0.368759
0.015813    0.448098   180.123509
 0.65603    5.997997    63.112722       0.368759
0.015813    0.194007   161.675269
 0.82802    5.997997    63.112722       0.368759
0.015813    0.078231   195.519687
 1.00000    5.997997    63.112722       0.368759
0.015813    0.401956   234.064971

  COMB DB-G2-3 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -12.829488   -156.169869      -0.473243
-0.014283   -0.913251   -221.792685
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 REL DIST            P           V2           V3
     T          M2          M3
 0.48405   -12.829488   -156.169869      -0.473243
-0.014283   -0.587374   -120.342060
 0.65603   -12.829488   -156.169869      -0.473243
-0.014283   -0.262068   -63.566671
 0.82802   -12.829488   -156.169869      -0.473243
-0.014283   -0.097541   -27.227198
 1.00000   -12.829488   -156.169869      -0.473243
-0.014283   -0.339659   -0.033729

  COMB DL-G1-1 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    5.502523    35.890576       0.236005
3.53E-05    0.450456    93.550569
 0.48405    5.502523    35.890576       0.236005
3.53E-05    0.287877    68.877777
 0.65603    5.502523    35.890576       0.236005
3.53E-05    0.124863    44.248943
 0.82802    5.502523    35.890576       0.236005
3.53E-05    0.054695    19.854595
 1.00000    5.502523    35.890576       0.236005
3.53E-05    0.293617    1.326438

  COMB DL-G1-1 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -0.731882   -18.717321      -0.347627
-0.002658   -0.664539   -52.974587
 0.48405   -0.731882   -18.717321      -0.347627
-0.002658   -0.425126   -40.114543
 0.65603   -0.731882   -18.717321      -0.347627
-0.002658   -0.185674   -27.312344
 0.82802   -0.731882   -18.717321      -0.347627
-0.002658   -0.037264   -14.826627
 1.00000   -0.731882   -18.717321      -0.347627
-0.002658   -0.199755   -7.805875

  COMB DL-G1-2 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    7.502270    61.851698       0.329397
0.011840    0.621912   223.976737
 0.48405    7.502270    61.851698       0.329397
0.011840    0.396965   184.204319
 0.65603    7.502270    61.851698       0.329397
0.011840    0.171710   165.901360
 0.82802    7.502270    61.851698       0.329397
0.011840    0.093639   189.404874
 1.00000    7.502270    61.851698       0.329397
0.011840    0.490148   214.613313

  COMB DL-G1-2 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -5.304044   -109.063085      -0.581159
-0.014494   -1.123338   -133.714821
 0.48405   -5.304044   -109.063085      -0.581159
-0.014494   -0.724481   -61.132124
 0.65603   -5.304044   -109.063085      -0.581159
-0.014494   -0.325695   -26.066651
 0.82802   -5.304044   -109.063085      -0.581159
-0.014494   -0.093060   -11.857384
 1.00000   -5.304044   -109.063085      -0.581159
-0.014494   -0.318867   -0.006554

  COMB DL-G1-3 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206    7.244798    66.728366       0.493044
0.013665    0.931747   246.598214
 0.48405    7.244798    66.728366       0.493044
0.013665    0.593929   203.845521
 0.65603    7.244798    66.728366       0.493044
0.013665    0.256158   182.999963
 0.82802    7.244798    66.728366       0.493044
0.013665    0.131154   206.359136
 1.00000    7.244798    66.728366       0.493044
0.013665    0.703920   249.845220
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  COMB DL-G1-3 ------------------- MIN

 REL DIST            P           V2           V3
     T          M2          M3
 0.31206   -9.349987   -143.714274      -0.836277
-0.014306   -1.612206   -201.349908
 0.48405   -9.349987   -143.714274      -0.836277
-0.014306   -1.037565   -105.259998
 0.65603   -9.349987   -143.714274      -0.836277
-0.014306   -0.463305   -47.083753
 0.82802   -9.349987   -143.714274      -0.836277
-0.014306   -0.120272   -12.011095
 1.00000   -9.349987   -143.714274      -0.836277
-0.014306   -0.459664   -0.007896

  COMB DL-G2-1 ------------------- MAX

 REL DIST            P           V2           V3
     T          M2          M3
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 0.31206      0.757617    18.569426      0.290359
0.002729      0.551902    50.913314
 0.48405      0.757617    18.569426      0.290359
0.002729      0.351846    38.153689
 0.65603      0.757617    18.569426      0.290359
0.002729      0.151869    25.428456
 0.82802      0.757617    18.569426      0.290359
0.002729      0.070616    12.822824
 1.00000      0.757617    18.569426      0.290359
0.002729      0.377291     1.409183

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206     -5.590726    -35.249129     -0.444239
-2.12E-05     -0.846564   -104.432786
  0.48405     -5.590726    -35.249129     -0.444239
-2.12E-05     -0.540545    -80.190926
  0.65603     -5.590726    -35.249129     -0.444239
-2.12E-05     -0.234329    -55.993493
  0.82802     -5.590726    -35.249129     -0.444239
-2.12E-05     -0.048066    -31.900004
  1.00000     -5.590726    -35.249129     -0.444239
-2.12E-05     -0.248248     -8.869775

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206      1.496861     31.906527      0.403697
0.015100      0.760193    134.377405
  0.48405      1.496861     31.906527      0.403697
0.015100      0.484222    115.222832
  0.65603      1.496861     31.906527      0.403697
0.015100      0.208198    117.525028
  0.82802      1.496861     31.906527      0.403697
0.015100      0.114265    161.567718
  1.00000      1.496861     31.906527      0.403697
0.015100      0.591403    213.557813

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206    -11.439966   -137.687297     -0.694957
-0.011699     -1.335137   -206.225852
  0.48405    -11.439966   -137.687297     -0.694957
-0.011699     -0.857796   -113.896814
  0.65603    -11.439966   -137.687297     -0.694957
-0.011699     -0.380260    -59.064610
  0.82802    -11.439966   -137.687297     -0.694957
-0.011699     -0.107186    -25.026195
  1.00000    -11.439966   -137.687297     -0.694957
-0.011699     -0.384762     -0.039141

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206      5.467033     67.493323      0.509645
0.014754      0.962354    263.451185
  0.48405      5.467033     67.493323      0.509645
0.014754      0.613457    220.381947
  0.65603      5.467033     67.493323      0.509645
0.014754      0.264852    198.924438
  0.82802      5.467033     67.493323      0.509645
0.014754      0.137130    219.578299
  1.00000      5.467033     67.493323      0.509645
0.014754      0.740765    249.302423
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206    -11.176507   -142.920793     -0.880987
-0.013092     -1.698708   -214.576470
  0.48405    -11.176507   -142.920793     -0.880987
-0.013092     -1.093249   -119.282961
  0.65603    -11.176507   -142.920793     -0.880987
-0.013092     -0.487611    -61.670452
  0.82802    -11.176507   -142.920793     -0.880987
-0.013092     -0.125586    -25.311854
  1.00000    -11.176507   -142.920793     -0.880987
-0.013092     -0.474652     -0.037142

 COMB      DB ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206      8.500642     65.045222      0.368759
0.015854      0.702131    221.425445
  0.48405      8.500642     65.045222      0.368759
0.015854      0.448098    180.123509
  0.65603      8.500642     65.045222      0.368759
0.015854      0.194007    161.675269
  0.82802      8.500642     65.045222      0.368759
0.015854      0.078231    195.519687
  1.00000      8.500642     65.045222      0.368759
0.015854      0.401956    234.730731

 COMB      DB ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206    -13.136580   -156.169869     -0.473243
-0.015463     -0.913251   -221.792685
  0.48405    -13.136580   -156.169869     -0.473243
-0.015463     -0.587374   -120.342060
  0.65603    -13.136580   -156.169869     -0.473243
-0.015463     -0.262068    -63.566671
  0.82802    -13.136580   -156.169869     -0.473243
-0.015463     -0.097541    -31.782561
  1.00000    -13.136580   -156.169869     -0.473243
-0.015463     -0.339659     -7.147107

 COMB      DL ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206      7.502270     67.493323      0.509645
0.015100      0.962354    263.451185
  0.48405      7.502270     67.493323      0.509645
0.015100      0.613457    220.381947
  0.65603      7.502270     67.493323      0.509645
0.015100      0.264852    198.924438
  0.82802      7.502270     67.493323      0.509645
0.015100      0.137130    219.578299
  1.00000      7.502270     67.493323      0.509645
0.015100      0.740765    249.845220

 COMB      DL ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206    -11.439966   -143.714274     -0.880987
-0.014494     -1.698708   -214.576470
  0.48405    -11.439966   -143.714274     -0.880987
-0.014494     -1.093249   -119.282961
  0.65603    -11.439966   -143.714274     -0.880987
-0.014494     -0.487611    -61.670452
  0.82802    -11.439966   -143.714274     -0.880987
-0.014494     -0.125586    -31.900004
  1.00000    -11.439966   -143.714274     -0.880987
-0.014494     -0.474652     -8.869775

 COMB      CAR ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206      8.500642     67.493323      0.509645
0.015854      0.962354    263.451185
  0.48405      8.500642     67.493323      0.509645
0.015854      0.613457    220.381947
  0.65603      8.500642     67.493323      0.509645
0.015854      0.264852    198.924438
  0.82802      8.500642     67.493323      0.509645
0.015854      0.137130    219.578299
  1.00000      8.500642     67.493323      0.509645
0.015854      0.740765    249.845220
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 COMB      CAR ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206    -13.136580   -156.169869     -0.880987
-0.015463     -1.698708   -221.792685
  0.48405    -13.136580   -156.169869     -0.880987
-0.015463     -1.093249   -120.342060
  0.65603    -13.136580   -156.169869     -0.880987
-0.015463     -0.487611    -63.566671
  0.82802    -13.136580   -156.169869     -0.880987
-0.015463     -0.125586    -31.900004
  1.00000    -13.136580   -156.169869     -0.880987
-0.015463     -0.474652     -8.869775

 COMB   DESIGN ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206      8.500642     67.493323      0.509645
0.015854      0.962354    263.451185
  0.48405      8.500642     67.493323      0.509645
0.015854      0.613457    220.381947
  0.65603      8.500642     67.493323      0.509645
0.015854      0.264852    198.924438
  0.82802      8.500642     67.493323      0.509645
0.015854      0.137130    219.578299
  1.00000      8.500642     67.493323      0.509645
0.015854      0.740765    249.845220

 COMB   DESIGN ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31206    -13.136580   -156.169869     -0.880987
-0.015463     -1.698708   -221.792685
  0.48405    -13.136580   -156.169869     -0.880987
-0.015463     -1.093249   -120.342060
  0.65603    -13.136580   -156.169869     -0.880987
-0.015463     -0.487611    -63.566671
  0.82802    -13.136580   -156.169869     -0.880987
-0.015463     -0.125586    -31.900004
  1.00000    -13.136580   -156.169869     -0.880987
-0.015463     -0.474652     -8.869775

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4.004594

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000      6.275675     36.288405      0.176530
2.40E-05      0.149637      0.954461
  0.17196      6.275675     36.288405      0.176530
2.40E-05      0.027823      9.061342
  0.34393      6.275675     36.288405      0.176530
2.40E-05      0.091755     18.403916
  0.51589      6.275675     36.288405      0.176530
2.40E-05      0.203636     27.795923
  0.68786      6.275675     36.288405      0.176530
2.40E-05      0.315634     37.204375

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -0.720721    -13.677015     -0.162850
-0.002310     -0.136596     -5.648526
  0.17196     -0.720721    -13.677015     -0.162850
-0.002310     -0.025912    -30.512235
  0.34393     -0.720721    -13.677015     -0.162850
-0.002310     -0.093451    -55.412757
  0.51589     -0.720721    -13.677015     -0.162850
-0.002310     -0.215038    -80.353598
  0.68786     -0.720721    -13.677015     -0.162850
-0.002310     -0.336626   -105.333060

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     12.825860    152.396573      0.243014
0.012842      0.205961    206.671993
  0.17196     12.825860    152.396573      0.243014
0.012842      0.043068    140.077236
  0.34393     12.825860    152.396573      0.243014
0.012842      0.167724     82.159316
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 REL DIST            P            V2            V3
        T           M2           M3
  0.51589     12.825860    152.396573      0.243014
0.012842      0.383208     75.809519
  0.68786     12.825860    152.396573      0.243014
0.012842      0.609535     91.415459

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -1.456145    -25.679439     -0.336720
-0.015645     -0.320605     -0.003108
  0.17196     -1.456145    -25.679439     -0.336720
-0.015645     -0.089938    -25.876139
  0.34393     -1.456145    -25.679439     -0.336720
-0.015645     -0.128639    -61.475727
  0.51589     -1.456145    -25.679439     -0.336720
-0.015645     -0.296080   -117.071816
  0.68786     -1.456145    -25.679439     -0.336720
-0.015645     -0.463409   -216.476980

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     12.516649    156.402470      0.360034
0.014460      0.305901    234.368977
  0.17196     12.516649    156.402470      0.360034
0.014460      0.062500    193.255916
  0.34393     12.516649    156.402470      0.360034
0.014460      0.225248    159.247537
  0.51589     12.516649    156.402470      0.360034
0.014460      0.516929    177.951260
  0.68786     12.516649    156.402470      0.360034
0.014460      0.821903    219.158696

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -6.194550    -62.947896     -0.451330
-0.015622     -0.424691     -0.005089
  0.17196     -6.194550    -62.947896     -0.451330
-0.015622     -0.117385    -25.349385
  0.34393     -6.194550    -62.947896     -0.451330
-0.015622     -0.189868    -61.685498
  0.51589     -6.194550    -62.947896     -0.451330
-0.015622     -0.437902   -118.775217
  0.68786     -6.194550    -62.947896     -0.451330
-0.015622     -0.685817   -220.712048

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000      0.723422     13.654356      0.214160
0.002494      0.182900      1.040659
  0.17196      0.723422     13.654356      0.214160
0.002494      0.035350     18.565249
  0.34393      0.723422     13.654356      0.214160
0.002494      0.112554     43.660190
  0.51589      0.723422     13.654356      0.214160
0.002494      0.259769     68.859090
  0.68786      0.723422     13.654356      0.214160
0.002494      0.406986     94.083182

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -6.460614    -36.639538     -0.213753
-3.49E-05     -0.181804     -7.133795
  0.17196     -6.460614    -36.639538     -0.213753
-3.49E-05     -0.034471     -9.314394
  0.34393     -6.460614    -36.639538     -0.213753
-3.49E-05     -0.112045    -18.342727
  0.51589     -6.460614    -36.639538     -0.213753
-3.49E-05     -0.259536    -27.697835
  0.68786     -6.460614    -36.639538     -0.213753
-3.49E-05     -0.407017    -37.093289

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000      5.776908    115.834665      0.292927
0.015635      0.249898    204.962923
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 REL DIST            P            V2            V3
        T           M2           M3
  0.17196      5.776908    115.834665      0.292927
0.015635      0.052702    172.485944
  0.34393      5.776908    115.834665      0.292927
0.015635      0.185104    140.159153
  0.51589      5.776908    115.834665      0.292927
0.015635      0.431241    159.358401
  0.68786      5.776908    115.834665      0.292927
0.015635      0.688010    200.513710

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -8.754886    -62.762138     -0.380796
-0.012844     -0.363150     -0.040260
  0.17196     -8.754886    -62.762138     -0.380796
-0.012844     -0.103070     -8.284219
  0.34393     -8.754886    -62.762138     -0.380796
-0.012844     -0.153579    -18.652643
  0.51589     -8.754886    -62.762138     -0.380796
-0.012844     -0.355280    -49.050640
  0.68786     -8.754886    -62.762138     -0.380796
-0.012844     -0.556983   -123.268577

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     10.427420    154.575377      0.372654
0.015735      0.317276    233.702623
  0.17196     10.427420    154.575377      0.372654
0.015735      0.065122    180.258740
  0.34393     10.427420    154.575377      0.372654
0.015735      0.241111    147.029324
  0.51589     10.427420    154.575377      0.372654
0.015735      0.558777    166.868191
  0.68786     10.427420    154.575377      0.372654
0.015735      0.887330    209.244929

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -8.348212    -64.816687     -0.485283
-0.014745     -0.451775     -0.038269
  0.17196     -8.348212    -64.816687     -0.485283
-0.014745     -0.119459     -8.476235
  0.34393     -8.348212    -64.816687     -0.485283
-0.014745     -0.195949    -43.667052
  0.51589     -8.348212    -64.816687     -0.485283
-0.014745     -0.452608    -99.654750
  0.68786     -8.348212    -64.816687     -0.485283
-0.014745     -0.709214   -200.431052

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000      5.470125     35.399661      0.235977
2.39E-05      0.199545      1.326568
  0.17196      5.470125     35.399661      0.235977
2.39E-05      0.036931     11.827882
  0.34393      5.470125     35.399661      0.235977
2.39E-05      0.183677     24.521117
  0.51589      5.470125     35.399661      0.235977
2.39E-05      0.413239     37.309260
  0.68786      5.470125     35.399661      0.235977
2.39E-05      0.642780     50.127390

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -0.735576    -18.654398     -0.333485
-0.002584     -0.277671     -7.797421
  0.17196     -0.735576    -18.654398     -0.333485
-0.002584     -0.047954    -30.251573
  0.34393     -0.735576    -18.654398     -0.333485
-0.002584     -0.124639    -54.470374
  0.51589     -0.735576    -18.654398     -0.333485
-0.002584     -0.287658    -78.783271
  0.68786     -0.735576    -18.654398     -0.333485
-0.002584     -0.450183   -103.135587
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     11.179023    138.010471      0.334349
0.011744      0.282326    214.573470
  0.17196     11.179023    138.010471      0.334349
0.011744      0.059212    160.375670
  0.34393     11.179023    138.010471      0.334349
0.011744      0.295836    116.493113
  0.51589     11.179023    138.010471      0.334349
0.011744      0.687026    114.373903
  0.68786     11.179023    138.010471      0.334349
0.011744      1.085014    133.556588

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -1.552158    -32.001568     -0.586522
-0.014795     -0.531407     -0.002572
  0.17196     -1.552158    -32.001568     -0.586522
-0.014795     -0.129457    -23.359011
  0.34393     -1.552158    -32.001568     -0.586522
-0.014795     -0.178263    -57.479804
  0.51589     -1.552158    -32.001568     -0.586522
-0.014795     -0.409005   -112.778918
  0.68786     -1.552158    -32.001568     -0.586522
-0.014795     -0.639289   -205.387822

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     10.927662    143.048869      0.497736
0.013252      0.421695    249.810395
  0.17196     10.927662    143.048869      0.497736
0.013252      0.085831    217.570608
  0.34393     10.927662    143.048869      0.497736
0.013252      0.426508    196.890428
  0.51589     10.927662    143.048869      0.497736
0.013252      0.998990    218.373939
  0.68786     10.927662    143.048869      0.497736
0.013252      1.579034    261.370217

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -5.647329    -67.419576     -0.850833
-0.014473     -0.765442     -0.004230
  0.17196     -5.647329    -67.419576     -0.850833
-0.014473     -0.181213    -23.125247
  0.34393     -5.647329    -67.419576     -0.850833
-0.014473     -0.263983    -59.337384
  0.51589     -5.647329    -67.419576     -0.850833
-0.014473     -0.607099   -117.256510
  0.68786     -5.647329    -67.419576     -0.850833
-0.014473     -0.949937   -212.706922

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000      0.755660     18.634168      0.288368
0.002861      0.247483      1.409292
  0.17196      0.755660     18.634168      0.288368
0.002861      0.048313     18.187156
  0.34393      0.755660     18.634168      0.288368
0.002861      0.236269     42.432616
  0.51589      0.755660     18.634168      0.288368
0.002861      0.548938     66.934479
  0.68786      0.755660     18.634168      0.288368
0.002861      0.861416     91.489068

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -5.628563    -35.725023     -0.453666
-3.32E-05     -0.387873     -8.864733
  0.17196     -5.628563    -35.725023     -0.453666
-3.32E-05     -0.074555    -13.881594
  0.34393     -5.628563    -35.725023     -0.453666
-3.32E-05     -0.149808    -26.261662
  0.51589     -5.628563    -35.725023     -0.453666
-3.32E-05     -0.348339    -38.989664
  0.68786     -5.628563    -35.725023     -0.453666
-3.32E-05     -0.546928    -51.780607
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000      5.225388    108.994460      0.406198
0.014829      0.346870    213.519937
  0.17196      5.225388    108.994460      0.406198
0.014829      0.073976    187.037840
  0.34393      5.225388    108.994460      0.406198
0.014829      0.356711    163.529815
  0.51589      5.225388    108.994460      0.406198
0.014829      0.845697    181.777631
  0.68786      5.225388    108.994460      0.406198
0.014829      1.341169    221.322936

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     -7.745174    -61.548374     -0.727889
-0.011760     -0.664011     -0.045603
  0.17196     -7.745174    -61.548374     -0.727889
-0.011760     -0.163807    -10.461852
  0.34393     -7.745174    -61.548374     -0.727889
-0.011760     -0.213089    -24.603142
  0.51589     -7.745174    -61.548374     -0.727889
-0.011760     -0.492863    -59.910900
  0.68786     -7.745174    -61.548374     -0.727889
-0.011760     -0.772594   -132.537859

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000      9.150549    143.811858      0.513263
```

0.014629 0.436356 249.272261
0.17196 9.150549 143.811858 0.513263
0.014629 0.089454 204.098737
0.34393 9.150549 143.811858 0.513263
0.014629 0.451592 180.572731
0.51589 9.150549 143.811858 0.513263
0.014629 1.062385 201.434033
0.68786 9.150549 143.811858 0.513263
0.014629 1.679722 244.070500

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-7.477379	-66.621651	-0.904860
-0.013486	-0.813035	-0.043055	
0.17196	-7.477379	-66.621651	-0.904860
-0.013486	-0.191083	-10.373157	
0.34393	-7.477379	-66.621651	-0.904860
-0.013486	-0.271446	-45.214068	
0.51589	-7.477379	-66.621651	-0.904860
-0.013486	-0.624600	-103.683798	
0.68786	-7.477379	-66.621651	-0.904860
-0.013486	-0.977991	-199.914331	

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	12.825860	156.402470	0.372654
0.015735	0.317276	234.368977	
0.17196	12.825860	156.402470	0.372654
0.015735	0.065122	193.255916	
0.34393	12.825860	156.402470	0.372654
0.015735	0.241111	159.247537	
0.51589	12.825860	156.402470	0.372654
0.015735	0.558777	177.951260	
0.68786	12.825860	156.402470	0.372654
0.015735	0.887330	219.158696	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-8.754886	-64.816687	-0.485283
-0.015645	-0.451775	-7.133795	
0.17196	-8.754886	-64.816687	-0.485283
-0.015645	-0.119459	-30.512235	
0.34393	-8.754886	-64.816687	-0.485283
-0.015645	-0.195949	-61.685498	
0.51589	-8.754886	-64.816687	-0.485283
-0.015645	-0.452608	-118.775217	
0.68786	-8.754886	-64.816687	-0.485283
-0.015645	-0.709214	-220.712048	

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COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	11.179023	143.811858	0.513263
0.014829	0.436356	249.810395	
0.17196	11.179023	143.811858	0.513263
0.014829	0.089454	217.570608	
0.34393	11.179023	143.811858	0.513263
0.014829	0.451592	196.890428	
0.51589	11.179023	143.811858	0.513263
0.014829	1.062385	218.373939	
0.68786	11.179023	143.811858	0.513263
0.014829	1.679722	261.370217	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-7.745174	-67.419576	-0.904860
-0.014795	-0.813035	-8.864733	
0.17196	-7.745174	-67.419576	-0.904860
-0.014795	-0.191083	-30.251573	
0.34393	-7.745174	-67.419576	-0.904860
-0.014795	-0.271446	-59.337384	
0.51589	-7.745174	-67.419576	-0.904860
-0.014795	-0.624600	-117.256510	
0.68786	-7.745174	-67.419576	-0.904860
-0.014795	-0.977991	-212.706922	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	12.825860	156.402470	0.513263
0.015735	0.436356	249.810395	
0.17196	12.825860	156.402470	0.513263
0.015735	0.089454	217.570608	
0.34393	12.825860	156.402470	0.513263
0.015735	0.451592	196.890428	
0.51589	12.825860	156.402470	0.513263
0.015735	1.062385	218.373939	
0.68786	12.825860	156.402470	0.513263
0.015735	1.679722	261.370217	

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-8.754886	-67.419576	-0.904860
-0.015645	-0.813035	-8.864733	
0.17196	-8.754886	-67.419576	-0.904860
-0.015645	-0.191083	-30.512235	
0.34393	-8.754886	-67.419576	-0.904860
-0.015645	-0.271446	-61.685498	
0.51589	-8.754886	-67.419576	-0.904860
-0.015645	-0.624600	-118.775217	
0.68786	-8.754886	-67.419576	-0.904860
-0.015645	-0.977991	-220.712048	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	12.825860	156.402470	0.513263
0.015735	0.436356	249.810395	
0.17196	12.825860	156.402470	0.513263
0.015735	0.089454	217.570608	
0.34393	12.825860	156.402470	0.513263
0.015735	0.451592	196.890428	
0.51589	12.825860	156.402470	0.513263
0.015735	1.062385	218.373939	
0.68786	12.825860	156.402470	0.513263
0.015735	1.679722	261.370217	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-8.754886	-67.419576	-0.904860
-0.015645	-0.813035	-8.864733	
0.17196	-8.754886	-67.419576	-0.904860
-0.015645	-0.191083	-30.512235	
0.34393	-8.754886	-67.419576	-0.904860
-0.015645	-0.271446	-61.685498	
0.51589	-8.754886	-67.419576	-0.904860
-0.015645	-0.624600	-118.775217	
0.68786	-8.754886	-67.419576	-0.904860
-0.015645	-0.977991	-220.712048	

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ELEM 85 ========== LENGTH = 4.004248

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	4.660914	25.608484	0.167503
3.78E-05	0.318843	65.126178	
0.48413	4.660914	25.608484	0.167503
3.78E-05	0.203490	47.503782	
0.65608	4.660914	25.608484	0.167503
3.78E-05	0.088092	29.903642	
0.82804	4.660914	25.608484	0.167503
3.78E-05	0.031239	12.378349	
1.00000	4.660914	25.608484	0.167503
3.78E-05	0.164151	0.932907	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-1.895711	-21.720625	-0.193043
-0.002520	-0.367542	-60.529099	
0.48413	-1.895711	-21.720625	-0.193043
-0.002520	-0.234621	-45.576937	
0.65608	-1.895711	-21.720625	-0.193043
-0.002520	-0.101687	-30.674124	
0.82804	-1.895711	-21.720625	-0.193043
-0.002520	-0.026860	-16.115292	
1.00000	-1.895711	-21.720625	-0.193043
-0.002520	-0.142506	-5.692823	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	6.569583	49.632373	0.249838
0.012884	0.475335	163.373972	
0.48413	6.569583	49.632373	0.249838
0.012884	0.303287	131.389566	
0.65608	6.569583	49.632373	0.249838
0.012884	0.131164	121.909953	
0.82804	6.569583	49.632373	0.249838
0.012884	0.064283	163.340232	
1.00000	6.569583	49.632373	0.249838
0.012884	0.310982	204.787377	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-7.261295	-125.369739	-0.367530
-0.015593	-0.706246	-151.155561	
0.48413	-7.261295	-125.369739	-0.367530
-0.015593	-0.453195	-69.967874	
0.65608	-7.261295	-125.369739	-0.367530
-0.015593	-0.200174	-32.323909	
0.82804	-7.261295	-125.369739	-0.367530
-0.015593	-0.075321	-15.394403	
1.00000	-7.261295	-125.369739	-0.367530
-0.015593	-0.226285	-0.033744	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	7.067684	57.533427	0.386515
0.014987	0.735176	190.170878	
0.48413	7.067684	57.533427	0.386515
0.014987	0.469017	152.857626	
0.65608	7.067684	57.533427	0.386515
0.014987	0.202771	138.702733	
0.82804	7.067684	57.533427	0.386515
0.014987	0.082764	177.049718	
1.00000	7.067684	57.533427	0.386515
0.014987	0.410532	232.062479	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-10.904003	-156.343612	-0.489192
-0.015824	-0.941896	-207.812461	
0.48413	-10.904003	-156.343612	-0.489192
-0.015824	-0.605073	-105.468263	
0.65608	-10.904003	-156.343612	-0.489192
-0.015824	-0.268308	-47.707412	

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REL DIST T	P M2	V2 M3	V3
0.82804	-10.904003	-156.343612	-0.489192
-0.015824	-0.098586	-14.432146	
1.00000	-10.904003	-156.343612	-0.489192
-0.015824	-0.343189	-0.033686	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	1.932601	21.359058	0.237496
0.002619	0.451480	59.153205	
0.48413	1.932601	21.359058	0.237496
0.002619	0.287949	44.451177	
0.65608	1.932601	21.359058	0.237496
0.002619	0.124413	29.765994	
0.82804	1.932601	21.359058	0.237496
0.002619	0.035883	15.141592	
1.00000	1.932601	21.359058	0.237496
0.002619	0.192152	1.077433	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-4.741204	-25.313130	-0.226774
-0.000192	-0.432431	-75.747732	
0.48413	-4.741204	-25.313130	-0.226774
-0.000192	-0.276283	-58.328385	
0.65608	-4.741204	-25.313130	-0.226774
-0.000192	-0.120121	-40.947195	
0.82804	-4.741204	-25.313130	-0.226774
-0.000192	-0.039104	-23.599675	
1.00000	-4.741204	-25.313130	-0.226774
-0.000192	-0.202636	-6.451549	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	2.808142	34.703333	0.340847
0.016058	0.647932	116.107882	
0.48413	2.808142	34.703333	0.340847
0.016058	0.413223	94.351416	
0.65608	2.808142	34.703333	0.340847
0.016058	0.178475	95.107582	
0.82804	2.808142	34.703333	0.340847
0.016058	0.068453	146.772429	
1.00000	2.808142	34.703333	0.340847
0.016058	0.330838	203.871730	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-11.147733	-139.232568	-0.389818
-0.013041	-0.747677	-182.624257	
0.48413	-11.147733	-139.232568	-0.389818
-0.013041	-0.479279	-91.888226	
0.65608	-11.147733	-139.232568	-0.389818
-0.013041	-0.210901	-44.695625	
0.82804	-11.147733	-139.232568	-0.389818
-0.013041	-0.090847	-18.158188	
1.00000	-11.147733	-139.232568	-0.389818
-0.013041	-0.304404	-0.078559	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	6.298124	64.277037	0.411733
0.015995	0.782869	222.674925	
0.48413	6.298124	64.277037	0.411733
0.015995	0.499351	180.591420	
0.65608	6.298124	64.277037	0.411733
0.015995	0.215788	161.523627	
0.82804	6.298124	64.277037	0.411733
0.015995	0.086078	194.485375	
1.00000	6.298124	64.277037	0.411733
0.015995	0.433543	231.713429	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-11.738746	-149.501642	-0.514100
-0.014632	-0.987461	-203.185766	

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REL DIST T	P M2	V2 M3	V3
0.48413	-11.738746	-149.501642	-0.514100
-0.014632	-0.633514	-105.598573	
0.65608	-11.738746	-149.501642	-0.514100
-0.014632	-0.279632	-52.616679	
0.82804	-11.738746	-149.501642	-0.514100
-0.014632	-0.103010	-21.051993	
1.00000	-11.738746	-149.501642	-0.514100
-0.014632	-0.365009	-0.072929	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	3.862617	23.627226	0.229509
3.84E-05	0.439340	60.413807	
0.48413	3.862617	23.627226	0.229509
3.84E-05	0.281309	44.184653	
0.65608	3.862617	23.627226	0.229509
3.84E-05	0.122850	28.011075	
0.82804	3.862617	23.627226	0.229509
3.84E-05	0.060575	12.044635	
1.00000	3.862617	23.627226	0.229509
3.84E-05	0.305232	1.311544	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-3.096666	-31.953510	-0.356630
-0.003054	-0.677120	-90.365724	
0.48413	-3.096666	-31.953510	-0.356630
-0.003054	-0.431601	-68.405705	
0.65608	-3.096666	-31.953510	-0.356630
-0.003054	-0.186046	-46.505930	
0.82804	-3.096666	-31.953510	-0.356630
-0.003054	-0.034863	-24.913976	
1.00000	-3.096666	-31.953510	-0.356630
-0.003054	-0.192869	-8.013373	

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	5.660280	46.640561	0.353638
0.011855	0.669700	178.797348	
0.48413	5.660280	46.640561	0.353638
0.011855	0.428157	149.612752	
0.65608	5.660280	46.640561	0.353638
0.011855	0.186573	141.567139	
0.82804	5.660280	46.640561	0.353638
0.011855	0.105351	175.487695	
1.00000	5.660280	46.640561	0.353638
0.011855	0.531049	212.865005	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-8.019004	-124.678408	-0.626938
-0.015062	-1.202697	-175.761573	
0.48413	-8.019004	-124.678408	-0.626938
-0.015062	-0.772667	-92.470606	
0.65608	-8.019004	-124.678408	-0.626938
-0.015062	-0.343085	-45.751654	
0.82804	-8.019004	-124.678408	-0.626938
-0.015062	-0.094472	-20.961243	
1.00000	-8.019004	-124.678408	-0.626938
-0.015062	-0.332538	-0.033634	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	6.993696	60.223289	0.554243
0.013916	1.048664	229.229936	
0.48413	6.993696	60.223289	0.554243
0.013916	0.668924	191.087556	
0.65608	6.993696	60.223289	0.554243
0.013916	0.289089	174.600859	
0.82804	6.993696	60.223289	0.554243
0.013916	0.146992	203.053441	
1.00000	6.993696	60.223289	0.554243
0.013916	0.775055	248.093189	

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COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-10.758998	-149.976340	-0.921519
-0.014899	-1.769818	-220.866637	
0.48413	-10.758998	-149.976340	-0.921519
-0.014899	-1.136915	-120.527780	
0.65608	-10.758998	-149.976340	-0.921519
-0.014899	-0.504234	-57.215481	
0.82804	-10.758998	-149.976340	-0.921519
-0.014899	-0.129570	-19.705646	
1.00000	-10.758998	-149.976340	-0.921519
-0.014899	-0.506013	-0.034039	

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	3.145363	31.391488	0.337746
0.003163	0.640191	85.792494	
0.48413	3.145363	31.391488	0.337746
0.003163	0.407584	64.220515	
0.65608	3.145363	31.391488	0.337746
0.003163	0.174982	42.679429	
0.82804	3.145363	31.391488	0.337746
0.003163	0.075888	21.228332	
1.00000	3.145363	31.391488	0.337746
0.003163	0.417582	1.449530	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-3.920621	-23.398746	-0.495187
-0.000171	-0.946011	-70.027222	
0.48413	-3.920621	-23.398746	-0.495187
-0.000171	-0.605007	-53.960157	
0.65608	-3.920621	-23.398746	-0.495187
-0.000171	-0.263835	-37.933715	
0.82804	-3.920621	-23.398746	-0.495187
-0.000171	-0.057212	-22.003907	
1.00000	-3.920621	-23.398746	-0.495187
-0.000171	-0.289922	-7.748732	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	4.358493	46.494419	0.493953
0.015565	0.930481	175.091281	
0.48413	4.358493	46.494419	0.493953
0.015565	0.592099	146.004362	
0.65608	4.358493	46.494419	0.493953
0.015565	0.253542	138.057754	
0.82804	4.358493	46.494419	0.493953
0.015565	0.126510	172.103977	
1.00000	4.358493	46.494419	0.493953
0.015565	0.666887	213.392719	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-9.445112	-123.462274	-0.791434
-0.011940	-1.519565	-168.093642	
0.48413	-9.445112	-123.462274	-0.791434
-0.011940	-0.976148	-85.640088	
0.65608	-9.445112	-123.462274	-0.791434
-0.011940	-0.432976	-39.756059	
0.82804	-9.445112	-123.462274	-0.791434
-0.011940	-0.122551	-15.851741	
1.00000	-9.445112	-123.462274	-0.791434
-0.011940	-0.458000	-0.092485	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	7.080712	72.467418	0.592791
0.015171	1.119742	273.406400	
0.48413	7.080712	72.467418	0.592791
0.015171	0.713294	226.791676	
0.65608	7.080712	72.467418	0.592791
0.015171	0.306816	201.662261	
0.82804	7.080712	72.467418	0.592791
0.015171	0.152870	219.860270	
1.00000	7.080712	72.467418	0.592791
0.015171	0.823361	248.209782	

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COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-10.720341	-137.692033	-0.981883
-0.013551	-1.887743	-197.513291	
0.48413	-10.720341	-137.692033	-0.981883
-0.013551	-1.213297	-105.629053	
0.65608	-10.720341	-137.692033	-0.981883
-0.013551	-0.538950	-50.717925	
0.82804	-10.720341	-137.692033	-0.981883
-0.013551	-0.138516	-19.249317	
1.00000	-10.720341	-137.692033	-0.981883
-0.013551	-0.541180	-0.085930	

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	7.067684	64.277037	0.411733
0.016058	0.782869	222.674925	
0.48413	7.067684	64.277037	0.411733
0.016058	0.499351	180.591420	
0.65608	7.067684	64.277037	0.411733
0.016058	0.215788	161.523627	
0.82804	7.067684	64.277037	0.411733
0.016058	0.086078	194.485375	
1.00000	7.067684	64.277037	0.411733
0.016058	0.433543	232.062479	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.31217	-11.738746	-156.343612	-0.514100
-0.015824	-0.987461	-207.812461	
0.48413	-11.738746	-156.343612	-0.514100
-0.015824	-0.633514	-105.598573	
0.65608	-11.738746	-156.343612	-0.514100
-0.015824	-0.279632	-52.616679	
0.82804	-11.738746	-156.343612	-0.514100
-0.015824	-0.103010	-23.599675	
1.00000	-11.738746	-156.343612	-0.514100
-0.015824	-0.365009	-6.451549	

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.31217	7.080712	72.467418	0.592791
0.015565	1.119742	273.406400	

```
 0.48413      7.080712     72.467418      0.592791
0.015565      0.713294    226.791676
 0.65608      7.080712     72.467418      0.592791
0.015565      0.306816    201.662261
 0.82804      7.080712     72.467418      0.592791
0.015565      0.152870    219.860270
 1.00000      7.080712     72.467418      0.592791
0.015565      0.823361    248.209782

 COMB       DL ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.31217   -10.758998  -149.976340     -0.981883
-0.015062    -1.887743  -220.866637
 0.48413   -10.758998  -149.976340     -0.981883
-0.015062    -1.213297  -120.527780
 0.65608   -10.758998  -149.976340     -0.981883
-0.015062    -0.538950   -57.215481
 0.82804   -10.758998  -149.976340     -0.981883
-0.015062    -0.138516   -24.913976
 1.00000   -10.758998  -149.976340     -0.981883
-0.015062    -0.541180    -8.013373

 COMB       CAR ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.31217     7.080712    72.467418      0.592791
0.016058     1.119742   273.406400
 0.48413     7.080712    72.467418      0.592791
0.016058     0.713294   226.791676
 0.65608     7.080712    72.467418      0.592791
0.016058     0.306816   201.662261
 0.82804     7.080712    72.467418      0.592791
0.016058     0.152870   219.860270
 1.00000     7.080712    72.467418      0.592791
0.016058     0.823361   248.209782
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 COMB       CAR ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.31217   -11.738746  -156.343612     -0.981883
-0.015824    -1.887743  -220.866637
 0.48413   -11.738746  -156.343612     -0.981883
-0.015824    -1.213297  -120.527780
 0.65608   -11.738746  -156.343612     -0.981883
-0.015824    -0.538950   -57.215481
 0.82804   -11.738746  -156.343612     -0.981883
-0.015824    -0.138516   -24.913976
 1.00000   -11.738746  -156.343612     -0.981883
-0.015824    -0.541180    -8.013373

 COMB    DESIGN ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.31217     7.080712    72.467418      0.592791
0.016058     1.119742   273.406400
 0.48413     7.080712    72.467418      0.592791
0.016058     0.713294   226.791676
 0.65608     7.080712    72.467418      0.592791
0.016058     0.306816   201.662261
 0.82804     7.080712    72.467418      0.592791
0.016058     0.152870   219.860270
 1.00000     7.080712    72.467418      0.592791
0.016058     0.823361   248.209782

 COMB    DESIGN ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.31217   -11.738746  -156.343612     -0.981883
-0.015824    -1.887743  -220.866637
 0.48413   -11.738746  -156.343612     -0.981883
-0.015824    -1.213297  -120.527780
 0.65608   -11.738746  -156.343612     -0.981883
-0.015824    -0.538950   -57.215481
 0.82804   -11.738746  -156.343612     -0.981883
-0.015824    -0.138516   -24.913976
 1.00000   -11.738746  -156.343612     -0.981883
-0.015824    -0.541180    -8.013373

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 4.005272

 COMB DB-G1-1 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000     4.628359    25.220487      0.165686
2.56E-05     0.140534     0.932769
 0.17198     4.628359    25.220487      0.165686
2.56E-05     0.026257    14.086997
 0.34396     4.628359    25.220487      0.165686
2.56E-05     0.098474    28.809848
 0.51593     4.628359    25.220487      0.165686
2.56E-05     0.220538    43.590429
 0.68791     4.628359    25.220487      0.165686
2.56E-05     0.342669    58.387551

 COMB DB-G1-1 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -1.876956   -21.487695     -0.177408
-0.002485    -0.146455    -5.686551
 0.17198    -1.876956   -21.487695     -0.177408
-0.002485    -0.024867   -22.847359
 0.34396    -1.876956   -21.487695     -0.177408
-0.002485    -0.087638   -40.118184
 0.51593    -1.876956   -21.487695     -0.177408
-0.002485    -0.201827   -57.439879
 0.68791    -1.876956   -21.487695     -0.177408
-0.002485    -0.315972   -74.801838

 COMB DB-G1-2 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    10.937685   139.083745      0.252053
0.012826     0.213287   204.471648
 0.17198    10.937685   139.083745      0.252053
0.012826     0.042026   145.284762
 0.34396    10.937685   139.083745      0.252053
0.012826     0.184088    93.745709
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 REL DIST             P             V2             V3
    T          M2          M3
 0.51593    10.937685   139.083745      0.252053
0.012826     0.420558    93.584951
 0.68791    10.937685   139.083745      0.252053
0.012826     0.657034   115.514351

 COMB DB-G1-2 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -2.828113   -34.858135     -0.359528
-0.015855    -0.339463    -0.026750
 0.17198    -2.828113   -34.858135     -0.359528
-0.015855    -0.092495   -17.292645
 0.34396    -2.828113   -34.858135     -0.359528
-0.015855    -0.133876   -43.780442
 0.51593    -2.828113   -34.858135     -0.359528
-0.015855    -0.307526   -91.022740
 0.68791    -2.828113   -34.858135     -0.359528
-0.015855    -0.481152  -181.894651

 COMB DB-G1-3 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    11.551812   149.204136      0.388526
0.014579     0.329697   231.743493
 0.17198    11.551812   149.204136      0.388526
0.014579     0.064486   192.667232
 0.34396    11.551812   149.204136      0.388526
0.014579     0.250271   159.841302
 0.51593    11.551812   149.204136      0.388526
0.014579     0.576126   179.518338
 0.68791    11.551812   149.204136      0.388526
0.014579     0.902171   221.778841

 COMB DB-G1-3 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -6.415295   -64.425175     -0.489948
-0.015809    -0.454384    -0.028085
 0.17198    -6.415295   -64.425175     -0.489948
-0.015809    -0.119710   -19.520600
 0.34396    -6.415295   -64.425175     -0.489948
-0.015809    -0.205455   -50.890370
 0.51593    -6.415295   -64.425175     -0.489948
-0.015809    -0.473118  -103.844867
 0.68791    -6.415295   -64.425175     -0.489948
-0.015809    -0.740755  -201.478357

 COMB DB-G2-1 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000     1.951597    21.594168      0.235719
0.002692     0.201488     1.079093
 0.17198     1.951597    21.594168      0.235719
0.002692     0.039040    11.745661
 0.34396     1.951597    21.594168      0.235719
0.002692     0.119404    29.335202
 0.51593     1.951597    21.594168      0.235719
0.002692     0.275293    47.003914
 0.68791     1.951597    21.594168      0.235719
0.002692     0.431163    64.695133

 COMB DB-G2-1 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -4.772983   -25.699374     -0.226298
-3.65E-05    -0.192338    -6.447970
 0.17198    -4.772983   -25.699374     -0.226298
-3.65E-05    -0.036314   -14.939404
 0.34396    -4.772983   -25.699374     -0.226298
-3.65E-05    -0.123252   -29.408516
 0.51593    -4.772983   -25.699374     -0.226298
-3.65E-05    -0.285609   -44.207994
 0.68791    -4.772983   -25.699374     -0.226298
-3.65E-05    -0.447967   -59.074518

 COMB DB-G2-2 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000     7.249049   125.121013      0.343517
0.015857     0.292597   203.553655
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 REL DIST             P             V2             V3
    T          M2          M3
 0.17198     7.249049   125.121013      0.343517
0.015857     0.058359   162.158435
 0.34396     7.249049   125.121013      0.343517
0.015857     0.200821   120.793797
 0.51593     7.249049   125.121013      0.343517
0.015857     0.465341   130.873567
 0.68791     7.249049   125.121013      0.343517
0.015857     0.729891   163.036981

 COMB DB-G2-2 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -6.787213   -49.682713     -0.400118
-0.012837    -0.378214    -0.084396
 0.17198    -6.787213   -49.682713     -0.400118
-0.012837    -0.104170   -13.942160
 0.34396    -6.787213   -49.682713     -0.400118
-0.012837    -0.180649   -30.740307
 0.51593    -6.787213   -49.682713     -0.400118
-0.012837    -0.417261   -68.360592
 0.68791    -6.787213   -49.682713     -0.400118
-0.012837    -0.653890  -149.610800

 COMB DB-G2-3 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    10.794950   156.099929      0.413472
0.015972     0.351714   231.393830
 0.17198    10.794950   156.099929      0.413472
0.015972     0.069158   175.515666
 0.34396    10.794950   156.099929      0.413472
0.015972     0.262264   137.268417
 0.51593    10.794950   156.099929      0.413472
0.015972     0.605561   152.101697
 0.68791    10.794950   156.099929      0.413472
0.015972     0.948918   189.659564

 COMB DB-G2-3 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -7.262265   -57.731698     -0.514881
-0.014848    -0.475587    -0.078156
 0.17198    -7.262265   -57.731698     -0.514881
-0.014848    -0.122199   -13.092651
 0.34396    -7.262265   -57.731698     -0.514881
-0.014848    -0.217903   -45.851778
 0.51593    -7.262265   -57.731698     -0.514881
-0.014848    -0.502704  -103.587738
 0.68791    -7.262265   -57.731698     -0.514881
-0.014848    -0.787519  -205.989956

 COMB DL-G1-1 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000     3.828437    23.254214      0.232083
2.71E-05     0.196129     1.311479
 0.17198     3.828437    23.254214      0.232083
2.71E-05     0.035972    19.823671
 0.34396     3.828437    23.254214      0.232083
2.71E-05     0.181801    41.423060
 0.51593     3.828437    23.254214      0.232083
2.71E-05     0.409430    63.117760
 0.68791     3.828437    23.254214      0.232083
2.71E-05     0.636956    84.844208

 COMB DL-G1-1 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -3.062162   -31.599240     -0.330421
-0.002953    -0.273517    -8.017814
 0.17198    -3.062162   -31.599240     -0.330421
-0.002953    -0.046094   -21.144049
 0.34396    -3.062162   -31.599240     -0.330421
-0.002953    -0.123082   -36.981509
 0.51593    -3.062162   -31.599240     -0.330421
-0.002953    -0.283401   -52.915317
 0.68791    -3.062162   -31.599240     -0.330421
-0.002953    -0.443253   -68.889184
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 COMB DL-G1-2 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000     9.363325   123.094844      0.362597
0.011742     0.304855   212.804177
 0.17198     9.363325   123.094844      0.362597
0.011742     0.062426   170.719422
 0.34396     9.363325   123.094844      0.362597
0.011742     0.313445   137.039559
 0.51593     9.363325   123.094844      0.362597
0.011742     0.724413   145.520618
 0.68791     9.363325   123.094844      0.362597
0.011742     1.135335   175.074961

 COMB DL-G1-2 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -4.228628   -46.875676     -0.610468
-0.015253    -0.550064    -0.025659
 0.17198    -4.228628   -46.875676     -0.610468
-0.015253    -0.130862   -14.968040
 0.34396    -4.228628   -46.875676     -0.610468
-0.015253    -0.195680   -38.758865
 0.51593    -4.228628   -46.875676     -0.610468
-0.015253    -0.445238   -84.688763
 0.68791    -4.228628   -46.875676     -0.610468
-0.015253    -0.694911  -167.118888

 COMB DL-G1-3 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    10.729984   137.061285      0.560192
0.013543     0.473054   248.029403
 0.17198    10.729984   137.061285      0.560192
0.013543     0.094414   218.570908
 0.34396    10.729984   137.061285      0.560192
0.013543     0.469222   200.664443
 0.51593    10.729984   137.061285      0.560192
0.013543     1.092237   226.328228
 0.68791    10.729984   137.061285      0.560192
0.013543     1.715285   273.439743

 COMB DL-G1-3 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -7.018110   -72.879986     -0.918302
-0.014880    -0.818264    -0.026716
 0.17198    -7.018110   -72.879986     -0.918302
-0.014880    -0.187200   -17.554260
 0.34396    -7.018110   -72.879986     -0.918302
-0.014880    -0.299459   -48.627476
 0.51593    -7.018110   -72.879986     -0.918302
-0.014880    -0.685192  -103.360301
 0.68791    -7.018110   -72.879986     -0.918302
-0.014880    -1.071013  -195.023400

 COMB DL-G2-1 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000     3.179110    31.750658      0.331119
0.003313     0.284002     1.451542
 0.17198     3.179110    31.750658      0.331119
0.003313     0.055692    11.424435
 0.34396     3.179110    31.750658      0.331119
0.003313     0.267275    27.477895
 0.51593     3.179110    31.750658      0.331119
0.003313     0.617261    43.755145
 0.68791     3.179110    31.750658      0.331119
0.003313     0.967184    60.090210

 COMB DL-G2-1 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -3.954809   -23.773459     -0.507876
-3.67E-05    -0.431825    -7.758733
 0.17198    -3.954809   -23.773459     -0.507876
-3.67E-05    -0.081009   -23.291949
 0.34396    -3.954809   -23.773459     -0.507876
-3.67E-05    -0.171882   -44.745695
 0.51593    -3.954809   -23.773459     -0.507876
-3.67E-05    -0.400021   -66.516676
 0.68791    -3.954809   -23.773459     -0.507876
-3.67E-05    -0.628149   -88.349070
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 COMB DL-G2-2 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000     8.158701   124.121571      0.492210
0.015347     0.419194   213.338839
 0.17198     8.158701   124.121571      0.492210
0.015347     0.087011   174.921066
 0.34396     8.158701   124.121571      0.492210
0.015347     0.413669   141.238797
 0.51593     8.158701   124.121571      0.492210
0.015347     0.969569   149.699686
 0.68791     8.158701   124.121571      0.492210
0.015347     1.525356   179.223338

 COMB DL-G2-2 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -5.753588   -46.818786     -0.820543
-0.011736    -0.738386    -0.100077
 0.17198    -5.753588   -46.818786     -0.820543
-0.011736    -0.173617   -18.942884
 0.34396    -5.753588   -46.818786     -0.820543
-0.011736    -0.259222   -43.531799
 0.51593    -5.753588   -46.818786     -0.820543
-0.011736    -0.598316   -90.177960
 0.68791    -5.753588   -46.818786     -0.820543
-0.011736    -0.937416  -173.314015

 COMB DL-G2-3 ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    10.831118   149.383234      0.594296
0.015104     0.503968   248.155253
 0.17198    10.831118   149.383234      0.594296
0.015104     0.101775   202.037636
 0.34396    10.831118   149.383234      0.594296
0.015104     0.507021   173.827900
 0.51593    10.831118   149.383234      0.594296
0.015104     1.182482   190.899878
 0.68791    10.831118   149.383234      0.594296
0.015104     1.857847   229.555599

 COMB DL-G2-3 ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -6.995691   -60.669333     -0.994150
-0.013690    -0.884272    -0.093103
 0.17198    -6.995691   -60.669333     -0.994150
-0.013690    -0.199892   -17.853884
 0.34396    -6.995691   -60.669333     -0.994150
-0.013690    -0.315278   -54.839466
 0.51593    -6.995691   -60.669333     -0.994150
-0.013690    -0.724642  -118.047497
 0.68791    -6.995691   -60.669333     -0.994150
-0.013690    -1.134081  -218.209075

 COMB       DB ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    11.551812   156.099929      0.413472
0.015972     0.351714   231.743493
 0.17198    11.551812   156.099929      0.413472
0.015972     0.069158   192.667232
 0.34396    11.551812   156.099929      0.413472
0.015972     0.262264   159.841302
 0.51593    11.551812   156.099929      0.413472
0.015972     0.605561   179.518338
 0.68791    11.551812   156.099929      0.413472
0.015972     0.948918   221.778841

 COMB       DB ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -7.262265   -64.425175     -0.514881
-0.015855    -0.475587    -6.447970
 0.17198    -7.262265   -64.425175     -0.514881
-0.015855    -0.122199   -22.847359
 0.34396    -7.262265   -64.425175     -0.514881
-0.015855    -0.217903   -50.890370
 0.51593    -7.262265   -64.425175     -0.514881
-0.015855    -0.502704  -103.844867
 0.68791    -7.262265   -64.425175     -0.514881
-0.015855    -0.787519  -205.989956
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 COMB       DL ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    10.831118   149.383234      0.594296
0.015347     0.503968   248.155253
 0.17198    10.831118   149.383234      0.594296
0.015347     0.101775   218.570908
 0.34396    10.831118   149.383234      0.594296
0.015347     0.507021   200.664443
 0.51593    10.831118   149.383234      0.594296
0.015347     1.182482   226.328228
 0.68791    10.831118   149.383234      0.594296
0.015347     1.857847   273.439743

 COMB       DL ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -7.018110   -72.879986     -0.994150
-0.015253    -0.884272    -8.017814
 0.17198    -7.018110   -72.879986     -0.994150
-0.015253    -0.199892   -23.291949
 0.34396    -7.018110   -72.879986     -0.994150
-0.015253    -0.315278   -54.839466
 0.51593    -7.018110   -72.879986     -0.994150
-0.015253    -0.724642  -118.047497
 0.68791    -7.018110   -72.879986     -0.994150
-0.015253    -1.134081  -218.209075

 COMB       CAR ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    11.551812   156.099929      0.594296
0.015972     0.503968   248.155253
 0.17198    11.551812   156.099929      0.594296
0.015972     0.101775   218.570908
 0.34396    11.551812   156.099929      0.594296
0.015972     0.507021   200.664443
 0.51593    11.551812   156.099929      0.594296
0.015972     1.182482   226.328228
 0.68791    11.551812   156.099929      0.594296
0.015972     1.857847   273.439743

 COMB       CAR ------------------- MIN

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    -7.262265   -72.879986     -0.994150
-0.015855    -0.884272    -8.017814
 0.17198    -7.262265   -72.879986     -0.994150
-0.015855    -0.199892   -23.291949
 0.34396    -7.262265   -72.879986     -0.994150
-0.015855    -0.315278   -54.839466
 0.51593    -7.262265   -72.879986     -0.994150
-0.015855    -0.724642  -118.047497
 0.68791    -7.262265   -72.879986     -0.994150
-0.015855    -1.134081  -218.209075

 COMB    DESIGN ------------------- MAX

 REL DIST             P             V2             V3
    T          M2          M3
 0.00000    11.551812   156.099929      0.594296
0.015972     0.503968   248.155253
 0.17198    11.551812   156.099929      0.594296
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0.015972     0.101775   218.570908
 0.34396     11.551812    156.099929       0.594296
0.015972     0.507021   200.664443
 0.51593     11.551812    156.099929       0.594296
0.015972     1.182482   226.328228
 0.68791     11.551812    156.099929       0.594296
0.015972     1.857847   273.439743

 COMB   DESIGN ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.00000    -7.262265   -72.879986     -0.994150
-0.015855   -0.884272    -8.017814
 0.17198    -7.262265   -72.879986     -0.994150
-0.015855   -0.199892   -23.291949
 0.34396    -7.262265   -72.879986     -0.994150
-0.015855   -0.315278   -54.839466
 0.51593    -7.262265   -72.879986     -0.994150
-0.015855   -0.724642  -118.047497
 0.68791    -7.262265   -72.879986     -0.994150
-0.015855   -1.134081  -218.209075
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4.004943

 COMB DB-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     1.477590     7.923894       0.157601
0.000722    0.299831    16.657846
 0.48409     1.477590     7.923894       0.157601
0.000722    0.191285    11.238671
 0.65606     1.477590     7.923894       0.157601
0.000722    0.082712     6.031702
 0.82803     1.477590     7.923894       0.157601
0.000722    0.031889     2.004643
 1.00000     1.477590     7.923894       0.157601
0.000722    0.156094     0.903902

 COMB DB-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -3.729061   -26.951475     -0.180159
-0.002242   -0.340216   -75.499580
 0.48409    -3.729061   -26.951475     -0.180159
-0.002242   -0.216134   -56.951621
 0.65606    -3.729061   -26.951475     -0.180159
-0.002242   -0.092002   -38.524236
 0.82803    -3.729061   -26.951475     -0.180159
-0.002242   -0.025633   -20.374938
 1.00000    -3.729061   -26.951475     -0.180159
-0.002242   -0.134337    -5.478506

 COMB DB-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     2.664760    28.540423       0.259291
0.013847    0.493104   103.083634
 0.48409     2.664760    28.540423       0.259291
0.013847    0.314523    85.439402
 0.65606     2.664760    28.540423       0.259291
0.013847    0.135872    88.997863
 0.82803     2.664760    28.540423       0.259291
0.013847    0.064088   145.078925
 1.00000     2.664760    28.540423       0.259291
0.013847    0.296024   201.223891

 COMB DB-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -9.611833  -131.467184     -0.348639
-0.015148   -0.664565  -170.506819
 0.48409    -9.611833  -131.467184     -0.348639
-0.015148   -0.424504   -84.003194
 0.65606    -9.611833  -131.467184     -0.348639
-0.015148   -0.184574   -40.510458
 0.82803    -9.611833  -131.467184     -0.348639
-0.015148   -0.076361   -19.400455
 1.00000    -9.611833  -131.467184     -0.348639
-0.015148   -0.234305    -5.36E-06

 COMB DB-G1-3 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     4.602078    41.802015       0.417220
0.015712    0.793046   145.891248
 0.48409     4.602078    41.802015       0.417220
0.015712    0.505698   119.302441
 0.65606     4.602078    41.802015       0.417220
0.015712    0.218318   114.493087
 0.82803     4.602078    41.802015       0.417220
0.015712    0.083559   164.067827
 1.00000     4.602078    41.802015       0.417220
0.015712    0.401851   227.777430

 COMB DB-G1-3 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211   -11.109028  -150.249204     -0.473956
-0.015739   -0.904311  -194.458180
 0.48409   -11.109028  -150.249204     -0.473956
-0.015739   -0.578982   -95.120365
 0.65606   -11.109028  -150.249204     -0.473956
-0.015739   -0.253785   -40.493692
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 REL DIST            P            V2           V3
     T          M2          M3
 0.82803   -11.109028  -150.249204     -0.473956
-0.015739   -0.103430   -18.197701
 1.00000   -11.109028  -150.249204     -0.473956
-0.015739   -0.369805    -0.004604

 COMB DB-G2-1 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     3.803860    26.705083       0.261465
0.002375    0.496849    73.434071
 0.48409     3.803860    26.705083       0.261465
0.002375    0.316769    55.045518
 0.65606     3.803860    26.705083       0.261465
0.002375    0.136673    36.672855
 0.82803     3.803860    26.705083       0.261465
0.002375    0.037793    18.358880
 1.00000     3.803860    26.705083       0.261465
0.002375    0.202492     0.906593

 COMB DB-G2-1 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -1.486125    -8.076967     -0.238927
-0.000809   -0.455724   -27.343968
 0.48409    -1.486125    -8.076967     -0.238927
-0.000809   -0.291167   -21.790962
 0.65606    -1.486125    -8.076967     -0.238927
-0.000809   -0.126581   -16.280497
 0.82803    -1.486125    -8.076967     -0.238927
-0.000809   -0.043465   -10.821174
 1.00000    -1.486125    -8.076967     -0.238927
-0.000809   -0.223486    -5.564343

 COMB DB-G2-2 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     4.903457    41.434846       0.393556
0.015955    0.747849   133.019470
 0.48409     4.903457    41.434846       0.393556
0.015955    0.476795   106.498106
 0.65606     4.903457    41.434846       0.393556
0.015955    0.205625   101.218019
 0.82803     4.903457    41.434846       0.393556
0.015955    0.069519   148.473580
 1.00000     4.903457    41.434846       0.393556
0.015955    0.337982   201.093477

 COMB DB-G2-2 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -7.486126  -118.268143     -0.401594
-0.013600   -0.768430  -127.285319
 0.48409    -7.486126  -118.268143     -0.401594
-0.013600   -0.491898   -49.872283
 0.65606    -7.486126  -118.268143     -0.401594
-0.013600   -0.215548   -15.456275
 0.82803    -7.486126  -118.268143     -0.401594
-0.013600   -0.099362    -3.621378
 1.00000    -7.486126  -118.268143     -0.401594
-0.013600   -0.349598    -0.001724

 COMB DB-G2-3 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     6.099825    58.505293       0.455228
0.016265    0.865163   203.907130
 0.48409     6.099825    58.505293       0.455228
0.016265    0.551633   165.665931
 0.65606     6.099825    58.505293       0.455228
0.016265    0.237990   149.129652
 0.82803     6.099825    58.505293       0.455228
0.016265    0.087741   186.281532
 1.00000     6.099825    58.505293       0.455228
0.016265    0.434307   227.736349

 COMB DB-G2-3 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -9.596609  -133.669601     -0.515341
-0.014974   -0.985501  -161.159265
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 REL DIST            P            V2           V3
     T          M2          M3
 0.48409    -9.596609  -133.669601     -0.515341
-0.014974   -0.630650   -73.350157
 0.65606    -9.596609  -133.669601     -0.515341
-0.014974   -0.275992   -29.568842
 0.82803    -9.596609  -133.669601     -0.515341
-0.014974   -0.110177    -9.163021
 1.00000    -9.596609  -133.669601     -0.515341
-0.014974   -0.402468    -0.001399

 COMB DL-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     1.391682     8.398599       0.231414
0.000750    0.444252    19.913577
 0.48409     1.391682     8.398599       0.231414
0.000750    0.284999    14.220240
 0.65606     1.391682     8.398599       0.231414
0.000750    0.125456     8.606598
 0.82803     1.391682     8.398599       0.231414
0.000750    0.060096     3.262344
 1.00000     1.391682     8.398599       0.231414
0.000750    0.286037     1.279993

 COMB DL-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -6.941327   -46.057128     -0.328553
-0.002684   -0.619138  -131.046721
 0.48409    -6.941327   -46.057128     -0.328553
-0.002684   -0.392845   -99.385861
 0.65606    -6.941327   -46.057128     -0.328553
-0.002684   -0.166593   -67.807119
 0.82803    -6.941327   -46.057128     -0.328553
-0.002684   -0.034363   -36.628642
 1.00000    -6.941327   -46.057128     -0.328553
-0.002684   -0.193392    -8.162744

 COMB DL-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     2.702771    27.582296       0.389612
0.012644    0.737054   122.176070
 0.48409     2.702771    27.582296       0.389612
0.012644    0.469794   106.087687
 0.65606     2.702771    27.582296       0.389612
0.012644    0.204985   109.856015
 0.82803     2.702771    27.582296       0.389612
0.012644    0.107887   157.249906
 1.00000     2.702771    27.582296       0.389612
0.012644    0.514464   208.774386

 COMB DL-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -12.639819  -140.369699     -0.602957
-0.014524   -1.146867  -220.082520
 0.48409    -12.639819  -140.369699     -0.602957
-0.014524   -0.732555  -125.771701
 0.65606    -12.639819  -140.369699     -0.602957
-0.014524   -0.320622   -66.291447
 0.82803    -12.639819  -140.369699     -0.602957
-0.014524   -0.098938   -30.717153
 1.00000    -12.639819  -140.369699     -0.602957
-0.014524   -0.362151    -3.24E-06

 COMB DL-G1-3 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     6.457010    50.348094       0.624728
0.014528    1.181292   202.120955
 0.48409     6.457010    50.348094       0.624728
0.014528    0.752079   170.897375
 0.65606     6.457010    50.348094       0.624728
0.014528    0.325290   160.271720
 0.82803     6.457010    50.348094       0.624728
0.014528    0.151234   196.373910
 1.00000     6.457010    50.348094       0.624728
0.014528    0.773108   243.374746
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 COMB DL-G1-3 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -13.315160  -152.770882     -0.914635
-0.014853   -1.747239  -234.158923
 0.48409    -13.315160  -152.770882     -0.914635
-0.014853   -1.118415  -131.804947
 0.65606    -13.315160  -152.770882     -0.914635
-0.014853   -0.491914   -64.922323
 0.82803    -13.315160  -152.770882     -0.914635
-0.014853   -0.140254   -28.725965
 1.00000    -13.315160  -152.770882     -0.914635
-0.014853   -0.565563    -0.004201

 COMB DL-G2-1 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     7.022231    45.364835       0.383003
0.002903    0.726173   123.269813
 0.48409     7.022231    45.364835       0.383003
0.002903    0.462375    92.065049
 0.65606     7.022231    45.364835       0.383003
0.002903    0.198478    60.906294
 0.82803     7.022231    45.364835       0.383003
0.002903    0.077598    29.883316
 1.00000     7.022231    45.364835       0.383003
0.002903    0.434970     1.263843

 COMB DL-G2-1 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -1.364931    -8.500076     -0.517736
-0.000883   -0.991042   -26.954775
 0.48409    -1.364931    -8.500076     -0.517736
-0.000883   -0.634343   -21.169117
 0.65606    -1.364931    -8.500076     -0.517736
-0.000883   -0.277605   -15.440799
 0.82803    -1.364931    -8.500076     -0.517736
-0.000883   -0.065008    -9.845281
 1.00000    -1.364931    -8.500076     -0.517736
-0.000883   -0.328914    -6.569071

 COMB DL-G2-2 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     8.828008    62.564405       0.583333
0.015329    1.097964   219.274635
 0.48409     8.828008    62.564405       0.583333
0.015329    0.697230   179.113695
 0.65606     8.828008    62.564405       0.583333
0.015329    0.298924   158.818680
 0.82803     8.828008    62.564405       0.583333
0.015329    0.130769   182.258035
 1.00000     8.828008    62.564405       0.583333
0.015329    0.694131   210.707610

 COMB DL-G2-2 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -6.569477  -104.404787     -0.828696
-0.012584   -1.588681  -119.373588
 0.48409    -6.569477  -104.404787     -0.828696
-0.012584   -1.018941   -49.839259
 0.65606    -6.569477  -104.404787     -0.828696
-0.012584   -0.451039   -15.151498
 0.82803    -6.569477  -104.404787     -0.828696
-0.012584   -0.137132    -4.447029
 1.00000    -6.569477  -104.404787     -0.828696
-0.012584   -0.534492    -0.001482

 COMB DL-G2-3 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     9.449838    75.412733       0.681067
0.015270    1.285265   276.914782
 0.48409     9.449838    75.412733       0.681067
0.015270    0.817241   228.247516
 0.65606     9.449838    75.412733       0.681067
0.015270    0.351667   199.780789
 0.82803     9.449838    75.412733       0.681067
0.015270    0.157774   216.143046
 1.00000     9.449838    75.412733       0.681067
0.015270    0.838077   244.023896
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 COMB DL-G2-3 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -10.322276  -127.757013     -0.999177
-0.013947   -1.914519  -170.500358
 0.48409    -10.322276  -127.757013     -0.999177
-0.013947   -1.227320   -85.274680
 0.65606    -10.322276  -127.757013     -0.999177
-0.013947   -0.542062   -35.274440
 0.82803    -10.322276  -127.757013     -0.999177
-0.013947   -0.153029   -10.493135
 1.00000    -10.322276  -127.757013     -0.999177
-0.013947   -0.616590    -0.001232

 COMB     DB ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     6.099825    58.505293       0.455228
0.016265    0.865163   203.907130
 0.48409     6.099825    58.505293       0.455228
0.016265    0.551633   165.665931
 0.65606     6.099825    58.505293       0.455228
0.016265    0.237990   149.129652
 0.82803     6.099825    58.505293       0.455228
0.016265    0.087741   186.281532
 1.00000     6.099825    58.505293       0.455228
0.016265    0.434307   227.777430

 COMB     DB ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211   -11.109028  -150.249204     -0.515341
-0.015739   -0.985501  -194.458180
 0.48409   -11.109028  -150.249204     -0.515341
-0.015739   -0.630650   -95.120365
 0.65606   -11.109028  -150.249204     -0.515341
-0.015739   -0.275992   -40.510458
 0.82803   -11.109028  -150.249204     -0.515341
-0.015739   -0.110177   -20.374938
 1.00000   -11.109028  -150.249204     -0.515341
-0.015739   -0.402468    -5.564343

 COMB     DL ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     9.449838    75.412733       0.681067
0.015329    1.285265   276.914782
 0.48409     9.449838    75.412733       0.681067
0.015329    0.817241   228.247516
 0.65606     9.449838    75.412733       0.681067
0.015329    0.351667   199.780789
 0.82803     9.449838    75.412733       0.681067
0.015329    0.157774   216.143046
 1.00000     9.449838    75.412733       0.681067
0.015329    0.838077   244.023896

 COMB     DL ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -13.315160  -152.770882     -0.999177
-0.014853   -1.914519  -234.158923
 0.48409    -13.315160  -152.770882     -0.999177
-0.014853   -1.227320  -131.804947
 0.65606    -13.315160  -152.770882     -0.999177
-0.014853   -0.542062   -67.807119
 0.82803    -13.315160  -152.770882     -0.999177
-0.014853   -0.153029   -36.628642
 1.00000    -13.315160  -152.770882     -0.999177
-0.014853   -0.616590    -8.162744

 COMB     CAR ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     9.449838    75.412733       0.681067
0.016265    1.285265   276.914782
 0.48409     9.449838    75.412733       0.681067
0.016265    0.817241   228.247516
 0.65606     9.449838    75.412733       0.681067
0.016265    0.351667   199.780789
 0.82803     9.449838    75.412733       0.681067
0.016265    0.157774   216.143046
 1.00000     9.449838    75.412733       0.681067
0.016265    0.838077   244.023896
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 COMB     CAR ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -13.315160  -152.770882     -0.999177
-0.015739   -1.914519  -234.158923
 0.48409    -13.315160  -152.770882     -0.999177
-0.015739   -1.227320  -131.804947
 0.65606    -13.315160  -152.770882     -0.999177
-0.015739   -0.542062   -67.807119
 0.82803    -13.315160  -152.770882     -0.999177
-0.015739   -0.153029   -36.628642
 1.00000    -13.315160  -152.770882     -0.999177
-0.015739   -0.616590    -8.162744

 COMB   DESIGN ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211     9.449838    75.412733       0.681067
0.016265    1.285265   276.914782
 0.48409     9.449838    75.412733       0.681067
0.016265    0.817241   228.247516
 0.65606     9.449838    75.412733       0.681067
0.016265    0.351667   199.780789
 0.82803     9.449838    75.412733       0.681067
0.016265    0.157774   216.143046
 1.00000     9.449838    75.412733       0.681067
0.016265    0.838077   244.023896

 COMB   DESIGN ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.31211    -13.315160  -152.770882     -0.999177
-0.015739   -1.914519  -234.158923
 0.48409    -13.315160  -152.770882     -0.999177
-0.015739   -1.227320  -131.804947
 0.65606    -13.315160  -152.770882     -0.999177
-0.015739   -0.542062   -67.807119
 0.82803    -13.315160  -152.770882     -0.999177
-0.015739   -0.153029   -36.628642
 1.00000    -13.315160  -152.770882     -0.999177
-0.015739   -0.616590    -8.162744

 ELEM        88 ================== LENGTH =
4.004943

 COMB DB-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.00000     1.469327     7.895173       0.155857
0.000702    0.132322     0.912744
 0.17197     1.469327     7.895173       0.155857
0.000702    0.024834    17.293497
 0.34394     1.469327     7.895173       0.155857
0.000702    0.090191    35.766085
 0.51591     1.469327     7.895173       0.155857
0.000702    0.205174    54.289418
 0.68789     1.469327     7.895173       0.155857
0.000702    0.320202    72.827921

 COMB DB-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
     T          M2          M3
 0.00000    -3.718287   -26.925930     -0.167023
-0.002261   -0.140006    -5.478136
 0.17197    -3.718287   -26.925930     -0.167023
-0.002261   -0.025158   -10.670017
 0.34394    -3.718287   -26.925930     -0.167023
-0.002261   -0.082314   -16.000646
 0.51591    -3.718287   -26.925930     -0.167023
-0.002261   -0.189685   -21.374567
 0.68789    -3.718287   -26.925930     -0.167023
-0.002261   -0.297031   -26.789333

 COMB DB-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
     T          M2          M3
 0.00000     6.957113   118.067352       0.262333
```

0.013515 0.221640 200.853705
0.17197 6.957113 118.067352 0.262333
0.013515 0.043463 146.910523
0.34394 6.957113 118.067352 0.262333
0.013515 0.172834 99.879015
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REL DIST P V2 V3
T M2 M3
0.51591 6.957113 118.067352 0.262333
0.013515 0.397559 105.951505
0.68789 6.957113 118.067352 0.262333
0.013515 0.622361 132.318710

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.174387 -41.650217 -0.332070
-0.015795 -0.317275 -5.36E-06
0.17197 -5.174387 -41.650217 -0.332070
-0.015795 -0.089682 -3.436941
0.34394 -5.174387 -41.650217 -0.332070
-0.015795 -0.139558 -15.175188
0.51591 -5.174387 -41.650217 -0.332070
-0.015795 -0.320306 -49.572655
0.68789 -5.174387 -41.650217 -0.332070
-0.015795 -0.500983 -127.027650

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.997607 133.266014 0.420332
0.014996 0.356713 227.399694
0.17197 8.997607 133.266014 0.420332
0.014996 0.069651 184.798922
0.34394 8.997607 133.266014 0.420332
0.014996 0.240028 147.883139
0.51591 8.997607 133.266014 0.420332
0.014996 0.552042 165.234240
0.68789 8.997607 133.266014 0.420332
0.014996 0.864376 203.324399

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.597380 -58.734490 -0.459389
-0.016170 -0.426552 -0.004597
0.17197 -6.597380 -58.734490 -0.459389
-0.016170 -0.112588 -8.131026
0.34394 -6.597380 -58.734490 -0.459389
-0.016170 -0.222201 -28.248442
0.51591 -6.597380 -58.734490 -0.459389
-0.016170 -0.511761 -71.865188
0.68789 -6.597380 -58.734490 -0.459389
-0.016170 -0.801247 -159.589868

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.815728 26.726245 0.260036
0.002381 0.222824 0.905327
0.17197 3.815728 26.726245 0.260036
0.002381 0.043700 1.865857
0.34394 3.815728 26.726245 0.260036
0.002381 0.125947 6.179774
0.51591 3.815728 26.726245 0.260036
0.002381 0.290567 11.562086
0.68789 3.815728 26.726245 0.260036
0.002381 0.455156 17.098581

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.494347 -8.098532 -0.238977
-0.000783 -0.203214 -5.565947
0.17197 -1.494347 -8.098532 -0.238977
-0.000783 -0.038469 -19.033959
0.34394 -1.494347 -8.098532 -0.238977
-0.000783 -0.135383 -37.020184
0.51591 -1.494347 -8.098532 -0.238977
-0.000783 -0.314458 -55.287493
0.68789 -1.494347 -8.098532 -0.238977
-0.000783 -0.493554 -73.677660

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.229198 131.135358 0.397440
0.015372 0.338657 200.721880
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REL DIST P V2 V3
T M2 M3
0.17197 9.229198 131.135358 0.397440
0.015372 0.067726 144.683186
0.34394 9.229198 131.135358 0.397440
0.015372 0.207397 88.723314
0.51591 9.229198 131.135358 0.397440
0.015372 0.479570 85.846399
0.68789 9.229198 131.135358 0.397440
0.015372 0.751837 103.231357

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.081064 -28.644261 -0.400986
-0.013900 -0.377590 -0.001721
0.17197 -3.081064 -28.644261 -0.400986
-0.013900 -0.102189 -17.751719
0.34394 -3.081064 -28.644261 -0.400986
-0.013900 -0.208682 -38.680287
0.51591 -3.081064 -28.644261 -0.400986
-0.013900 -0.482528 -82.104675
0.68789 -3.081064 -28.644261 -0.400986
-0.013900 -0.756259 -168.588867

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.499002 149.902289 0.458123
0.015877 0.389878 227.358381
0.17197 10.499002 149.902289 0.458123
0.015877 0.076998 163.194559
0.34394 10.499002 149.902289 0.458123
0.015877 0.262826 113.768533
0.51591 10.499002 149.902289 0.458123
0.015877 0.607550 119.392960
0.68789 10.499002 149.902289 0.458123
0.015877 0.952319 145.882337

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.086497 -42.091749 -0.506378
-0.015683 -0.468009 -0.001397
0.17197 -5.086497 -42.091749 -0.506378
-0.015683 -0.120070 -16.694375
0.34394 -5.086497 -42.091749 -0.506378
-0.015683 -0.241053 -38.749499
0.51591 -5.086497 -42.091749 -0.506378
-0.015683 -0.556692 -93.288988
0.68789 -5.086497 -42.091749 -0.506378
-0.015683 -0.872218 -192.583343

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.380705 8.364638 0.235071
0.000721 0.198187 1.288350
0.17197 1.380705 8.364638 0.235071
0.000721 0.036468 28.057897
0.34394 1.380705 8.364638 0.235071
0.000721 0.162569 59.430487
0.51591 1.380705 8.364638 0.235071
0.000721 0.369114 90.950593
0.68789 1.380705 8.364638 0.235071
0.000721 0.575694 122.522225

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.910296 -45.903612 -0.299905
-0.002755 -0.250477 -8.182714
0.17197 -6.910296 -45.903612 -0.299905
-0.002755 -0.043752 -9.670645
0.34394 -6.910296 -45.903612 -0.299905
-0.002755 -0.125535 -15.167229
0.51591 -6.910296 -45.903612 -0.299905
-0.002755 -0.287582 -20.812238
0.68789 -6.910296 -45.903612 -0.299905
-0.002755 -0.449474 -26.518133
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COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.361879 104.091742 0.399616
0.012397 0.336175 208.697282
0.17197 6.361879 104.091742 0.399616
0.012397 0.067310 180.223008
0.34394 6.361879 104.091742 0.399616
0.012397 0.295044 157.699500
0.51591 6.361879 104.091742 0.399616
0.012397 0.684659 178.949822
0.68789 6.361879 104.091742 0.399616
0.012397 1.074448 219.875070

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.826099 -63.469417 -0.573911
-0.015058 -0.522012 -3.23E-06
0.17197 -8.826099 -63.469417 -0.573911
-0.015058 -0.126559 -4.271089
0.34394 -8.826099 -63.469417 -0.573911
-0.015058 -0.216051 -14.918948
0.51591 -8.826099 -63.469417 -0.573911
-0.015058 -0.490893 -49.705228
0.68789 -8.826099 -63.469417 -0.573911
-0.015058 -0.765895 -119.227720

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.140577 126.944279 0.633049
0.013853 0.535064 243.288427
0.17197 10.140577 126.944279 0.633049
0.013853 0.105437 214.794000
0.34394 10.140577 126.944279 0.633049
0.013853 0.462156 199.087135
0.51591 10.140577 126.944279 0.633049
0.013853 1.073985 228.414166
0.68789 10.140577 126.944279 0.633049
0.013853 1.685992 277.782224

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.532322 -76.266757 -0.896528
-0.015075 -0.799195 -0.004195
0.17197 -9.532322 -76.266757 -0.896528
-0.015075 -0.181287 -9.110779
0.34394 -9.532322 -76.266757 -0.896528
-0.015075 -0.338617 -33.235046
0.51591 -9.532322 -76.266757 -0.896528
-0.015075 -0.774304 -82.940196
0.68789 -9.532322 -76.266757 -0.896528
-0.015075 -1.210045 -167.766322

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.053156 45.507567 0.377836
0.002859 0.324923 1.262815
0.17197 7.053156 45.507567 0.377836
0.002859 0.064497 3.217284
0.34394 7.053156 45.507567 0.377836
0.002859 0.281190 8.650974
0.51591 7.053156 45.507567 0.377836
0.002859 0.646339 14.358945
0.68789 7.053156 45.507567 0.377836
0.002859 1.011281 20.143434

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.376082 -8.499679 -0.529782
-0.000815 -0.447857 -6.585576
0.17197 -1.376082 -8.499679 -0.529782
-0.000815 -0.082091 -34.039078
0.34394 -1.376082 -8.499679 -0.529782
-0.000815 -0.195316 -64.847855
0.51591 -1.376082 -8.499679 -0.529782
-0.000815 -0.455645 -96.057880
0.68789 -1.376082 -8.499679 -0.529782
-0.000815 -0.715909 -127.347429
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COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.550606 139.432634 0.583619
0.014796 0.498608 210.626936
0.17197 12.550606 139.432634 0.583619
0.014796 0.102879 157.352009
0.34394 12.550606 139.432634 0.583619
0.014796 0.435477 110.359745
0.51591 12.550606 139.432634 0.583619
0.014796 1.014109 107.072119
0.68789 12.550606 139.432634 0.583619
0.014796 1.592558 123.456878

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.819737 -27.836696 -0.847806
-0.012634 -0.758130 -0.001480
0.17197 -2.819737 -27.836696 -0.847806
-0.012634 -0.172850 -27.726625
0.34394 -2.819737 -27.836696 -0.847806
-0.012634 -0.306708 -62.755640
0.51591 -2.819737 -27.836696 -0.847806
-0.012634 -0.708332 -121.883490
0.68789 -2.819737 -27.836696 -0.847806
-0.012634 -1.110080 -215.744629

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.144583 151.880795 0.684726
0.014980 0.581653 243.936350
0.17197 13.144583 151.880795 0.684726
0.014980 0.116770 195.441540
0.34394 13.144583 151.880795 0.684726
0.014980 0.515603 160.092407
0.51591 13.144583 151.880795 0.684726
0.014980 1.198487 171.548357
0.68789 13.144583 151.880795 0.684726
0.014980 1.881231 203.429665

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.548135 -51.119185 -0.999196
-0.014388 -0.886564 -0.001230
0.17197 -6.548135 -51.119185 -0.999196
-0.014388 -0.196992 -26.010467
0.34394 -6.548135 -51.119185 -0.999196
-0.014388 -0.363031 -61.701577
0.51591 -6.548135 -51.119185 -0.999196
-0.014388 -0.834318 -128.284551
0.68789 -6.548135 -51.119185 -0.999196
-0.014388 -1.305676 -230.232186

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.499002 149.902289 0.458123
0.015877 0.389878 227.399694
0.17197 10.499002 149.902289 0.458123
0.015877 0.076998 184.798922
0.34394 10.499002 149.902289 0.458123
0.015877 0.262826 147.883139
0.51591 10.499002 149.902289 0.458123
0.015877 0.607550 165.234240
0.68789 10.499002 149.902289 0.458123
0.015877 0.952319 203.324399

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.597380 -58.734490 -0.506378
-0.016170 -0.468009 -5.565947
0.17197 -6.597380 -58.734490 -0.506378
-0.016170 -0.120070 -19.033959
0.34394 -6.597380 -58.734490 -0.506378
-0.016170 -0.241053 -38.749499
0.51591 -6.597380 -58.734490 -0.506378
-0.016170 -0.556692 -93.288988
0.68789 -6.597380 -58.734490 -0.506378
-0.016170 -0.872218 -192.583343
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COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.144583 151.880795 0.684726
0.014980 0.581653 243.936350
0.17197 13.144583 151.880795 0.684726
0.014980 0.116770 214.794000
0.34394 13.144583 151.880795 0.684726
0.014980 0.515603 199.087135
0.51591 13.144583 151.880795 0.684726
0.014980 1.198487 228.414166
0.68789 13.144583 151.880795 0.684726
0.014980 1.881231 277.782224

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.532322 -76.266757 -0.999196
-0.015075 -0.886564 -8.182714
0.17197 -9.532322 -76.266757 -0.999196
-0.015075 -0.196992 -34.039078
0.34394 -9.532322 -76.266757 -0.999196
-0.015075 -0.363031 -64.847855
0.51591 -9.532322 -76.266757 -0.999196
-0.015075 -0.834318 -128.284551
0.68789 -9.532322 -76.266757 -0.999196
-0.015075 -1.305676 -230.232186

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.144583 151.880795 0.684726
0.015877 0.581653 243.936350
0.17197 13.144583 151.880795 0.684726
0.015877 0.116770 214.794000
0.34394 13.144583 151.880795 0.684726
0.015877 0.515603 199.087135
0.51591 13.144583 151.880795 0.684726
0.015877 1.198487 228.414166
0.68789 13.144583 151.880795 0.684726
0.015877 1.881231 277.782224

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.532322 -76.266757 -0.999196
-0.016170 -0.886564 -8.182714
0.17197 -9.532322 -76.266757 -0.999196
-0.016170 -0.196992 -34.039078
0.34394 -9.532322 -76.266757 -0.999196
-0.016170 -0.363031 -64.847855
0.51591 -9.532322 -76.266757 -0.999196
-0.016170 -0.834318 -128.284551
0.68789 -9.532322 -76.266757 -0.999196
-0.016170 -1.305676 -230.232186

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.144583 151.880795 0.684726
0.015877 0.581653 243.936350
0.17197 13.144583 151.880795 0.684726
0.015877 0.116770 214.794000
0.34394 13.144583 151.880795 0.684726
0.015877 0.515603 199.087135
0.51591 13.144583 151.880795 0.684726
0.015877 1.198487 228.414166
0.68789 13.144583 151.880795 0.684726
0.015877 1.881231 277.782224

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.532322 -76.266757 -0.999196
-0.016170 -0.886564 -8.182714
0.17197 -9.532322 -76.266757 -0.999196
-0.016170 -0.196992 -34.039078
0.34394 -9.532322 -76.266757 -0.999196
-0.016170 -0.363031 -64.847855
0.51591 -9.532322 -76.266757 -0.999196
-0.016170 -0.834318 -128.284551
0.68789 -9.532322 -76.266757 -0.999196
-0.016170 -1.305676 -230.232186
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ELEM 89 ========== LENGTH = 4.005680

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31206 0.350260 4.396626 0.149340
0.001880 0.284292 12.538061
0.48404 0.350260 4.396626 0.149340
0.001880 0.181389 9.541575
0.65603 0.350260 4.396626 0.149340
0.001880 0.078505 6.596255
0.82801 0.350260 4.396626 0.149340
0.001880 0.027568 3.882472
1.00000 0.350260 4.396626 0.149340
0.001880 0.127388 1.640844

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31206 -6.130041 -43.319849 -0.144769
-0.001868 -0.271529 -121.930564
0.48404 -6.130041 -43.319849 -0.144769
-0.001868 -0.171795 -92.303798
0.65603 -6.130041 -43.319849 -0.144769
-0.001868 -0.072030 -62.961579
0.82801 -6.130041 -43.319849 -0.144769
-0.001868 -0.024239 -33.660924
1.00000 -6.130041 -43.319849 -0.144769
-0.001868 -0.127248 -10.348945

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31206 0.879657 15.471931 0.267258
0.018041 0.508420 110.185693
0.48404 0.879657 15.471931 0.267258
0.018041 0.324295 105.294284
0.65603 0.879657 15.471931 0.267258
0.018041 0.140108 129.280689
0.82801 0.879657 15.471931 0.267258
0.018041 0.058739 195.818298
1.00000 0.879657 15.471931 0.267258
0.018041 0.249154 262.621125

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31206 -12.617773 -151.229516 -0.289241
-0.017980 -0.547951 -181.143717
0.48404 -12.617773 -151.229516 -0.289241
-0.017980 -0.348687 -98.458836
0.65603 -12.617773 -151.229516 -0.289241
-0.017980 -0.149323 -64.407594
0.82801 -12.617773 -151.229516 -0.289241
-0.017980 -0.074792 -30.466639
1.00000 -12.617773 -151.229516 -0.289241
-0.017980 -0.244890 -0.019010

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31206 4.373093 38.898927 0.445039
0.019613 0.846740 187.148663
0.48404 4.373093 38.898927 0.445039
0.019613 0.540155 167.083810
0.65603 4.373093 38.898927 0.445039
0.019613 0.233430 177.013150
0.82801 4.373093 38.898927 0.445039
0.019613 0.079698 232.408067
1.00000 4.373093 38.898927 0.445039
0.019613 0.364535 311.261813

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31206 -12.778162 -167.204915 -0.426307
-0.019478 -0.810276 -178.582903
0.48404 -12.778162 -167.204915 -0.426307
-0.019478 -0.516585 -92.785763
0.65603 -12.778162 -167.204915 -0.426307
-0.019478 -0.222791 -60.683404
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REL DIST P V2 V3

```
     T          M2          M3
 0.82801   -12.778162  -167.204915     -0.426307
-0.019478    -0.104607   -28.683622
 1.00000   -12.778162  -167.204915     -0.426307
-0.019478    -0.396835    -0.031648

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206    6.141070   42.097398    0.283720
0.001994    0.540374  116.078575
 0.48404    6.141070   42.097398    0.283720
0.001994    0.344914   87.132027
 0.65603    6.141070   42.097398    0.283720
0.001994    0.149444   58.224523
 0.82801    6.141070   42.097398    0.283720
0.001994    0.039192   29.361696
 1.00000    6.141070   42.097398    0.283720
0.001994    0.211082    1.648882

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -0.343198   -4.239445    -0.249383
-0.001993   -0.476121  -11.490238
 0.48404   -0.343198   -4.239445    -0.249383
-0.001993   -0.304316   -8.599970
 0.65603   -0.343198   -4.239445    -0.249383
-0.001993   -0.132500   -5.757688
 0.82801   -0.343198   -4.239445    -0.249383
-0.001993   -0.045974   -4.796678
 1.00000   -0.343198   -4.239445    -0.249383
-0.001993   -0.241469  -10.083007

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206    7.567822   58.550936    0.440624
0.018363    0.838686  220.612749
 0.48404    7.567822   58.550936    0.440624
0.018363    0.535145  186.113204
 0.65603    7.567822   58.550936    0.440624
0.018363    0.231544  180.495080
 0.82801    7.567822   58.550936    0.440624
0.018363    0.070863  216.674191
 1.00000    7.567822   58.550936    0.440624
0.018363    0.336961  262.948388

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -5.772804  -106.930825    -0.399058
-0.018312   -0.762768  -61.270305
 0.48404   -5.772804  -106.930825    -0.399058
-0.018312   -0.487849   -9.457344
 0.65603   -5.772804  -106.930825    -0.399058
-0.018312   -0.212882   -6.268955
 0.82801   -5.772804  -106.930825    -0.399058
-0.018312   -0.103088   -3.085510
 1.00000   -5.772804  -106.930825    -0.399058
-0.018312   -0.392394   -0.004432

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206    7.294435   72.614568    0.494252
0.019438    0.940660  305.362997
 0.48404    7.294435   72.614568    0.494252
0.019438    0.600177  261.281539
 0.65603    7.294435   72.614568    0.494252
0.019438    0.259625  246.749076
 0.82801    7.294435   72.614568    0.494252
0.019438    0.086470  275.004805
 1.00000    7.294435   72.614568    0.494252
0.019438    0.412023  311.456550

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -9.483965  -132.747359    -0.485659
-0.019378   -0.926351  -117.580693
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 REL DIST          P          V2          V3
     T          M2          M3
 0.48404   -9.483965  -132.747359    -0.485659
-0.019378   -0.591770   -48.300328
 0.65603   -9.483965  -132.747359    -0.485659
-0.019378   -0.257101   -28.972084
 0.82801   -9.483965  -132.747359    -0.485659
-0.019378   -0.112473   -10.372098
 1.00000   -9.483965  -132.747359    -0.485659
-0.019378   -0.438553    -0.003597

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206    0.469604    6.057827    0.239459
0.002189    0.458933   17.826830
 0.48404    0.469604    6.057827    0.239459
0.002189    0.293869   13.752580
 0.65603    0.469604    6.057827    0.239459
0.002189    0.129163    9.784966
 0.82801    0.469604    6.057827    0.239459
0.002189    0.051300    5.923845
 1.00000    0.469604    6.057827    0.239459
0.002189    0.235573    2.453941

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -11.937316   -98.346252    -0.267377
-0.002289   -0.501181  -283.009001
 0.48404   -11.937316   -98.346252    -0.267377
-0.002289   -0.316957  -215.347780
 0.65603   -11.937316   -98.346252    -0.267377
-0.002289   -0.132640  -147.981333
 0.82801   -11.937316   -98.346252    -0.267377
-0.002289   -0.036494   -80.692102
 1.00000   -11.937316   -98.346252    -0.267377
-0.002289   -0.200935   -15.996832

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206    1.435139   20.897801    0.427925
0.017031    0.809340  167.126123
 0.48404    1.435139   20.897801    0.427925
0.017031    0.514598  161.533908
 0.65603    1.435139   20.897801    0.427925
0.017031    0.222703  181.243692
 0.82801    1.435139   20.897801    0.427925
0.017031    0.100263  234.591859
 1.00000    1.435139   20.897801    0.427925
0.017031    0.447583  298.202217

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -18.534248  -197.833738    -0.517821
-0.017007   -0.978984  -335.996816
 0.48404   -18.534248  -197.833738    -0.517821
-0.017007   -0.622140  -209.606598
 0.65603   -18.534248  -197.833738    -0.517821
-0.017007   -0.267807  -135.488829
 0.82801   -18.534248  -197.833738    -0.517821
-0.017007   -0.102046   -61.957880
 1.00000   -18.534248  -197.833738    -0.517821
-0.017007   -0.392431    -0.014607

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206    7.964736   68.508213    0.690932
0.018525    1.309115  340.100514
 0.48404    7.964736   68.508213    0.690932
0.018525    0.833166  303.835072
 0.65603    7.964736   68.508213    0.690932
0.018525    0.359981  295.225123
 0.82801    7.964736   68.508213    0.690932
0.018525    0.145745  321.175008
 1.00000    7.964736   68.508213    0.690932
0.018525    0.713059  366.704999
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 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -17.871386  -205.322422    -0.836401
-0.018363   -1.591160  -324.159815
 0.48404   -17.871386  -205.322422    -0.836401
-0.018363   -1.014779  -194.680981
 0.65603   -17.871386  -205.322422    -0.836401
-0.018363   -0.440806  -125.855125
 0.82801   -17.871386  -205.322422    -0.836401
-0.018363   -0.145836   -57.707204
 1.00000   -17.871386  -205.322422    -0.836401
-0.018363   -0.617388    -0.025227

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   11.987858   95.969321    0.419650
0.002398    0.800134  258.131184
 0.48404   11.987858   95.969321    0.419650
0.002398    0.511018  192.109770
 0.65603   11.987858   95.969321    0.419650
0.002398    0.221830  126.436632
 0.82801   11.987858   95.969321    0.419650
0.002398    0.078895   61.561351
 1.00000   11.987858   95.969321    0.419650
0.002398    0.437021    2.419184

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -0.415184   -5.806257    -0.518716
-0.002369   -0.991990  -15.460469
 0.48404   -0.415184   -5.806257    -0.518716
-0.002369   -0.634593  -11.516823
 0.65603   -0.415184   -5.806257    -0.518716
-0.002369   -0.276955   -7.898492
 0.82801   -0.415184   -5.806257    -0.518716
-0.002369   -0.067110   -6.512972
 1.00000   -0.415184   -5.806257    -0.518716
-0.002369   -0.356306  -11.532346

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   14.493240  116.175248    0.657448
0.017527    1.244577  439.885370
 0.48404   14.493240  116.175248    0.657448
0.017527    0.791684  368.895994
 0.65603   14.493240  116.175248    0.657448
0.017527    0.341256  323.535755
 0.82801   14.493240  116.175248    0.657448
0.017527    0.134523  311.359764
 1.00000   14.493240  116.175248    0.657448
0.017527    0.690028  303.534789

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -5.345995   -99.153131    -0.818782
-0.017419   -1.565538   -69.324679
 0.48404   -5.345995   -99.153131    -0.818782
-0.017419   -1.001300   -12.479771
 0.65603   -5.345995   -99.153131    -0.818782
-0.017419   -0.439509    -8.228625
 0.82801   -5.345995   -99.153131    -0.818782
-0.017419   -0.140511    -4.016114
 1.00000   -5.345995   -99.153131    -0.818782
-0.017419   -0.589532    -0.003811

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   13.790352  124.270251    0.758332
0.018338    1.436056  501.198167
 0.48404   13.790352  124.270251    0.758332
0.018338    0.913703  425.503741
 0.65603   13.790352  124.270251    0.758332
0.018338    0.394160  376.164972
 0.82801   13.790352  124.270251    0.758332
0.018338    0.157194  362.456120
 1.00000   13.790352  124.270251    0.758332
0.018338    0.800906  368.597554
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 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -11.930924  -148.709801    -0.947029
-0.018233   -1.808200  -175.991102
 0.48404   -11.930924  -148.709801    -0.947029
-0.018233   -1.155568   -85.685071
 0.65603   -11.930924  -148.709801    -0.947029
-0.018233   -0.505435   -48.777628
 0.82801   -11.930924  -148.709801    -0.947029
-0.018233   -0.158390   -14.672592
 1.00000   -11.930924  -148.709801    -0.947029
-0.018233   -0.676234    -0.003167

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206    7.567822   72.614568    0.494252
0.019613    0.940660  305.362997
 0.48404    7.567822   72.614568    0.494252
0.019613    0.600177  261.281539
 0.65603    7.567822   72.614568    0.494252
0.019613    0.259625  246.749076
 0.82801    7.567822   72.614568    0.494252
0.019613    0.086470  275.004805
 1.00000    7.567822   72.614568    0.494252
0.019613    0.412023  311.456550

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -12.778162  -167.204915    -0.485659
-0.019478   -0.926351  -181.143717
 0.48404   -12.778162  -167.204915    -0.485659
-0.019478   -0.591770   -98.458836
 0.65603   -12.778162  -167.204915    -0.485659
-0.019478   -0.257101   -64.407594
 0.82801   -12.778162  -167.204915    -0.485659
-0.019478   -0.112473   -33.660924
 1.00000   -12.778162  -167.204915    -0.485659
-0.019478   -0.438553   -10.348945

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   14.493240  124.270251    0.758332
0.018525    1.436056  501.198167
 0.48404   14.493240  124.270251    0.758332
0.018525    0.913703  425.503741
 0.65603   14.493240  124.270251    0.758332
0.018525    0.394160  376.164972
 0.82801   14.493240  124.270251    0.758332
0.018525    0.157194  362.456120
 1.00000   14.493240  124.270251    0.758332
0.018525    0.800906  368.597554

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -18.534248  -205.322422    -0.947029
-0.018363   -1.808200  -335.996816
 0.48404   -18.534248  -205.322422    -0.947029
-0.018363   -1.155568  -215.347780
 0.65603   -18.534248  -205.322422    -0.947029
-0.018363   -0.505435  -147.981333
 0.82801   -18.534248  -205.322422    -0.947029
-0.018363   -0.158390   -80.692102
 1.00000   -18.534248  -205.322422    -0.947029
-0.018363   -0.676234   -15.996832

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   14.493240  124.270251    0.758332
0.019613    1.436056  501.198167
 0.48404   14.493240  124.270251    0.758332
0.019613    0.913703  425.503741
 0.65603   14.493240  124.270251    0.758332
0.019613    0.394160  376.164972
 0.82801   14.493240  124.270251    0.758332
0.019613    0.157194  362.456120
 1.00000   14.493240  124.270251    0.758332
0.019613    0.800906  368.597554
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 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -18.534248  -205.322422    -0.947029
-0.019478   -1.808200  -335.996816
 0.48404   -18.534248  -205.322422    -0.947029
-0.019478   -1.155568  -215.347780
 0.65603   -18.534248  -205.322422    -0.947029
-0.019478   -0.505435  -147.981333
 0.82801   -18.534248  -205.322422    -0.947029
-0.019478   -0.158390   -80.692102
 1.00000   -18.534248  -205.322422    -0.947029
-0.019478   -0.676234   -15.996832

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   14.493240  124.270251    0.758332
0.019613    1.436056  501.198167
 0.48404   14.493240  124.270251    0.758332
0.019613    0.913703  425.503741
 0.65603   14.493240  124.270251    0.758332
0.019613    0.394160  376.164972
 0.82801   14.493240  124.270251    0.758332
0.019613    0.157194  362.456120
 1.00000   14.493240  124.270251    0.758332
0.019613    0.800906  368.597554

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31206   -18.534248  -205.322422    -0.947029
-0.019478   -1.808200  -335.996816
 0.48404   -18.534248  -205.322422    -0.947029
-0.019478   -1.155568  -215.347780
 0.65603   -18.534248  -205.322422    -0.947029
-0.019478   -0.505435  -147.981333
 0.82801   -18.534248  -205.322422    -0.947029
-0.019478   -0.158390   -80.692102
 1.00000   -18.534248  -205.322422    -0.947029
-0.019478   -0.676234   -15.996832

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 4.004664

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    0.349096    4.427558    0.148363
0.001846    0.125991    1.640544
 0.17197    0.349096    4.427558    0.148363
0.001846    0.023694   27.273005
 0.34393    0.349096    4.427558    0.148363
0.001846    0.073195   56.665290
 0.51590    0.349096    4.427558    0.148363
0.001846    0.170321   86.122994
 0.68786    0.349096    4.427558    0.148363
0.001846    0.267396  115.615204

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -6.095307  -42.940969    -0.140960
-0.001873   -0.120905  -10.350997
 0.17197   -6.095307  -42.940969    -0.140960
-0.001873   -0.023761   -4.997548
 0.34393   -6.095307  -42.940969    -0.140960
-0.001873   -0.078327   -5.797722
 0.51590   -6.095307  -42.940969    -0.140960
-0.001873   -0.180501   -8.765339
 0.68786   -6.095307  -42.940969    -0.140960
-0.001873   -0.282693  -11.784121

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    5.153142  107.154770    0.272078
0.018167    0.229430  262.236138
 0.17197    5.153142  107.154770    0.272078
0.018167    0.050339  214.241261
 0.34393    5.153142  107.154770    0.272078
0.018167    0.143816  178.456907
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 REL DIST          P          V2          V3
     T          M2          M3
 0.51590    5.153142  107.154770    0.272078
0.018167    0.334641  184.934985
 0.68786    5.153142  107.154770    0.272078
0.018167    0.525391  220.582468

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -7.975623  -59.439135    -0.276983
-0.018212   -0.259563   -0.016140
 0.17197   -7.975623  -59.439135    -0.276983
-0.018212   -0.079006   -3.040077
 0.34393   -7.975623  -59.439135    -0.276983
-0.018212   -0.145336   -6.413811
 0.51590   -7.975623  -59.439135    -0.276983
-0.018212   -0.332777   -9.793876
 0.68786   -7.975623  -59.439135    -0.276983
-0.018212   -0.520164  -62.379672

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.767078  132.700317    0.452458
0.019338    0.383399  310.867056
 0.17197    8.767078  132.700317    0.452458
0.019338    0.080256  272.802754
 0.34393    8.767078  132.700317    0.452458
0.019338    0.216904  244.872324
 0.51590    8.767078  132.700317    0.452458
0.019338    0.503007  260.177486
 0.68786    8.767078  132.700317    0.452458
0.019338    0.789033  305.299237

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -8.040010  -73.339238    -0.415332
-0.019375   -0.377510   -0.028449
 0.17197   -8.040010  -73.339238    -0.415332
-0.019375   -0.101745   -8.695480
 0.34393   -8.040010  -73.339238    -0.415332
-0.019375   -0.239764  -26.890307
 0.51590   -8.040010  -73.339238    -0.415332
-0.019375   -0.551478  -45.838422
 0.68786   -8.040010  -73.339238    -0.415332
-0.019375   -0.863084  -115.422519

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    6.175724   42.484842    0.286487
0.001990    0.245623    1.647935
 0.17197    6.175724   42.484842    0.286487
0.001990    0.048272    3.541855
 0.34393    6.175724   42.484842    0.286487
0.001990    0.132102    6.115075
 0.51590    6.175724   42.484842    0.286487
0.001990    0.304691    8.929100
 0.68786    6.175724   42.484842    0.286487
0.001990    0.477268   11.796014

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -0.344381   -4.208570    -0.250596
-0.001983   -0.213048  -10.083791
 0.17197   -0.344381   -4.208570    -0.250596
-0.001983   -0.040370  -30.980668
 0.34393   -0.344381   -4.208570    -0.250596
-0.001983   -0.148956  -59.626948
 0.51590   -0.344381   -4.208570    -0.250596
-0.001983   -0.346261  -88.381574
 0.68786   -0.344381   -4.208570    -0.250596
-0.001983   -0.543555  -117.426894

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.887665  150.561664    0.450241
0.018163    0.383236  262.561360
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 REL DIST          P          V2          V3
     T          M2          M3
 0.17197   11.887665  150.561664    0.450241
0.018163    0.081510  195.732857
 0.34393   11.887665  150.561664    0.450241
0.018163    0.206917  129.030865
 0.51590   11.887665  150.561664    0.450241
0.018163    0.477748  105.222534
 0.68786   11.887665  150.561664    0.450241
0.018163    0.748566  110.640712

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -1.177665  -15.450050    -0.393250
-0.018173   -0.356717   -0.004436
 0.17197   -1.177665  -15.450050    -0.393250
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-0.018173   -0.096012   -26.781491
 0.34393     -1.177665   -15.450050      -0.393250
-0.018173   -0.236927   -60.029439
 0.51590     -1.177665   -15.450050      -0.393250
-0.018173   -0.547094   -93.410204
 0.68786     -1.177665   -15.450050      -0.393250
-0.018173   -0.857157  -176.005426

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    11.704888    166.711143     0.503009
0.019553    0.427704   311.061586
 0.17197    11.704888    166.711143     0.503009
0.019553    0.089727   231.655932
 0.34393    11.704888    166.711143     0.503009
0.019553    0.249205   176.155876
 0.51590    11.704888    166.711143     0.503009
0.019553    0.577314   166.892835
 0.68786    11.704888    166.711143     0.503009
0.019553    0.905373   187.930118

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -4.761168   -39.155126     -0.476374
-0.019643   -0.429367   -0.004046
 0.17197    -4.761168   -39.155126     -0.476374
-0.019643   -0.111598   -25.379839
 0.34393    -4.761168   -39.155126     -0.476374
-0.019643   -0.265134   -56.829710
 0.51590    -4.761168   -39.155126     -0.476374
-0.019643   -0.611641   -88.403889
 0.68786    -4.761168   -39.155126     -0.476374
-0.019643   -0.958043  -174.339347

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.464860     6.042334     0.235323
0.002128    0.197394     2.453653
 0.17197     0.464860     6.042334     0.235323
0.002128    0.035931    57.112247
 0.34393     0.464860     6.042334     0.235323
0.002128    0.133379   122.995409
 0.51590     0.464860     6.042334     0.235323
0.002128    0.308967   189.740961
 0.68786     0.464860     6.042334     0.235323
0.002128    0.484479   256.801955

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -11.867787   -97.454883     -0.254775
-0.002238   -0.217252   -16.016362
 0.17197   -11.867787   -97.454883     -0.254775
-0.002238   -0.041522    -6.587112
 0.34393   -11.867787   -97.454883     -0.254775
-0.002238   -0.126942    -8.020777
 0.51590   -11.867787   -97.454883     -0.254775
-0.002238   -0.288786   -11.786873
 0.68786   -11.867787   -97.454883     -0.254775
-0.002238   -0.450942   -15.889118
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     5.098234    99.114896     0.430157
0.017119    0.361264   298.102727
 0.17197     5.098234    99.114896     0.430157
0.017119    0.075338   306.590629
 0.34393     5.098234    99.114896     0.430157
0.017119    0.252191   320.491809
 0.51590     5.098234    99.114896     0.430157
0.017119    0.589548   367.805012
 0.68786     5.098234    99.114896     0.430157
0.017119    0.929257   440.863705

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -14.498218  -118.318961     -0.492970
-0.017257   -0.453752   -0.012394
 0.17197   -14.498218  -118.318961     -0.492970
-0.017257   -0.115242   -4.047869
 0.34393   -14.498218  -118.318961     -0.492970
-0.017257   -0.234207   -8.489852
 0.51590   -14.498218  -118.318961     -0.492970
-0.017257   -0.527703  -12.981642
 0.68786   -14.498218  -118.318961     -0.492970
-0.017257   -0.824084   -70.864902

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    11.690094    147.389435     0.701060
0.018091    0.591452   366.592858
 0.17197    11.690094    147.389435     0.701060
0.018091    0.118918   359.310166
 0.34393    11.690094    147.389435     0.701060
0.018091    0.420574   373.887375
 0.51590    11.690094    147.389435     0.701060
0.018091    0.977175   424.720402
 0.68786    11.690094    147.389435     0.701060
0.018091    1.535987   502.106461

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -13.859469   -125.995958     -0.811084
-0.018156   -0.723101   -0.023194
 0.17197   -13.859469   -125.995958     -0.811084
-0.018156   -0.165000   -11.751428
 0.34393   -13.859469   -125.995958     -0.811084
-0.018156   -0.377119   -44.565976
 0.51590   -13.859469   -125.995958     -0.811084
-0.018156   -0.857224   -80.642859
 0.68786   -13.859469   -125.995958     -0.811084
-0.018156   -1.340138  -171.016903

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    12.059635    96.863625     0.428551
0.002442    0.368541    2.417618
 0.17197    12.059635    96.863625     0.428551
0.002442    0.073262    5.532123
 0.34393    12.059635    96.863625     0.428551
0.002442    0.277282    9.226424
 0.51590    12.059635    96.863625     0.428551
0.002442    0.632431   13.029954
 0.68786    12.059635    96.863625     0.428551
0.002442    0.987425   16.944140

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -0.419909    -5.827080     -0.515384
-0.002315   -0.431952   -11.552329
 0.17197    -0.419909    -5.827080     -0.515384
-0.002315   -0.075923   -74.316705
 0.34393    -0.419909    -5.827080     -0.515384
-0.002315   -0.221658  -140.570287
 0.51590    -0.419909    -5.827080     -0.515384
-0.002315   -0.516864  -206.893643
 0.68786    -0.419909    -5.827080     -0.515384
-0.002315   -0.811994  -273.511575
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    18.258669    195.627216     0.676035
0.017226    0.577482   303.434993
 0.17197    18.258669    195.627216     0.676035
0.017226    0.121229   235.007141
 0.34393    18.258669    195.627216     0.676035
0.017226    0.424269   181.750845
 0.51590    18.258669    195.627216     0.676035
0.017226    0.977230   162.471373
 0.68786    18.258669    195.627216     0.676035
0.017226    1.532499   168.637913

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.412370    -20.873603     -0.805934
-0.017111   -0.712319   -0.003815
 0.17197    -1.412370    -20.873603     -0.805934
-0.017111   -0.157357   -54.459955
 0.34393    -1.412370    -20.873603     -0.805934
-0.017111   -0.355808  -126.484066
 0.51590    -1.412370    -20.873603     -0.805934
-0.017111   -0.819155  -199.235849
 0.68786    -1.412370    -20.873603     -0.805934
-0.017111   -1.284716  -325.118752

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    17.531361    203.532577     0.773509
0.018467    0.656472   368.486429
 0.17197    17.531361    203.532577     0.773509
0.018467    0.134187   319.025051
 0.34393    17.531361    203.532577     0.773509
0.018467    0.484091   293.977396
 0.51590    17.531361    203.532577     0.773509
0.018467    1.119008   303.934844
 0.68786    17.531361    203.532577     0.773509
0.018467    1.756224   341.696936

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -7.934922    -69.768426     -0.924897
-0.018442   -0.816273   -0.003261
 0.17197    -7.934922    -69.768426     -0.924897
-0.018442   -0.179535   -51.011938
 0.34393    -7.934922    -69.768426     -0.924897
-0.018442   -0.411510  -117.932917
 0.51590    -7.934922    -69.768426     -0.924897
-0.018442   -0.941666  -185.687838
 0.68786    -7.934922    -69.768426     -0.924897
-0.018442   -1.474306  -315.130062

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    11.887665    166.711143     0.503009
0.019553    0.427704   311.061586
 0.17197    11.887665    166.711143     0.503009
0.019553    0.089727   272.802754
 0.34393    11.887665    166.711143     0.503009
0.019553    0.249205   244.872324
 0.51590    11.887665    166.711143     0.503009
0.019553    0.577314   260.177486
 0.68786    11.887665    166.711143     0.503009
0.019553    0.905373   305.299237

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -8.040010    -73.339238     -0.476374
-0.019643   -0.429367   -10.350997
 0.17197    -8.040010    -73.339238     -0.476374
-0.019643   -0.111598   -30.980668
 0.34393    -8.040010    -73.339238     -0.476374
-0.019643   -0.265134   -60.029439
 0.51590    -8.040010    -73.339238     -0.476374
-0.019643   -0.611641   -93.410204
 0.68786    -8.040010    -73.339238     -0.476374
-0.019643   -0.958043  -176.005426
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 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    18.258669    203.532577     0.773509
0.018467    0.656472   368.486429
 0.17197    18.258669    203.532577     0.773509
0.018467    0.134187   359.310166
 0.34393    18.258669    203.532577     0.773509
0.018467    0.484091   373.887375
 0.51590    18.258669    203.532577     0.773509
0.018467    1.119008   424.720402
 0.68786    18.258669    203.532577     0.773509
0.018467    1.756224   502.106461

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -14.498218   -125.995958     -0.924897
-0.018442   -0.816273   -16.016362
 0.17197   -14.498218   -125.995958     -0.924897
-0.018442   -0.179535   -74.316705
 0.34393   -14.498218   -125.995958     -0.924897
-0.018442   -0.411510  -140.570287
 0.51590   -14.498218   -125.995958     -0.924897
-0.018442   -0.941666  -206.893643
 0.68786   -14.498218   -125.995958     -0.924897
-0.018442   -1.474306  -325.118752

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    18.258669    203.532577     0.773509
0.019553    0.656472   368.486429
 0.17197    18.258669    203.532577     0.773509
0.019553    0.134187   359.310166
 0.34393    18.258669    203.532577     0.773509
0.019553    0.484091   373.887375
 0.51590    18.258669    203.532577     0.773509
0.019553    1.119008   424.720402
 0.68786    18.258669    203.532577     0.773509
0.019553    1.756224   502.106461

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -14.498218   -125.995958     -0.924897
-0.019643   -0.816273   -16.016362
 0.17197   -14.498218   -125.995958     -0.924897
-0.019643   -0.179535   -74.316705
 0.34393   -14.498218   -125.995958     -0.924897
-0.019643   -0.411510  -140.570287
 0.51590   -14.498218   -125.995958     -0.924897
-0.019643   -0.941666  -206.893643
 0.68786   -14.498218   -125.995958     -0.924897
-0.019643   -1.474306  -325.118752

 COMB   DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    18.258669    203.532577     0.773509
0.019553    0.656472   368.486429
 0.17197    18.258669    203.532577     0.773509
0.019553    0.134187   359.310166
 0.34393    18.258669    203.532577     0.773509
0.019553    0.484091   373.887375
 0.51590    18.258669    203.532577     0.773509
0.019553    1.119008   424.720402
 0.68786    18.258669    203.532577     0.773509
0.019553    1.756224   502.106461

 COMB   DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -14.498218   -125.995958     -0.924897
-0.019643   -0.816273   -16.016362
 0.17197   -14.498218   -125.995958     -0.924897
-0.019643   -0.179535   -74.316705
 0.34393   -14.498218   -125.995958     -0.924897
-0.019643   -0.411510  -140.570287
 0.51590   -14.498218   -125.995958     -0.924897
-0.019643   -0.941666  -206.893643
 0.68786   -14.498218   -125.995958     -0.924897
-0.019643   -1.474306  -325.118752
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 ELEM       91 ================== LENGTH =
 4.005461

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207     1.411528     7.088222     0.143278
0.002114    0.272789   14.386805
 0.48406     1.411528     7.088222     0.143278
0.002114    0.174073    9.585526
 0.65604     1.411528     7.088222     0.143278
0.002114    0.075378    4.959245
 0.82802     1.411528     7.088222     0.143278
0.002114    0.021013    1.714173
 1.00000     1.411528     7.088222     0.143278
0.002114    0.094303    0.895734

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207    -3.690863    -26.254984     -0.107643
-0.000712   -0.204230   -73.660642
 0.48406    -3.690863    -26.254984     -0.107643
-0.000712   -0.130079   -55.590300
 0.65604    -3.690863    -26.254984     -0.107643
-0.000712   -0.055927   -37.634020
 0.82802    -3.690863    -26.254984     -0.107643
-0.000712   -0.023049   -19.971232
 1.00000    -3.690863    -26.254984     -0.107643
-0.000712   -0.122023    -5.418362

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207     2.487185    27.441668     0.276052
0.015030    0.516488   100.978320
 0.48406     2.487185    27.441668     0.276052
0.015030    0.329099    84.437258
 0.65604     2.487185    27.441668     0.276052
0.015030    0.141831    87.092026
 0.82802     2.487185    27.441668     0.276052
0.015030    0.041973   143.955384
 1.00000     2.487185    27.441668     0.276052
0.015030    0.190459   200.869522

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207    -9.580828   -130.607763     -0.219733
-0.013830   -0.414902  -169.022406
 0.48406    -9.580828   -130.607763     -0.219733
-0.013830   -0.263508   -83.067033
 0.65604    -9.580828   -130.607763     -0.219733
-0.013830   -0.112034   -39.793455
 0.82802    -9.580828   -130.607763     -0.219733
-0.013830   -0.082771   -19.230461
 1.00000    -9.580828   -130.607763     -0.219733
-0.013830   -0.272058    .000000

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207     4.376967    40.432910     0.470347
0.015624    0.886008   142.603922
 0.48406     4.376967    40.432910     0.470347
0.015624    0.564821   117.331622
 0.65604     4.376967    40.432910     0.470347
0.015624    0.243742   111.804455
 0.82802     4.376967    40.432910     0.470347
0.015624    0.064663   162.548065
 1.00000     4.376967    40.432910     0.470347
0.015624    0.315002   227.238571

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207   -11.022369   -148.523278     -0.367510
-0.015581   -0.697549  -190.736544
 0.48406   -11.022369   -148.523278     -0.367510
-0.015581   -0.444360   -92.567843
 0.65604   -11.022369   -148.523278     -0.367510
-0.015581   -0.191089   -38.731015
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 REL DIST            P            V2           V3
    T          M2           M3
 0.82802   -11.022369   -148.523278     -0.367510
-0.015581   -0.115340   -17.669351
 1.00000   -11.022369   -148.523278     -0.367510
-0.015581   -0.438549    .000000

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207     3.723610    26.074056     0.303181
0.000786    0.577976   71.855630
 0.48406     3.723610    26.074056     0.303181
0.000786    0.369129   53.895882
 0.65604     3.723610    26.074056     0.303181
0.000786    0.160190   35.970491
 0.82802     3.723610    26.074056     0.303181
0.000786    0.040594   18.102194
 1.00000     3.723610    26.074056     0.303181
0.000786    0.218215    0.903195

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207    -1.376525    -7.050336     -0.257700
-0.002222   -0.491848   -24.675628
 0.48406    -1.376525    -7.050336     -0.257700
-0.002222   -0.314328   -19.830763
 0.65604    -1.376525    -7.050336     -0.257700
-0.002222   -0.136802   -15.025061
 0.82802    -1.376525    -7.050336     -0.257700
-0.002222   -0.048598   -10.254200
 1.00000    -1.376525    -7.050336     -0.257700
-0.002222   -0.257462    -5.669614

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207     4.743590    40.730469     0.481572
0.013605    0.908386   131.914464
 0.48406     4.743590    40.730469     0.481572
0.013605    0.579436   106.219485
 0.65604     4.743590    40.730469     0.481572
0.013605    0.250501   99.728182
 0.82802     4.743590    40.730469     0.481572
0.013605    0.063928   147.510802
 1.00000     4.743590    40.730469     0.481572
0.013605    0.328761   200.563026

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207    -7.378386   -116.848329     -0.388737
-0.015759   -0.742364  -124.098120
 0.48406    -7.378386   -116.848329     -0.388737
-0.015759   -0.474576   -47.594086
 0.65604    -7.378386   -116.848329     -0.388737
-0.015759   -0.206736   -13.762101
 0.82802    -7.378386   -116.848329     -0.388737
-0.015759   -0.115621    -2.873150
 1.00000    -7.378386   -116.848329     -0.388737
-0.015759   -0.446484    .000000

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207     5.854120    57.077312     0.531966
0.014914    1.001286   200.776230
 0.48406     5.854120    57.077312     0.531966
0.014914    0.637817   163.869632
 0.65604     5.854120    57.077312     0.531966
0.014914    0.275383   146.580850
 0.82802     5.854120    57.077312     0.531966
0.014914    0.074664   184.751673
 1.00000     5.854120    57.077312     0.531966
0.014914    0.378126   227.127853

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207    -9.476699   -131.950537     -0.444767
-0.016099   -0.847381  -157.793479
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 REL DIST            P            V2           V3
    T          M2           M3
 0.48406    -9.476699   -131.950537     -0.444767
-0.016099   -0.540989   -71.070875
 0.65604    -9.476699   -131.950537     -0.444767
-0.016099   -0.234451   -28.082282
 0.82802    -9.476699   -131.950537     -0.444767
-0.016099   -0.129430    -8.810280
 1.00000    -9.476699   -131.950537     -0.444767
-0.016099   -0.493498    .000000

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207     1.281465     7.434320     0.241057
0.002470    0.459247   17.270184
 0.48406     1.281465     7.434320     0.241057
0.002470    0.293317   12.236551
 0.65604     1.281465     7.434320     0.241057
0.002470    0.127686    7.283823
 0.82802     1.281465     7.434320     0.241057
0.002470    0.039306    2.726994
 1.00000     1.281465     7.434320     0.241057
0.002470    0.179447    1.272723

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31207    -6.376595    -45.120689     -0.204281
-0.000755   -0.383258  -128.778352
 0.48406    -6.376595    -45.120689     -0.204281
-0.000755   -0.242471   -97.757612
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 0.65604     -6.376595    -45.120689     -0.204281
-0.000755    -0.101615    -66.839181
 0.82802     -6.376595    -45.120689     -0.204281
-0.000755    -0.039439    -36.362356
 1.00000     -6.376595    -45.120689     -0.204281
-0.000755    -0.204999     -8.448746

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     2.487530     26.448437      0.454379
0.014279     0.841985     120.142598
  0.48406     2.487530     26.448437      0.454379
0.014279     0.533929     104.697955
  0.65604     2.487530     26.448437      0.454379
0.014279     0.226792     108.311781
  0.82802     2.487530     26.448437      0.454379
0.014279     0.078054     156.320720
  1.00000     2.487530     26.448437      0.454379
0.014279     0.354991     208.228960

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -12.060259   -139.101613     -0.410102
-0.012624    -0.774991    -217.989380
  0.48406    -12.060259   -139.101613     -0.410102
-0.012624    -0.492643    -124.455929
  0.65604    -12.060259   -139.101613     -0.410102
-0.012624    -0.210974    -65.362719
  0.82802    -12.060259   -139.101613     -0.410102
-0.012624    -0.115579    -30.576948
  1.00000    -12.060259   -139.101613     -0.410102
-0.012624    -0.427146     .000000

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     5.878509     48.977692      0.738701
0.014623     1.383873     198.937179
  0.48406     5.878509     48.977692      0.738701
0.014623     0.879945     168.563246
  0.65604     5.878509     48.977692      0.738701
0.014623     0.376922     158.083000
  0.82802     5.878509     48.977692      0.738701
0.014623     0.123891     195.196410
  1.00000     5.878509     48.977692      0.738701
0.014623     0.617245     242.724915
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 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -12.731238   -150.624641     -0.723475
-0.014291    -1.376008    -229.397346
  0.48406    -12.731238   -150.624641     -0.723475
-0.014291    -0.877732    -128.472109
  0.65604    -12.731238   -150.624641     -0.723475
-0.014291    -0.379980    -62.696346
  0.82802    -12.731238   -150.624641     -0.723475
-0.014291    -0.161140    -28.100037
  1.00000    -12.731238   -150.624641     -0.723475
-0.014291    -0.668721     .000000

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     6.429194     44.749528      0.447090
0.000869     0.855187     121.615018
  0.48406     6.429194     44.749528      0.447090
0.000869     0.547230     90.832701
  0.65604     6.429194     44.749528      0.447090
0.000869     0.239236     60.101467
  0.82802     6.429194     44.749528      0.447090
0.000869     0.077527     29.513513
  1.00000     6.429194     44.749528      0.447090
0.000869     0.424391     1.273523

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -1.238140     -7.274429     -0.502434
-0.002651    -0.959611    -23.719942
  0.48406    -1.238140     -7.274429     -0.502434
-0.002651    -0.613474    -18.781209
  0.65604    -1.238140     -7.274429     -0.502434
-0.002651    -0.267166    -13.899170
  0.82802    -1.238140     -7.274429     -0.502434
-0.002651    -0.068621     -9.147089
  1.00000    -1.238140     -7.274429     -0.502434
-0.002651    -0.376739     -6.701391

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     8.045868     61.937885      0.716370
0.012649     1.345966     218.303575
  0.48406     8.045868     61.937885      0.716370
0.012649     0.857379     178.420297
  0.65604     8.045868     61.937885      0.716370
0.012649     0.369628     157.634472
  0.82802     8.045868     61.937885      0.716370
0.012649     0.124793     181.372060
  1.00000     8.045868     61.937885      0.716370
0.012649     0.651307     210.355487

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -6.487443    -102.686246     -0.771577
-0.014965    -1.474522    -115.420116
  0.48406    -6.487443    -102.686246     -0.771577
-0.014965    -0.943129    -46.981479
  0.65604    -6.487443    -102.686246     -0.771577
-0.014965    -0.412312    -12.990910
  0.82802    -6.487443    -102.686246     -0.771577
-0.014965    -0.151612     -3.406038
  1.00000    -6.487443    -102.686246     -0.771577
-0.014965    -0.645056     .000000

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     8.646315     74.061539      0.817040
0.013843     1.532868     274.384798
  0.48406     8.646315     74.061539      0.817040
0.013843     0.975061     226.503516
  0.65604     8.646315     74.061539      0.817040
0.013843     0.418389     198.045479
  0.82802     8.646315     74.061539      0.817040
0.013843     0.140228     215.211037
  1.00000     8.646315     74.061539      0.817040
0.013843     0.723644     243.441280
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -9.950846   -125.577599     -0.854284
-0.014936    -1.630029    -166.165894
  0.48406    -9.950846   -125.577599     -0.854284
-0.014936    -1.041636    -82.369011
  0.65604    -9.950846   -125.577599     -0.854284
-0.014936    -0.453890    -33.396233
  0.82802    -9.950846   -125.577599     -0.854284
-0.014936    -0.174866    -10.050865
  1.00000    -9.950846   -125.577599     -0.854284
-0.014936    -0.735831     .000000

 COMB      DB ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     5.854120     57.077312      0.531966
0.015624     1.001286     200.776230
  0.48406     5.854120     57.077312      0.531966
0.015624     0.637817     163.869632
  0.65604     5.854120     57.077312      0.531966
0.015624     0.275383     146.580850
  0.82802     5.854120     57.077312      0.531966
0.015624     0.074664     184.751673
  1.00000     5.854120     57.077312      0.531966
0.015624     0.378126     227.238571

 COMB      DB ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -11.022369   -148.523278     -0.444767
-0.016099    -0.847381    -190.736544
  0.48406    -11.022369   -148.523278     -0.444767
-0.016099    -0.540989    -92.567843
  0.65604    -11.022369   -148.523278     -0.444767
-0.016099    -0.234451    -39.793455
  0.82802    -11.022369   -148.523278     -0.444767
-0.016099    -0.129430    -19.971232
  1.00000    -11.022369   -148.523278     -0.444767
-0.016099    -0.493498     -5.669614

 COMB      DL ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     8.646315     74.061539      0.817040
0.014623     1.532868     274.384798
  0.48406     8.646315     74.061539      0.817040
0.014623     0.975061     226.503516
  0.65604     8.646315     74.061539      0.817040
0.014623     0.418389     198.045479
  0.82802     8.646315     74.061539      0.817040
0.014623     0.140228     215.211037
  1.00000     8.646315     74.061539      0.817040
0.014623     0.723644     243.441280

 COMB      DL ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -12.731238   -150.624641     -0.854284
-0.014965    -1.630029    -229.397346
  0.48406    -12.731238   -150.624641     -0.854284
-0.014965    -1.041636    -128.472109
  0.65604    -12.731238   -150.624641     -0.854284
-0.014965    -0.453890    -66.839181
  0.82802    -12.731238   -150.624641     -0.854284
-0.014965    -0.174866    -36.362356
  1.00000    -12.731238   -150.624641     -0.854284
-0.014965    -0.735831     -8.448746

 COMB      CAR ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     8.646315     74.061539      0.817040
0.015624     1.532868     274.384798
  0.48406     8.646315     74.061539      0.817040
0.015624     0.975061     226.503516
  0.65604     8.646315     74.061539      0.817040
0.015624     0.418389     198.045479
  0.82802     8.646315     74.061539      0.817040
0.015624     0.140228     215.211037
  1.00000     8.646315     74.061539      0.817040
0.015624     0.723644     243.441280
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 COMB      CAR ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -12.731238   -150.624641     -0.854284
-0.016099    -1.630029    -229.397346
  0.48406    -12.731238   -150.624641     -0.854284
-0.016099    -1.041636    -128.472109
  0.65604    -12.731238   -150.624641     -0.854284
-0.016099    -0.453890    -66.839181
  0.82802    -12.731238   -150.624641     -0.854284
-0.016099    -0.174866    -36.362356
  1.00000    -12.731238   -150.624641     -0.854284
-0.016099    -0.735831     -8.448746

 COMB   DESIGN ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207     8.646315     74.061539      0.817040
0.015624     1.532868     274.384798
  0.48406     8.646315     74.061539      0.817040
0.015624     0.975061     226.503516
  0.65604     8.646315     74.061539      0.817040
0.015624     0.418389     198.045479
  0.82802     8.646315     74.061539      0.817040
0.015624     0.140228     215.211037
  1.00000     8.646315     74.061539      0.817040
0.015624     0.723644     243.441280

 COMB   DESIGN ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.31207    -12.731238   -150.624641     -0.854284
-0.016099    -1.630029    -229.397346
  0.48406    -12.731238   -150.624641     -0.854284
-0.016099    -1.041636    -128.472109
  0.65604    -12.731238   -150.624641     -0.854284
-0.016099    -0.453890    -66.839181
  0.82802    -12.731238   -150.624641     -0.854284
-0.016099    -0.174866    -36.362356
  1.00000    -12.731238   -150.624641     -0.854284
-0.016099    -0.735831     -8.448746

 ELEM      92 ================== LENGTH =
4.004448

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     1.401320     6.977729      0.143151
0.002097     0.121791     0.895586
  0.17196     1.401320     6.977729      0.143151
0.002097     0.023100     16.799461
  0.34392     1.401320     6.977729      0.143151
0.002097     0.056296     34.828372
  0.51589     1.401320     6.977729      0.143151
0.002097     0.130818     52.928200
  0.68785     1.401320     6.977729      0.143151
0.002097     0.206223     71.044381

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -3.683628    -26.310760     -0.110065
-0.000697    -0.096904    -5.413390
  0.17196    -3.683628    -26.310760     -0.110065
-0.000697    -0.021130    -10.008309
  0.34392    -3.683628    -26.310760     -0.110065
-0.000697    -0.075339    -14.723903
  0.51589    -3.683628    -26.310760     -0.110065
-0.000697    -0.173913    -19.473411
  0.68785    -3.683628    -26.310760     -0.110065
-0.000697    -0.272506    -24.261866

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     6.803957     116.912725      0.276978
0.015599     0.232686     200.509869
  0.17196     6.803957     116.912725      0.276978
0.015599     0.050042     145.635534
  0.34392     6.803957     116.912725      0.276978
0.015599     0.110024     98.028332
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 REL DIST            P            V2            V3
        T           M2           M3
  0.51589     6.803957     116.912725      0.276978
0.015599     0.260248     105.192933
  0.68785     6.803957     116.912725      0.276978
0.015599     0.410369     131.094950

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -5.041451    -40.950431     -0.217990
-0.013522    -0.210984     .000000
  0.17196    -5.041451    -40.950431     -0.217990
-0.013522    -0.075499    -2.593992
  0.34392    -5.041451    -40.950431     -0.217990
-0.013522    -0.149043    -13.470349
  0.51589    -5.041451    -40.950431     -0.217990
-0.013522    -0.339654    -47.498799
  0.68785    -5.041451    -40.950431     -0.217990
-0.013522    -0.530320    -124.281062

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     8.794661     131.798798      0.473818
0.016008     0.399677     226.876653
  0.17196     8.794661     131.798798      0.473818
0.016008     0.081640     182.822433
  0.34392     8.794661     131.798798      0.473818
0.016008     0.188443     144.759118
  0.51589     8.794661     131.798798      0.473818
0.016008     0.440426     162.669879
  0.68785     8.794661     131.798798      0.473818
0.016008     0.692304     199.717226

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -6.405241    -57.206217     -0.365762
-0.014908    -0.336535     .000000
  0.17196    -6.405241    -57.206217     -0.365762
-0.014908    -0.099508    -7.675980
  0.34392    -6.405241    -57.206217     -0.365762
-0.014908    -0.253110    -26.732694
  0.51589    -6.405241    -57.206217     -0.365762
-0.014908    -0.579310    -69.728570
  0.68785    -6.405241    -57.206217     -0.365762
-0.014908    -0.905519    -156.577450

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     3.731155     26.018871      0.306742
0.000778     0.262198     0.900675
  0.17196     3.731155     26.018871      0.306742
0.000778     0.050907     1.549171
  0.34392     3.731155     26.018871      0.306742
0.000778     0.136522     4.803257
  0.51589     3.731155     26.018871      0.306742
0.000778     0.314758     9.505422
  0.68785     3.731155     26.018871      0.306742
0.000778     0.492991     14.394473

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -1.385881     -7.160925     -0.258828
-0.002207    -0.219936     -5.662654
  0.17196    -1.385881     -7.160925     -0.258828
-0.002207    -0.041614    -18.379691
  0.34392    -1.385881     -7.160925     -0.258828
-0.002207    -0.160169    -35.863938
  0.51589    -1.385881     -7.160925     -0.258828
-0.002207    -0.371466    -53.650513
  0.68785    -1.385881     -7.160925     -0.258828
-0.002207    -0.582687    -71.545956

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     9.089838     130.388330      0.486986
0.013915     0.412247     200.205093
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 REL DIST            P            V2            V3
        T           M2           M3
  0.17196     9.089838     130.388330      0.486986
0.013915     0.084983     143.229274
  0.34392     9.089838     130.388330      0.486986
0.013915     0.202133     86.318101
  0.51589     9.089838     130.388330      0.486986
0.013915     0.466638     84.155853
  0.68785     9.089838     130.388330      0.486986
0.013915     0.731100     100.730913

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -2.868100     -27.387291     -0.384036
-0.015172    -0.347678     .000000
  0.17196    -2.868100     -27.387291     -0.384036
-0.015172    -0.097577    -17.331473
  0.34392    -2.868100     -27.387291     -0.384036
-0.015172    -0.258725    -37.688202
  0.51589    -2.868100     -27.387291     -0.384036
-0.015172    -0.593946    -80.977665
  0.68785    -2.868100     -27.387291     -0.384036
-0.015172    -0.929211    -167.023545

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     10.274004     148.396158      0.534336
0.015583     0.452367     226.767192
  0.17196     10.274004     148.396158      0.534336
0.015583     0.092631     161.281009
  0.34392     10.274004     148.396158      0.534336
0.015583     0.229593     110.531057
  0.51589     10.274004     148.396158      0.534336
0.015583     0.533709     116.715059
  0.68785     10.274004     148.396158      0.534336
0.015583     0.837727     142.163084

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -4.861347     -40.584533     -0.441483
-0.015688    -0.399751     .000000
  0.17196    -4.861347     -40.584533     -0.441483
-0.015688    -0.110578    -16.041790
  0.34392    -4.861347     -40.584533     -0.441483
-0.015688    -0.284971    -36.769680
  0.51589    -4.861347     -40.584533     -0.441483
-0.015688    -0.651643    -90.667584
  0.68785    -4.861347     -40.584533     -0.441483
-0.015688    -1.019513    -188.982644

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     1.271160     7.345635      0.228802
0.002420     0.192360     1.272628
  0.17196     1.271160     7.345635      0.228802
0.002420     0.035339     27.342387
  0.34392     1.271160     7.345635      0.228802
0.002420     0.105088     58.250502
  0.51589     1.271160     7.345635      0.228802
0.002420     0.248242     89.306464
  0.68785     1.271160     7.345635      0.228802
0.002420     0.391334     120.418125

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -6.363741     -45.249359     -0.207689
-0.000744    -0.180654     -8.457080
  0.17196    -6.363741     -45.249359     -0.207689
-0.000744    -0.038140     -9.030204
  0.34392    -6.363741     -45.249359     -0.207689
-0.000744    -0.123647    -13.826101
  0.51589    -6.363741     -45.249359     -0.207689
-0.000744    -0.280665    -18.758254
  0.68785    -6.363741     -45.249359     -0.207689
-0.000744    -0.438229    -23.752794
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     6.190978     102.866893      0.434675
0.014709     0.363118     208.164301
  0.17196     6.190978     102.866893      0.434675
0.014709     0.073388     178.890371
  0.34392     6.190978     102.866893      0.434675
0.014709     0.202754     155.718928
  0.51589     6.190978     102.866893      0.434675
0.014709     0.480255     177.252298
  0.68785     6.190978     102.866893      0.434675
0.014709     0.761057     217.663508

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -8.221929     -62.728564     -0.408082
-0.012486    -0.391079     .000000
  0.17196    -8.221929     -62.728564     -0.408082
-0.012486    -0.110910     -3.331470
  0.34392    -8.221929     -62.728564     -0.408082
-0.012486    -0.240101    -13.014245
  0.51589    -8.221929     -62.728564     -0.408082
-0.012486    -0.535803    -47.395546
  0.68785    -8.221929     -62.728564     -0.408082
-0.012486    -0.834722    -116.052412

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000     9.592928     125.288026      0.729746
0.014815     0.611056     242.655749
  0.17196     9.592928     125.288026      0.729746
0.014815     0.118409     213.419506
  0.34392     9.592928     125.288026      0.729746
0.014815     0.365881     196.375560
  0.51589     9.592928     125.288026      0.729746
0.014815     0.852908     225.344468
  0.68785     9.592928     125.288026      0.729746
0.014815     1.343151     273.572091

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
  0.00000    -8.917761     -74.638688     -0.712127
-0.013757    -0.646186     .000000
  0.17196    -8.917761     -74.638688     -0.712127
-0.013757    -0.156201     -8.744305
  0.34392    -8.917761     -74.638688     -0.712127
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-0.013757   -0.398584   -31.524149
 0.51589     -8.917761   -74.638688      -0.712127
-0.013757   -0.897363   -80.497525
 0.68785     -8.917761   -74.638688      -0.712127
-0.013757   -1.399589  -164.156354

  COMB DL-G2-1 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000      6.443766    44.616187     0.461118
0.000855     0.394203     1.265524
 0.17196      6.443766    44.616187     0.461118
0.000855     0.076581     2.497332
 0.34392      6.443766    44.616187     0.461118
0.000855     0.264443     6.971152
 0.51589      6.443766    44.616187     0.461118
0.000855     0.600673    11.870167
 0.68785      6.443766    44.616187     0.461118
0.000855     0.936753    16.857984

  COMB DL-G2-1 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     -1.248278    -7.337858     -0.487983
-0.002587   -0.406966    -6.707437
 0.17196     -1.248278    -7.337858     -0.487983
-0.002587   -0.069621    -33.532354
 0.34392     -1.248278    -7.337858     -0.487983
-0.002587   -0.240822    -63.620248
 0.51589     -1.248278    -7.337858     -0.487983
-0.002587   -0.558396    -94.179854
 0.68785     -1.248278    -7.337858     -0.487983
-0.002587   -0.875929   -124.834497
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  COMB DL-G2-2 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     11.789873    138.463814     0.728148
0.012746     0.616579     210.288834
 0.17196     11.789873    138.463814     0.728148
0.012746     0.123518     156.119645
 0.34392     11.789873    138.463814     0.728148
0.012746     0.396446     108.045282
 0.51589     11.789873    138.463814     0.728148
0.012746     0.908393     104.583565
 0.68785     11.789873    138.463814     0.728148
0.012746     1.423285     119.978994

  COMB DL-G2-2 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     -2.687599    -26.383198     -0.748105
-0.014422   -0.665040     .000000
 0.17196     -2.687599    -26.383198     -0.748105
-0.014422   -0.149811    -27.274392
 0.34392     -2.687599    -26.383198     -0.748105
-0.014422   -0.390363    -61.535805
 0.51589     -2.687599    -26.383198     -0.748105
-0.014422   -0.888146   -120.417570
 0.68785     -2.687599    -26.383198     -0.748105
-0.014422   -1.389318   -213.586520

  COMB DL-G2-3 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     12.364178    150.197947     0.818372
0.014286     0.689412     243.371369
 0.17196     12.364178    150.197947     0.818372
0.014286     0.134959     193.805967
 0.34392     12.364178    150.197947     0.818372
0.014286     0.435712     156.913842
 0.51589     12.364178    150.197947     0.818372
0.014286     1.006368     167.871746
 0.68785     12.364178    150.197947     0.818372
0.014286     1.579992     198.526766

  COMB DL-G2-3 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     -6.140761    -49.391378     -0.833340
-0.014693   -0.743057     .000000
 0.17196     -6.140761    -49.391378     -0.833340
-0.014693   -0.169127    -25.230811
 0.34392     -6.140761    -49.391378     -0.833340
-0.014693   -0.442546    -59.395035
 0.51589     -6.140761    -49.391378     -0.833340
-0.014693   -1.001802   -125.121181
 0.68785     -6.140761    -49.391378     -0.833340
-0.014693   -1.565101   -225.840086

  COMB      DB ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     10.274004    148.396158     0.534336
0.016008     0.452367     226.876653
 0.17196     10.274004    148.396158     0.534336
0.016008     0.092631     182.822433
 0.34392     10.274004    148.396158     0.534336
0.016008     0.229593     144.759118
 0.51589     10.274004    148.396158     0.534336
0.016008     0.533709     162.669879
 0.68785     10.274004    148.396158     0.534336
0.016008     0.837727     199.717226

  COMB      DB ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     -6.405241    -57.206217     -0.441483
-0.015688   -0.399751    -5.662654
 0.17196     -6.405241    -57.206217     -0.441483
-0.015688   -0.110578    -18.379691
 0.34392     -6.405241    -57.206217     -0.441483
-0.015688   -0.284971    -37.688202
 0.51589     -6.405241    -57.206217     -0.441483
-0.015688   -0.651643    -90.667584
 0.68785     -6.405241    -57.206217     -0.441483
-0.015688   -1.019513   -188.982644
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  COMB      DL ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     12.364178    150.197947     0.818372
0.014815     0.689412     243.371369
 0.17196     12.364178    150.197947     0.818372
0.014815     0.134959     213.419506
 0.34392     12.364178    150.197947     0.818372
0.014815     0.435712     196.375560
 0.51589     12.364178    150.197947     0.818372
0.014815     1.006368     225.344468
 0.68785     12.364178    150.197947     0.818372
0.014815     1.579992     273.572091

  COMB      DL ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     -8.917761    -74.638688     -0.833340
-0.014693   -0.743057    -8.457080
 0.17196     -8.917761    -74.638688     -0.833340
-0.014693   -0.169127    -33.532354
 0.34392     -8.917761    -74.638688     -0.833340
-0.014693   -0.442546    -63.620248
 0.51589     -8.917761    -74.638688     -0.833340
-0.014693   -1.001802   -125.121181
 0.68785     -8.917761    -74.638688     -0.833340
-0.014693   -1.565101   -225.840086

  COMB      CAR ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     12.364178    150.197947     0.818372
0.016008     0.689412     243.371369
 0.17196     12.364178    150.197947     0.818372
0.016008     0.134959     213.419506
 0.34392     12.364178    150.197947     0.818372
0.016008     0.435712     196.375560
 0.51589     12.364178    150.197947     0.818372
0.016008     1.006368     225.344468
 0.68785     12.364178    150.197947     0.818372
0.016008     1.579992     273.572091

  COMB      CAR ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     -8.917761    -74.638688     -0.833340
-0.015688   -0.743057    -8.457080
 0.17196     -8.917761    -74.638688     -0.833340
-0.015688   -0.169127    -33.532354
 0.34392     -8.917761    -74.638688     -0.833340
-0.015688   -0.442546    -63.620248
 0.51589     -8.917761    -74.638688     -0.833340
-0.015688   -1.001802   -125.121181
 0.68785     -8.917761    -74.638688     -0.833340
-0.015688   -1.565101   -225.840086

  COMB  DESIGN ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     12.364178    150.197947     0.818372
0.016008     0.689412     243.371369
 0.17196     12.364178    150.197947     0.818372
0.016008     0.134959     213.419506
 0.34392     12.364178    150.197947     0.818372
0.016008     0.435712     196.375560
 0.51589     12.364178    150.197947     0.818372
0.016008     1.006368     225.344468
 0.68785     12.364178    150.197947     0.818372
0.016008     1.579992     273.572091

  COMB  DESIGN ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.00000     -8.917761    -74.638688     -0.833340
-0.015688   -0.743057    -8.457080
 0.17196     -8.917761    -74.638688     -0.833340
-0.015688   -0.169127    -33.532354
 0.34392     -8.917761    -74.638688     -0.833340
-0.015688   -0.442546    -63.620248
 0.51589     -8.917761    -74.638688     -0.833340
-0.015688   -1.001802   -125.121181
 0.68785     -8.917761    -74.638688     -0.833340
-0.015688   -1.565101   -225.840086
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ELEM        93 ================== LENGTH =
4.004274

  COMB DB-G1-1 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      4.189849    25.549753     0.141201
0.002261     0.268775    65.294979
 0.48412      4.189849    25.549753     0.141201
0.002261     0.171539    47.713095
 0.65608      4.189849    25.549753     0.141201
0.002261     0.074326    30.155034
 0.82804      4.189849    25.549753     0.141201
0.002261     0.017620    12.706807
 1.00000      4.189849    25.549753     0.141201
0.002261     0.090152    0.929637

  COMB DB-G1-1 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -1.808423    -22.310972     -0.105325
-3.61E-05   -0.199961    -62.415654
 0.48412     -1.808423    -22.310972     -0.105325
-3.61E-05   -0.127447    -47.056794
 0.65608     -1.808423    -22.310972     -0.105325
-3.61E-05   -0.054937    -31.757282
 0.82804     -1.808423    -22.310972     -0.105325
-3.61E-05   -0.022648    -16.785536
 1.00000     -1.808423    -22.310972     -0.105325
-3.61E-05   -0.120127    -5.372078

  COMB DB-G1-2 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      5.957232    49.345294     0.288393
0.015337     0.514193    163.308446
 0.48412      5.957232    49.345294     0.288393
0.015337     0.327289    131.511517
 0.65608      5.957232    49.345294     0.288393
0.015337     0.140522    121.304772
 0.82804      5.957232    49.345294     0.288393
0.015337     0.030909    162.996924
 1.00000      5.957232    49.345294     0.288393
0.015337     0.150485    204.705322

  COMB DB-G1-2 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -7.187975   -126.153751     -0.177185
-0.012887   -0.337558    -154.169581
 0.48412     -7.187975   -126.153751     -0.177185
-0.012887   -0.215587    -72.346207
 0.65608     -7.187975   -126.153751     -0.177185
-0.012887   -0.093581    -33.622289
 0.82804     -7.187975   -126.153751     -0.177185
-0.012887   -0.086968    -16.255411
 1.00000     -7.187975   -126.153751     -0.177185
-0.012887   -0.283923    -0.008365

  COMB DB-G1-3 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      6.428311    57.779611     0.492500
0.015580     0.901799    191.349638
 0.48412      6.428311    57.779611     0.492500
0.015580     0.574599    153.904318
 0.65608      6.428311    57.779611     0.492500
0.015580     0.247598    138.721480
 0.82804      6.428311    57.779611     0.492500
0.015580     0.055114    177.090833
 1.00000      6.428311    57.779611     0.492500
0.015580     0.281213    231.929662

  COMB DB-G1-3 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -10.520495   -156.937791     -0.331780
-0.014851   -0.632612    -210.278735
 0.48412     -10.520495   -156.937791     -0.331780
-0.014851   -0.404192    -107.369854
 0.65608     -10.520495   -156.937791     -0.331780
-0.014851   -0.175727    -48.646456
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  REL DIST            P            V2            V3
     T            M2           M3
 0.82804     -10.520495   -156.937791     -0.331780
-0.014851   -0.120562    -14.687760
 1.00000     -10.520495   -156.937791     -0.331780
-0.014851   -0.458566    -0.010926

  COMB DB-G2-1 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      1.837890    22.214102     0.316067
0.000245     0.603129    61.519199
 0.48412      1.837890    22.214102     0.316067
0.000245     0.385527    46.224874
 0.65608      1.837890    22.214102     0.316067
0.000245     0.167851    30.946720
 0.82804      1.837890    22.214102     0.316067
0.000245     0.041635    15.740309
 1.00000      1.837890    22.214102     0.316067
0.000245     0.223333    1.058232

  COMB DB-G2-1 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -4.245754    -25.591902     -0.263705
-0.002389   -0.502962    -76.278461
 0.48412     -4.245754    -25.591902     -0.263705
-0.002389   -0.321382    -58.667310
 0.65608     -4.245754    -25.591902     -0.263705
-0.002389   -0.139798    -41.094392
 0.82804     -4.245754    -25.591902     -0.263705
-0.002389   -0.049843    -23.553417
 1.00000     -4.245754    -25.591902     -0.263705
-0.002389   -0.267457    -6.206165

  COMB DB-G2-2 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      2.647237    35.704796     0.512377
0.013091     0.941802    119.039613
 0.48412      2.647237    35.704796     0.512377
0.013091     0.600684    96.617124
 0.65608      2.647237    35.704796     0.512377
0.013091     0.259655    95.792828
 0.82804      2.647237    35.704796     0.512377
0.013091     0.061344    146.871450
 1.00000      2.647237    35.704796     0.512377
0.013091     0.317815    203.685527

  COMB DB-G2-2 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -10.565964   -139.542428     -0.375807
-0.015803   -0.717261    -183.695608
 0.48412     -10.565964   -139.542428     -0.375807
-0.015803   -0.458526    -92.648109
 0.65608     -10.565964   -139.542428     -0.375807
-0.015803   -0.199739    -44.699873
 0.82804     -10.565964   -139.542428     -0.375807
-0.015803   -0.120513    -18.043059
 1.00000     -10.565964   -139.542428     -0.375807
-0.015803   -0.473245    .000000

  COMB DB-G2-3 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      5.820068    64.768377     0.557661
0.014560     1.027057    224.275361
 0.48412      5.820068    64.768377     0.557661
0.014560     0.655016    181.876372
 0.65608      5.820068    64.768377     0.557661
0.014560     0.283066    161.558893
 0.82804      5.820068    64.768377     0.557661
0.014560     0.067564    194.282744
 1.00000      5.820068    64.768377     0.557661
0.014560     0.345030    231.549918

  COMB DB-G2-3 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -11.194541   -150.066980     -0.406193
-0.015768   -0.773692    -205.338845
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  REL DIST            P            V2            V3
     T            M2           M3
 0.48412     -11.194541   -150.066980     -0.406193
-0.015768   -0.493978    -107.281888
 0.65608     -11.194541   -150.066980     -0.406193
-0.015768   -0.214264    -53.371766
 0.82804     -11.194541   -150.066980     -0.406193
-0.015768   -0.136800    -21.540214
 1.00000     -11.194541   -150.066980     -0.406193
-0.015768   -0.517686    .000000

  COMB DL-G1-1 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      3.436404    23.685187     0.226575
0.002605     0.429123    60.581136
 0.48412      3.436404    23.685187     0.226575
0.002605     0.273162    44.317446
 0.65608      3.436404    23.685187     0.226575
0.002605     0.117307    28.116735
 0.82804      3.436404    23.685187     0.226575
0.002605     0.030833    12.202128
 1.00000      3.436404    23.685187     0.226575
0.002605     0.146836    1.313958

  COMB DL-G1-1 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -2.854558    -32.327226     -0.167712
-3.54E-05   -0.314804    -91.699363
 0.48412     -2.854558    -32.327226     -0.167712
-3.54E-05   -0.199261    -69.481183
 0.65608     -2.854558    -32.327226     -0.167712
-3.54E-05   -0.083655    -47.327612
 0.82804     -2.854558    -32.327226     -0.167712
-3.54E-05   -0.039476    -25.490012
 1.00000     -2.854558    -32.327226     -0.167712
-3.54E-05   -0.194823    -8.168969

  COMB DL-G1-2 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      5.104532    46.399436     0.442553
0.014657     0.801669    179.762447
 0.48412      5.104532    46.399436     0.442553
0.014657     0.506627    150.623045
 0.65608      5.104532    46.399436     0.442553
0.014657     0.212276    141.817348
 0.82804      5.104532    46.399436     0.442553
0.014657     0.061997    175.980532
 1.00000      5.104532    46.399436     0.442553
0.014657     0.283824    212.512660

  COMB DL-G1-2 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -7.800132   -125.077802     -0.331199
-0.011794   -0.628951    -178.614452
 0.48412     -7.800132   -125.077802     -0.331199
-0.011794   -0.400756    -94.960357
 0.65608     -7.800132   -125.077802     -0.331199
-0.011794   -0.172528    -47.261981
 0.82804     -7.800132   -125.077802     -0.331199
-0.011794   -0.119211    -22.195915
 1.00000     -7.800132   -125.077802     -0.331199
-0.011794   -0.420406    -0.005983

  COMB DL-G1-3 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      6.303636    60.523805     0.736268
0.014549     1.362108    230.750690
 0.48412      6.303636    60.523805     0.736268
0.014549     0.864853    192.359988
 0.65608      6.303636    60.523805     0.736268
0.014549     0.368201    174.814614
 0.82804      6.303636    60.523805     0.736268
0.014549     0.105570    203.619092
 1.00000      6.303636    60.523805     0.736268
0.014549     0.532310    247.959769
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  COMB DL-G1-3 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -10.287794   -150.133644     -0.627981
-0.013650   -1.197630    -221.915661
 0.48412     -10.287794   -150.133644     -0.627981
-0.013650   -0.765026    -121.437045
 0.65608     -10.287794   -150.133644     -0.627981
-0.013650   -0.332232    -57.404476
 0.82804     -10.287794   -150.133644     -0.627981
-0.013650   -0.165080    -20.117386
 1.00000     -10.287794   -150.133644     -0.627981
-0.013650   -0.668933    -0.007633

  COMB DL-G2-1 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      2.893099    32.176835     0.459164
0.000256     0.879897    88.239673
 0.48412      2.893099    32.176835     0.459164
0.000256     0.563734    66.117234
 0.65608      2.893099    32.176835     0.459164
0.000256     0.247569    44.023449
 0.82804      2.893099    32.176835     0.459164
0.000256     0.072540    22.012696
 1.00000      2.893099    32.176835     0.459164
0.000256     0.399480    1.432483

  COMB DL-G2-1 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217     -3.483743    -23.688277     -0.473483
-0.002815   -0.904121    -70.783850
 0.48412     -3.483743    -23.688277     -0.473483
-0.002815   -0.578048    -54.514687
 0.65608     -3.483743    -23.688277     -0.473483
-0.002815   -0.251788    -38.283951
 0.82804     -3.483743    -23.688277     -0.473483
-0.002815   -0.068598    -22.116776
 1.00000     -3.483743    -23.688277     -0.473483
-0.002815   -0.384788    -7.395244

  COMB DL-G2-2 ------------------- MAX

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      4.002721    47.475551     0.736923
0.011991     1.372298    178.442321
 0.48412      4.002721    47.475551     0.736923
0.011991     0.874775    148.557239
 0.65608      4.002721    47.475551     0.736923
0.011991     0.377336    139.031198
 0.82804      4.002721    47.475551     0.736923
0.011991     0.113830    172.497742
 1.00000      4.002721    47.475551     0.736923
0.011991     0.595213    213.574059

  COMB DL-G2-2 ------------------- MIN

  REL DIST            P            V2            V3
     T            M2           M3
 0.31217      -8.971025   -123.502867     -0.707242
-0.015165   -1.353144    -168.430373
 0.48412      -8.971025   -123.502867     -0.707242
-0.015165   -0.866010    -85.860954
 0.65608      -8.971025   -123.502867     -0.707242
-0.015165   -0.378584    -39.264345
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 0.82804     -8.971025  -123.502867     -0.707242
-0.015165    -0.153977   -15.307074
 1.00000     -8.971025  -123.502867     -0.707242
-0.015165    -0.660438     .000000

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217     6.473990    72.936665    0.824463
0.013392    1.532761   276.510652
 0.48412     6.473990    72.936665    0.824463
0.013392    0.975030   229.434804
 0.65608     6.473990    72.936665    0.824463
0.013392    0.417470   203.231895
 0.82804     6.473990    72.936665    0.824463
0.013392    0.123125   220.699097
 1.00000     6.473990    72.936665    0.824463
0.013392    0.638654   248.265698
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 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217    -10.182185  -137.889613    -0.756570
-0.014808    -1.445519  -199.611278
 0.48412    -10.182185  -137.889613    -0.756570
-0.014808    -0.924386  -107.533478
 0.65608    -10.182185  -137.889613    -0.756570
-0.014808    -0.403047   -51.958899
 0.82804    -10.182185  -137.889613    -0.756570
-0.014808    -0.177897   -19.859601
 1.00000    -10.182185  -137.889613    -0.756570
-0.014808    -0.743549     .000000

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217     6.428311    64.768377    0.557661
0.015580    1.027057   224.275361
 0.48412     6.428311    64.768377    0.557661
0.015580    0.655016   181.876372
 0.65608     6.428311    64.768377    0.557661
0.015580    0.283066   161.558893
 0.82804     6.428311    64.768377    0.557661
0.015580    0.067564   194.282744
 1.00000     6.428311    64.768377    0.557661
0.015580    0.345030   231.929662

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217    -11.194541  -156.937791    -0.406193
-0.015803    -0.773692  -210.278735
 0.48412    -11.194541  -156.937791    -0.406193
-0.015803    -0.493978  -107.369854
 0.65608    -11.194541  -156.937791    -0.406193
-0.015803    -0.214264   -53.371766
 0.82804    -11.194541  -156.937791    -0.406193
-0.015803    -0.136800   -23.553417
 1.00000    -11.194541  -156.937791    -0.406193
-0.015803    -0.517686    -6.206165

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217     6.473990    72.936665    0.824463
0.014657    1.532761   276.510652
 0.48412     6.473990    72.936665    0.824463
0.014657    0.975030   229.434804
 0.65608     6.473990    72.936665    0.824463
0.014657    0.417470   203.231895
 0.82804     6.473990    72.936665    0.824463
0.014657    0.123125   220.699097
 1.00000     6.473990    72.936665    0.824463
0.014657    0.638654   248.265698

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217    -10.287794  -150.133644    -0.756570
-0.015165    -1.445519  -221.915661
 0.48412    -10.287794  -150.133644    -0.756570
-0.015165    -0.924386  -121.437045
 0.65608    -10.287794  -150.133644    -0.756570
-0.015165    -0.403047   -57.404476
 0.82804    -10.287794  -150.133644    -0.756570
-0.015165    -0.177897   -25.490012
 1.00000    -10.287794  -150.133644    -0.756570
-0.015165    -0.743549    -8.168969

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217     6.473990    72.936665    0.824463
0.015580    1.532761   276.510652
 0.48412     6.473990    72.936665    0.824463
0.015580    0.975030   229.434804
 0.65608     6.473990    72.936665    0.824463
0.015580    0.417470   203.231895
 0.82804     6.473990    72.936665    0.824463
0.015580    0.123125   220.699097
 1.00000     6.473990    72.936665    0.824463
0.015580    0.638654   248.265698
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 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217    -11.194541  -156.937791    -0.756570
-0.015803    -1.445519  -221.915661
 0.48412    -11.194541  -156.937791    -0.756570
-0.015803    -0.924386  -121.437045
 0.65608    -11.194541  -156.937791    -0.756570
-0.015803    -0.403047   -57.404476
 0.82804    -11.194541  -156.937791    -0.756570
-0.015803    -0.177897   -25.490012
 1.00000    -11.194541  -156.937791    -0.756570
-0.015803    -0.743549    -8.168969

 COMB   DESIGN ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217     6.473990    72.936665    0.824463
0.015580    1.532761   276.510652
 0.48412     6.473990    72.936665    0.824463
0.015580    0.975030   229.434804
 0.65608     6.473990    72.936665    0.824463
0.015580    0.417470   203.231895
 0.82804     6.473990    72.936665    0.824463
0.015580    0.123125   220.699097
 1.00000     6.473990    72.936665    0.824463
0.015580    0.638654   248.265698

 COMB   DESIGN ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.31217    -11.194541  -156.937791    -0.756570
-0.015803    -1.445519  -221.915661
 0.48412    -11.194541  -156.937791    -0.756570
-0.015803    -0.924386  -121.437045
 0.65608    -11.194541  -156.937791    -0.756570
-0.015803    -0.403047   -57.404476
 0.82804    -11.194541  -156.937791    -0.756570
-0.015803    -0.177897   -25.490012
 1.00000    -11.194541  -156.937791    -0.756570
-0.015803    -0.743549    -8.168969

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4.005273

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000     4.174048    25.496907    0.140701
0.002251    0.119661    0.929599
 0.17198     4.174048    25.496907    0.140701
0.002251    0.022432   14.375983
 0.34396     4.174048    25.496907    0.140701
0.002251    0.055043    29.644276
 0.51593     4.174048    25.496907    0.140701
0.002251    0.127357    44.974668
 0.68791     4.174048    25.496907    0.140701
0.002251    0.199670    60.320858

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -1.798082   -22.284212    -0.104992
-2.34E-05    -0.089639    -5.361684
 0.17198    -1.798082   -22.284212    -0.104992
-2.34E-05    -0.017241   -22.692155
 0.34396    -1.798082   -22.284212    -0.104992
-2.34E-05    -0.074163   -40.171901
 0.51593    -1.798082   -22.284212    -0.104992
-2.34E-05    -0.171075   -57.685181
 0.68791    -1.798082   -22.284212    -0.104992
-2.34E-05    -0.268008   -75.236648

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    10.380323   139.471332    0.274640
0.015606    0.234086   204.378534
 0.17198    10.380323   139.471332    0.274640
0.015606    0.050689   144.974749
 0.34396    10.380323   139.471332    0.274640
0.015606    0.089711    93.915111
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 REL DIST          P          V2          V3
     T          M2          M3
 0.51593    10.380323   139.471332    0.274640
0.015606    0.207797    95.342147
 0.68791    10.380323   139.471332    0.274640
0.015606    0.325947   117.859921

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -2.720906   -35.741086    -0.171531
-0.012814    -0.166654    -0.006081
 0.17198    -2.720906   -35.741086    -0.171531
-0.012814    -0.064723   -17.057131
 0.34396    -2.720906   -35.741086    -0.171531
-0.012814    -0.149577   -43.667055
 0.51593    -2.720906   -35.741086    -0.171531
-0.012814    -0.338671   -91.757407
 0.68791    -2.720906   -35.741086    -0.171531
-0.012814    -0.527847  -183.059870

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    10.958370   149.902413    0.478234
0.015589    0.404910   231.606053
 0.17198    10.958370   149.902413    0.478234
0.015589    0.081631   192.007936
 0.34396    10.958370   149.902413    0.478234
0.015589    0.171351   159.297797
 0.51593    10.958370   149.902413    0.478234
0.015589    0.395547   180.212840
 0.68791    10.958370   149.902413    0.478234
0.015589    0.619799   222.681939

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -5.978906   -64.769830    -0.325565
-0.014384    -0.297633    -0.008964
 0.17198    -5.978906   -64.769830    -0.325565
-0.014384    -0.089854   -19.862421
 0.34396    -5.978906   -64.769830    -0.325565
-0.014384    -0.259362   -51.532206
 0.51593    -5.978906   -64.769830    -0.325565
-0.014384    -0.588709  -105.541071
 0.68791    -5.978906   -64.769830    -0.325565
-0.014384    -0.918104  -203.799160

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000     1.847611    22.237959    0.315434
0.000207    0.267288    1.047305
 0.17198     1.847611    22.237959    0.315434
0.000207    0.050025   12.027576
 0.34396     1.847611    22.237959    0.315434
0.000207    0.139346   29.516120
 0.51593     1.847611    22.237959    0.315434
0.000207    0.320619   47.144241
 0.68791     1.847611    22.237959    0.315434
0.000207    0.501886    64.796189

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -4.259921   -25.642532    -0.263157
-0.002338    -0.223181    -6.193691
 0.17198    -4.259921   -25.642532    -0.263157
-0.002338    -0.041813   -15.387068
 0.34396    -4.259921   -25.642532    -0.263157
-0.002338    -0.167228   -30.299491
 0.51593    -4.259921   -25.642532    -0.263157
-0.002338    -0.384548   -45.545299
 0.68791    -4.259921   -25.642532    -0.263157
-0.002338    -0.601825   -60.856293

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000     7.109930   126.044716    0.498430
0.012858    0.422400   203.362254
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 REL DIST          P          V2          V3
     T          M2          M3
 0.17198     7.109930   126.044716    0.498430
0.012858    0.085013   161.645674
 0.34396     7.109930   126.044716    0.498430
0.012858    0.195746   119.945487
 0.51593     7.109930   126.044716    0.498430
0.012858    0.450591   130.744825
 0.68791     7.109930   126.044716    0.498430
0.012858    0.705484   162.655660

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -6.135288   -49.344139    -0.370049
-0.015483    -0.334063     .000000
 0.17198    -6.135288   -49.344139    -0.370049
-0.015483    -0.095259   -14.593515
 0.34396    -6.135288   -49.344139    -0.370049
-0.015483    -0.269565   -31.867720
 0.51593    -6.135288   -49.344139    -0.370049
-0.015483    -0.612846   -70.700278
 0.68791    -6.135288   -49.344139    -0.370049
-0.015483    -0.956155  -152.753246

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    10.354536   156.862227    0.543508
0.014740    0.460958   231.228054
 0.17198    10.354536   156.862227    0.543508
0.014740    0.092592   175.254814
 0.34396    10.354536   156.862227    0.543508
0.014740    0.209959   136.856895
 0.51593    10.354536   156.862227    0.543508
0.014740    0.485897   152.672739
 0.68791    10.354536   156.862227    0.543508
0.014740    0.761845   190.302505

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -6.656586   -57.869212    -0.400619
-0.015651    -0.362383     .000000
 0.17198    -6.656586   -57.869212    -0.400619
-0.015651    -0.102998   -13.306943
 0.34396    -6.656586   -57.869212    -0.400619
-0.015651    -0.293219   -46.597580
 0.51593    -6.656586   -57.869212    -0.400619
-0.015651    -0.667556  -105.448834
 0.68791    -6.656586   -57.869212    -0.400619
-0.015651    -1.041911  -208.623538

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000     3.420172    23.635317    0.214291
0.002605    0.181894    1.313970
 0.17198     3.420172    23.635317    0.214291
0.002605    0.034662   20.015480
 0.34396     3.420172    23.635317    0.214291
0.002605    0.086225   42.092307
 0.51593     3.420172    23.635317    0.214291
0.002605    0.202819   64.265274
 0.68791     3.420172    23.635317    0.214291
0.002605    0.319346   86.466387

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -2.834504   -32.279159    -0.169093
-2.35E-05    -0.146316    -8.168781
 0.17198    -2.834504   -32.279159    -0.169093
-2.35E-05    -0.029408   -21.399580
 0.34396    -2.834504   -32.279159    -0.169093
-2.35E-05    -0.113597   -37.515502
 0.51593    -2.834504   -32.279159    -0.169093
-2.35E-05    -0.260938   -53.720296
 0.68791    -2.834504   -32.279159    -0.169093
-2.35E-05    -0.408593   -69.965209
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 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000     8.867434   123.450642    0.411158
0.014874    0.348785   212.463902
 0.17198     8.867434   123.450642    0.411158
0.014874    0.071942   170.114337
 0.34396     8.867434   123.450642    0.411158
0.014874    0.164058   136.858358
 0.51593     8.867434   123.450642    0.411158
0.014874    0.386165   146.703353
 0.68791     8.867434   123.450642    0.411158
0.014874    0.608284   176.748604

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -3.996965   -47.659756    -0.325260
-0.011718    -0.316224    -0.004347
 0.17198    -3.996965   -47.659756    -0.325260
-0.011718    -0.094483   -14.587588
 0.34396    -3.996965   -47.659756    -0.325260
-0.011718    -0.229146   -38.529532
 0.51593    -3.996965   -47.659756    -0.325260
-0.011718    -0.509472   -85.362641
 0.68791    -3.996965   -47.659756    -0.325260
-0.011718    -0.790605  -168.018612

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    10.085817   137.647107    0.709573
0.014543    0.595299   247.911638
 0.17198    10.085817   137.647107    0.709573
0.014543    0.113192   218.555151
 0.34396    10.085817   137.647107    0.709573
0.014543    0.318872   201.269166
 0.51593    10.085817   137.647107    0.709573
0.014543    0.739430   227.674321
 0.68791    10.085817   137.647107    0.709573
0.014543    1.160000   274.794002

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -6.513408   -73.064607    -0.613232
-0.013237    -0.557684    -0.005939
 0.17198    -6.513408   -73.064607    -0.613232
-0.013237    -0.137130   -18.225824
 0.34396    -6.513408   -73.064607    -0.613232
-0.013237    -0.393830   -50.201006
 0.51593    -6.513408   -73.064607    -0.613232
-0.013237    -0.879724  -105.777440
 0.68791    -6.513408   -73.064607    -0.613232
-0.013237    -1.366413  -197.763857

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000     2.913369    32.218441    0.464715
0.000183    0.392475    1.421092
 0.17198     2.913369    32.218441    0.464715
0.000183    0.072320   11.602968
 0.34396     2.913369    32.218441    0.464715
0.000183    0.249222   27.546005
 0.51593     2.913369    32.218441    0.464715
0.000183    0.566146   43.739204
 0.68791     2.913369    32.218441    0.464715
0.000183    0.882919   60.046236

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -3.497941   -23.732799    -0.459776
-0.002669    -0.383419    -7.389636
 0.17198    -3.497941   -23.732799    -0.459776
-0.002669    -0.065531   -23.366061
 0.34396    -3.497941   -23.732799    -0.459776
-0.002669    -0.247712   -45.132466
 0.51593    -3.497941   -23.732799    -0.459776
-0.002669    -0.567855   -67.222192
 0.68791    -3.497941   -23.732799    -0.459776
-0.002669    -0.887961   -89.375787
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 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000     7.819910   124.841503    0.726548
0.011750    0.612136   213.523917
 0.17198     7.819910   124.841503    0.726548
0.011750    0.116967   175.195296
 0.34396     7.819910   124.841503    0.726548
0.011750    0.364854   141.107043
 0.51593     7.819910   124.841503    0.726548
0.011750    0.834139   150.076513
 0.68791     7.819910   124.841503    0.726548
0.011750    1.303372   179.241250

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -5.220521   -46.383541    -0.683996
-0.014811    -0.609244     .000000
 0.17198    -5.220521   -46.383541    -0.683996
-0.014811    -0.139455   -19.753613
 0.34396    -5.220521   -46.383541    -0.683996
-0.014811    -0.399702   -44.662959
 0.51593    -5.220521   -46.383541    -0.683996
-0.014811    -0.897608   -92.471530
 0.68791    -5.220521   -46.383541    -0.683996
-0.014811    -1.395973  -176.102737

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    10.261290   149.943084    0.805906
0.013479    0.677398   248.217672
 0.17198    10.261290   149.943084    0.805906
0.013479    0.128058   201.992388
 0.34396    10.261290   149.943084    0.805906
0.013479    0.387164   173.218228
 0.51593    10.261290   149.943084    0.805906
0.013479    0.891530   191.046829
 0.68791    10.261290   149.943084    0.805906
0.013479    1.395819   229.584660

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -6.413041   -60.679308    -0.734850
-0.014630    -0.656815     .000000
 0.17198    -6.413041   -60.679308    -0.734850
-0.014630    -0.151797   -18.035498
 0.34396    -6.413041   -60.679308    -0.734850
-0.014630    -0.443947   -54.864057
 0.51593    -6.413041   -60.679308    -0.734850
-0.014630    -0.996428  -119.066432
 0.68791    -6.413041   -60.679308    -0.734850
-0.014630    -1.549473  -219.583911

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    10.958370   156.862227    0.543508
0.015606    0.460958   231.606053
 0.17198    10.958370   156.862227    0.543508
0.015606    0.092592   192.007936
 0.34396    10.958370   156.862227    0.543508
0.015606    0.209959   159.297797
 0.51593    10.958370   156.862227    0.543508
0.015606    0.485897   180.212840
 0.68791    10.958370   156.862227    0.543508
0.015606    0.761845   222.681939

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -6.656586   -64.769830    -0.400619
-0.015651    -0.362383    -6.193691
 0.17198    -6.656586   -64.769830    -0.400619
-0.015651    -0.102998   -22.692155
 0.34396    -6.656586   -64.769830    -0.400619
-0.015651    -0.293219   -51.532206
 0.51593    -6.656586   -64.769830    -0.400619
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-0.015651   -0.667550 -105.541071
 0.68791    -6.656586   -64.769830     -0.400619
-0.015651   -1.041911 -208.623538
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 COMB       DL  ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.00000     10.261290     149.943084      0.805906
0.014874      0.677398     248.217672
 0.17198     10.261290     149.943084      0.805906
0.014874      0.128058     218.555151
 0.34396     10.261290     149.943084      0.805906
0.014874      0.387164     201.269166
 0.51593     10.261290     149.943084      0.805906
0.014874      0.891530     227.674321
 0.68791     10.261290     149.943084      0.805906
0.014874      1.395819     274.794002

 COMB       DL  ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.00000     -6.513408     -73.064607     -0.734850
-0.014811     -0.656815      -8.168781
 0.17198     -6.513408     -73.064607     -0.734850
-0.014811     -0.151797     -23.366061
 0.34396     -6.513408     -73.064607     -0.734850
-0.014811     -0.443947     -54.864057
 0.51593     -6.513408     -73.064607     -0.734850
-0.014811     -0.996428    -119.066432
 0.68791     -6.513408     -73.064607     -0.734850
-0.014811     -1.549473    -219.583911

 COMB       CAR  ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.00000     10.958370     156.862227      0.805906
0.015606      0.677398     248.217672
 0.17198     10.958370     156.862227      0.805906
0.015606      0.128058     218.555151
 0.34396     10.958370     156.862227      0.805906
0.015606      0.387164     201.269166
 0.51593     10.958370     156.862227      0.805906
0.015606      0.891530     227.674321
 0.68791     10.958370     156.862227      0.805906
0.015606      1.395819     274.794002

 COMB       CAR  ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.00000     -6.656586     -73.064607     -0.734850
-0.015651     -0.656815      -8.168781
 0.17198     -6.656586     -73.064607     -0.734850
-0.015651     -0.151797     -23.366061
 0.34396     -6.656586     -73.064607     -0.734850
-0.015651     -0.443947     -54.864057
 0.51593     -6.656586     -73.064607     -0.734850
-0.015651     -0.996428    -119.066432
 0.68791     -6.656586     -73.064607     -0.734850
-0.015651     -1.549473    -219.583911

 COMB  DESIGN  ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.00000     10.958370     156.862227      0.805906
0.015606      0.677398     248.217672
 0.17198     10.958370     156.862227      0.805906
0.015606      0.128058     218.555151
 0.34396     10.958370     156.862227      0.805906
0.015606      0.387164     201.269166
 0.51593     10.958370     156.862227      0.805906
0.015606      0.891530     227.674321
 0.68791     10.958370     156.862227      0.805906
0.015606      1.395819     274.794002

 COMB  DESIGN  ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.00000     -6.656586     -73.064607     -0.734850
-0.015651     -0.656815      -8.168781
 0.17198     -6.656586     -73.064607     -0.734850
-0.015651     -0.151797     -23.366061
 0.34396     -6.656586     -73.064607     -0.734850
-0.015651     -0.443947     -54.864057
 0.51593     -6.656586     -73.064607     -0.734850
-0.015651     -0.996428    -119.066432
 0.68791     -6.656586     -73.064607     -0.734850
-0.015651     -1.549473    -219.583911
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4.004134

 COMB DB-G1-1 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     6.121951      38.970208      0.143014
0.002107      0.272250     101.934389
 0.48413     6.121951      38.970208      0.143014
0.002107      0.173765      75.109616
 0.65609     6.121951      38.970208      0.143014
0.002107      0.075311      48.311255
 0.82804     6.121951      38.970208      0.143014
0.002107      0.018010      21.586596
 1.00000     6.121951      38.970208      0.143014
0.002107      0.092796       0.947201

 COMB DB-G1-1 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     -1.037589     -15.264393     -0.108584
-3.49E-05     -0.206258     -42.420479
 0.48413     -1.037589     -15.264393     -0.108584
-3.49E-05     -0.131494     -31.916858
 0.65609     -1.037589     -15.264393     -0.108584
-3.49E-05     -0.056731     -21.452741
 0.82804     -1.037589     -15.264393     -0.108584
-3.49E-05     -0.022977     -11.280383
 1.00000     -1.037589     -15.264393     -0.108584
-3.49E-05     -0.121626      -5.616441

 COMB DB-G1-2 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     8.264502      65.508704      0.288002
0.015166      0.510525     208.561646
 0.48413     8.264502      65.508704      0.288002
0.015166      0.316385     165.594875
 0.65609     8.264502      65.508704      0.288002
0.015166      0.135224     145.288004
 0.82804     8.264502      65.508704      0.288002
0.015166      0.030001     175.798905
 1.00000     8.264502      65.508704      0.288002
0.015166      0.134321     206.410919

 COMB DB-G1-2 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     -6.279958    -117.652274     -0.158365
-0.012891     -0.301911    -129.325515
 0.48413     -6.279958    -117.652274     -0.158365
-0.012891     -0.192826     -54.080548
 0.65609     -6.279958    -117.652274     -0.158365
-0.012891     -0.083793     -22.297460
 0.82804     -6.279958    -117.652274     -0.158365
-0.012891     -0.085716     -10.622698
 1.00000     -6.279958    -117.652274     -0.158365
-0.012891     -0.284192       .000000

 COMB DB-G1-3 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     8.086690      67.981766      0.488309
0.015197      0.891136     219.119039
 0.48413     8.086690      67.981766      0.488309
0.015197      0.559169     174.629568
 0.65609     8.086690      67.981766      0.488309
0.015197      0.240472     153.383212
 0.82804     8.086690      67.981766      0.488309
0.015197      0.054192     184.431555
 1.00000     8.086690      67.981766      0.488309
0.015197      0.264611     233.913695

 COMB DB-G1-3 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218    -10.899267    -157.254264     -0.312468
-0.014757     -0.596012    -209.536031
 0.48413    -10.899267    -157.254264     -0.312468
-0.014757     -0.380821    -107.190840
 0.65609    -10.899267    -157.254264     -0.312468
-0.014757     -0.165678     -49.278466
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 REL DIST              P              V2              V3
        T              M2              M3
 0.82804    -10.899267    -157.254264     -0.312468
-0.014757     -0.118962     -12.107154
 1.00000    -10.899267    -157.254264     -0.312468
-0.014757     -0.455303       .000000

 COMB DB-G2-1 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     1.068511      15.017285      0.312190
0.000263      0.597095      41.992051
 0.48413     1.068511      15.017285      0.312190
0.000263      0.382179      31.663305
 0.65609     1.068511      15.017285      0.312190
0.000263      0.167298      21.358120
 0.82804     1.068511      15.017285      0.312190
0.000263      0.041819      11.105312
 1.00000     1.068511      15.017285      0.312190
0.000263      0.224250       1.244554

 COMB DB-G2-1 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     -6.202893     -38.420811     -0.264787
-0.002176     -0.504987    -112.471344
 0.48413     -6.202893     -38.420811     -0.264787
-0.002176     -0.322672     -86.028376
 0.65609     -6.202893     -38.420811     -0.264787
-0.002176     -0.140351     -59.622952
 0.82804     -6.202893     -38.420811     -0.264787
-0.002176     -0.048344     -33.246701
 1.00000     -6.202893     -38.420811     -0.264787
-0.002176     -0.262995      -7.027957

 COMB DB-G2-2 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     1.789510      27.326168      0.504559
0.013056      0.925182      96.335379
 0.48413     1.789510      27.326168      0.504559
0.013056      0.581989      79.637423
 0.65609     1.789510      27.326168      0.504559
0.013056      0.251817      85.569069
 0.82804     1.789510      27.326168      0.504559
0.013056      0.060287     142.348192
 1.00000     1.789510      27.326168      0.504559
0.013056      0.300275     204.744822

 COMB DB-G2-2 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218    -12.895212    -154.608150     -0.355168
-0.015572     -0.677938    -224.253378
 0.48413    -12.895212    -154.608150     -0.355168
-0.015572     -0.433345    -123.561118
 0.65609    -12.895212    -154.608150     -0.355168
-0.015572     -0.188806     -66.307479
 0.82804    -12.895212    -154.608150     -0.355168
-0.015572     -0.118772     -29.132139
 1.00000    -12.895212    -154.608150     -0.355168
-0.015572     -0.466016       .000000

 COMB DB-G2-3 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     6.229793      65.716654      0.552136
0.014443      1.014572     227.887596
 0.48413     6.229793      65.716654      0.552136
0.014443      0.638712     184.815088
 0.65609     6.229793      65.716654      0.552136
0.014443      0.276143     164.870541
 0.82804     6.229793      65.716654      0.552136
0.014443      0.063056     196.881943
 1.00000     6.229793      65.716654      0.552136
0.014443      0.315121     233.272645

 COMB DB-G2-3 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218    -12.799778    -159.378022     -0.372840
-0.015550     -0.711775    -230.887420
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 REL DIST              P              V2              V3
        T              M2              M3
 0.48413    -12.799778    -159.378022     -0.372840
-0.015550     -0.455030    -127.124930
 0.65609    -12.799778    -159.378022     -0.372840
-0.015550     -0.198279     -67.867161
 0.82804    -12.799778    -159.378022     -0.372840
-0.015550     -0.133153     -29.415082
 1.00000    -12.799778    -159.378022     -0.372840
-0.015550     -0.507676       .000000

 COMB DL-G1-1 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     5.281999      38.494216      0.199671
0.002255      0.376532     100.340709
 0.48413     5.281999      38.494216      0.199671
0.002255      0.239031      73.880859
 0.65609     5.281999      38.494216      0.199671
0.002255      0.101740      47.480528
 0.82804     5.281999      38.494216      0.199671
0.002255      0.024682      21.314413
 1.00000     5.281999      38.494216      0.199671
0.002255      0.119209       1.337819

 COMB DL-G1-1 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     -1.085062     -20.686895     -0.136337
-3.28E-05     -0.256006     -58.256123
 0.48413     -1.085062     -20.686895     -0.136337
-3.28E-05     -0.162065     -44.061254
 0.65609     -1.085062     -20.686895     -0.136337
-3.28E-05     -0.068074     -29.931133
 0.82804     -1.085062     -20.686895     -0.136337
-3.28E-05     -0.036441     -16.112995
 1.00000     -1.085062     -20.686895     -0.136337
-3.28E-05     -0.173288      -8.068310

 COMB DL-G1-2 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     7.228012      64.669047      0.393546
0.014295      0.703748     232.479100
 0.48413     7.228012      64.669047      0.393546
0.014295      0.437724     190.910783
 0.65609     7.228012      64.669047      0.393546
0.014295      0.181214     170.545214
 0.82804     7.228012      64.669047      0.393546
0.014295      0.049670     192.069644
 1.00000     7.228012      64.669047      0.393546
0.014295      0.220475     214.938810

 COMB DL-G1-2 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     -5.742327    -111.414168     -0.258016
-0.011805     -0.490264    -140.844204
 0.48413     -5.742327    -111.414168     -0.258016
-0.011805     -0.312652     -66.679869
 0.65609     -5.742327    -111.414168     -0.258016
-0.011805     -0.135044     -29.677447
 0.82804     -5.742327    -111.414168     -0.258016
-0.011805     -0.113357     -13.987764
 1.00000     -5.742327    -111.414168     -0.258016
-0.011805     -0.381238       .000000

 COMB DL-G1-3 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     7.208068      70.328777      0.674489
0.014029      1.240165     256.852839
 0.48413     7.208068      70.328777      0.674489
0.014029      0.780704     211.846289
 0.65609     7.208068      70.328777      0.674489
0.014029      0.330681     188.582246
 0.82804     7.208068      70.328777      0.674489
0.014029      0.089289     209.607633
 1.00000     7.208068      70.328777      0.674489
0.014029      0.446557     250.740341
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 COMB DL-G1-3 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     -9.616543    -147.283093     -0.527607
-0.013472     -1.006309    -210.727050
 0.48413     -9.616543    -147.283093     -0.527607
-0.013472     -0.642959    -112.328471
 0.65609     -9.616543    -147.283093     -0.527607
-0.013472     -0.279450     -51.547075
 0.82804     -9.616543    -147.283093     -0.527607
-0.013472     -0.157058     -14.287892
 1.00000     -9.616543    -147.283093     -0.527607
-0.013472     -0.618569       .000000

 COMB DL-G2-1 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     1.130645      20.468173      0.440629
0.000219      0.845840      56.872733
 0.48413     1.130645      20.468173      0.440629
0.000219      0.542484      42.808089
 0.65609     1.130645      20.468173      0.440629
0.000219      0.239140      28.777752
 0.82804     1.130645      20.468173      0.440629
0.000219      0.066331      14.896592
 1.00000     1.130645      20.468173      0.440629
0.000219      0.364924       1.660074

 COMB DL-G2-1 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     -5.369400     -38.078767     -0.432095
-0.002379     -0.824511    -112.117066
 0.48413     -5.369400     -38.078767     -0.432095
-0.002379     -0.526923     -85.927621
 0.65609     -5.369400     -38.078767     -0.432095
-0.002379     -0.229098     -59.805998
 0.82804     -5.369400     -38.078767     -0.432095
-0.002379     -0.064649     -33.879819
 1.00000     -5.369400     -38.078767     -0.432095
-0.002379     -0.367877      -8.468246

 COMB DL-G2-2 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     1.918004      34.068515      0.697772
0.011926      1.296039     140.980400
 0.48413     1.918004      34.068515      0.697772
0.011926      0.820670     120.472813
 0.65609     1.918004      34.068515      0.697772
0.011926      0.353951     121.154707
 0.82804     1.918004      34.068515      0.697772
0.011926      0.101517     163.667296
 1.00000     1.918004      34.068515      0.697772
0.011926      0.524391     214.806779

 COMB DL-G2-2 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218    -11.202887    -140.842821     -0.623030
-0.014671     -1.191102    -214.341455
 0.48413    -11.202887    -140.842821     -0.623030
-0.014671     -0.761968    -119.911505
 0.65609    -11.202887    -140.842821     -0.623030
-0.014671     -0.332503     -62.584302
 0.82804    -11.202887    -140.842821     -0.623030
-0.014671     -0.147764     -26.532991
 1.00000    -11.202887    -140.842821     -0.623030
-0.014671     -0.626676       .000000

 COMB DL-G2-3 ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     5.712849      70.721814      0.766958
0.013154      1.420565     274.334776
 0.48413     5.712849      70.721814      0.766958
0.013154      0.897732     228.853598
 0.65609     5.712849      70.721814      0.766958
0.013154      0.383943     204.636528
 0.82804     5.712849      70.721814      0.766958
0.013154      0.105841     222.601960
 1.00000     5.712849      70.721814      0.766958
0.013154      0.545986     250.570608
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 COMB DL-G2-3 ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218    -11.186145    -146.880882     -0.648048
-0.014366     -1.238651    -226.151602
 0.48413    -11.186145    -146.880882     -0.648048
-0.014366     -0.792386    -127.874246
 0.65609    -11.186145    -146.880882     -0.648048
-0.014366     -0.346066     -66.872360
 0.82804    -11.186145    -146.880882     -0.648048
-0.014366     -0.169585     -27.562739
 1.00000    -11.186145    -146.880882     -0.648048
-0.014366     -0.693225       .000000

 COMB       DB  ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     8.264502      67.981766      0.552136
0.015197      1.014572     227.887596
 0.48413     8.264502      67.981766      0.552136
0.015197      0.638712     184.815088
 0.65609     8.264502      67.981766      0.552136
0.015197      0.276143     164.870541
 0.82804     8.264502      67.981766      0.552136
0.015197      0.063056     196.881943
 1.00000     8.264502      67.981766      0.552136
0.015197      0.315121     233.913695

 COMB       DB  ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218    -12.895212    -159.378022     -0.372840
-0.015572     -0.711775    -230.887420
 0.48413    -12.895212    -159.378022     -0.372840
-0.015572     -0.455030    -127.124930
 0.65609    -12.895212    -159.378022     -0.372840
-0.015572     -0.198279     -67.867161
 0.82804    -12.895212    -159.378022     -0.372840
-0.015572     -0.133153     -33.246701
 1.00000    -12.895212    -159.378022     -0.372840
-0.015572     -0.507676      -7.027957

 COMB       DL  ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     7.228012      70.721814      0.766958
0.014295      1.420565     274.334776
 0.48413     7.228012      70.721814      0.766958
0.014295      0.897732     228.853598
 0.65609     7.228012      70.721814      0.766958
0.014295      0.383943     204.636528
 0.82804     7.228012      70.721814      0.766958
0.014295      0.105841     222.601960
 1.00000     7.228012      70.721814      0.766958
0.014295      0.545986     250.740341

 COMB       DL  ------------------- MIN

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218    -11.202887    -147.283093     -0.648048
-0.014671     -1.238651    -226.151602
 0.48413    -11.202887    -147.283093     -0.648048
-0.014671     -0.792386    -127.874246
 0.65609    -11.202887    -147.283093     -0.648048
-0.014671     -0.346066     -66.872360
 0.82804    -11.202887    -147.283093     -0.648048
-0.014671     -0.169585     -33.879819
 1.00000    -11.202887    -147.283093     -0.648048
-0.014671     -0.693225      -8.468246

 COMB       CAR  ------------------- MAX

 REL DIST              P              V2              V3
        T              M2              M3
 0.31218     8.264502      70.721814      0.766958
0.015197      1.420565     274.334776
 0.48413     8.264502      70.721814      0.766958
0.015197      0.897732     228.853598
 0.65609     8.264502      70.721814      0.766958
0.015197      0.383943     204.636528
 0.82804     8.264502      70.721814      0.766958
0.015197      0.105841     222.601960
 1.00000     8.264502      70.721814      0.766958
0.015197      0.545986     250.740341
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 COMB       CAR  ------------------- MIN

 REL DIST              P              V2              V3
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T	M2	M3	
0.31218	-12.895212	-159.378022	-0.648048
-0.015572	-1.238651	-230.887420	
0.48413	-12.895212	-159.378022	-0.648048
-0.015572	-0.792386	-127.874246	
0.65609	-12.895212	-159.378022	-0.648048
-0.015572	-0.346066	-67.867161	
0.82804	-12.895212	-159.378022	-0.648048
-0.015572	-0.169585	-33.879819	
1.00000	-12.895212	-159.378022	-0.648048
-0.015572	-0.693225	-8.468246	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31218	8.264502	70.721814	0.766958
0.015197	1.420565	274.334776	
0.48413	8.264502	70.721814	0.766958
0.015197	0.897732	228.853598	
0.65609	8.264502	70.721814	0.766958
0.015197	0.383943	204.636528	
0.82804	8.264502	70.721814	0.766958
0.015197	0.105841	222.601960	
1.00000	8.264502	70.721814	0.766958
0.015197	0.545986	250.740341	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31218	-12.895212	-159.378022	-0.648048
-0.015572	-1.238651	-230.887420	
0.48413	-12.895212	-159.378022	-0.648048
-0.015572	-0.792386	-127.874246	
0.65609	-12.895212	-159.378022	-0.648048
-0.015572	-0.346066	-67.867161	
0.82804	-12.895212	-159.378022	-0.648048
-0.015572	-0.169585	-33.879819	
1.00000	-12.895212	-159.378022	-0.648048
-0.015572	-0.693225	-8.468246	

ELEM 96 ========== LENGTH = 4.005141

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.074390	38.432329	0.142482
0.002044	0.121243	0.947294	
0.17198	6.074390	38.432329	0.142482
0.002044	0.022899	9.942231	
0.34395	6.074390	38.432329	0.142482
0.002044	0.056684	20.206956	
0.51593	6.074390	38.432329	0.142482
0.002044	0.130901	30.527636	
0.68790	6.074390	38.432329	0.142482
0.002044	0.205119	40.874997	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.041174	-15.024886	-0.107751
-2.19E-05	-0.091773	-5.597527	
0.17198	-1.041174	-15.024886	-0.107751
-2.19E-05	-0.017479	-31.907960	
0.34395	-1.041174	-15.024886	-0.107751
-2.19E-05	-0.075035	-58.297563	
0.51593	-1.041174	-15.024886	-0.107751
-2.19E-05	-0.173168	-84.719336	
0.68790	-1.041174	-15.024886	-0.107751
-2.19E-05	-0.271321	-111.179914	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.585231	154.685231	0.265861
0.015372	0.232005	206.100162	
0.17198	12.585231	154.685231	0.265861
0.015372	0.049992	140.684847	
0.34395	12.585231	154.685231	0.265861
0.015372	0.079901	83.857633	

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REL DIST	P	V2	V3
T	M2	M3	
0.51593	12.585231	154.685231	0.265861
0.015372	0.185240	78.286606	
0.68790	12.585231	154.685231	0.265861
0.015372	0.290735	94.964351	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.823524	-27.244264	-0.153231
-0.012826	-0.159605	.000000	
0.17198	-1.823524	-27.244264	-0.153231
-0.012826	-0.063719	-27.591493	
0.34395	-1.823524	-27.244264	-0.153231
-0.012826	-0.147436	-64.810699	
0.51593	-1.823524	-27.244264	-0.153231
-0.012826	-0.329220	-122.300878	
0.68790	-1.823524	-27.244264	-0.153231
-0.012826	-0.512352	-223.387468	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.509760	159.396102	0.464911
0.015379	0.397602	233.612813	
0.17198	12.509760	159.396102	0.464911
0.015379	0.078749	194.468724	
0.34395	12.509760	159.396102	0.464911
0.015379	0.161225	162.364073	
0.51593	12.509760	159.396102	0.464911
0.015379	0.371942	182.640612	
0.68790	12.509760	159.396102	0.464911
0.015379	0.582824	225.645605	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.392911	-65.554773	-0.306223
-0.014297	-0.289660	.000000	
0.17198	-6.392911	-65.554773	-0.306223
-0.014297	-0.088470	-27.413485	
0.34395	-6.392911	-65.554773	-0.306223
-0.014297	-0.256609	-65.820685	
0.51593	-6.392911	-65.554773	-0.306223
-0.014297	-0.575308	-125.284465	
0.68790	-6.392911	-65.554773	-0.306223
-0.014297	-0.895501	-229.382505	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.067128	15.260771	0.311082
3.36E-05	0.261918	1.232504	
0.17198	1.067128	15.260771	0.311082
3.36E-05	0.047668	20.276000	
0.34395	1.067128	15.260771	0.311082
3.36E-05	0.139815	46.992557	
0.51593	1.067128	15.260771	0.311082
3.36E-05	0.321161	73.789247	
0.68790	1.067128	15.260771	0.311082
3.36E-05	0.502501	100.612940	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.247732	-38.954903	-0.263275
-0.002173	-0.222861	-7.003603	
0.17198	-6.247732	-38.954903	-0.263275
-0.002173	-0.041426	-10.193601	
0.34395	-6.247732	-38.954903	-0.263275
-0.002173	-0.166615	-20.335342	
0.51593	-6.247732	-38.954903	-0.263275
-0.002173	-0.380931	-30.797480	
0.68790	-6.247732	-38.954903	-0.263275
-0.002173	-0.595200	-41.296744	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.176959	117.650291	0.481438
0.012860	0.410920	204.440084	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.17198	6.176959	117.650291	0.481438
0.012860	0.080643	173.762644	
0.34395	6.176959	117.650291	0.481438
0.012860	0.185094	143.173526	
0.51593	6.176959	117.650291	0.481438
0.012860	0.425493	163.872604	
0.68790	6.176959	117.650291	0.481438
0.012860	0.666052	206.795525	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.499470	-65.339299	-0.349308
-0.015274	-0.324470	.000000	
0.17198	-8.499470	-65.339299	-0.349308
-0.015274	-0.093339	-9.283282	
0.34395	-8.499470	-65.339299	-0.349308
-0.015274	-0.265705	-20.934946	
0.51593	-8.499470	-65.339299	-0.349308
-0.015274	-0.595972	-52.893423	
0.68790	-8.499470	-65.339299	-0.349308
-0.015274	-0.927577	-128.469373	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.663392	157.329500	0.528672
0.014634	0.451688	232.974479	
0.17198	10.663392	157.329500	0.528672
0.014634	0.088831	182.159789	
0.34395	10.663392	157.329500	0.528672
0.014634	0.192923	150.942161	
0.51593	10.663392	157.329500	0.528672
0.014634	0.445005	172.611413	
0.68790	10.663392	157.329500	0.528672
0.014634	0.697216	217.061107	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.301837	-67.873326	-0.366226
-0.015399	-0.340558	.000000	
0.17198	-8.301837	-67.873326	-0.366226
-0.015399	-0.097911	-10.229177	
0.34395	-8.301837	-67.873326	-0.366226
-0.015399	-0.290263	-47.364444	
0.51593	-8.301837	-67.873326	-0.366226
-0.015399	-0.653035	-105.511449	
0.68790	-8.301837	-67.873326	-0.366226
-0.015399	-1.017174	-208.255412	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.243531	38.023388	0.191272
0.002228	0.164880	1.337957	
0.17198	5.243531	38.023388	0.191272
0.002228	0.033700	13.223037	
0.34395	5.243531	38.023388	0.191272
0.002228	0.069627	27.059860	
0.51593	5.243531	38.023388	0.191272
0.002228	0.163294	41.036638	
0.68790	5.243531	38.023388	0.191272
0.002228	0.256768	55.046595	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.068749	-20.380298	-0.135703
-2.06E-05	-0.116771	-8.059899	
0.17198	-1.068749	-20.380298	-0.135703
-2.06E-05	-0.022682	-32.462013	
0.34395	-1.068749	-20.380298	-0.135703
-2.06E-05	-0.099068	-58.361819	
0.51593	-1.068749	-20.380298	-0.135703
-2.06E-05	-0.230763	-84.466257	
0.68790	-1.068749	-20.380298	-0.135703
-2.06E-05	-0.362397	-110.632397	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.903037	140.834496	0.359475
0.014397	0.311138	214.907944	
0.17198	10.903037	140.834496	0.359475
0.014397	0.066388	161.715722	
0.34395	10.903037	140.834496	0.359475
0.014397	0.125907	119.109373	
0.51593	10.903037	140.834496	0.359475
0.014397	0.296806	118.480872	
0.68790	10.903037	140.834496	0.359475
0.014397	0.467278	138.967962	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.943085	-33.931925	-0.252241
-0.011731	-0.256785	.000000	
0.17198	-1.943085	-33.931925	-0.252241
-0.011731	-0.082831	-25.027098	
0.34395	-1.943085	-33.931925	-0.252241
-0.011731	-0.201629	-61.091890	
0.51593	-1.943085	-33.931925	-0.252241
-0.011731	-0.445997	-118.637751	
0.68790	-1.943085	-33.931925	-0.252241
-0.011731	-0.691556	-213.190470	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.906837	146.848736	0.640141
0.014116	0.539396	250.715582	
0.17198	10.906837	146.848736	0.640141
0.014116	0.102004	220.358282	
0.34395	10.906837	146.848736	0.640141
0.014116	0.266545	202.249837	
0.51593	10.906837	146.848736	0.640141
0.014116	0.618915	226.510129	
0.68790	10.906837	146.848736	0.640141
0.014116	0.970710	271.996885	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.868572	-70.590340	-0.515358
-0.013045	-0.477949	.000000	
0.17198	-5.868572	-70.590340	-0.515358
-0.013045	-0.122378	-25.447081	
0.34395	-5.868572	-70.590340	-0.515358
-0.013045	-0.360142	-64.655950	
0.51593	-5.868572	-70.590340	-0.515358
-0.013045	-0.797810	-125.886992	
0.68790	-5.868572	-70.590340	-0.515358
-0.013045	-1.236679	-224.284114	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.152475	20.782580	0.439206
3.09E-05	0.367329	1.645147	
0.17198	1.152475	20.782580	0.439206
3.09E-05	0.064816	20.081947	
0.34395	1.152475	20.782580	0.439206
3.09E-05	0.227280	46.283585	
0.51593	1.152475	20.782580	0.439206
3.09E-05	0.518212	72.728255	
0.68790	1.152475	20.782580	0.439206
3.09E-05	0.808967	99.232433	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.408589	-38.542804	-0.421972
-0.002333	-0.352977	-8.450821	
0.17198	-5.408589	-38.542804	-0.421972
-0.002333	-0.061027	-14.635174	
0.34395	-5.408589	-38.542804	-0.421972
-0.002333	-0.237796	-28.505095	
0.51593	-5.408589	-38.542804	-0.421972
-0.002333	-0.540324	-42.703944	
0.68790	-5.408589	-38.542804	-0.421972
-0.002333	-0.842834	-56.974862	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.674875	111.481389	0.672070
0.011756	0.564903	214.773951	
0.17198	5.674875	111.481389	0.672070
0.011756	0.103848	190.561236	
0.34395	5.674875	111.481389	0.672070
0.011756	0.321064	169.034989	
0.51593	5.674875	111.481389	0.672070
0.011756	0.736176	189.484775	
0.68790	5.674875	111.481389	0.672070
0.011756	1.150731	231.082054	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.485396	-64.585540	-0.606515
-0.014364	-0.549040	.000000	
0.17198	-7.485396	-64.585540	-0.606515
-0.014364	-0.130092	-12.239787	
0.34395	-7.485396	-64.585540	-0.606515
-0.014364	-0.378101	-27.998336	
0.51593	-7.485396	-64.585540	-0.606515
-0.014364	-0.838028	-65.288691	
0.68790	-7.485396	-64.585540	-0.606515
-0.014364	-1.298903	-139.614883	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.418783	147.339089	0.735647
0.013270	0.618542	250.545358	
0.17198	9.418783	147.339089	0.735647
0.013270	0.114289	207.531823	
0.34395	9.418783	147.339089	0.735647
0.013270	0.330395	186.285884	
0.51593	9.418783	147.339089	0.735647
0.013270	0.762548	209.694384	
0.68790	9.418783	147.339089	0.735647
0.013270	1.194010	254.768912	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.448692	-70.274899	-0.631079
-0.014195	-0.573196	.000000	
0.17198	-7.448692	-70.274899	-0.631079
-0.014195	-0.136851	-12.262673	
0.34395	-7.448692	-70.274899	-0.631079
-0.014195	-0.412277	-49.358470	
0.51593	-7.448692	-70.274899	-0.631079
-0.014195	-0.915990	-110.473251	
0.68790	-7.448692	-70.274899	-0.631079
-0.014195	-1.420607	-209.074292	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.585231	159.396102	0.528672
0.015379	0.451688	233.612813	
0.17198	12.585231	159.396102	0.528672
0.015379	0.088831	194.468724	
0.34395	12.585231	159.396102	0.528672
0.015379	0.192923	162.364073	
0.51593	12.585231	159.396102	0.528672
0.015379	0.445005	182.640612	
0.68790	12.585231	159.396102	0.528672
0.015379	0.697216	225.645605	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.499470	-67.873326	-0.366226
-0.015399	-0.340558	-7.003603	
0.17198	-8.499470	-67.873326	-0.366226
-0.015399	-0.097911	-31.907960	
0.34395	-8.499470	-67.873326	-0.366226
-0.015399	-0.290263	-65.820685	
0.51593	-8.499470	-67.873326	-0.366226
-0.015399	-0.653035	-125.284465	
0.68790	-8.499470	-67.873326	-0.366226
-0.015399	-1.017174	-229.382505	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.906837	147.339089	0.735647
0.014397	0.618542	250.715582	
0.17198	10.906837	147.339089	0.735647
0.014397	0.114289	220.358282	
0.34395	10.906837	147.339089	0.735647
0.014397	0.330395	202.249837	
0.51593	10.906837	147.339089	0.735647
0.014397	0.762548	226.510129	
0.68790	10.906837	147.339089	0.735647
0.014397	1.194010	271.996885	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.485396	-70.590340	-0.631079
-0.014364	-0.573196	-8.450821	
0.17198	-7.485396	-70.590340	-0.631079
-0.014364	-0.136851	-32.462013	
0.34395	-7.485396	-70.590340	-0.631079
-0.014364	-0.412277	-64.655950	
0.51593	-7.485396	-70.590340	-0.631079
-0.014364	-0.915990	-125.886992	
0.68790	-7.485396	-70.590340	-0.631079
-0.014364	-1.420607	-224.284114	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.585231	159.396102	0.735647
0.015379	0.618542	250.715582	
0.17198	12.585231	159.396102	0.735647
0.015379	0.114289	220.358282	
0.34395	12.585231	159.396102	0.735647
0.015379	0.330395	202.249837	
0.51593	12.585231	159.396102	0.735647
0.015379	0.762548	226.510129	
0.68790	12.585231	159.396102	0.735647
0.015379	1.194010	271.996885	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.499470	-70.590340	-0.631079
-0.015399	-0.573196	-8.450821	
0.17198	-8.499470	-70.590340	-0.631079
-0.015399	-0.136851	-32.462013	
0.34395	-8.499470	-70.590340	-0.631079
-0.015399	-0.412277	-65.820685	
0.51593	-8.499470	-70.590340	-0.631079
-0.015399	-0.915990	-125.886992	
0.68790	-8.499470	-70.590340	-0.631079
-0.015399	-1.420607	-229.382505	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.585231	159.396102	0.735647
0.015379	0.618542	250.715582	
0.17198	12.585231	159.396102	0.735647
0.015379	0.114289	220.358282	
0.34395	12.585231	159.396102	0.735647
0.015379	0.330395	202.249837	
0.51593	12.585231	159.396102	0.735647
0.015379	0.762548	226.510129	
0.68790	12.585231	159.396102	0.735647
0.015379	1.194010	271.996885	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.499470	-70.590340	-0.631079
-0.015399	-0.573196	-8.450821	
0.17198	-8.499470	-70.590340	-0.631079
-0.015399	-0.136851	-32.462013	
0.34395	-8.499470	-70.590340	-0.631079
-0.015399	-0.412277	-65.820685	
0.51593	-8.499470	-70.590340	-0.631079
-0.015399	-0.915990	-125.886992	
0.68790	-8.499470	-70.590340	-0.631079
-0.015399	-1.420607	-229.382505	

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FRAME ELEMENT INTERNAL FORCES

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COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	6.616828	45.007197	0.150325
0.001710	0.286469	118.598059	
0.48408	6.616828	45.007197	0.150325
0.001710	0.182911	87.608423	
0.65605	6.616828	45.007197	0.150325
0.001710	0.079387	56.641258	
0.82803	6.616828	45.007197	0.150325
0.001710	0.019230	25.790758	
1.00000	6.616828	45.007197	0.150325
0.001710	0.101656	0.967095	

COMB DB-G1-1 ---------- MIN

```
 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    -0.794046    -8.932016    -0.119596
 -0.000274    -0.227835   -24.724784
  0.48408    -0.794046    -8.932016    -0.119596
 -0.000274    -0.145462   -18.582340
  0.65605    -0.794046    -8.932016    -0.119596
 -0.000274    -0.063090   -12.473101
  0.82803    -0.794046    -8.932016    -0.119596
 -0.000274    -0.024000    -6.629827
  1.00000    -0.794046    -8.932016    -0.119596
 -0.000274    -0.127677    -5.554836

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     8.901315    72.806971     0.278543
  0.014713     0.490933   230.448834
  0.48408     8.901315    72.806971     0.278543
  0.014713     0.300339   182.351944
  0.65605     8.901315    72.806971     0.278543
  0.014713     0.127861   157.279769
  0.82803     8.901315    72.806971     0.278543
  0.014713     0.031684   182.701213
  1.00000     8.901315    72.806971     0.278543
  0.014713     0.138333   208.332529

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    -5.909445  -110.143537    -0.163442
 -0.013058    -0.311918  -107.884791
  0.48408    -5.909445  -110.143537    -0.163442
 -0.013058    -0.199317   -38.388730
  0.65605    -5.909445  -110.143537    -0.163442
 -0.013058    -0.087900   -12.402019
  0.82803    -5.909445  -110.143537    -0.163442
 -0.013058    -0.085044    -5.873070
  1.00000    -5.909445  -110.143537    -0.163442
 -0.013058    -0.276776     .000000

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     8.526543    70.832571     0.460574
  0.015159     0.836881   227.529020
  0.48408     8.526543    70.832571     0.460574
  0.015159     0.520956   180.929909
  0.65605     8.526543    70.832571     0.460574
  0.015159     0.223570   157.926896
  0.82803     8.526543    70.832571     0.460574
  0.015159     0.055043   186.958924
  1.00000     8.526543    70.832571     0.460574
  0.015159     0.263497   236.329341

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -10.831597  -154.288174    -0.311278
 -0.014663    -0.594031  -200.110545
  0.48408   -10.831597  -154.288174    -0.311278
 -0.014663    -0.379606  -100.350844
  0.65605   -10.831597  -154.288174    -0.311278
 -0.014663    -0.166382   -45.072417
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 F O R C E S

 REL_DIST            P            V2            V3
        T           M2           M3
  0.82803   -10.831597  -154.288174    -0.311278
 -0.014663    -0.115403    -9.670701
  1.00000   -10.831597  -154.288174    -0.311278
 -0.014663    -0.432344     .000000

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     0.816547     8.874672     0.291015
  0.000289     0.557866    25.070661
  0.48408     0.816547     8.874672     0.291015
  0.000289     0.357427    18.963989
  0.65605     0.816547     8.874672     0.291015
  0.000289     0.157165    12.874563
  0.82803     0.816547     8.874672     0.291015
  0.000289     0.041110     6.846572
  1.00000     0.816547     8.874672     0.291015
  0.000289     0.219985     1.112160

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    -6.735734   -44.355820    -0.259561
 -0.001769    -0.495098  -129.250002
  0.48408    -6.735734   -44.355820    -0.259561
 -0.001769    -0.316323   -98.710760
  0.65605    -6.735734   -44.355820    -0.259561
 -0.001769    -0.137601   -68.211301
  0.82803    -6.735734   -44.355820    -0.259561
 -0.001769    -0.044004   -37.746370
  1.00000    -6.735734   -44.355820    -0.259561
 -0.001769    -0.244046    -7.357548

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     1.532922    20.081086     0.458230
  0.013110     0.836226    76.829875
  0.48408     1.532922    20.081086     0.458230
  0.013110     0.521888    65.049526
  0.65605     1.532922    20.081086     0.458230
  0.013110     0.225761    76.293698
  0.82803     1.532922    20.081086     0.458230
  0.013110     0.059712   138.063927
  1.00000     1.532922    20.081086     0.458230
  0.013110     0.287973   206.219752

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -13.417476  -161.764963    -0.339814
 -0.015080    -0.648166  -242.743308
  0.48408   -13.417476  -161.764963    -0.339814
 -0.015080    -0.414088  -137.687857
  0.65605   -13.417476  -161.764963    -0.339814
 -0.015080    -0.181170   -76.141602
  0.82803   -13.417476  -161.764963    -0.339814
 -0.015080    -0.111820   -34.010133
  1.00000   -13.417476  -161.764963    -0.339814
 -0.015080    -0.426749     .000000

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     6.340613    63.077487     0.513987
  0.014267     0.941149   221.711393
  0.48408     6.340613    63.077487     0.513987
  0.014267     0.588436   180.361961
  0.65605     6.340613    63.077487     0.513987
  0.014267     0.254322   162.544107
  0.82803     6.340613    63.077487     0.513987
  0.014267     0.063071   196.440610
  1.00000     6.340613    63.077487     0.513987
  0.014267     0.308818   235.496804

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -13.107616  -161.950042    -0.365362
 -0.015120    -0.697714  -237.805180
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.48408   -13.107616  -161.950042    -0.365362
 -0.015120    -0.446039  -132.840096
  0.65605   -13.107616  -161.950042    -0.365362
 -0.015120    -0.195562   -72.447500
  0.82803   -13.107616  -161.950042    -0.365362
 -0.015120    -0.122044   -32.155597
  1.00000   -13.107616  -161.950042    -0.365362
 -0.015120    -0.475415     .000000

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     6.171290    46.615846     0.192498
  0.001664     0.367327   122.358086
  0.48408     6.171290    46.615846     0.192498
  0.001664     0.234730    90.316717
  0.65605     6.171290    46.615846     0.192498
  0.001664     0.102421    58.341092
  0.82803     6.171290    46.615846     0.192498
  0.001664     0.020766    26.689838
  1.00000     6.171290    46.615846     0.192498
  0.001664     0.115966     1.354075

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    -0.653794   -11.721680    -0.139899
 -0.000267    -0.268947   -33.131191
  0.48408    -0.653794   -11.721680    -0.139899
 -0.000267    -0.172495   -25.140979
  0.65605    -0.653794   -11.721680    -0.139899
 -0.000267    -0.076307   -17.174000
  0.82803    -0.653794   -11.721680    -0.139899
 -0.000267    -0.032703    -9.538741
  1.00000    -0.653794   -11.721680    -0.139899
 -0.000267    -0.163132    -7.927508

 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     8.314675    74.370324     0.344626
  0.013584     0.616615   262.124681
  0.48408     8.314675    74.370324     0.344626
  0.013584     0.381365   213.837650
  0.65605     8.314675    74.370324     0.344626
  0.013584     0.160438   186.911377
  0.82803     8.314675    74.370324     0.344626
  0.013584     0.040346   201.396531
  1.00000     8.314675    74.370324     0.344626
  0.013584     0.185599   216.768277

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    -5.120767  -100.805508    -0.226268
 -0.011986    -0.439461  -112.289569
  0.48408    -5.120767  -100.805508    -0.226268
 -0.011986    -0.283419   -45.419862
  0.65605    -5.120767  -100.805508    -0.226268
 -0.011986    -0.128982   -16.377329
  0.82803    -5.120767  -100.805508    -0.226268
 -0.011986    -0.103028    -7.675126
  1.00000    -5.120767  -100.805508    -0.226268
 -0.011986    -0.335442     .000000

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     7.929142    73.939443     0.587994
  0.013682     1.080021   267.542327
  0.48408     7.929142    73.939443     0.587994
  0.013682     0.677156   220.005479
  0.65605     7.929142    73.939443     0.587994
  0.013682     0.288641   194.314582
  0.82803     7.929142    73.939443     0.587994
  0.013682     0.075468   212.196868
  1.00000     7.929142    73.939443     0.587994
  0.013682     0.381337   252.795216
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    -9.535264  -142.765751    -0.458686
 -0.013270    -0.882715  -197.060774
  0.48408    -9.535264  -142.765751    -0.458686
 -0.013270    -0.566110  -101.710085
  0.65605    -9.535264  -142.765751    -0.458686
 -0.013270    -0.251661   -44.603434
  0.82803    -9.535264  -142.765751    -0.458686
 -0.013270    -0.141856    -9.876091
  1.00000    -9.535264  -142.765751    -0.458686
 -0.013270    -0.542290     .000000

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     0.674643    11.763092     0.391689
  0.000277     0.752727    33.266765
  0.48408     0.674643    11.763092     0.391689
  0.000277     0.482972    25.179082
  0.65605     0.674643    11.763092     0.391689
  0.000277     0.213334    17.111822
  0.82803     0.674643    11.763092     0.391689
  0.000277     0.059738     9.095338
  1.00000     0.674643    11.763092     0.391689
  0.000277     0.323815     1.516801

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211    -6.293402   -46.129498    -0.382952
 -0.001760    -0.729999  -135.628304
  0.48408    -6.293402   -46.129498    -0.382952
 -0.001760    -0.466019  -103.901578
  0.65605    -6.293402   -46.129498    -0.382952
 -0.001760    -0.201682   -72.110831
  0.82803    -6.293402   -46.129498    -0.382952
 -0.001760    -0.057028   -40.380948
  1.00000    -6.293402   -46.129498    -0.382952
 -0.001760    -0.326448    -9.022824

 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     1.423057    23.908524     0.601448
  0.012094     1.111286   112.963465
  0.48408     1.423057    23.908524     0.601448
  0.012094     0.698985    99.457542
  0.65605     1.423057    23.908524     0.601448
  0.012094     0.300872   107.422381
  0.82803     1.423057    23.908524     0.601448
  0.012094     0.089823   156.921592
  1.00000     1.423057    23.908524     0.601448
  0.012094     0.448778   215.719856

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -12.154721  -150.426290    -0.532082
 -0.013930    -1.016633  -239.680147
  0.48408   -12.154721  -150.426290    -0.532082
 -0.013930    -0.649861  -138.679211
  0.65605   -12.154721  -150.426290    -0.532082
 -0.013930    -0.284179   -75.520074
  0.82803   -12.154721  -150.426290    -0.532082
 -0.013930    -0.134363   -32.779644
  1.00000   -12.154721  -150.426290    -0.532082
 -0.013930    -0.547158     .000000

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     5.815811    66.643759     0.661719
  0.012920     1.222421   265.831516
  0.48408     5.815811    66.643759     0.661719
  0.012920     0.768891   222.983636
  0.65605     5.815811    66.643759     0.661719
  0.012920     0.330577   201.724205
  0.82803     5.815811    66.643759     0.661719
  0.012920     0.091124   222.248772
  1.00000     5.815811    66.643759     0.661719
  0.012920     0.463579   252.246352
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -11.738960  -150.153949    -0.554690
 -0.013703    -1.064729  -236.465987
  0.48408   -11.738960  -150.153949    -0.554690
 -0.013703    -0.682572  -135.809922
  0.65605   -11.738960  -150.153949    -0.554690
 -0.013703    -0.302521   -73.124521
  0.82803   -11.738960  -150.153949    -0.554690
 -0.013703    -0.151537   -31.252940
  1.00000   -11.738960  -150.153949    -0.554690
 -0.013703    -0.603271     .000000

 COMB     DB ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     8.901315    72.806971     0.513987
  0.015159     0.941149   230.448834
  0.48408     8.901315    72.806971     0.513987
  0.015159     0.588436   182.351944
  0.65605     8.901315    72.806971     0.513987
  0.015159     0.254322   162.544107
  0.82803     8.901315    72.806971     0.513987
  0.015159     0.063071   196.440610
  1.00000     8.901315    72.806971     0.513987
  0.015159     0.308818   236.329341

 COMB     DB ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -13.417476  -161.950042    -0.365362
 -0.015120    -0.697714  -242.743308
  0.48408   -13.417476  -161.950042    -0.365362
 -0.015120    -0.446039  -137.687857
  0.65605   -13.417476  -161.950042    -0.365362
 -0.015120    -0.195562   -76.141602
  0.82803   -13.417476  -161.950042    -0.365362
 -0.015120    -0.122044   -37.746370
  1.00000   -13.417476  -161.950042    -0.365362
 -0.015120    -0.475415    -7.357548

 COMB     DL ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     8.314675    74.370324     0.661719
  0.013682     1.222421   267.542327
  0.48408     8.314675    74.370324     0.661719
  0.013682     0.768891   222.983636
  0.65605     8.314675    74.370324     0.661719
  0.013682     0.330577   201.724205
  0.82803     8.314675    74.370324     0.661719
  0.013682     0.091124   222.248772
  1.00000     8.314675    74.370324     0.661719
  0.013682     0.463579   252.795216

 COMB     DL ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -12.154721  -150.426290    -0.554690
 -0.013930    -1.064729  -239.680147
  0.48408   -12.154721  -150.426290    -0.554690
 -0.013930    -0.682572  -138.679211
  0.65605   -12.154721  -150.426290    -0.554690
 -0.013930    -0.302521   -75.520074
  0.82803   -12.154721  -150.426290    -0.554690
 -0.013930    -0.151537   -40.380948
  1.00000   -12.154721  -150.426290    -0.554690
 -0.013930    -0.603271    -9.022824

 COMB    CAR ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     8.901315    74.370324     0.661719
  0.015159     1.222421   267.542327
  0.48408     8.901315    74.370324     0.661719
  0.015159     0.768891   222.983636
  0.65605     8.901315    74.370324     0.661719
  0.015159     0.330577   201.724205
  0.82803     8.901315    74.370324     0.661719
  0.015159     0.091124   222.248772
  1.00000     8.901315    74.370324     0.661719
  0.015159     0.463579   252.795216
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 COMB    CAR ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -13.417476  -161.950042    -0.554690
 -0.015120    -1.064729  -242.743308
  0.48408   -13.417476  -161.950042    -0.554690
 -0.015120    -0.682572  -138.679211
  0.65605   -13.417476  -161.950042    -0.554690
 -0.015120    -0.302521   -76.141602
  0.82803   -13.417476  -161.950042    -0.554690
 -0.015120    -0.151537   -40.380948
  1.00000   -13.417476  -161.950042    -0.554690
 -0.015120    -0.603271    -9.022824

 COMB  DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211     8.901315    74.370324     0.661719
  0.015159     1.222421   267.542327
  0.48408     8.901315    74.370324     0.661719
  0.015159     0.768891   222.983636
  0.65605     8.901315    74.370324     0.661719
  0.015159     0.330577   201.724205
  0.82803     8.901315    74.370324     0.661719
  0.015159     0.091124   222.248772
  1.00000     8.901315    74.370324     0.661719
  0.015159     0.463579   252.795216

 COMB  DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31211   -13.417476  -161.950042    -0.554690
 -0.015120    -1.064729  -242.743308
  0.48408   -13.417476  -161.950042    -0.554690
 -0.015120    -0.682572  -138.679211
  0.65605   -13.417476  -161.950042    -0.554690
 -0.015120    -0.302521   -76.141602
  0.82803   -13.417476  -161.950042    -0.554690
 -0.015120    -0.151537   -40.380948
  1.00000   -13.417476  -161.950042    -0.554690
 -0.015120    -0.603271    -9.022824

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 4.005052

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     6.569066    44.549285     0.149956
  0.001642     0.127571     0.967249
  0.17197     6.569066    44.549285     0.149956
  0.001642     0.024163     5.975452
  0.34395     6.569066    44.549285     0.149956
  0.001642     0.063140    12.014042
  0.51592     6.569066    44.549285     0.149956
  0.001642     0.145397    18.102918
  0.68789     6.569066    44.549285     0.149956
  0.001642     0.227633    24.208763

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.800393    -8.874226    -0.119397
 -0.000202    -0.101340    -5.532509
  0.17197    -0.800393    -8.874226    -0.119397
 -0.000202    -0.019054   -36.117871
  0.34395    -0.800393    -8.874226    -0.119397
 -0.000202    -0.078992   -66.720550
  0.51592    -0.800393    -8.874226    -0.119397
 -0.000202    -0.182269   -97.354641
  0.68789    -0.800393    -8.874226    -0.119397
 -0.000202    -0.285571  -128.026827

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    13.269234   162.201396     0.254138
  0.014923     0.223561   208.007155
  0.17197    13.269234   162.201396     0.254138
  0.014923     0.048168   136.671680
  0.34395    13.269234   162.201396     0.254138
  0.014923     0.084872    74.750679
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.51592    13.269234   162.201396     0.254138
  0.014923     0.195857    63.729093
  0.68789    13.269234   162.201396     0.254138
  0.014923     0.306785    75.377378

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -1.507265   -19.927106    -0.161049
 -0.013193    -0.176160     .000000
  0.17197    -1.507265   -19.927106    -0.161049
 -0.013193    -0.066605   -32.163649
  0.34395    -1.507265   -19.927106    -0.161049
 -0.013193    -0.143264   -74.483756
  0.51592    -1.507265   -19.927106    -0.161049
 -0.013193    -0.313984  -136.506907
  0.68789    -1.507265   -19.927106    -0.161049
 -0.013193    -0.488318  -242.262674

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    12.995050   162.312341     0.436135
  0.014977     0.373970   236.017434
  0.17197    12.995050   162.312341     0.436135
  0.014977     0.073628   193.954530
  0.34395    12.995050   162.312341     0.436135
  0.014977     0.162736   159.823280
  0.51592    12.995050   162.312341     0.436135
  0.014977     0.374474   177.738185
  0.68789    12.995050   162.312341     0.436135
  0.014977     0.586135   218.812728
```

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.380944	-62.717084	-0.307301
-0.014364	-0.300591	.000000	
0.17197	-6.380944	-62.717084	-0.307301
-0.014364	-0.090197	-30.084994	
0.34395	-6.380944	-62.717084	-0.307301
-0.014364	-0.244262	-70.435843	
0.51592	-6.380944	-62.717084	-0.307301
-0.014364	-0.540176	-131.260299	
0.68789	-6.380944	-62.717084	-0.307301
-0.014364	-0.839791	-236.863157	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.812034	8.933634	0.291832
0.000282	0.245027	1.103078	
0.17197	0.812034	8.933634	0.291832
0.000282	0.044082	23.964390	
0.34395	0.812034	8.933634	0.291832
0.000282	0.136926	54.672815	
0.51592	0.812034	8.933634	0.291832
0.000282	0.314222	85.506891	
0.68789	0.812034	8.933634	0.291832
0.000282	0.491515	116.363878	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.782011	-44.814958	-0.257411
-0.001738	-0.217686	-7.327496	
0.17197	-6.782011	-44.814958	-0.257411
-0.001738	-0.040282	-5.847613	
0.34395	-6.782011	-44.814958	-0.257411
-0.001738	-0.157069	-11.658661	
0.51592	-6.782011	-44.814958	-0.257411
-0.001738	-0.358069	-17.768809	
0.68789	-6.782011	-44.814958	-0.257411
-0.001738	-0.559072	-23.912545	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.963347	110.275415	0.435134
0.013047	0.372155	205.903443	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.17197	5.963347	110.275415	0.435134
0.013047	0.072653	180.033584	
0.34395	5.963347	110.275415	0.435134
0.013047	0.178575	154.287722	
0.51592	5.963347	110.275415	0.435134
0.013047	0.409503	179.388551	
0.68789	5.963347	110.275415	0.435134
0.013047	0.640334	227.143960	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.073238	-72.351911	-0.335144
-0.014772	-0.322240	.000000	
0.17197	-9.073238	-72.351911	-0.335144
-0.014772	-0.092687	-4.875689	
0.34395	-9.073238	-72.351911	-0.335144
-0.014772	-0.244225	-11.389166	
0.51592	-9.073238	-72.351911	-0.335144
-0.014772	-0.539552	-37.648051	
0.68789	-9.073238	-72.351911	-0.335144
-0.014772	-0.838506	-107.638615	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.818750	154.628116	0.490335
0.014569	0.419760	235.188782	
0.17197	10.818750	154.628116	0.490335
0.014569	0.082061	184.287369	
0.34395	10.818750	154.628116	0.490335
0.014569	0.190603	154.831997	
0.51592	10.818750	154.628116	0.490335
0.014569	0.438931	177.895847	
0.68789	10.818750	154.628116	0.490335
0.014569	0.687172	224.190075	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.665200	-70.451855	-0.360423
-0.015245	-0.345913	.000000	
0.17197	-8.665200	-70.451855	-0.360423
-0.015245	-0.098966	-7.939733	
0.34395	-8.665200	-70.451855	-0.360423
-0.015245	-0.272997	-43.430520	
0.51592	-8.665200	-70.451855	-0.360423
-0.015245	-0.606260	-99.125466	
0.68789	-8.665200	-70.451855	-0.360423
-0.015245	-0.943224	-199.524633	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.142848	46.235266	0.191716
0.001603	0.162780	1.354306	
0.17197	6.142848	46.235266	0.191716
0.001603	0.032719	7.872305	
0.34395	6.142848	46.235266	0.191716
0.001603	0.077934	15.833359	
0.51592	6.142848	46.235266	0.191716
0.001603	0.175642	23.848528	
0.68789	6.142848	46.235266	0.191716
0.001603	0.273431	31.884728	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.660457	-11.694388	-0.141878
-0.000192	-0.116802	-7.913309	
0.17197	-0.660457	-11.694388	-0.141878
-0.000192	-0.020621	-38.592918	
0.34395	-0.660457	-11.694388	-0.141878
-0.000192	-0.101575	-70.333893	
0.51592	-0.660457	-11.694388	-0.141878
-0.000192	-0.233415	-102.123176	
0.68789	-0.660457	-11.694388	-0.141878
-0.000192	-0.365425	-133.943210	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.022438	150.739949	0.318258
0.013763	0.277473	216.745849	
0.17197	12.022438	150.739949	0.318258
0.013763	0.059573	155.165665	
0.34395	12.022438	150.739949	0.318258
0.013763	0.116060	105.477179	
0.51592	12.022438	150.739949	0.318258
0.013763	0.267836	97.495150	
0.68789	12.022438	150.739949	0.318258
0.013763	0.421316	110.891942	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.387898	-23.712496	-0.233920
-0.012039	-0.237851	.000000	
0.17197	-1.387898	-23.712496	-0.233920
-0.012039	-0.077897	-30.585307	
0.34395	-1.387898	-23.712496	-0.233920
-0.012039	-0.181899	-73.395951	
0.51592	-1.387898	-23.712496	-0.233920
-0.012039	-0.395156	-137.021002	
0.68789	-1.387898	-23.712496	-0.233920
-0.012039	-0.612660	-238.308237	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.639178	150.425473	0.557441
0.013550	0.469455	252.783505	
0.17197	11.639178	150.425473	0.557441
0.013550	0.088026	219.832037	
0.34395	11.639178	150.425473	0.557441
0.013550	0.236010	198.929441	
0.51592	11.639178	150.425473	0.557441
0.013550	0.544031	220.110297	
0.68789	11.639178	150.425473	0.557441
0.013550	0.854846	262.789104	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.840806	-66.340509	-0.461145
-0.012912	-0.429438	.000000	
0.17197	-5.840806	-66.340509	-0.461145
-0.012912	-0.113977	-28.759726	
0.34395	-5.840806	-66.340509	-0.461145
-0.012912	-0.319520	-70.569749	
0.51592	-5.840806	-66.340509	-0.461145
-0.012912	-0.697373	-133.675800	
0.68789	-5.840806	-66.340509	-0.461145
-0.012912	-1.079590	-234.595745	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.669664	11.791873	0.385996
0.000244	0.320832	1.500434	
0.17197	0.669664	11.791873	0.385996
0.000244	0.055000	24.703028	
0.34395	0.669664	11.791873	0.385996
0.000244	0.200424	56.278061	
0.51592	0.669664	11.791873	0.385996
0.000244	0.459654	88.131525	
0.68789	0.669664	11.791873	0.385996
0.000244	0.718812	120.085220	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.321705	-46.509342	-0.375742
-0.001695	-0.314697	-8.996171	
0.17197	-6.321705	-46.509342	-0.375742
-0.001695	-0.056037	-8.294683	
0.34395	-6.321705	-46.509342	-0.375742
-0.001695	-0.210955	-15.943806	
0.51592	-6.321705	-46.509342	-0.375742
-0.001695	-0.476784	-23.942284	
0.68789	-6.321705	-46.509342	-0.375742
-0.001695	-0.742646	-32.011365	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.171606	101.015544	0.568494
0.011965	0.477062	215.696432	
0.17197	5.171606	101.015544	0.568494
0.011965	0.086049	199.122711	
0.34395	5.171606	101.015544	0.568494
0.011965	0.272522	184.355044	
0.51592	5.171606	101.015544	0.568494
0.011965	0.627766	211.137249	
0.68789	5.171606	101.015544	0.568494
0.011965	0.984187	259.232211	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.458431	-74.072264	-0.528371
-0.013596	-0.483974	.000000	
0.17197	-8.458431	-74.072264	-0.528371
-0.013596	-0.121044	-6.367055	
0.34395	-8.458431	-74.072264	-0.528371
-0.013596	-0.325883	-15.105335	
0.51592	-8.458431	-74.072264	-0.528371
-0.013596	-0.711949	-44.547482	
0.68789	-8.458431	-74.072264	-0.528371
-0.013596	-1.101736	-111.618735	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.526125	143.081433	0.627163
0.013122	0.528516	252.234574	
0.17197	9.526125	143.081433	0.627163
0.013122	0.097917	209.755489	
0.34395	9.526125	143.081433	0.627163
0.013122	0.280638	191.328841	
0.51592	9.526125	143.081433	0.627163
0.013122	0.651578	216.844939	
0.68789	9.526125	143.081433	0.627163
0.013122	1.023571	264.189203	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.042056	-73.684501	-0.551004
-0.013755	-0.506757	.000000	
0.17197	-8.042056	-73.684501	-0.551004
-0.013755	-0.128204	-8.067832	
0.34395	-8.042056	-73.684501	-0.551004
-0.013755	-0.355424	-42.630854	
0.51592	-8.042056	-73.684501	-0.551004
-0.013755	-0.781839	-100.174456	
0.68789	-8.042056	-73.684501	-0.551004
-0.013755	-1.212001	-195.790046	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.269234	162.312341	0.490335
0.014977	0.419760	236.017434	
0.17197	13.269234	162.312341	0.490335
0.014977	0.082061	193.954530	
0.34395	13.269234	162.312341	0.490335
0.014977	0.190603	159.823280	
0.51592	13.269234	162.312341	0.490335
0.014977	0.438931	179.388551	
0.68789	13.269234	162.312341	0.490335
0.014977	0.687172	227.143960	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.073238	-72.351911	-0.360423
-0.015245	-0.345913	-7.327496	
0.17197	-9.073238	-72.351911	-0.360423
-0.015245	-0.098966	-36.117871	
0.34395	-9.073238	-72.351911	-0.360423
-0.015245	-0.272997	-74.483756	
0.51592	-9.073238	-72.351911	-0.360423
-0.015245	-0.606260	-136.506907	
0.68789	-9.073238	-72.351911	-0.360423
-0.015245	-0.943224	-242.262674	

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.022438	150.739949	0.627163
0.013763	0.528516	252.783505	
0.17197	12.022438	150.739949	0.627163
0.013763	0.097917	219.832037	
0.34395	12.022438	150.739949	0.627163
0.013763	0.280638	198.929441	
0.51592	12.022438	150.739949	0.627163
0.013763	0.651578	220.110297	
0.68789	12.022438	150.739949	0.627163
0.013763	1.023571	264.189203	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.458431	-74.072264	-0.551004
-0.013755	-0.506757	-8.996171	
0.17197	-8.458431	-74.072264	-0.551004
-0.013755	-0.128204	-38.592918	
0.34395	-8.458431	-74.072264	-0.551004
-0.013755	-0.355424	-73.395951	
0.51592	-8.458431	-74.072264	-0.551004
-0.013755	-0.781839	-137.021002	
0.68789	-8.458431	-74.072264	-0.551004
-0.013755	-1.212001	-238.308237	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.269234	162.312341	0.627163
0.014977	0.528516	252.783505	
0.17197	13.269234	162.312341	0.627163
0.014977	0.097917	219.832037	
0.34395	13.269234	162.312341	0.627163
0.014977	0.280638	198.929441	
0.51592	13.269234	162.312341	0.627163
0.014977	0.651578	220.110297	
0.68789	13.269234	162.312341	0.627163
0.014977	1.023571	264.189203	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.073238	-74.072264	-0.551004
-0.015245	-0.506757	-8.996171	
0.17197	-9.073238	-74.072264	-0.551004
-0.015245	-0.128204	-38.592918	
0.34395	-9.073238	-74.072264	-0.551004
-0.015245	-0.355424	-74.483756	
0.51592	-9.073238	-74.072264	-0.551004
-0.015245	-0.781839	-137.021002	
0.68789	-9.073238	-74.072264	-0.551004
-0.015245	-1.212001	-242.262674	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.269234	162.312341	0.627163
0.014977	0.528516	252.783505	
0.17197	13.269234	162.312341	0.627163
0.014977	0.097917	219.832037	
0.34395	13.269234	162.312341	0.627163
0.014977	0.280638	198.929441	
0.51592	13.269234	162.312341	0.627163
0.014977	0.651578	220.110297	
0.68789	13.269234	162.312341	0.627163
0.014977	1.023571	264.189203	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.073238	-74.072264	-0.551004
-0.015245	-0.506757	-8.996171	
0.17197	-9.073238	-74.072264	-0.551004
-0.015245	-0.128204	-38.592918	
0.34395	-9.073238	-74.072264	-0.551004
-0.015245	-0.355424	-74.483756	
0.51592	-9.073238	-74.072264	-0.551004
-0.015245	-0.781839	-137.021002	
0.68789	-9.073238	-74.072264	-0.551004
-0.015245	-1.212001	-242.262674	

FRAME ELEMENT INTERNAL FORCES

ELEM 99 ========== LENGTH = 4.005001

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.637064	47.855249	0.164023
0.001270	0.312900	126.493471	
0.48408	6.637064	47.855249	0.164023
0.001270	0.199922	93.542377	
0.65605	6.637064	47.855249	0.164023
0.001270	0.086931	60.625001	
0.82803	6.637064	47.855249	0.164023
0.001270	0.021083	27.839848	
1.00000	6.637064	47.855249	0.164023
0.001270	0.117676	0.973987	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.558278	-4.746351	-0.140319
-0.000757	-0.269083	-12.893402	
0.48408	-0.558278	-4.746351	-0.140319
-0.000757	-0.172459	-9.629996	
0.65605	-0.558278	-4.746351	-0.140319
-0.000757	-0.075863	-6.403932	
0.82803	-0.558278	-4.746351	-0.140319
-0.000757	-0.025856	-3.452932	
1.00000	-0.558278	-4.746351	-0.140319
-0.000757	-0.138968	-5.482079	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.883645	76.154078	0.269599
0.014211	0.473692	239.956600	
0.48408	8.883645	76.154078	0.269599
0.014211	0.289564	189.558814	
0.65605	8.883645	76.154078	0.269599
0.014211	0.123648	162.791275	
0.82803	8.883645	76.154078	0.269599
0.014211	0.035114	185.907549	
1.00000	8.883645	76.154078	0.269599
0.014211	0.157332	209.211819	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-5.711073	-105.185880	-0.189505
-0.013601	-0.366305	-93.768607	
0.48408	-5.711073	-105.185880	-0.189505
-0.013601	-0.235856	-28.064296	
0.65605	-5.711073	-105.185880	-0.189505
-0.013601	-0.106507	-5.751187	
0.82803	-5.711073	-105.185880	-0.189505
-0.013601	-0.083534	-2.638159	
1.00000	-5.711073	-105.185880	-0.189505
-0.013601	-0.269098	.000000	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.341031	71.283335	0.424531
0.015021	0.768435	228.153156	
0.48408	8.341031	71.283335	0.424531
0.015021	0.477670	181.239793	
0.65605	8.341031	71.283335	0.424531
0.015021	0.205523	158.612138	
0.82803	8.341031	71.283335	0.424531
0.015021	0.056710	187.451871	
1.00000	8.341031	71.283335	0.424531
0.015021	0.272398	237.355487	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-10.723650	-151.489893	-0.325220
-0.014829	-0.625166	-191.676700	
0.48408	-10.723650	-151.489893	-0.325220
-0.014829	-0.401247	-94.225805	
0.65605	-10.723650	-151.489893	-0.325220
-0.014829	-0.178430	-41.138466	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.82803	-10.723650	-151.489893	-0.325220
-0.014829	-0.109095	-7.662850	
1.00000	-10.723650	-151.489893	-0.325220
-0.014829	-0.401276	.000000	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.560991	4.690675	0.257710
0.000707	0.495804	13.576488	
0.48408	0.560991	4.690675	0.257710
0.000707	0.318456	10.355194	
0.65605	0.560991	4.690675	0.257710
0.000707	0.141194	7.154932	
0.82803	0.560991	4.690675	0.257710
0.000707	0.039341	4.008541	
1.00000	0.560991	4.690675	0.257710
0.000707	0.210638	1.076361	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.755357	-47.161680	-0.248726
-0.001256	-0.474617	-137.180766	
0.48408	-6.755357	-47.161680	-0.248726
-0.001256	-0.303313	-104.714749	
0.65605	-6.755357	-47.161680	-0.248726
-0.001256	-0.132011	-72.284471	
0.82803	-6.755357	-47.161680	-0.248726
-0.001256	-0.037221	-39.879542	
1.00000	-6.755357	-47.161680	-0.248726
-0.001256	-0.214255	-7.516074	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.200114	15.142237	0.389990
0.013758	0.707085	62.763794	
0.48408	1.200114	15.142237	0.389990
0.013758	0.440037	54.397281	
0.65605	1.200114	15.142237	0.389990
0.013758	0.191345	69.670039	
0.82803	1.200114	15.142237	0.389990
0.013758	0.058763	134.849683	
1.00000	1.200114	15.142237	0.389990
0.013758	0.274872	206.819411	

COMB DB-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.538681	-165.055450	-0.325406
-0.014447	-0.623175	-251.213205	
0.48408	-13.538681	-165.055450	-0.325406
-0.014447	-0.399144	-144.264024	
0.65605	-13.538681	-165.055450	-0.325406
-0.014447	-0.176052	-80.698278	
0.82803	-13.538681	-165.055450	-0.325406
-0.014447	-0.099799	-36.303791	
1.00000	-13.538681	-165.055450	-0.325406
-0.014447	-0.367639	.000000	

COMB DB-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.022860	60.320711	0.459601
0.014576	0.838362	214.086353	
0.48408	6.022860	60.320711	0.459601
0.014576	0.523404	174.646270	
0.65605	6.022860	60.320711	0.459601
0.014576	0.227206	159.363177	
0.82803	6.022860	60.320711	0.459601
0.014576	0.063387	195.096450	
1.00000	6.022860	60.320711	0.459601
0.014576	0.308092	236.414625	

COMB DB-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.093446	-162.333557	-0.367424
-0.014877	-0.708336	-239.009244	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.48408	-13.093446	-162.333557	-0.367424
-0.014877	-0.457263	-134.191762	
0.65605	-13.093446	-162.333557	-0.367424
-0.014877	-0.207583	-73.793315	
0.82803	-13.093446	-162.333557	-0.367424
-0.014877	-0.112273	-33.225882	
1.00000	-13.093446	-162.333557	-0.367424
-0.014877	-0.428108	.000000	

COMB DL-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.284410	51.446656	0.235755
0.001159	0.451073	135.674719	
0.48408	6.284410	51.446656	0.235755
0.001159	0.288460	100.281891	
0.65605	6.284410	51.446656	0.235755
0.001159	0.125658	64.947573	
0.82803	6.284410	51.446656	0.235755
0.001159	0.026269	29.920498	
1.00000	6.284410	51.446656	0.235755
0.001159	0.165685	1.361050	

COMB DL-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.472212	-7.324039	-0.202424
-0.000693	-0.392027	-20.766118	
0.48408	-0.472212	-7.324039	-0.202424
-0.000693	-0.252643	-15.756383	
0.65605	-0.472212	-7.324039	-0.202424
-0.000693	-0.113196	-10.819936	
0.82803	-0.472212	-7.324039	-0.202424
-0.000693	-0.035088	-6.161155	
1.00000	-0.472212	-7.324039	-0.202424
-0.000693	-0.196963	-7.750860	

COMB DL-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.386944	80.034153	0.364019
0.012965	0.654442	278.015568	
0.48408	8.386944	80.034153	0.364019
0.012965	0.405068	225.907541	
0.65605	8.386944	80.034153	0.364019
0.012965	0.171639	195.365960	
0.82803	8.386944	80.034153	0.364019
0.012965	0.042811	206.060013	
1.00000	8.386944	80.034153	0.364019
0.012965	0.237661	217.649468	

COMB DL-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-4.992895	-95.644950	-0.289305
-0.012444	-0.564871	-97.587106	
0.48408	-4.992895	-95.644950	-0.289305
-0.012444	-0.365742	-34.297820	
0.65605	-4.992895	-95.644950	-0.289305
-0.012444	-0.170267	-9.142610	
0.82803	-4.992895	-95.644950	-0.289305
-0.012444	-0.098379	-4.055290	
1.00000	-4.992895	-95.644950	-0.289305
-0.012444	-0.347291	.000000	

COMB DL-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	7.864840	76.395695	0.553970
0.013405	1.015807	273.133877	
0.48408	7.864840	76.395695	0.553970
0.013405	0.635622	223.942330	
0.65605	7.864840	76.395695	0.553970
0.013405	0.271389	196.794139	
0.82803	7.864840	76.395695	0.553970
0.013405	0.073090	213.248576	
1.00000	7.864840	76.395695	0.553970
0.013405	0.399998	253.756453	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-9.543701	-140.940894	-0.480667
-0.013273	-0.929506	-190.251772	
0.48408	-9.543701	-140.940894	-0.480667
-0.013273	-0.598579	-96.148542	
0.65605	-9.543701	-140.940894	-0.480667
-0.013273	-0.271121	-40.614717	
0.82803	-9.543701	-140.940894	-0.480667
-0.013273	-0.129398	-7.303672	
1.00000	-9.543701	-140.940894	-0.480667
-0.013273	-0.508820	.000000	

COMB DL-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.474695	7.336309	0.334262
0.000698	0.643780	20.994397	
0.48408	0.474695	7.336309	0.334262
0.000698	0.413452	15.963598	
0.65605	0.474695	7.336309	0.334262
0.000698	0.182937	10.961057	
0.82803	0.474695	7.336309	0.334262
0.000698	0.053920	6.024688	
1.00000	0.474695	7.336309	0.334262
0.000698	0.291292	1.491277	

COMB DL-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.406710	-50.918249	-0.343994
-0.001187	-0.656154	-148.937549	
0.48408	-6.406710	-50.918249	-0.343994
-0.001187	-0.419201	-113.895116	
0.65605	-6.406710	-50.918249	-0.343994
-0.001187	-0.182170	-78.885415	
0.82803	-6.406710	-50.918249	-0.343994
-0.001187	-0.046585	-43.921903	
1.00000	-6.406710	-50.918249	-0.343994
-0.001187	-0.276434	-9.295606	

COMB DL-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.144945	18.724940	0.491303
0.012613	0.900506	98.508690	
0.48408	1.144945	18.724940	0.491303
0.012613	0.563639	88.642889	
0.65605	1.144945	18.724940	0.491303
0.012613	0.243186	100.309280	
0.82803	1.144945	18.724940	0.491303
0.012613	0.080071	153.264422	
1.00000	1.144945	18.724940	0.491303
0.012613	0.396829	216.059449	

COMB DL-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.389575	-156.015977	-0.465076
-0.013200	-0.889537	-254.608604	
0.48408	-12.389575	-156.015977	-0.465076
-0.013200	-0.569282	-149.763392	
0.65605	-12.389575	-156.015977	-0.465076
-0.013200	-0.252458	-83.005570	
0.82803	-12.389575	-156.015977	-0.465076
-0.013200	-0.115286	-36.332452	
1.00000	-12.389575	-156.015977	-0.465076
-0.013200	-0.452214	.000000	

COMB DL-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	5.593076	64.834247	0.585688
0.013090	1.080228	260.627029	
0.48408	5.593076	64.834247	0.585688
0.013090	0.678221	219.243122	
0.65605	5.593076	64.834247	0.585688
0.013090	0.292322	199.605313	
0.82803	5.593076	64.834247	0.585688
0.013090	0.082459	221.761349	
1.00000	5.593076	64.834247	0.585688
0.013090	0.444389	252.993827	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-11.867059	-152.553257	-0.533467
-0.013301	-1.031972	-242.467091	
0.48408	-11.867059	-152.553257	-0.533467
-0.013301	-0.665288	-140.313119	
0.65605	-11.867059	-152.553257	-0.533467
-0.013301	-0.302213	-76.475858	
0.82803	-11.867059	-152.553257	-0.533467
-0.013301	-0.132731	-33.324505	
1.00000	-11.867059	-152.553257	-0.533467
-0.013301	-0.531863	.000000	

COMB DB ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.883645	76.154078	0.459601
0.015021	0.838362	239.956600	
0.48408	8.883645	76.154078	0.459601
0.015021	0.523404	189.558814	
0.65605	8.883645	76.154078	0.459601
0.015021	0.227206	162.791275	
0.82803	8.883645	76.154078	0.459601
0.015021	0.063387	195.096450	
1.00000	8.883645	76.154078	0.459601
0.015021	0.308092	237.355487	

COMB DB ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.538681	-165.055450	-0.367424
-0.014877	-0.708336	-251.213205	
0.48408	-13.538681	-165.055450	-0.367424
-0.014877	-0.457263	-144.264024	
0.65605	-13.538681	-165.055450	-0.367424
-0.014877	-0.207583	-80.698278	
0.82803	-13.538681	-165.055450	-0.367424
-0.014877	-0.112273	-39.879542	
1.00000	-13.538681	-165.055450	-0.367424
-0.014877	-0.428108	-7.516074	

COMB DL ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.386944	80.034153	0.585688
0.013405	1.080228	278.015568	
0.48408	8.386944	80.034153	0.585688
0.013405	0.678221	225.907541	
0.65605	8.386944	80.034153	0.585688
0.013405	0.292322	199.605313	
0.82803	8.386944	80.034153	0.585688
0.013405	0.082459	221.761349	
1.00000	8.386944	80.034153	0.585688
0.013405	0.444389	253.756453	

COMB DL ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.389575	-156.015977	-0.533467
-0.013301	-1.031972	-254.608604	
0.48408	-12.389575	-156.015977	-0.533467
-0.013301	-0.665288	-149.763392	
0.65605	-12.389575	-156.015977	-0.533467
-0.013301	-0.302213	-83.005570	
0.82803	-12.389575	-156.015977	-0.533467
-0.013301	-0.132731	-43.921903	
1.00000	-12.389575	-156.015977	-0.533467
-0.013301	-0.531863	-9.295606	

COMB CAR ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.883645	80.034153	0.585688
0.015021	1.080228	278.015568	
0.48408	8.883645	80.034153	0.585688
0.015021	0.678221	225.907541	
0.65605	8.883645	80.034153	0.585688
0.015021	0.292322	199.605313	
0.82803	8.883645	80.034153	0.585688
0.015021	0.082459	221.761349	
1.00000	8.883645	80.034153	0.585688
0.015021	0.444389	253.756453	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.538681	-165.055450	-0.533467
-0.014877	-1.031972	-254.608604	
0.48408	-13.538681	-165.055450	-0.533467
-0.014877	-0.665288	-149.763392	
0.65605	-13.538681	-165.055450	-0.533467
-0.014877	-0.302213	-83.005570	
0.82803	-13.538681	-165.055450	-0.533467
-0.014877	-0.132731	-43.921903	
1.00000	-13.538681	-165.055450	-0.533467
-0.014877	-0.531863	-9.295606	

COMB DESIGN ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.883645	80.034153	0.585688
0.015021	1.080228	278.015568	
0.48408	8.883645	80.034153	0.585688
0.015021	0.678221	225.907541	
0.65605	8.883645	80.034153	0.585688
0.015021	0.292322	199.605313	
0.82803	8.883645	80.034153	0.585688
0.015021	0.082459	221.761349	
1.00000	8.883645	80.034153	0.585688
0.015021	0.444389	253.756453	

COMB DESIGN ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.538681	-165.055450	-0.533467
-0.014877	-1.031972	-254.608604	
0.48408	-13.538681	-165.055450	-0.533467
-0.014877	-0.665288	-149.763392	
0.65605	-13.538681	-165.055450	-0.533467
-0.014877	-0.302213	-83.005570	
0.82803	-13.538681	-165.055450	-0.533467
-0.014877	-0.132731	-43.921903	
1.00000	-13.538681	-165.055450	-0.533467
-0.014877	-0.531863	-9.295606	

ELEM 100 ========== LENGTH = 4.005003

COMB DB-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.588347	47.424629	0.163754
0.001151	0.139139	0.974151	
0.17197	6.588347	47.424629	0.163754
0.001151	0.026222	3.393526	
0.34395	6.588347	47.424629	0.163754
0.001151	0.077177	6.546978	
0.51592	6.588347	47.424629	0.163754
0.001151	0.176949	9.750704	
0.68789	6.588347	47.424629	0.163754
0.001151	0.276733	12.976772	

COMB DB-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.563721	-4.690928	-0.144875
-0.000716	-0.122443	-5.460860	
0.17197	-0.563721	-4.690928	-0.144875
-0.000716	-0.022596	-38.048724	
0.34395	-0.563721	-4.690928	-0.144875
-0.000716	-0.086395	-70.636599	
0.51592	-0.563721	-4.690928	-0.144875
-0.000716	-0.199209	-103.249273	
0.68789	-0.563721	-4.690928	-0.144875
-0.000716	-0.312001	-135.900242	

COMB DB-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.204927	165.645474	0.244864
0.014335	0.215632	208.885049	
0.17197	13.204927	165.645474	0.244864
0.014335	0.046853	133.710851	
0.34395	13.204927	165.645474	0.244864
0.014335	0.099015	68.343643	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.51592	13.204927	165.645474	0.244864
0.014335	0.231426	53.314782	
0.68789	13.204927	165.645474	0.244864
0.014335	0.363826	61.521691	

COMB DB-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.269387	-14.965019	-0.208815
-0.013798	-0.218457	.000000	
0.17197	-1.269387	-14.965019	-0.208815
-0.013798	-0.074594	-34.235350	
0.34395	-1.269387	-14.965019	-0.208815
-0.013798	-0.138927	-78.881397	
0.51592	-1.269387	-14.965019	-0.208815
-0.013798	-0.302392	-143.041155	
0.68789	-1.269387	-14.965019	-0.208815
-0.013798	-0.470291	-250.858609	

COMB DB-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.762644	162.848097	0.401766
0.014814	0.344127	237.043184	
0.17197	12.762644	162.848097	0.401766
0.014814	0.067606	192.679630	
0.34395	12.762644	162.848097	0.401766
0.014814	0.169999	156.592885	
0.51592	12.762644	162.848097	0.401766
0.014814	0.394018	171.946250	
0.68789	12.762644	162.848097	0.401766
0.014814	0.618013	211.037315	

COMB DB-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.232550	-59.871507	-0.342179
-0.014609	-0.331799	.000000	
0.17197	-6.232550	-59.871507	-0.342179
-0.014609	-0.095923	-31.134280	
0.34395	-6.232550	-59.871507	-0.342179
-0.014609	-0.227210	-71.819744	
0.51592	-6.232550	-59.871507	-0.342179
-0.014609	-0.498468	-132.743627	
0.68789	-6.232550	-59.871507	-0.342179
-0.014609	-0.774418	-238.387768	

COMB DB-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.556867	4.746089	0.262130
0.000806	0.219184	1.070382	
0.17197	0.556867	4.746089	0.262130
0.000806	0.038783	25.720357	
0.34395	0.556867	4.746089	0.262130
0.000806	0.131084	58.318051	
0.51592	0.556867	4.746089	0.262130
0.000806	0.300203	91.052776	
0.68789	0.556867	4.746089	0.262130
0.000806	0.469311	123.821673	

COMB DB-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.802974	-47.592532	-0.245543
-0.001233	-0.207162	-7.484658	
0.17197	-6.802974	-47.592532	-0.245543
-0.001233	-0.037929	-2.915618	
0.34395	-6.802974	-47.592532	-0.245543
-0.001233	-0.141913	-5.842982	
0.51592	-6.802974	-47.592532	-0.245543
-0.001233	-0.322451	-9.058489	
0.68789	-6.802974	-47.592532	-0.245543
-0.001233	-0.502992	-12.318845	

COMB DB-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.585288	105.379380	0.370335
0.013727	0.316418	206.504823	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.17197	5.585288	105.379380	0.370335
0.013727	0.061619	182.843331	
0.34395	5.585288	105.379380	0.370335
0.013727	0.168356	159.292638	
0.51592	5.585288	105.379380	0.370335
0.013727	0.388538	186.039966	
0.68789	5.585288	105.379380	0.370335
0.013727	0.608710	236.006859	

COMB DB-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.157178	-75.581574	-0.336268
-0.014197	-0.324650	.000000	
0.17197	-9.157178	-75.581574	-0.336268
-0.014197	-0.093000	-1.941346	
0.34395	-9.157178	-75.581574	-0.336268
-0.014197	-0.211222	-5.032265	
0.51592	-9.157178	-75.581574	-0.336268
-0.014197	-0.460984	-27.683242	
0.68789	-9.157178	-75.581574	-0.336268
-0.014197	-0.715244	-93.985277	

COMB DB-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.455329	151.957061	0.439083
0.014886	0.375457	236.107374	
0.17197	10.455329	151.957061	0.439083
0.014886	0.073068	184.735085	
0.34395	10.455329	151.957061	0.439083
0.014886	0.189969	155.220498	
0.51592	10.455329	151.957061	0.439083
0.014886	0.440710	177.832823	
0.68789	10.455329	151.957061	0.439083
0.014886	0.691435	224.348200	

COMB DB-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.611898	-70.786498	-0.380992
-0.015030	-0.365296	.000000	
0.17197	-8.611898	-70.786498	-0.380992
-0.015030	-0.102921	-6.063439	
0.34395	-8.611898	-70.786498	-0.380992
-0.015030	-0.247235	-39.702617	
0.51592	-8.611898	-70.786498	-0.380992
-0.015030	-0.544254	-93.312670	
0.68789	-8.611898	-70.786498	-0.380992
-0.015030	-0.845844	-191.558751	

COMB DL-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.254367	51.093897	0.238180
0.001063	0.201450	1.361307	
0.17197	6.254367	51.093897	0.238180
0.001063	0.037261	4.817967	
0.34395	6.254367	51.093897	0.238180
0.001063	0.114758	9.724535	
0.51592	6.254367	51.093897	0.238180
0.001063	0.257659	14.695451	
0.68789	6.254367	51.093897	0.238180

0.001063 0.400712 19.696244

COMB DL-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.478668	-7.312065	-0.207679
-0.000595	-0.171483	-7.735395	
0.17197	-0.478668	-7.312065	-0.207679
-0.000595	-0.028215	-41.603920	
0.34395	-0.478668	-7.312065	-0.207679
-0.000595	-0.124793	-76.673582	
0.51592	-0.478668	-7.312065	-0.207679
-0.000595	-0.289477	-111.798540	
0.68789	-0.478668	-7.312065	-0.207679
-0.000595	-0.453622	-146.960338	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.064303	156.478733	0.343704
0.013055	0.298304	217.629607	
0.17197	12.064303	156.478733	0.343704
0.013055	0.161814	151.717226	
0.34395	12.064303	156.478733	0.343704
0.013055	0.152222	98.580853	
0.51592	12.064303	156.478733	0.343704
0.013055	0.351400	86.900431	
0.68789	12.064303	156.478733	0.343704
0.013055	0.556595	96.799111	

COMB DL-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.235122	-18.558601	-0.312059
-0.012532	-0.303304	.000000	
0.17197	-1.235122	-18.558601	-0.312059
-0.012532	-0.088073	-33.755309	
0.34395	-1.235122	-18.558601	-0.312059
-0.012532	-0.191412	-80.566558	
0.51592	-1.235122	-18.558601	-0.312059
-0.012532	-0.421298	-147.922263	
0.68789	-1.235122	-18.558601	-0.312059
-0.012532	-0.657886	-253.143622	

COMB DL-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.543855	152.942058	0.530042
0.013218	0.445212	253.748495	
0.17197	11.543855	152.942058	0.530042
0.013218	0.082079	219.449151	
0.34395	11.543855	152.942058	0.530042
0.013218	0.250993	196.768761	
0.51592	11.543855	152.942058	0.530042
0.013218	0.579203	216.171259	
0.68789	11.543855	152.942058	0.530042
0.013218	0.913361	257.398103	

COMB DL-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.825521	-64.484199	-0.499262
-0.013009	-0.462153	.000000	
0.17197	-5.825521	-64.484199	-0.499262
-0.013009	-0.118902	-30.774545	
0.34395	-5.825521	-64.484199	-0.499262
-0.013009	-0.301351	-73.768805	
0.51592	-5.825521	-64.484199	-0.499262
-0.013009	-0.659567	-138.032595	
0.68789	-5.825521	-64.484199	-0.499262
-0.013009	-1.024463	-240.464762	

COMB DL-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.469357	7.354324	0.329941
0.000682	0.273002	1.476453	
0.17197	0.469357	7.354324	0.329941
0.000682	0.045841	27.483034	
0.34395	0.469357	7.354324	0.329941
0.000682	0.180937	62.337052	
0.51592	0.469357	7.354324	0.329941
0.000682	0.414590	97.510632	
0.68789	0.469357	7.354324	0.329941
0.000682	0.648200	132.779874	

COMB DL-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.436403	-51.269391	-0.339093
-0.001139	-0.285710	-9.266963	
0.17197	-6.436403	-51.269391	-0.339093
-0.001139	-0.051690	-5.039999	
0.34395	-6.436403	-51.269391	-0.339093
-0.001139	-0.180298	-9.683850	
0.51592	-6.436403	-51.269391	-0.339093
-0.001139	-0.408275	-14.660576	
0.68789	-6.436403	-51.269391	-0.339093
-0.001139	-0.635491	-19.674485	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.863845	95.850291	0.461937
0.012491	0.386869	216.039746	
0.17197	4.863845	95.850291	0.461937
0.012491	0.068803	203.046524	
0.34395	4.863845	95.850291	0.461937
0.012491	0.237126	191.974771	
0.51592	4.863845	95.850291	0.461937
0.012491	0.548713	222.354157	
0.68789	4.863845	95.850291	0.461937
0.012491	0.866227	274.242650	

COMB DL-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.671909	-79.612213	-0.475062
-0.012989	-0.442332	.000000	
0.17197	-8.671909	-79.612213	-0.475062
-0.012989	-0.114410	-2.734492	
0.34395	-8.671909	-79.612213	-0.475062
-0.012989	-0.266905	-7.789142	
0.51592	-8.671909	-79.612213	-0.475062
-0.012989	-0.577849	-33.378819	
0.68789	-8.671909	-79.612213	-0.475062
-0.012989	-0.895652	-96.841841	

COMB DL-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.272377	141.330815	0.559181
0.013264	0.469880	252.986251	
0.17197	9.272377	141.330815	0.559181
0.013264	0.085459	210.386837	
0.34395	9.272377	141.330815	0.559181
0.013264	0.273683	193.191259	
0.51592	9.272377	141.330815	0.559181
0.013264	0.635542	220.173224	
0.68789	9.272377	141.330815	0.559181
0.013264	1.003306	269.150573	

COMB DL-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.148607	-76.048169	-0.548050
-0.013427	-0.506398	.000000	
0.17197	-8.148607	-76.048169	-0.548050
-0.013427	-0.128363	-5.357757	
0.34395	-8.148607	-76.048169	-0.548050
-0.013427	-0.316823	-38.459649	
0.51592	-8.148607	-76.048169	-0.548050
-0.013427	-0.695096	-94.499975	
0.68789	-8.148607	-76.048169	-0.548050
-0.013427	-1.080062	-188.893443	

COMB DB ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.204927	165.645474	0.439083
0.014886	0.375457	237.043184	
0.17197	13.204927	165.645474	0.439083
0.014886	0.073068	192.679630	
0.34395	13.204927	165.645474	0.439083
0.014886	0.189969	159.292638	
0.51592	13.204927	165.645474	0.439083
0.014886	0.440710	186.039966	
0.68789	13.204927	165.645474	0.439083
0.014886	0.691435	236.006859	

COMB DB ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.157178	-75.581574	-0.380992
-0.015030	-0.365296	-7.484658	
0.17197	-9.157178	-75.581574	-0.380992
-0.015030	-0.102921	-38.048724	
0.34395	-9.157178	-75.581574	-0.380992
-0.015030	-0.247235	-78.881397	
0.51592	-9.157178	-75.581574	-0.380992
-0.015030	-0.544254	-143.041155	
0.68789	-9.157178	-75.581574	-0.380992
-0.015030	-0.845844	-250.858609	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.064303	156.478733	0.559181
0.013264	0.469880	253.748495	
0.17197	12.064303	156.478733	0.559181
0.013264	0.085459	219.449151	
0.34395	12.064303	156.478733	0.559181
0.013264	0.273683	196.768761	
0.51592	12.064303	156.478733	0.559181
0.013264	0.635542	222.354157	
0.68789	12.064303	156.478733	0.559181
0.013264	1.003306	274.242650	

COMB DL ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.671909	-79.612213	-0.548050
-0.013427	-0.506398	-9.266963	
0.17197	-8.671909	-79.612213	-0.548050
-0.013427	-0.128363	-41.603920	
0.34395	-8.671909	-79.612213	-0.548050
-0.013427	-0.316823	-80.566558	
0.51592	-8.671909	-79.612213	-0.548050
-0.013427	-0.695096	-147.922263	
0.68789	-8.671909	-79.612213	-0.548050
-0.013427	-1.080062	-253.143622	

COMB CAR ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.204927	165.645474	0.559181
0.014886	0.469880	253.748495	
0.17197	13.204927	165.645474	0.559181
0.014886	0.085459	219.449151	
0.34395	13.204927	165.645474	0.559181
0.014886	0.273683	196.768761	
0.51592	13.204927	165.645474	0.559181
0.014886	0.635542	222.354157	
0.68789	13.204927	165.645474	0.559181
0.014886	1.003306	274.242650	

COMB CAR ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.157178	-79.612213	-0.548050
-0.015030	-0.506398	-9.266963	
0.17197	-9.157178	-79.612213	-0.548050
-0.015030	-0.128363	-41.603920	
0.34395	-9.157178	-79.612213	-0.548050
-0.015030	-0.316823	-80.566558	
0.51592	-9.157178	-79.612213	-0.548050
-0.015030	-0.695096	-147.922263	
0.68789	-9.157178	-79.612213	-0.548050
-0.015030	-1.080062	-253.143622	

COMB DESIGN ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.204927	165.645474	0.559181
0.014886	0.469880	253.748495	
0.17197	13.204927	165.645474	0.559181
0.014886	0.085459	219.449151	
0.34395	13.204927	165.645474	0.559181
0.014886	0.273683	196.768761	
0.51592	13.204927	165.645474	0.559181
0.014886	0.635542	222.354157	
0.68789	13.204927	165.645474	0.559181
0.014886	1.003306	274.242650	

COMB DESIGN ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.157178	-79.612213	-0.548050
-0.015030	-0.506398	-9.266963	
0.17197	-9.157178	-79.612213	-0.548050
-0.015030	-0.128363	-41.603920	
0.34395	-9.157178	-79.612213	-0.548050
-0.015030	-0.316823	-80.566558	
0.51592	-9.157178	-79.612213	-0.548050
-0.015030	-0.695096	-147.922263	
0.68789	-9.157178	-79.612213	-0.548050
-0.015030	-1.080062	-253.143622	

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FRAME ELEMENT INTERNAL FORCES

ELEM 101 ================== LENGTH = 4.005003

COMB DB-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.631085	47.836314	0.184113
0.000780	0.351812	126.438121	
0.48408	6.631085	47.836314	0.184113
0.000780	0.225014	93.500309	
0.65605	6.631085	47.836314	0.184113
0.000780	0.098170	60.596113	
0.82803	6.631085	47.836314	0.184113
0.000780	0.024852	27.823330	
1.00000	6.631085	47.836314	0.184113
0.000780	0.158744	0.974027	

COMB DB-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.540976	-4.717469	-0.195209
-0.001228	-0.379461	-12.801969	
0.48408	-0.540976	-4.717469	-0.195209
-0.001228	-0.245055	-9.558570	
0.65605	-0.540976	-4.717469	-0.195209
-0.001228	-0.110652	-6.353206	
0.82803	-0.540976	-4.717469	-0.195209
-0.001228	-0.028467	-3.422998	
1.00000	-0.540976	-4.717469	-0.195209
-0.001228	-0.155404	-5.488267	

COMB DB-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.917558	76.124750	0.268452
0.013677	0.473155	239.844768	
0.48408	8.917558	76.124750	0.268452
0.013677	0.301111	189.472328	
0.65605	8.917558	76.124750	0.268452
0.013677	0.130014	162.743966	
0.82803	8.917558	76.124750	0.268452
0.013677	0.041842	185.879323	
1.00000	8.917558	76.124750	0.268452
0.013677	0.233515	209.211678	

COMB DB-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-5.618317	-105.154864	-0.280347
-0.014178	-0.551280	-93.670947	
0.48408	-5.618317	-105.154864	-0.280347
-0.014178	-0.358759	-27.983514	
0.65605	-5.618317	-105.154864	-0.280347
-0.014178	-0.170960	-5.689207	
0.82803	-5.618317	-105.154864	-0.280347
-0.014178	-0.082781	-2.598789	
1.00000	-5.618317	-105.154864	-0.280347
-0.014178	-0.267529	.000000	

COMB DB-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.371981	71.239905	0.389773
0.014866	0.704608	227.994234	
0.48408	8.371981	71.239905	0.389773
0.014866	0.449287	181.117166	
0.65605	8.371981	71.239905	0.389773
0.014866	0.194990	158.542161	
0.82803	8.371981	71.239905	0.389773
0.014866	0.060434	187.426160	
1.00000	8.371981	71.239905	0.389773
0.014866	0.330573	237.356741	

COMB DB-G1-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-10.600609	-151.458267	-0.393659
-0.015034	-0.766595	-191.572751	
0.48408	-10.600609	-151.458267	-0.393659
-0.015034	-0.496026	-94.138818	
0.65605	-10.600609	-151.458267	-0.393659
-0.015034	-0.230234	-41.071248	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.82803	-10.600609	-151.458267	-0.393659
-0.015034	-0.102486	-7.616907	
1.00000	-10.600609	-151.458267	-0.393659
-0.015034	-0.370581	.000000	

COMB DB-G2-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.543779	4.663608	0.216458
0.001215	0.418999	13.481179	
0.48408	0.543779	4.663608	0.216458
0.001215	0.269976	10.278514	
0.65605	0.543779	4.663608	0.216458
0.001215	0.121034	7.096961	
0.82803	0.543779	4.663608	0.216458
0.001215	0.036236	3.969402	
1.00000	0.543779	4.663608	0.216458
0.001215	0.195919	1.057231	

COMB DB-G2-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.757657	-47.151968	-0.231717
-0.000738	-0.442480	-137.144008	
0.48408	-6.757657	-47.151968	-0.231717
-0.000738	-0.282887	-104.684854	
0.65605	-6.757657	-47.151968	-0.231717
-0.000738	-0.123292	-72.261819	
0.82803	-6.757657	-47.151968	-0.231717
-0.000738	-0.029152	-39.863822	
1.00000	-6.757657	-47.151968	-0.231717
-0.000738	-0.177731	-7.514412	

COMB DB-G2-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.207885	15.104449	0.311802
0.014394	0.560709	62.610550	
0.48408	1.207885	15.104449	0.311802
0.014394	0.358808	54.275022	
0.65605	1.207885	15.104449	0.311802
0.014394	0.158236	69.593130	
0.82803	1.207885	15.104449	0.311802
0.014394	0.057273	134.798228	
1.00000	1.207885	15.104449	0.311802
0.014394	0.276489	206.831514	

COMB DB-G2-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.456411	-165.047900	-0.318010
-0.013812	-0.611576	-251.183911	
0.48408	-13.456411	-165.047900	-0.318010
-0.013812	-0.393059	-144.233916	
0.65605	-13.456411	-165.047900	-0.318010
-0.013812	-0.178852	-80.672583	
0.82803	-13.456411	-165.047900	-0.318010
-0.013812	-0.085696	-36.286011	
1.00000	-13.456411	-165.047900	-0.318010
-0.013812	-0.299476	.000000	

COMB DB-G2-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.063481	60.273151	0.400482
0.014870	0.728453	213.905824	
0.48408	6.063481	60.273151	0.400482
0.014870	0.465756	174.503999	
0.65605	6.063481	60.273151	0.400482
0.014870	0.204341	159.273350	
0.82803	6.063481	60.273151	0.400482
0.014870	0.064629	195.041493	
1.00000	6.063481	60.273151	0.400482
0.014870	0.349350	236.428990	

COMB DB-G2-3 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.991820	-162.309537	-0.415580
-0.014594	-0.808363	-238.928995	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.48408	-12.991820	-162.309537	-0.415580
-0.014594	-0.522895	-134.122680	
0.65605	-12.991820	-162.309537	-0.415580
-0.014594	-0.242014	-73.741212	
0.82803	-12.991820	-162.309537	-0.415580
-0.014594	-0.101087	-33.194580	
1.00000	-12.991820	-162.309537	-0.415580
-0.014594	-0.376069	.000000	

COMB DB-G1-1 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.281350	51.422819	0.289297
0.000646	0.553688	135.610290	
0.48408	6.281350	51.422819	0.289297
0.000646	0.354348	100.233826	
0.65605	6.281350	51.422819	0.289297
0.000646	0.154255	64.915949	
0.82803	6.281350	51.422819	0.289297
0.000646	0.037452	29.907845	
1.00000	6.281350	51.422819	0.289297
0.000646	0.234743	1.360986	

COMB DB-G1-1 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.462456	-7.287704	-0.286936
-0.001178	-0.555783	-20.687743	
0.48408	-0.462456	-7.287704	-0.286936
-0.001178	-0.358229	-15.700105	
0.65605	-0.462456	-7.287704	-0.286936
-0.001178	-0.160861	-10.767623	
0.82803	-0.462456	-7.287704	-0.286936
-0.001178	-0.042448	-6.127867	
1.00000	-0.462456	-7.287704	-0.286936
-0.001178	-0.242826	-7.741111	

COMB DB-G1-2 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.456371	79.998277	0.413833
0.012456	0.749739	277.900232	
0.48408	8.456371	79.998277	0.413833
0.012456	0.471834	225.823312	
0.65605	8.456371	79.998277	0.413833
0.012456	0.203065	195.321711	
0.82803	8.456371	79.998277	0.413833
0.012456	0.058147	206.046879	
1.00000	8.456371	79.998277	0.413833
0.012456	0.338946	217.678038	

COMB DB-G1-2 ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-4.913996	-95.610163	-0.408752
-0.013055	-0.797399	-97.438069	
0.48408	-4.913996	-95.610163	-0.408752
-0.013055	-0.516279	-34.201073	
0.65605	-4.913996	-95.610163	-0.408752
-0.013055	-0.242127	-9.089852	
0.82803	-4.913996	-95.610163	-0.408752
-0.013055	-0.103923	-4.013929	
1.00000	-4.913996	-95.610163	-0.408752
-0.013055	-0.390234	.000000	

COMB DL-G1-3 ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	7.937122	76.345341	0.557145
0.013257	1.022493	272.972830	
0.48408	7.937122	76.345341	0.557145
0.013257	0.645862	223.826856	
0.65605	7.937122	76.345341	0.557145
0.013257	0.278435	196.724657	
0.82803	7.937122	76.345341	0.557145
0.013257	0.083272	213.225089	
1.00000	7.937122	76.345341	0.557145
0.013257	0.474618	253.777604	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-9.431898	-140.905194			-0.568755
-0.013510		-1.102290	-190.101712			
0.48408		-9.431898	-140.905194			-0.568755
-0.013510		-0.710939	-96.038056			
0.65605		-9.431898	-140.905194			-0.568755
-0.013510		-0.326337	-40.559285			
0.82803		-9.431898	-140.905194			-0.568755
-0.013510		-0.126853	-7.260121			
1.00000		-9.431898	-140.905194			-0.568755
-0.013510		-0.511996	.000000			

COMB DL-G2-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.31211		0.464251	7.300148			0.282272
0.001200		0.545349	20.906107			
0.48408		0.464251	7.300148			0.282272
0.001200		0.350949	15.901470			
0.65605		0.464251	7.300148			0.282272
0.001200		0.156412	10.916604			
0.82803		0.464251	7.300148			0.282272
0.001200		0.049481	5.987105			
1.00000		0.464251	7.300148			0.282272
0.001200		0.269617	1.474162			

COMB DL-G2-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-6.418506	-50.906243			-0.318792
-0.000685		-0.608433	-148.900380			
0.48408		-6.418506	-50.906243			-0.318792
-0.000685		-0.388819	-113.865968			
0.65605		-6.418506	-50.906243			-0.318792
-0.000685		-0.169151	-78.864570			
0.82803		-6.418506	-50.906243			-0.318792
-0.000685		-0.037159	-43.908904			
1.00000		-6.418506	-50.906243			-0.318792
-0.000685		-0.231974	-9.295888			

COMB DL-G2-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.31211		1.189582	18.681875			0.405815
0.013236		0.737939	98.377125			
0.48408		1.189582	18.681875			0.405815
0.013236		0.465619	88.529077			
0.65605		1.189582	18.681875			0.405815
0.013236		0.202934	100.251467			
0.82803		1.189582	18.681875			0.405815
0.013236		0.075841	153.229692			
1.00000		1.189582	18.681875			0.405815
0.013236		0.380097	216.064816			

COMB DL-G2-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-12.316287	-156.007072			-0.440860
-0.012593		-0.844333	-254.575189			
0.48408		-12.316287	-156.007072			-0.440860
-0.012593		-0.540975	-149.735821			
0.65605		-12.316287	-156.007072			-0.440860
-0.012593		-0.244064	-82.982585			
0.82803		-12.316287	-156.007072			-0.440860
-0.012593		-0.099545	-36.317733			
1.00000		-12.316287	-156.007072			-0.440860
-0.012593		-0.379599	.000000			

COMB DL-G2-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.31211		5.677540	64.778600			0.549080
0.013383		1.010940	260.457229			
0.48408		5.677540	64.778600			0.549080
0.013383		0.639977	219.108439			
0.65605		5.677540	64.778600			0.549080
0.013383		0.278491	199.528362			
0.82803		5.677540	64.778600			0.549080
0.013383		0.085569	221.723688			
1.00000		5.677540	64.778600			0.549080
0.013383		0.487068	253.005641			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-11.778096	-152.534448			-0.583210
-0.013069		-1.129998	-242.386578			
0.48408		-11.778096	-152.534448			-0.583210
-0.013069		-0.726688	-140.244361			
0.65605		-11.778096	-152.534448			-0.583210
-0.013069		-0.333924	-76.424461			
0.82803		-11.778096	-152.534448			-0.583210
-0.013069		-0.122159	-33.294401			
1.00000		-11.778096	-152.534448			-0.583210
-0.013069		-0.500979	.000000			

COMB DB ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.31211		8.917558	76.124750			0.400482
0.014870		0.728453	239.844768			
0.48408		8.917558	76.124750			0.400482
0.014870		0.465756	189.472328			
0.65605		8.917558	76.124750			0.400482
0.014870		0.204341	162.743966			
0.82803		8.917558	76.124750			0.400482
0.014870		0.064629	195.041493			
1.00000		8.917558	76.124750			0.400482
0.014870		0.349350	237.356741			

COMB DB ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-13.456411	-165.047900			-0.415580
-0.015034		-0.808363	-251.183911			
0.48408		-13.456411	-165.047900			-0.415580
-0.015034		-0.522895	-144.233916			
0.65605		-13.456411	-165.047900			-0.415580
-0.015034		-0.242014	-80.672583			
0.82803		-13.456411	-165.047900			-0.415580
-0.015034		-0.102486	-39.863822			
1.00000		-13.456411	-165.047900			-0.415580
-0.015034		-0.376069	-7.514412			

COMB DL ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.31211		8.456371	79.998277			0.557145
0.013383		1.022493	277.900232			
0.48408		8.456371	79.998277			0.557145
0.013383		0.645862	225.823312			
0.65605		8.456371	79.998277			0.557145
0.013383		0.278491	199.528362			
0.82803		8.456371	79.998277			0.557145
0.013383		0.085569	221.723688			
1.00000		8.456371	79.998277			0.557145
0.013383		0.487068	253.777604			

COMB DL ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-12.316287	-156.007072			-0.583210
-0.013510		-1.129998	-254.575189			
0.48408		-12.316287	-156.007072			-0.583210
-0.013510		-0.728688	-149.735821			
0.65605		-12.316287	-156.007072			-0.583210
-0.013510		-0.333924	-82.982585			
0.82803		-12.316287	-156.007072			-0.583210
-0.013510		-0.126853	-43.908904			
1.00000		-12.316287	-156.007072			-0.583210
-0.013510		-0.511996	-9.295888			

COMB CAR ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.31211		8.917558	79.998277			0.557145
0.014870		1.022493	277.900232			
0.48408		8.917558	79.998277			0.557145
0.014870		0.645862	225.823312			
0.65605		8.917558	79.998277			0.557145
0.014870		0.278491	199.528362			
0.82803		8.917558	79.998277			0.557145
0.014870		0.085569	221.723688			
1.00000		8.917558	79.998277			0.557145
0.014870		0.487068	253.777604			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-13.456411	-165.047900			-0.583210
-0.015034		-1.129998	-254.575189			
0.48408		-13.456411	-165.047900			-0.583210
-0.015034		-0.728688	-149.735821			
0.65605		-13.456411	-165.047900			-0.583210
-0.015034		-0.333924	-82.982585			
0.82803		-13.456411	-165.047900			-0.583210
-0.015034		-0.126853	-43.908904			
1.00000		-13.456411	-165.047900			-0.583210
-0.015034		-0.511996	-9.295888			

COMB DESIGN ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.31211		8.917558	79.998277			0.557145
0.014870		1.022493	277.900232			
0.48408		8.917558	79.998277			0.557145
0.014870		0.645862	225.823312			
0.65605		8.917558	79.998277			0.557145
0.014870		0.278491	199.528362			
0.82803		8.917558	79.998277			0.557145
0.014870		0.085569	221.723688			
1.00000		8.917558	79.998277			0.557145
0.014870		0.487068	253.777604			

COMB DESIGN ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.31211		-13.456411	-165.047900			-0.583210
-0.015034		-1.129998	-254.575189			
0.48408		-13.456411	-165.047900			-0.583210
-0.015034		-0.728688	-149.735821			
0.65605		-13.456411	-165.047900			-0.583210
-0.015034		-0.333924	-82.982585			
0.82803		-13.456411	-165.047900			-0.583210
-0.015034		-0.126853	-43.908904			
1.00000		-13.456411	-165.047900			-0.583210
-0.015034		-0.511996	-9.295888			

ELEM 102 ========== LENGTH = 4.005001

COMB DB-G1-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		6.582402	47.407339			0.184599
0.000658		0.156629	0.974158			
0.17197		6.582402	47.407339			0.184599
0.000658		0.029275	3.396269			
0.34395		6.582402	47.407339			0.184599
0.000658		0.110234	6.528508			
0.51592		6.582402	47.407339			0.184599
0.000658		0.246273	9.712023			
0.68789		6.582402	47.407339			0.184599
0.000658		0.383137	12.918489			

COMB DB-G1-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-0.545581	-4.662834			-0.199282
-0.001215		-0.166511	-5.470572			
0.17197		-0.545581	-4.662834			-0.199282
-0.001215		-0.029771	-38.043879			
0.34395		-0.545581	-4.662834			-0.199282
-0.001215		-0.097630	-70.619820			
0.51592		-0.545581	-4.662834			-0.199282
-0.001215		-0.224813	-103.220726			
0.68789		-0.545581	-4.662834			-0.199282
-0.001215		-0.351955	-135.859627			

COMB DB-G1-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		13.282023	165.620042			0.251689
0.013749		0.215822	208.878989			
0.17197		13.282023	165.620042			0.251689
0.013749		0.047312	133.704095			
0.34395		13.282023	165.620042			0.251689
0.013749		0.148409	68.320560			

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	T	P	M2	V2	M3	V3
0.51592		13.282023	165.620042			0.251689
0.013749		0.338596	53.278630			
0.68789		13.282023	165.620042			0.251689
0.013749		0.546581	61.471401			

COMB DB-G1-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-1.211101	-14.932217			-0.306065
-0.014389		-0.298657	.000000			
0.17197		-1.211101	-14.932217			-0.306065
-0.014389		-0.089015	-34.228901			
0.34395		-1.211101	-14.932217			-0.306065
-0.014389		-0.138400	-78.860517			
0.51592		-1.211101	-14.932217			-0.306065
-0.014389		-0.309061	-143.002666			
0.68789		-1.211101	-14.932217			-0.306065
-0.014389		-0.482435	-250.798872			

COMB DB-G1-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		12.836507	162.807506			0.378581
0.014610		0.318163	237.037101			
0.17197		12.836507	162.807506			0.378581
0.014610		0.062884	192.674297			
0.34395		12.836507	162.807506			0.378581
0.014610		0.207254	156.569169			
0.51592		12.836507	162.807506			0.378581
0.014610		0.474004	171.907394			
0.68789		12.836507	162.807506			0.378581
0.014610		0.758882	210.982756			

COMB DB-G1-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-6.144824	-59.835949			-0.417642
-0.014783		-0.393605	.000000			
0.17197		-6.144824	-59.835949			-0.417642
-0.014783		-0.106848	-31.136514			
0.34395		-6.144824	-59.835949			-0.417642
-0.014783		-0.211427	-71.800787			
0.51592		-6.144824	-59.835949			-0.417642
-0.014783		-0.469166	-132.694984			
0.68789		-6.144824	-59.835949			-0.417642
-0.014783		-0.729852	-238.306721			

COMB DB-G2-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		0.538772	4.718034			0.225351
0.001322		0.187919	1.044639			
0.17197		0.538772	4.718034			0.225351
0.001322		0.032815	25.720051			
0.34395		0.538772	4.718034			0.225351
0.001322		0.122490	58.308946			
0.51592		0.538772	4.718034			0.225351
0.001322		0.279786	91.035273			
0.68789		0.538772	4.718034			0.225351
0.001322		0.437082	123.795602			

COMB DB-G2-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-6.805140	-47.580255			-0.228383
-0.000728		-0.192099	-7.485306			
0.17197		-6.805140	-47.580255			-0.228383
-0.000728		-0.034697	-2.925034			
0.34395		-6.805140	-47.580255			-0.228383
-0.000728		-0.122643	-5.833824			
0.51592		-6.805140	-47.580255			-0.228383
-0.000728		-0.277852	-9.030196			
0.68789		-6.805140	-47.580255			-0.228383
-0.000728		-0.433062	-12.271244			

COMB DB-G2-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		5.635122	105.342203			0.304922
0.014281		0.255015	206.513972			

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	T	P	M2	V2	M3	V3
0.17197		5.635122	105.342203			0.304922
0.014281		0.050714	182.840965			
0.34395		5.635122	105.342203			0.304922
0.014281		0.162595	159.284894			
0.51592		5.635122	105.342203			0.304922
0.014281		0.376700	186.032221			
0.68789		5.635122	105.342203			0.304922
0.014281		0.607923	235.996741			

COMB DB-G2-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-9.111019	-75.567832			-0.339017
-0.013582		-0.326384	.000000			
0.17197		-9.111019	-75.567832			-0.339017
-0.013582		-0.092951	-1.957117			
0.34395		-9.111019	-75.567832			-0.339017
-0.013582		-0.172885	-5.021262			
0.51592		-9.111019	-75.567832			-0.339017
-0.013582		-0.379952	-27.647665			
0.68789		-9.111019	-75.567832			-0.339017
-0.013582		-0.589975	-93.920486			

COMB DB-G2-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		10.539023	151.911195			0.392855
0.015077		0.330076	236.116287			
0.17197		10.539023	151.911195			0.392855
0.015077		0.065194	184.727624			
0.34395		10.539023	151.911195			0.392855
0.015077		0.213610	155.200820			
0.51592		10.539023	151.911195			0.392855
0.015077		0.491975	177.803059			
0.68789		10.539023	151.911195			0.392855
0.015077		0.788104	224.305260			

COMB DB-G2-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-8.546024	-70.757355			-0.433556
-0.014786		-0.408165	.000000			
0.17197		-8.546024	-70.757355			-0.433556
-0.014786		-0.110842	-6.075189			
0.34395		-8.546024	-70.757355			-0.433556
-0.014786		-0.219041	-39.680570			
0.51592		-8.546024	-70.757355			-0.433556
-0.014786		-0.486679	-93.259635			
0.68789		-8.546024	-70.757355			-0.433556
-0.014786		-0.757256	-191.470532			

COMB DL-G1-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		6.251537	51.072310			0.292113
0.000580		0.247015	1.361226			
0.17197		6.251537	51.072310			0.292113
0.000580		0.044870	4.819259			
0.34395		6.251537	51.072310			0.292113
0.000580		0.160942	9.696834			
0.51592		6.251537	51.072310			0.292113
0.000580		0.360769	14.628600			
0.68789		6.251537	51.072310			0.292113
0.000580		0.561356	19.610571			

COMB DL-G1-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-0.468377	-7.267832			-0.291245
-0.001096		-0.241320	-7.727684			
0.17197		-0.468377	-7.267832			-0.291245
-0.001096		-0.040893	-41.592153			
0.34395		-0.468377	-7.267832			-0.291245
-0.001096		-0.153466	-76.646947			
0.51592		-0.468377	-7.267832			-0.291245
-0.001096		-0.355430	-111.757328			
0.68789		-0.468377	-7.267832			-0.291245
-0.001096		-0.556737	-146.904031			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		12.163961	156.449193			0.399040
0.012493		0.342520	217.654646			
0.17197		12.163961	156.449193			0.399040
0.012493		0.068051	151.715738			
0.34395		12.163961	156.449193			0.399040
0.012493		0.215196	98.544631			
0.51592		12.163961	156.449193			0.399040
0.012493		0.496327	86.864884			
0.68789		12.163961	156.449193			0.399040
0.012493		0.794537	96.684283			

COMB DL-G1-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-1.182202	-18.525148			-0.435859
-0.013135		-0.406977	.000000			
0.17197		-1.182202	-18.525148			-0.435859
-0.013135		-0.107612	-33.742195			
0.34395		-1.182202	-18.525148			-0.435859
-0.013135		-0.217662	-80.534230			
0.51592		-1.182202	-18.525148			-0.435859
-0.013135		-0.488134	-147.867635			
0.68789		-1.182202	-18.525148			-0.435859
-0.013135		-0.763094	-253.068495			

COMB DL-G1-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		11.645930	152.896099			0.540611
0.013023		0.452365	253.765680			
0.17197		11.645930	152.896099			0.540611
0.013023		0.082519	219.444713			
0.34395		11.645930	152.896099			0.540611
0.013023		0.297207	196.733812			
0.51592		11.645930	152.896099			0.540611
0.013023		0.686339	216.119614			
0.68789		11.645930	152.896099			0.540611
0.013023		1.092491	257.307547			

COMB DL-G1-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-5.738611	-64.447163			-0.592530
-0.013230		-0.540707	.000000			
0.17197		-5.738611	-64.447163			-0.592530
-0.013230		-0.134586	-30.768882			
0.34395		-5.738611	-64.447163			-0.592530
-0.013230		-0.303121	-73.744464			
0.51592		-5.738611	-64.447163			-0.592530
-0.013230		-0.671068	-137.971074			
0.68789		-5.738611	-64.447163			-0.592530
-0.013230		-1.043552	-240.382386			

COMB DL-G2-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		0.458284	7.319941			0.280000
0.001224		0.230710	1.457597			
0.17197		0.458284	7.319941			0.280000
0.001224		0.037469	27.471992			
0.34395		0.458284	7.319941			0.280000
0.001224		0.168111	62.315499			
0.51592		0.458284	7.319941			0.280000
0.001224		0.384003	97.481617			
0.68789		0.458284	7.319941			0.280000
0.001224		0.599871	132.740517			

COMB DL-G2-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000		-6.447939	-51.254036			-0.313363
-0.000656		-0.263169	-9.269174			
0.17197		-6.447939	-51.254036			-0.313363
-0.000656		-0.046163	-5.048087			
0.34395		-6.447939	-51.254036			-0.313363
-0.000656		-0.154345	-9.676591			
0.51592		-6.447939	-51.254036			-0.313363
-0.000656		-0.347470	-14.630070			
0.68789		-6.447939	-51.254036			-0.313363
-0.000656		-0.540403	-19.632244			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000		4.936350	95.812028			0.384138
0.013050		0.318328	216.042731			

```
 0.17197      4.936350     95.812028      0.384138
0.013050      0.057178   203.039979
 0.34395      4.936350     95.812028      0.384138
0.013050      0.222606   191.959500
 0.51592      4.936350     95.812028      0.384138
0.013050      0.519840   222.326815
 0.68789      4.936350     95.812028      0.384138
0.013050      0.833037   274.202946

 COMB DL-G2-2 ------------------- MIN

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     -8.625236     -79.596813     -0.457288
 -0.012418     -0.426499      .000000
  0.17197     -8.625236     -79.596813     -0.457288
 -0.012418     -0.111988     -2.743194
  0.34395     -8.625236     -79.596813     -0.457288
 -0.012418     -0.221888     -7.774875
  0.51592     -8.625236     -79.596813     -0.457288
 -0.012418     -0.481779    -33.308608
  0.68789     -8.625236     -79.596813     -0.457288
 -0.012418     -0.746398    -96.754047

 COMB DL-G2-3 ------------------- MAX

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000      9.385098     141.277721      0.530300
0.013459      0.442753   252.994434
  0.17197      9.385098     141.277721      0.530300
0.013459      0.080211   210.384788
  0.34395      9.385098     141.277721      0.530300
0.013459      0.298677   193.166499
  0.51592      9.385098     141.277721      0.530300
0.013459      0.694951   220.127804
  0.68789      9.385098     141.277721      0.530300
0.013459      1.107619   269.081558

 COMB DL-G2-3 ------------------- MIN

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     -8.085665     -76.024853     -0.601799
 -0.013245     -0.550729      .000000
  0.17197     -8.085665     -76.024853     -0.601799
 -0.013245     -0.137106     -5.368542
  0.34395     -8.085665     -76.024853     -0.601799
 -0.013245     -0.298218    -38.436938
  0.51592     -8.085665     -76.024853     -0.601799
 -0.013245     -0.659001    -94.416446
  0.68789     -8.085665     -76.024853     -0.601799
 -0.013245     -1.024254   -188.776762

 COMB      DB ------------------- MAX

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     13.282023     165.620042      0.392855
0.015077      0.330076   237.037101
  0.17197     13.282023     165.620042      0.392855
0.015077      0.065194   192.674297
  0.34395     13.282023     165.620042      0.392855
0.015077      0.213610   159.284894
  0.51592     13.282023     165.620042      0.392855
0.015077      0.491975   186.032221
  0.68789     13.282023     165.620042      0.392855
0.015077      0.788104   235.996741

 COMB      DB ------------------- MIN

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     -9.111019     -75.567832     -0.433556
 -0.014786     -0.408165     -7.485306
  0.17197     -9.111019     -75.567832     -0.433556
 -0.014786     -0.110842    -38.043879
  0.34395     -9.111019     -75.567832     -0.433556
 -0.014786     -0.219041    -78.860517
  0.51592     -9.111019     -75.567832     -0.433556
 -0.014786     -0.486679   -143.002666
  0.68789     -9.111019     -75.567832     -0.433556
 -0.014786     -0.757256   -250.798872
Program    SAP2000    Nonlinear    Version    7.42
  File:2교대구방향S5-S703.OUT

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 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 COMB      DL ------------------- MAX

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     12.163961     156.449193      0.540611
0.013459      0.452365   253.765680
  0.17197     12.163961     156.449193      0.540611
0.013459      0.082519   219.444713
  0.34395     12.163961     156.449193      0.540611
0.013459      0.298677   196.733812
  0.51592     12.163961     156.449193      0.540611
0.013459      0.694951   222.326815
  0.68789     12.163961     156.449193      0.540611
0.013459      1.107619   274.202946

 COMB      DL ------------------- MIN

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     -8.625236     -79.596813     -0.601799
 -0.013245     -0.550729     -9.269174
  0.17197     -8.625236     -79.596813     -0.601799
 -0.013245     -0.137106    -41.592153
  0.34395     -8.625236     -79.596813     -0.601799
 -0.013245     -0.303121    -80.534230
  0.51592     -8.625236     -79.596813     -0.601799
 -0.013245     -0.671068   -147.867635
  0.68789     -8.625236     -79.596813     -0.601799
 -0.013245     -1.043552   -253.068495

 COMB      CAR ------------------- MAX

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     13.282023     165.620042      0.540611
0.015077      0.452365   253.765680
  0.17197     13.282023     165.620042      0.540611
0.015077      0.082519   219.444713
  0.34395     13.282023     165.620042      0.540611
0.015077      0.298677   196.733812
  0.51592     13.282023     165.620042      0.540611
0.015077      0.694951   222.326815
  0.68789     13.282023     165.620042      0.540611
0.015077      1.107619   274.202946

 COMB      CAR ------------------- MIN

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     -9.111019     -79.596813     -0.601799
 -0.014786     -0.550729     -9.269174
  0.17197     -9.111019     -79.596813     -0.601799
 -0.014786     -0.137106    -41.592153
  0.34395     -9.111019     -79.596813     -0.601799
 -0.014786     -0.303121    -80.534230
  0.51592     -9.111019     -79.596813     -0.601799
 -0.014786     -0.671068   -147.867635
  0.68789     -9.111019     -79.596813     -0.601799
 -0.014786     -1.043552   -253.068495

 COMB   DESIGN ------------------- MAX

 REL_DIST             P             V2             V3
        T            M2             M3
  0.00000     13.282023     165.620042      0.540611
0.015077      0.452365   253.765680
  0.17197     13.282023     165.620042      0.540611
0.015077      0.082519   219.444713
  0.34395     13.282023     165.620042      0.540611
0.015077      0.298677   196.733812
  0.51592     13.282023     165.620042      0.540611
0.015077      0.694951   222.326815
  0.68789     13.282023     165.620042      0.540611
0.015077      1.107619   274.202946

 COMB   DESIGN
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```
0.015052    0.445609   182.154317
 0.65605     8.857545    72.731014       0.368244
0.015052    0.195555   162.364386
 0.82803     8.857545    72.731014       0.368244
0.015052    0.074824   196.329662
 1.00000     8.857545    72.731014       0.368244
0.015052    0.410174   236.319019

 COMB      DB ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.31211   -13.516419  -161.907554      -0.487175
-0.015141   -0.944254  -242.711276
  0.48408   -13.516419  -161.907554      -0.487175
-0.015141   -0.609660  -137.653007
  0.65605   -13.516419  -161.907554      -0.487175
-0.015141   -0.278829   -76.102803
  0.82803   -13.516419  -161.907554      -0.487175
-0.015141   -0.096729   -37.722767
  1.00000   -13.516419  -161.907554      -0.487175
-0.015141   -0.350384    -7.351598

 COMB      DL ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.31211    8.280351    74.268865       0.582322
0.013870    1.082676   267.095740
  0.48408    8.280351    74.268865       0.582322
0.013870    0.690714   222.673971
  0.65605    8.280351    74.268865       0.582322
0.013870    0.300697   201.491684
  0.82803    8.280351    74.268865       0.582322
0.013870    0.098616   222.110173
  1.00000    8.280351    74.268865       0.582322
0.013870    0.563759   252.765928

 COMB      DL ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.31211   -12.273914  -150.408184      -0.675511
-0.013692   -1.309339  -239.630185
  0.48408   -12.273914  -150.408184      -0.675511
-0.013692   -0.845552  -138.640081
  0.65605   -12.273914  -150.408184      -0.675511
-0.013692   -0.385986   -75.480762
  0.82803   -12.273914  -150.408184      -0.675511
-0.013692   -0.128496   -40.356753
  1.00000   -12.273914  -150.408184      -0.675511
-0.013692   -0.530537    -9.039602

 COMB      CAR ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.31211    8.857545    74.268865       0.582322
0.015052    1.082676   267.095740
  0.48408    8.857545    74.268865       0.582322
0.015052    0.690714   222.673971
  0.65605    8.857545    74.268865       0.582322
0.015052    0.300697   201.491684
  0.82803    8.857545    74.268865       0.582322
0.015052    0.098616   222.110173
  1.00000    8.857545    74.268865       0.582322
0.015052    0.563759   252.765928
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 COMB      CAR ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.31211   -13.516419  -161.907554      -0.675511
-0.015141   -1.309339  -242.711276
  0.48408   -13.516419  -161.907554      -0.675511
-0.015141   -0.845552  -138.640081
  0.65605   -13.516419  -161.907554      -0.675511
-0.015141   -0.385986   -76.102803
  0.82803   -13.516419  -161.907554      -0.675511
-0.015141   -0.128496   -40.356753
  1.00000   -13.516419  -161.907554      -0.675511
-0.015141   -0.530537    -9.039602

 COMB    DESIGN ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.31211    8.857545    74.268865       0.582322
0.015052    1.082676   267.095740
  0.48408    8.857545    74.268865       0.582322
0.015052    0.690714   222.673971
  0.65605    8.857545    74.268865       0.582322
0.015052    0.300697   201.491684
  0.82803    8.857545    74.268865       0.582322
0.015052    0.098616   222.110173
  1.00000    8.857545    74.268865       0.582322
0.015052    0.563759   252.765928

 COMB    DESIGN ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.31211   -13.516419  -161.907554      -0.675511
-0.015141   -1.309339  -242.711276
  0.48408   -13.516419  -161.907554      -0.675511
-0.015141   -0.845552  -138.640081
  0.65605   -13.516419  -161.907554      -0.675511
-0.015141   -0.385986   -76.102803
  0.82803   -13.516419  -161.907554      -0.675511
-0.015141   -0.128496   -40.356753
  1.00000   -13.516419  -161.907554      -0.675511
-0.015141   -0.530537    -9.039602

 ELEM      104 ========== LENGTH =
 4.005042

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000    6.576831    44.497810       0.213223
0.000154    0.180654    0.967312
  0.17197    6.576831    44.497810       0.213223
0.000154    0.033660    5.970776
  0.34395    6.576831    44.497810       0.213223
0.000154    0.148280   11.970904
  0.51592    6.576831    44.497810       0.213223
0.000154    0.330060   18.022485
  0.68789    6.576831    44.497810       0.213223
0.000154    0.512105   24.091038

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -0.775222    -8.820148      -0.264437
-0.001708   -0.217330   -5.550137
  0.17197   -0.775222    -8.820148      -0.264437
-0.001708   -0.037207   -36.099509
  0.34395   -0.775222    -8.820148      -0.264437
-0.001708   -0.113042   -66.666909
  0.51592   -0.775222    -8.820148      -0.264437
-0.001708   -0.259915   -97.265379
  0.68789   -0.775222    -8.820148      -0.264437
-0.001708   -0.406774  -127.901986

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   13.177847   162.122124       0.283773
0.013142    0.238325   207.993361
  0.17197   13.177847   162.122124       0.283773
0.013142    0.051630   136.673020
  0.34395   13.177847   162.122124       0.283773
0.013142    0.209531    74.724493
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 REL_DIST            P           V2           V3
        T          M2           M3
  0.51592   13.177847   162.122124       0.283773
0.013142    0.476636    63.671924
  0.68789   13.177847   162.122124       0.283773
0.013142    0.762333    75.293450

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -1.512691   -19.876476      -0.416631
-0.014981   -0.386674    .000000
  0.17197   -1.512691   -19.876476      -0.416631
-0.014981   -0.102777   -32.139566
  0.34395   -1.512691   -19.876476      -0.416631
-0.014981   -0.152636   -74.415991
  0.51592   -1.512691   -19.876476      -0.416631
-0.014981   -0.348077  -136.376737
  0.68789   -1.512691   -19.876476      -0.416631
-0.014981   -0.543520  -242.057570

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   12.867901   162.213263       0.377354
0.014356    0.311610   236.007673
  0.17197   12.867901   162.213263       0.377354
0.014356    0.061315   193.960058
  0.34395   12.867901   162.213263       0.377354
0.014356    0.253809   159.804911
  0.51592   12.867901   162.213263       0.377354
0.014356    0.578714   177.690417
  0.68789   12.867901   162.213263       0.377354
0.014356    0.922517   218.740795

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -6.432908   -62.670134      -0.501018
-0.015028   -0.458923    .000000
  0.17197   -6.432908   -62.670134      -0.501018
-0.015028   -0.116544   -30.076089
  0.34395   -6.432908   -62.670134      -0.501018
-0.015028   -0.208547   -70.367519
  0.51592   -6.432908   -62.670134      -0.501018
-0.015028   -0.468370  -131.114522
  0.68789   -6.432908   -62.670134      -0.501018
-0.015028   -0.728210  -236.627033

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000    0.776415    8.889099       0.183569
0.001832    0.152382    1.067143
  0.17197    0.776415    8.889099       0.183569
0.001832    0.026121   23.959728
  0.34395    0.776415    8.889099       0.183569
0.001832    0.111102   54.655821
  0.51592    0.776415    8.889099       0.183569
0.001832    0.252821   85.478250
  0.68789    0.776415    8.889099       0.183569
0.001832    0.394536   116.323644

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -6.782173   -44.798276      -0.205745
-0.000243   -0.172311    -7.326582
  0.17197   -6.782173   -44.798276      -0.205745
-0.000243   -0.030375    -5.853564
  0.34395   -6.782173   -44.798276      -0.205745
-0.000243   -0.100657   -11.634718
  0.51592   -6.782173   -44.798276      -0.205745
-0.000243   -0.227068   -17.714051
  0.68789   -6.782173   -44.798276      -0.205745
-0.000243   -0.353503   -23.827016

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000    5.837910   110.207958       0.248891
0.014848    0.202599   205.906487
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 REL_DIST            P           V2           V3
        T          M2           M3
  0.17197    5.837910   110.207958       0.248891
0.014848    0.040635   180.045877
  0.34395    5.837910   110.207958       0.248891
0.014848    0.160419   154.302997
  0.51592    5.837910   110.207958       0.248891
0.014848    0.371968   179.404774
  0.68789    5.837910   110.207958       0.248891
0.014848    0.601595   227.166634

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -9.125311   -72.350352      -0.335174
-0.013010   -0.322268    .000000
  0.17197   -9.125311   -72.350352      -0.335174
-0.013010   -0.091230    -4.888339
  0.34395   -9.125311   -72.350352      -0.335174
-0.013010   -0.140680   -11.363725
  0.51592   -9.125311   -72.350352      -0.335174
-0.013010   -0.311929   -37.568410
  0.68789   -9.125311   -72.350352      -0.335174
-0.013010   -0.483254  -107.492239

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   10.656679   154.529584       0.363014
0.015288    0.299657   235.184891
  0.17197   10.656679   154.529584       0.363014
0.015288    0.058826   184.290857
  0.34395   10.656679   154.529584       0.363014
0.015288    0.241585   154.818353
  0.51592   10.656679   154.529584       0.363014
0.015288    0.555750   177.861797
  0.68789   10.656679   154.529584       0.363014
0.015288    0.888551   224.141188

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -8.712453   -70.418260      -0.485062
-0.014576   -0.448699    .000000
  0.17197   -8.712453   -70.418260      -0.485062
-0.014576   -0.116058   -7.939095
  0.34395   -8.712453   -70.418260      -0.485062
-0.014576   -0.200783   -43.367221
  0.51592   -8.712453   -70.418260      -0.485062
-0.014576   -0.450688   -98.986271
  0.68789   -8.712453   -70.418260      -0.485062
-0.014576   -0.700630  -199.296998

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000    6.162280    46.166935       0.350207
0.000164    0.296379    1.353981
  0.17197    6.162280    46.166935       0.350207
0.000164    0.053506    7.869515
  0.34395    6.162280    46.166935       0.350207
0.000164    0.206036   15.780635
  0.51592    6.162280    46.166935       0.350207
0.000164    0.463004   23.745495
  0.68789    6.162280    46.166935       0.350207
0.000164    0.720092   31.731758

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -0.638428   -11.620481      -0.373604
-0.001695   -0.310017   -7.885519
  0.17197   -0.638428   -11.620481      -0.373604
-0.001695   -0.053399   -38.543686
  0.34395   -0.638428   -11.620481      -0.373604
-0.001695   -0.184811   -70.250132
  0.51592   -0.638428   -11.620481      -0.373604
-0.001695   -0.426462  -101.988610
  0.68789   -0.638428   -11.620481      -0.373604
-0.001695   -0.667793  -133.748953
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 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   11.963515   150.638432       0.481889
0.012016    0.407266   216.735337
  0.17197   11.963515   150.638432       0.481889
0.012016    0.080985   155.159429
  0.34395   11.963515   150.638432       0.481889
0.012016    0.287213   105.438184
  0.51592   11.963515   150.638432       0.481889
0.012016    0.663676    97.397580
  0.68789   11.963515   150.638432       0.481889
0.012016    1.054478   110.730562

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -1.431319   -23.640751      -0.570625
-0.013819   -0.520172    .000000
  0.17197   -1.431319   -23.640751      -0.570625
-0.013819   -0.129129   -30.544460
  0.34395   -1.431319   -23.640751      -0.570625
-0.013819   -0.259174   -73.293130
  0.51592   -1.431319   -23.640751      -0.570625
-0.013819   -0.589923  -136.837086
  0.68789   -1.431319   -23.640751      -0.570625
-0.013819   -0.921934  -238.053326

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   11.548219   150.301248       0.581607
0.012925    0.483040   252.743834
  0.17197   11.548219   150.301248       0.581607
0.012925    0.089716   219.818494
  0.34395   11.548219   150.301248       0.581607
0.012925    0.353389   198.884785
  0.51592   11.548219   150.301248       0.581607
0.012925    0.818213   219.999032
  0.68789   11.548219   150.301248       0.581607
0.012925    1.297467   262.585149

 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -5.933250   -66.267481      -0.698826
-0.013599   -0.630387    .000000
  0.17197   -5.933250   -66.267481      -0.698826
-0.013599   -0.152547   -28.736832
  0.34395   -5.933250   -66.267481      -0.698826
-0.013599   -0.321448   -70.471196
  0.51592   -5.933250   -66.267481      -0.698826
-0.013599   -0.720577  -133.477113
  0.68789   -5.933250   -66.267481      -0.698826
-0.013599   -1.121193  -234.307248

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000    0.638371    11.732846       0.226537
0.001848    0.186019    1.463319
  0.17197    0.638371    11.732846       0.226537
0.001848    0.029554   24.673051
  0.34395    0.638371    11.732846       0.226537
0.001848    0.152867   56.220492
  0.51592    0.638371    11.732846       0.226537
0.001848    0.348150   88.055434
  0.68789    0.638371    11.732846       0.226537
0.001848    0.543259   119.997208

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -6.327166   -46.478362      -0.283149
-0.000249   -0.236402   -9.018788
  0.17197   -6.327166   -46.478362      -0.283149
-0.000249   -0.041254   -8.313085
  0.34395   -6.327166   -46.478362      -0.283149
-0.000249   -0.125448   -15.917899
  0.51592   -6.327166   -46.478362      -0.283149
-0.000249   -0.281637   -23.879474
  0.68789   -6.327166   -46.478362      -0.283149
-0.000249   -0.437742   -31.910727
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 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000    5.068694   100.931470       0.329986
0.013715    0.269073   215.600323
  0.17197    5.068694   100.931470       0.329986
0.013715    0.050961   199.086994
  0.34395    5.068694   100.931470       0.329986
0.013715    0.219440   184.316361
  0.51592    5.068694   100.931470       0.329986
0.013715    0.514908   211.100840
  0.68789    5.068694   100.931470       0.329986
0.013715    0.824387   259.168670

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -8.552115   -74.054278      -0.452061
-0.011944   -0.422129    .000000
  0.17197   -8.552115   -74.054278      -0.452061
-0.011944   -0.110757   -6.390643
  0.34395   -8.552115   -74.054278      -0.452061
-0.011944   -0.189459   -15.081452
  0.51592   -8.552115   -74.054278      -0.452061
-0.011944   -0.415065   -44.453662
  0.68789   -8.552115   -74.054278      -0.452061
-0.011944   -0.642340  -111.466438

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000    9.393701   142.957236       0.527716
0.013806    0.436578   252.161221
  0.17197    9.393701   142.957236       0.527716
0.013806    0.080035   209.739379
  0.34395    9.393701   142.957236       0.527716
0.013806    0.332609   191.253799
  0.51592    9.393701   142.957236       0.527716
0.013806    0.774917   216.758366
  0.68789    9.393701   142.957236       0.527716
0.013806    1.231169   264.043732

 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -8.130872   -73.620990      -0.665276
-0.013187   -0.603741    .000000
  0.17197   -8.130872   -73.620990      -0.665276
-0.013187   -0.146282   -8.080646
  0.34395   -8.130872   -73.620990      -0.665276
-0.013187   -0.293367   -42.562723
  0.51592   -8.130872   -73.620990      -0.665276
-0.013187   -0.655499  -100.004786
  0.68789   -8.130872   -73.620990      -0.665276
-0.013187   -1.019063  -195.525677

 COMB      DB ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   13.177847   162.213263       0.377354
0.015288    0.311610   236.007673
  0.17197   13.177847   162.213263       0.377354
0.015288    0.061315   193.960058
  0.34395   13.177847   162.213263       0.377354
0.015288    0.253809   159.804911
  0.51592   13.177847   162.213263       0.377354
0.015288    0.578714   179.404774
  0.68789   13.177847   162.213263       0.377354
0.015288    0.922517   227.166634

 COMB      DB ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -9.125311   -72.350352      -0.501018
-0.015028   -0.458923   -7.326582
  0.17197   -9.125311   -72.350352      -0.501018
-0.015028   -0.116544   -36.099509
  0.34395   -9.125311   -72.350352      -0.501018
-0.015028   -0.208547   -74.415991
  0.51592   -9.125311   -72.350352      -0.501018
-0.015028   -0.468370  -136.376737
  0.68789   -9.125311   -72.350352      -0.501018
-0.015028   -0.728210  -242.057570
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 COMB      DL ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   11.963515   150.638432       0.581607
0.013806    0.483040   252.743834
  0.17197   11.963515   150.638432       0.581607
0.013806    0.089716   219.818494
  0.34395   11.963515   150.638432       0.581607
0.013806    0.353389   198.884785
  0.51592   11.963515   150.638432       0.581607
0.013806    0.818213   219.999032
  0.68789   11.963515   150.638432       0.581607
0.013806    1.297467   264.043732

 COMB      DL ------------------- MIN

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   -8.552115   -74.054278      -0.698826
-0.013819   -0.630387   -9.018788
  0.17197   -8.552115   -74.054278      -0.698826
-0.013819   -0.152547   -38.543686
  0.34395   -8.552115   -74.054278      -0.698826
-0.013819   -0.321448   -73.293130
  0.51592   -8.552115   -74.054278      -0.698826
-0.013819   -0.720577  -136.837086
  0.68789   -8.552115   -74.054278      -0.698826
-0.013819   -1.121193  -238.053326

 COMB      CAR ------------------- MAX

 REL_DIST            P           V2           V3
        T          M2           M3
  0.00000   13.177847   162.213263       0.581607
0.015288    0.483040   252.743834
  0.17197   13.177847   162.213263       0.581607
0.015288    0.089716   219.818494
```

0.34395 13.177847 162.213263 0.581607
0.015288 0.353389 198.884785
0.51592 13.177847 162.213263 0.581607
0.015288 0.818213 219.999032
0.68789 13.177847 162.213263 0.581607
0.015288 1.297467 264.043732

COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -9.125311 -74.054278 -0.698826
-0.015028 -0.630387 -9.018788
0.17197 -9.125311 -74.054278 -0.698826
-0.015028 -0.152547 -38.543686
0.34395 -9.125311 -74.054278 -0.698826
-0.015028 -0.321448 -74.415991
0.51592 -9.125311 -74.054278 -0.698826
-0.015028 -0.720577 -136.837086
0.68789 -9.125311 -74.054278 -0.698826
-0.015028 -1.121193 -242.057570

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 13.177847 162.213263 0.581607
0.015288 0.483040 252.743834
0.17197 13.177847 162.213263 0.581607
0.015288 0.089716 219.818494
0.34395 13.177847 162.213263 0.581607
0.015288 0.353389 198.884785
0.51592 13.177847 162.213263 0.581607
0.015288 0.818213 219.999032
0.68789 13.177847 162.213263 0.581607
0.015288 1.297467 264.043732

COMB DESIGN ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -9.125311 -74.054278 -0.698826
-0.015028 -0.630387 -9.018788
0.17197 -9.125311 -74.054278 -0.698826
-0.015028 -0.152547 -38.543686
0.34395 -9.125311 -74.054278 -0.698826
-0.015028 -0.321448 -74.415991
0.51592 -9.125311 -74.054278 -0.698826
-0.015028 -0.720577 -136.837086
0.68789 -9.125311 -74.054278 -0.698826
-0.015028 -1.121193 -242.057570
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ELEM 105 ========== LENGTH = 4.004134

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 6.122887 38.910748 0.243828
3.45E-05 0.468541 101.763619
0.48413 6.122887 38.910748 0.243828
3.45E-05 0.300658 74.979881
0.65609 6.122887 38.910748 0.243828
3.45E-05 0.132763 48.222637
0.82804 6.122887 38.910748 0.243828
3.45E-05 0.048866 21.539421
1.00000 6.122887 38.910748 0.243828
3.45E-05 0.278594 0.947335

COMB DB-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -1.023433 -15.189492 -0.333842
-0.002055 -0.641093 -42.189019
0.48413 -1.023433 -15.189492 -0.333842
-0.002055 -0.411231 -31.737019
0.65609 -1.023433 -15.189492 -0.333842
-0.002055 -0.181376 -21.325301
0.82804 -1.023433 -15.189492 -0.333842
-0.002055 -0.035024 -11.206450
1.00000 -1.023433 -15.189492 -0.333842
-0.002055 -0.203000 -5.626884

COMB DB-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 8.320748 65.441476 0.324765
0.012895 0.622799 208.338148
0.48413 8.320748 65.441476 0.324765
0.012895 0.399175 165.427222
0.65609 8.320748 65.441476 0.324765
0.012895 0.175834 145.194547
0.82804 8.320748 65.441476 0.324765
0.012895 0.079247 175.750436
1.00000 8.320748 65.441476 0.324765
0.012895 0.423318 206.409352

COMB DB-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -6.176384 -117.560392 -0.501754
-0.015084 -0.971517 -129.042064
0.48413 -6.176384 -117.560392 -0.501754
-0.015084 -0.626131 -53.865215
0.65609 -6.176384 -117.560392 -0.501754
-0.015084 -0.282528 -22.147689
0.82804 -6.176384 -117.560392 -0.501754
-0.015084 -0.086767 -10.532370
1.00000 -6.176384 -117.560392 -0.501754
-0.015084 -0.305358 .000000

COMB DB-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 8.151389 67.871559 0.377508
0.014721 0.723659 218.758842
0.48413 8.151389 67.871559 0.377508
0.014721 0.463723 174.356592
0.65609 8.151389 67.871559 0.377508
0.014721 0.204140 153.214811
0.82804 8.151389 67.871559 0.377508
0.014721 0.086627 184.349599
1.00000 8.151389 67.871559 0.377508
0.014721 0.467624 233.919396

COMB DB-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -10.767171 -157.137355 -0.555027
-0.015221 -1.074211 -209.176582
0.48413 -10.767171 -157.137355 -0.555027
-0.015221 -0.692130 -106.918349
0.65609 -10.767171 -157.137355 -0.555027
-0.015221 -0.311868 -49.091132
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REL_DIST P V2 V3
T M2 M3
0.82804 -10.767171 -157.137355 -0.555027
-0.015221 -0.095731 -11.999956
1.00000 -10.767171 -157.137355 -0.555027
-0.015221 -0.350463 .000000

COMB DB-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 1.058031 14.935586 0.133355
0.002118 0.260100 41.728959
0.48413 1.058031 14.935586 0.133355
0.002118 0.168281 31.455894
0.65609 1.058031 14.935586 0.133355
0.002118 0.076456 21.206778
0.82804 1.058031 14.935586 0.133355
0.002118 0.025941 11.009546
1.00000 1.058031 14.935586 0.133355
0.002118 0.148734 1.199595

COMB DB-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -6.211796 -38.360044 -0.178092
-0.000161 -0.341771 -112.298741
0.48413 -6.211796 -38.360044 -0.178092
-0.000161 -0.219151 -85.897618
0.65609 -6.211796 -38.360044 -0.178092
-0.000161 -0.096499 -59.534046
0.82804 -6.211796 -38.360044 -0.178092
-0.000161 -0.015751 -33.199657
1.00000 -6.211796 -38.360044 -0.178092
-0.000161 -0.107252 -7.021330

COMB DB-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 1.822030 27.231703 0.188657
0.015497 0.364541 95.998825
0.48413 1.822030 27.231703 0.188657
0.015497 0.234631 79.375019
0.65609 1.822030 27.231703 0.188657
0.015497 0.105010 85.400144
0.82804 1.822030 27.231703 0.188657
0.015497 0.051225 142.244757
1.00000 1.822030 27.231703 0.188657
0.015497 0.254969 204.757368

COMB DB-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -12.807907 -154.533969 -0.296513
-0.012788 -0.574172 -224.039282
0.48413 -12.807907 -154.533969 -0.296513
-0.012788 -0.369992 -123.403137
0.65609 -12.807907 -154.533969 -0.296513
-0.012788 -0.167567 -66.203536
0.82804 -12.807907 -154.533969 -0.296513
-0.012788 -0.064256 -29.076464
1.00000 -12.807907 -154.533969 -0.296513
-0.012788 -0.188763 .000000

COMB DB-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 6.298114 65.597186 0.332047
0.015495 0.639024 227.485290
0.48413 6.298114 65.597186 0.332047
0.015495 0.410389 184.504521
0.65609 6.298114 65.597186 0.332047
0.015495 0.182027 164.670478
0.82804 6.298114 65.597186 0.332047
0.015495 0.077169 196.765599
1.00000 6.298114 65.597186 0.332047
0.015495 0.421922 233.283937

COMB DB-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -12.687571 -159.266068 -0.502854
-0.014166 -0.976127 -230.558209
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REL_DIST P V2 V3
T M2 M3
0.48413 -12.687571 -159.266068 -0.502854
-0.014166 -0.630039 -126.878633
0.65609 -12.687571 -159.266068 -0.502854
-0.014166 -0.285865 -67.700784
0.82804 -12.687571 -159.266068 -0.502854
-0.014166 -0.086698 -29.322155
1.00000 -12.687571 -159.266068 -0.502854
-0.014166 -0.309922 .000000

COMB DL-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 5.283971 38.418686 0.405249
3.24E-05 0.777715 100.155853
0.48413 5.283971 38.418686 0.405249
3.24E-05 0.498609 73.746239
0.65609 5.283971 38.418686 0.405249
3.24E-05 0.219316 47.397600
0.82804 5.283971 38.418686 0.405249
3.24E-05 0.065313 21.276712
1.00000 5.283971 38.418686 0.405249
3.24E-05 0.373044 1.337385

COMB DL-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -1.046499 -20.593867 -0.447056
-0.002200 -0.858251 -57.958839
0.48413 -1.046499 -20.593867 -0.447056
-0.002200 -0.550433 -43.829480
0.65609 -1.046499 -20.593867 -0.447056
-0.002200 -0.242607 -29.763110
0.82804 -1.046499 -20.593867 -0.447056
-0.002200 -0.057490 -16.008542
1.00000 -1.046499 -20.593867 -0.447056
-0.002200 -0.337821 -8.022673

COMB DL-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 7.303535 64.586130 0.577376
0.011808 1.090093 232.227008
0.48413 7.303535 64.586130 0.577376
0.011808 0.697667 190.729106
0.65609 7.303535 64.586130 0.577376
0.011808 0.304816 170.437652
0.82804 7.303535 64.586130 0.577376
0.011808 0.102613 192.022105
1.00000 7.303535 64.586130 0.577376
0.011808 0.563820 214.976008

COMB DL-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -5.583914 -111.307224 -0.672734
-0.014130 -1.301279 -140.483008
0.48413 -5.583914 -111.307224 -0.672734
-0.014130 -0.840307 -66.396133
0.65609 -5.583914 -111.307224 -0.672734
-0.014130 -0.380508 -29.473905
0.82804 -5.583914 -111.307224 -0.672734
-0.014130 -0.124774 -13.861087
1.00000 -5.583914 -111.307224 -0.672734
-0.014130 -0.523248 .000000

COMB DL-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 7.289759 70.189887 0.639459
0.013409 1.207485 256.420884
0.48413 7.289759 70.189887 0.639459
0.013409 0.772304 211.541509
0.65609 7.289759 70.189887 0.639459
0.013409 0.336670 188.370982
0.82804 7.289759 70.189887 0.639459
0.013409 0.114550 209.470700
1.00000 7.289759 70.189887 0.639459
0.013409 0.642694 250.737197
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COMB DL-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -9.443027 -147.149893 -0.769241
-0.013980 -1.488117 -210.297959
0.48413 -9.443027 -147.149893 -0.769241
-0.013980 -0.960822 -111.989543
0.65609 -9.443027 -147.149893 -0.769241
-0.013980 -0.434537 -51.310624
0.82804 -9.443027 -147.149893 -0.769241
-0.013980 -0.135593 -14.156350
1.00000 -9.443027 -147.149893 -0.769241
-0.013980 -0.576734 .000000

COMB DL-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 1.082646 20.360943 0.183482
0.002316 0.354525 56.514477
0.48413 1.082646 20.360943 0.183482
0.002316 0.228135 42.523439
0.65609 1.082646 20.360943 0.183482
0.002316 0.101658 28.566765
0.82804 1.082646 20.360943 0.183482
0.002316 0.036613 14.756945
1.00000 1.082646 20.360943 0.183482
0.002316 0.210555 1.606401

COMB DL-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -5.382592 -38.005074 -0.251659
-0.000152 -0.482394 -111.913280
0.48413 -5.382592 -38.005074 -0.251659
-0.000152 -0.309097 -85.782300
0.65609 -5.382592 -38.005074 -0.251659
-0.000152 -0.135690 -59.716549
0.82804 -5.382592 -38.005074 -0.251659
-0.000152 -0.023898 -33.836207
1.00000 -5.382592 -38.005074 -0.251659
-0.000152 -0.150495 -8.493277

COMB DL-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 1.932822 33.946314 0.302395
0.014603 0.564184 140.539259
0.48413 1.932822 33.946314 0.302395
0.014603 0.361091 120.123553
0.65609 1.932822 33.946314 0.302395
0.014603 0.157808 120.910632
0.82804 1.932822 33.946314 0.302395
0.014603 0.067780 163.512588
1.00000 1.932822 33.946314 0.302395
0.014603 0.358675 214.718129

COMB DL-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -11.107152 -140.775270 -0.422053
-0.011707 -0.815987 -214.099632
0.48413 -11.107152 -140.775270 -0.422053
-0.011707 -0.527486 -119.711982
0.65609 -11.107152 -140.775270 -0.422053
-0.011707 -0.240137 -62.499189
0.82804 -11.107152 -140.775270 -0.422053
-0.011707 -0.084247 -26.491386
1.00000 -11.107152 -140.775270 -0.422053
-0.011707 -0.292169 .000000

COMB DL-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 5.768220 70.586706 0.548058
0.014306 1.033977 273.813215
0.48413 5.768220 70.586706 0.548058
0.014306 0.661730 228.449223
0.65609 5.768220 70.586706 0.548058
0.014306 0.289076 204.367281
0.82804 5.768220 70.586706 0.548058
0.014306 0.100914 222.448139
1.00000 5.768220 70.586706 0.548058
0.014306 0.579959 250.519364
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COMB DL-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -11.033786 -146.765477 -0.696285
-0.012923 -1.349971 -225.753918
0.48413 -11.033786 -146.765477 -0.696285
-0.012923 -0.872753 -127.566992
0.65609 -11.033786 -146.765477 -0.696285
-0.012923 -0.396903 -66.688789
0.82804 -11.033786 -146.765477 -0.696285
-0.012923 -0.120652 -27.470455
1.00000 -11.033786 -146.765477 -0.696285
-0.012923 -0.498599 .000000

COMB DB ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 8.320748 67.871559 0.377508
0.015497 0.723659 227.485290
0.48413 8.320748 67.871559 0.377508
0.015497 0.463723 184.504521
0.65609 8.320748 67.871559 0.377508
0.015497 0.204140 164.670478
0.82804 8.320748 67.871559 0.377508
0.015497 0.086627 196.765599
1.00000 8.320748 67.871559 0.377508
0.015497 0.467624 233.919396

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -12.807907 -159.266068 -0.555027
-0.015221 -1.074211 -230.558209
0.48413 -12.807907 -159.266068 -0.555027
-0.015221 -0.692130 -126.878633
0.65609 -12.807907 -159.266068 -0.555027
-0.015221 -0.311868 -67.700784
0.82804 -12.807907 -159.266068 -0.555027
-0.015221 -0.095731 -33.199657
1.00000 -12.807907 -159.266068 -0.555027
-0.015221 -0.350463 -7.021330

COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 7.303535 70.586706 0.639459
0.014603 1.207485 273.813215
0.48413 7.303535 70.586706 0.639459
0.014603 0.772304 228.449223
0.65609 7.303535 70.586706 0.639459
0.014603 0.336670 204.367281
0.82804 7.303535 70.586706 0.639459
0.014603 0.114550 222.448139
1.00000 7.303535 70.586706 0.639459
0.014603 0.642694 250.737197

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -11.107152 -147.149893 -0.769241
-0.014130 -1.488117 -225.753918
0.48413 -11.107152 -147.149893 -0.769241
-0.014130 -0.960822 -127.566992
0.65609 -11.107152 -147.149893 -0.769241
-0.014130 -0.434537 -66.688789
0.82804 -11.107152 -147.149893 -0.769241
-0.014130 -0.135593 -33.836207
1.00000 -11.107152 -147.149893 -0.769241
-0.014130 -0.576734 -8.493277

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 8.320748 70.586706 0.639459
0.015497 1.207485 273.813215
0.48413 8.320748 70.586706 0.639459
0.015497 0.772304 228.449223
0.65609 8.320748 70.586706 0.639459
0.015497 0.336670 204.367281
0.82804 8.320748 70.586706 0.639459
0.015497 0.114550 222.448139
1.00000 8.320748 70.586706 0.639459
0.015497 0.642694 250.737197
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COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -12.807907 -159.266068 -0.769241
-0.015221 -1.488117 -230.558209
0.48413 -12.807907 -159.266068 -0.769241
-0.015221 -0.960822 -127.566992
0.65609 -12.807907 -159.266068 -0.769241
-0.015221 -0.434537 -67.700784
0.82804 -12.807907 -159.266068 -0.769241
-0.015221 -0.135593 -33.836207
1.00000 -12.807907 -159.266068 -0.769241
-0.015221 -0.576734 -8.493277

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31218 8.320748 70.586706 0.639459
0.015497 1.207485 273.813215
0.48413 8.320748 70.586706 0.639459
0.015497 0.772304 228.449223
0.65609 8.320748 70.586706 0.639459
0.015497 0.336670 204.367281
0.82804 8.320748 70.586706 0.639459
0.015497 0.114550 222.448139
1.00000 8.320748 70.586706 0.639459
0.015497 0.642694 250.737197

COMB DESIGN ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31218 -12.807907 -159.266068 -0.769241
-0.015221 -1.488117 -230.558209
0.48413 -12.807907 -159.266068 -0.769241
-0.015221 -0.960822 -127.566992
0.65609 -12.807907 -159.266068 -0.769241
-0.015221 -0.434537 -67.700784
0.82804 -12.807907 -159.266068 -0.769241
-0.015221 -0.135593 -33.836207
1.00000 -12.807907 -159.266068 -0.769241
-0.015221 -0.576734 -8.493277

ELEM 106 ========== LENGTH = 4.005141

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.075687 38.370000 0.249440
2.26E-05 0.210583 0.947359

0.17198	6.075687	38.370000	0.249440
2.26E-05	0.038633	9.929068	
0.34395	6.075687	38.370000	0.249440
2.26E-05	0.176938	20.140177	
0.51593	6.075687	38.370000	0.249440
2.26E-05	0.393751	30.406166	
0.68790	6.075687	38.370000	0.249440
2.26E-05	0.610580	40.700689	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.025754	-14.948165	-0.314803
-0.002099	-0.257111	-5.621997	
0.17198	-1.025754	-14.948165	-0.314803
-0.002099	-0.041319	-31.886842	
0.34395	-1.025754	-14.948165	-0.314803
-0.002099	-0.133048	-58.233706	
0.51593	-1.025754	-14.948165	-0.314803
-0.002099	-0.304863	-84.612506	
0.68790	-1.025754	-14.948165	-0.314803
-0.002099	-0.476670	-111.030085	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.685613	154.613139	0.336880
0.012833	0.284064	206.075675	
0.17198	12.685613	154.613139	0.336880
0.012833	0.057351	140.657821	
0.34395	12.685613	154.613139	0.336880
0.012833	0.258645	83.771833	

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REL DIST	P	V2	V3
T	M2	M3	
0.51593	12.685613	154.613139	0.336880
0.012833	0.585961	78.156129	
0.68790	12.685613	154.613139	0.336880
0.012833	0.926750	94.777658	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.770594	-27.150981	-0.500319
-0.015441	-0.453592	.000000	
0.17198	-1.770594	-27.150981	-0.500319
-0.015441	-0.110203	-27.566501	
0.34395	-1.770594	-27.150981	-0.500319
-0.015441	-0.180242	-64.736398	
0.51593	-1.770594	-27.150981	-0.500319
-0.015441	-0.412184	-122.180992	
0.68790	-1.770594	-27.150981	-0.500319
-0.015441	-0.644230	-223.218407	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.618582	159.282507	0.393979
0.014346	0.325590	233.593790	
0.17198	12.618582	159.282507	0.393979
0.014346	0.060527	194.425960	
0.34395	12.618582	159.282507	0.393979
0.014346	0.257641	162.243683	
0.51593	12.618582	159.282507	0.393979
0.014346	0.653279	182.458952	
0.68790	12.618582	159.282507	0.393979
0.014346	1.032745	225.391156	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.313088	-65.436087	-0.556563
-0.015439	-0.502541	.000000	
0.17198	-6.313088	-65.436087	-0.556563
-0.015439	-0.120086	-27.393983	
0.34395	-6.313088	-65.436087	-0.556563
-0.015439	-0.217965	-65.719096	
0.51593	-6.313088	-65.436087	-0.556563
-0.015439	-0.488930	-125.106574	
0.68790	-6.313088	-65.436087	-0.556563
-0.015439	-0.760305	-229.126623	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.055091	15.180062	0.136592
0.002239	0.112517	1.185108	
0.17198	1.055091	15.180062	0.136592
0.002239	0.018664	20.237519	
0.34395	1.055091	15.180062	0.136592
0.002239	0.097136	46.913586	
0.51593	1.055091	15.180062	0.136592
0.002239	0.220081	73.669961	
0.68790	1.055091	15.180062	0.136592
0.002239	0.343064	100.453345	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.257403	-38.896409	-0.178529
-3.39E-05	-0.148803	-7.001151	
0.17198	-6.257403	-38.896409	-0.178529
-3.39E-05	-0.025749	-10.179611	
0.34395	-6.257403	-38.896409	-0.178529
-3.39E-05	-0.075872	-20.266875	
0.51593	-6.257403	-38.896409	-0.178529
-3.39E-05	-0.169924	-30.673396	
0.68790	-6.257403	-38.896409	-0.178529
-3.39E-05	-0.263976	-41.117886	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.251316	117.554942	0.198899
0.015361	0.161223	204.442302	

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REL DIST	P	V2	V3
T	M2	M3	
0.17198	6.251316	117.554942	0.198899
0.015361	0.030589	173.717717	
0.34395	6.251316	117.554942	0.198899
0.015361	0.154351	143.080434	
0.51593	6.251316	117.554942	0.198899
0.015361	0.356672	163.747834	
0.68790	6.251316	117.554942	0.198899
0.015361	0.572448	206.629610	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.465188	-65.267742	-0.318787
-0.012852	-0.307287	.000000	
0.17198	-8.465188	-65.267742	-0.318787
-0.012852	-0.087366	-9.272659	
0.34395	-8.465188	-65.267742	-0.318787
-0.012852	-0.113274	-20.856787	
0.51593	-8.465188	-65.267742	-0.318787
-0.012852	-0.250051	-52.753443	
0.68790	-8.465188	-65.267742	-0.318787
-0.012852	-0.387058	-128.262535	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.774931	157.208928	0.346021
0.015375	0.285732	232.965529	
0.17198	10.774931	157.208928	0.346021
0.015375	0.053651	182.098932	
0.34395	10.774931	157.208928	0.346021
0.015375	0.259976	150.808747	
0.51593	10.774931	157.208928	0.346021
0.015375	0.595221	172.420502	
0.68790	10.774931	157.208928	0.346021
0.015375	0.944267	216.802631	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.242903	-67.761964	-0.512417
-0.014657	-0.469079	.000000	
0.17198	-8.242903	-67.761964	-0.512417
-0.014657	-0.116474	-10.208555	
0.34395	-8.242903	-67.761964	-0.512417
-0.014657	-0.191384	-47.257295	
0.51593	-8.242903	-67.761964	-0.512417
-0.014657	-0.429506	-105.326097	
0.68790	-8.242903	-67.761964	-0.512417
-0.014657	-0.667850	-207.987724	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.256761	37.943084	0.412226
2.17E-05	0.347681	1.337468	
0.17198	5.256761	37.943084	0.412226
2.17E-05	0.062535	13.213111	
0.34395	5.256761	37.943084	0.412226
2.17E-05	0.240082	26.983875	
0.51593	5.256761	37.943084	0.412226
2.17E-05	0.539975	40.893740	
0.68790	5.256761	37.943084	0.412226
2.17E-05	0.839890	54.838161	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.038211	-20.283649	-0.435438
-0.002288	-0.360052	-8.021601	
0.17198	-1.038211	-20.283649	-0.435438
-0.002288	-0.060954	-32.409988	
0.34395	-1.038211	-20.283649	-0.435438
-0.002288	-0.219271	-58.262687	
0.51593	-1.038211	-20.283649	-0.435438
-0.002288	-0.503440	-84.313433	
0.68790	-1.038211	-20.283649	-0.435438
-0.002288	-0.787480	-110.420723	

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COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.023846	140.750802	0.587425
0.011737	0.494187	214.932468	
0.17198	11.023846	140.750802	0.587425
0.011737	0.096080	161.709180	
0.34395	11.023846	140.750802	0.587425
0.011737	0.349953	119.020260	
0.51593	11.023846	140.750802	0.587425
0.011737	0.806633	118.324815	
0.68790	11.023846	140.750802	0.587425
0.011737	1.272479	138.741581	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.842222	-33.817365	-0.683259
-0.014509	-0.611179	.000000	
0.17198	-1.842222	-33.817365	-0.683259
-0.014509	-0.142568	-24.980183	
0.34395	-1.842222	-33.817365	-0.683259
-0.014509	-0.314064	-60.983521	
0.51593	-1.842222	-33.817365	-0.683259
-0.014509	-0.719557	-118.469244	
0.68790	-1.842222	-33.817365	-0.683259
-0.014509	-1.124359	-212.958252	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.028799	146.713135	0.647988
0.013116	0.537841	250.697788	
0.17198	11.028799	146.713135	0.647988
0.013116	0.099394	220.307388	
0.34395	11.028799	146.713135	0.647988
0.013116	0.401020	202.085220	
0.51593	11.028799	146.713135	0.647988
0.013116	0.925265	226.250193	
0.68790	11.028799	146.713135	0.647988
0.013116	1.458867	271.657331	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.748605	-70.451859	-0.781885
-0.014215	-0.696865	.000000	
0.17198	-5.748605	-70.451859	-0.781885
-0.014215	-0.161624	-25.408510	
0.34395	-5.748605	-70.451859	-0.781885
-0.014215	-0.354287	-64.517333	
0.51593	-5.748605	-70.451859	-0.781885
-0.014215	-0.801380	-125.648368	
0.68790	-5.748605	-70.451859	-0.781885
-0.014215	-1.247873	-223.931349	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.096148	20.677147	0.178472
0.002441	0.146256	1.588863	
0.17198	1.096148	20.677147	0.178472
0.002441	0.023290	20.024140	
0.34395	1.096148	20.677147	0.178472
0.002441	0.137029	46.167051	
0.51593	1.096148	20.677147	0.178472
0.002441	0.309722	72.555962	
0.68790	1.096148	20.677147	0.178472
0.002441	0.482355	99.009812	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.416432	-38.472239	-0.250666
-3.13E-05	-0.208045	-8.477341	
0.17198	-5.416432	-38.472239	-0.250666
-3.13E-05	-0.035509	-14.637198	
0.34395	-5.416432	-38.472239	-0.250666
-3.13E-05	-0.099058	-28.433953	
0.51593	-5.416432	-38.472239	-0.250666
-3.13E-05	-0.222195	-42.559673	
0.68790	-5.416432	-38.472239	-0.250666
-3.13E-05	-0.345199	-56.757507	

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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.715947	111.363362	0.298999
0.014496	0.243326	214.677545	
0.17198	5.715947	111.363362	0.298999
0.014496	0.045865	190.487285	
0.34395	5.715947	111.363362	0.298999
0.014496	0.218553	168.898790	
0.51593	5.715947	111.363362	0.298999
0.014496	0.511835	189.317157	
0.68790	5.715947	111.363362	0.298999
0.014496	0.814085	230.867109	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.429805	-64.520392	-0.445681
-0.011748	-0.414714	.000000	
0.17198	-7.429805	-64.520392	-0.445681
-0.011748	-0.108751	-12.235506	
0.34395	-7.429805	-64.520392	-0.445681
-0.011748	-0.168636	-27.904805	
0.51593	-7.429805	-64.520392	-0.445681
-0.011748	-0.375112	-65.116713	
0.68790	-7.429805	-64.520392	-0.445681
-0.011748	-0.581239	-139.362218	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.510899	147.204341	0.550269
0.014295	0.454959	250.481540	
0.17198	9.510899	147.204341	0.550269
0.014295	0.083480	207.457533	
0.34395	9.510899	147.204341	0.550269
0.014295	0.361354	186.130399	
0.51593	9.510899	147.204341	0.550269
0.014295	0.838913	209.469838	
0.68790	9.510899	147.204341	0.550269
0.014295	1.325438	254.425840	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.344444	-70.158555	-0.713243
-0.013324	-0.640518	.000000	
0.17198	-7.344444	-70.158555	-0.713243
-0.013324	-0.150594	-12.250910	
0.34395	-7.344444	-70.158555	-0.713243
-0.013324	-0.302330	-49.231273	
0.51593	-7.344444	-70.158555	-0.713243
-0.013324	-0.682157	-110.246044	
0.68790	-7.344444	-70.158555	-0.713243
-0.013324	-1.061423	-208.744707	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.685613	159.282507	0.393979
0.015375	0.325590	233.593790	
0.17198	12.685613	159.282507	0.393979
0.015375	0.060527	194.425960	
0.34395	12.685613	159.282507	0.393979
0.015375	0.287641	162.243683	
0.51593	12.685613	159.282507	0.393979
0.015375	0.653279	182.458952	
0.68790	12.685613	159.282507	0.393979
0.015375	1.032745	225.391156	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.465188	-67.761964	-0.556563
-0.015441	-0.502541	-7.001151	
0.17198	-8.465188	-67.761964	-0.556563
-0.015441	-0.120086	-31.886842	
0.34395	-8.465188	-67.761964	-0.556563
-0.015441	-0.217965	-65.719096	
0.51593	-8.465188	-67.761964	-0.556563
-0.015441	-0.488930	-125.106574	
0.68790	-8.465188	-67.761964	-0.556563
-0.015441	-0.760305	-229.126623	

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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.028799	147.204341	0.647988
0.014496	0.537841	250.697788	
0.17198	11.028799	147.204341	0.647988
0.014496	0.099394	220.307388	
0.34395	11.028799	147.204341	0.647988
0.014496	0.401020	202.085220	
0.51593	11.028799	147.204341	0.647988
0.014496	0.925265	226.250193	
0.68790	11.028799	147.204341	0.647988
0.014496	1.458867	271.657331	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.429805	-70.451859	-0.781885
-0.014509	-0.696865	-8.477341	
0.17198	-7.429805	-70.451859	-0.781885
-0.014509	-0.161624	-32.409988	
0.34395	-7.429805	-70.451859	-0.781885
-0.014509	-0.354287	-64.517333	
0.51593	-7.429805	-70.451859	-0.781885
-0.014509	-0.801380	-125.648368	
0.68790	-7.429805	-70.451859	-0.781885
-0.014509	-1.247873	-223.931349	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.685613	159.282507	0.647988
0.015375	0.537841	250.697788	
0.17198	12.685613	159.282507	0.647988
0.015375	0.099394	220.307388	
0.34395	12.685613	159.282507	0.647988
0.015375	0.401020	202.085220	
0.51593	12.685613	159.282507	0.647988
0.015375	0.925265	226.250193	
0.68790	12.685613	159.282507	0.647988
0.015375	1.458867	271.657331	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.465188	-70.451859	-0.781885
-0.015441	-0.696865	-8.477341	
0.17198	-8.465188	-70.451859	-0.781885
-0.015441	-0.161624	-32.409988	
0.34395	-8.465188	-70.451859	-0.781885
-0.015441	-0.354287	-65.719096	
0.51593	-8.465188	-70.451859	-0.781885
-0.015441	-0.801380	-125.648368	
0.68790	-8.465188	-70.451859	-0.781885
-0.015441	-1.247873	-229.126623	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.685613	159.282507	0.647988
0.015375	0.537841	250.697788	
0.17198	12.685613	159.282507	0.647988
0.015375	0.099394	220.307388	
0.34395	12.685613	159.282507	0.647988
0.015375	0.401020	202.085220	
0.51593	12.685613	159.282507	0.647988
0.015375	0.925265	226.250193	
0.68790	12.685613	159.282507	0.647988
0.015375	1.458867	271.657331	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.465188	-70.451859	-0.781885
-0.015441	-0.696865	-8.477341	
0.17198	-8.465188	-70.451859	-0.781885
-0.015441	-0.161624	-32.409988	
0.34395	-8.465188	-70.451859	-0.781885
-0.015441	-0.354287	-65.719096	
0.51593	-8.465188	-70.451859	-0.781885
-0.015441	-0.801380	-125.648368	
0.68790	-8.465188	-70.451859	-0.781885
-0.015441	-1.247873	-229.126623	

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ELEM 107 ========== LENGTH = 4.005261

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31209	4.165076	25.439054	0.277343
3.57E-05	0.534967	64.989865	
0.48407	4.165076	25.439054	0.277343
3.57E-05	0.343929	47.477966	
0.65604	4.165076	25.439054	0.277343
3.57E-05	0.152885	29.989990	
0.82802	4.165076	25.439054	0.277343
3.57E-05	0.056568	12.616885	
1.00000	4.165076	25.439054	0.277343
3.57E-05	0.306517	0.929519	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31209	-1.743422	-22.200901	-0.362869
-0.002199	-0.693387	-62.097199	
0.48407	-1.743422	-22.200901	-0.362869
-0.002199	-0.443453	-46.808650	
0.65604	-1.743422	-22.200901	-0.362869
-0.002199	-0.193520	-31.580894	
0.82802	-1.743422	-22.200901	-0.362869
-0.002199	-0.038015	-16.680160	
1.00000	-1.743422	-22.200901	-0.362869
-0.002199	-0.229205	-5.402004	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31209	5.932885	49.213940	0.387715
0.012892	0.746195	162.907903	
0.48407	5.932885	49.213940	0.387715
0.012892	0.479125	131.201262	
0.65604	5.932885	49.213940	0.387715
0.012892	0.211984	121.096951	
0.82802	5.932885	49.213940	0.387715
0.012892	0.090479	162.884887	
1.00000	5.932885	49.213940	0.387715
0.012892	0.463779	204.689027	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31209	-7.151866	-126.007326	-0.549608
-0.015261	-1.056936	-153.826673	
0.48407	-7.151866	-126.007326	-0.549608
-0.015261	-0.678455	-72.068783	
0.65604	-7.151866	-126.007326	-0.549608
-0.015261	-0.300165	-33.414367	
0.82802	-7.151866	-126.007326	-0.549608
-0.015261	-0.091928	-16.127801	
1.00000	-7.151866	-126.007326	-0.549608
-0.015261	-0.346538	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31209	6.380728	57.595735	0.415452
0.014823	0.796940	190.786792	
0.48407	6.380728	57.595735	0.415452

0.014823 0.510764 153.466520
0.65604 6.380728 57.595735 0.415452
0.014823 0.224599 138.426553
0.82802 6.380728 57.595735 0.415452
0.014823 0.092269 176.933372
1.00000 6.380728 57.595735 0.415452
0.014823 0.484592 231.909741

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-10.496458	-156.732728	-0.577223
-0.015470	-1.112340	-209.818569	
0.48407	-10.496458	-156.732728	-0.577223
-0.015470	-0.714808	-107.006313	
0.65604	-10.496458	-156.732728	-0.577223
-0.015470	-0.317494	-48.383877	

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REL_DIST	P	V2	V3
T	M2	M3	
0.82802	-10.496458	-156.732728	-0.577223
-0.015470	-0.100023	-14.585745	
1.00000	-10.496458	-156.732728	-0.577223
-0.015470	-0.373093	.000000	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	1.765170	22.102545	0.105936
0.002331	0.203500	61.184622	
0.48407	1.765170	22.102545	0.105936
0.002331	0.130634	45.961666	
0.65604	1.765170	22.102545	0.105936
0.002331	0.057850	30.754892	
0.82802	1.765170	22.102545	0.105936
0.002331	0.019633	15.618705	
1.00000	1.765170	22.102545	0.105936
0.002331	0.120954	1.004442	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-4.216387	-25.486920	-0.146689
-2.17E-05	-0.283195	-76.024056	
0.48407	-4.216387	-25.486920	-0.146689
-2.17E-05	-0.182163	-58.478881	
0.65604	-4.216387	-25.486920	-0.146689
-2.17E-05	-0.081137	-40.971956	
0.82802	-4.216387	-25.486920	-0.146689
-2.17E-05	-0.016040	-23.496989	
1.00000	-4.216387	-25.486920	-0.146689
-2.17E-05	-0.088393	-6.216028	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	2.587014	35.576940	0.174000
0.015730	0.332382	118.614016	
0.48407	2.587014	35.576940	0.174000
0.015730	0.212522	96.283397	
0.65604	2.587014	35.576940	0.174000
0.015730	0.092617	95.563437	
0.82802	2.587014	35.576940	0.174000
0.015730	0.044843	146.740742	
1.00000	2.587014	35.576940	0.174000
0.015730	0.224969	203.692023	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-10.591276	-139.397286	-0.268598
-0.012921	-0.521394	-183.423350	
0.48407	-10.591276	-139.397286	-0.268598
-0.012921	-0.336388	-92.437547	
0.65604	-10.591276	-139.397286	-0.268598
-0.012921	-0.151517	-44.555024	
0.82802	-10.591276	-139.397286	-0.268598
-0.012921	-0.065321	-17.976712	
1.00000	-10.591276	-139.397286	-0.268598
-0.012921	-0.171535	.000000	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	5.734247	64.580058	0.346631
0.015704	0.664479	223.688211	
0.48407	5.734247	64.580058	0.346631
0.015704	0.425709	181.415822	
0.65604	5.734247	64.580058	0.346631
0.015704	0.186870	161.238294	
0.82802	5.734247	64.580058	0.346631
0.015704	0.077656	194.094631	
1.00000	5.734247	64.580058	0.346631
0.015704	0.417529	231.529825	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-11.169715	-149.868102	-0.501161
-0.014368	-0.969838	-204.911271	

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REL_DIST	P	V2	V3
T	M2	M3	
0.48407	-11.169715	-149.868102	-0.501161
-0.014368	-0.624755	-106.951686	
0.65604	-11.169715	-149.868102	-0.501161
-0.014368	-0.279982	-53.140186	
0.82802	-11.169715	-149.868102	-0.501161
-0.014368	-0.090584	-21.419099	
1.00000	-11.169715	-149.868102	-0.501161
-0.014368	-0.315651	.000000	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	3.440920	23.573612	0.457643
3.49E-05	0.880700	60.312115	
0.48407	3.440920	23.573612	0.457643
3.49E-05	0.565368	44.118396	
0.65604	3.440920	23.573612	0.457643
3.49E-05	0.249937	27.986677	
0.82802	3.440920	23.573612	0.457643
3.49E-05	0.075193	12.144802	
1.00000	3.440920	23.573612	0.457643
3.49E-05	0.408174	1.313063	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-2.770360	-32.203686	-0.483285
-0.002499	-0.923436	-91.339076	
0.48407	-2.770360	-32.203686	-0.483285
-0.002499	-0.590551	-69.198503	
0.65604	-2.770360	-32.203686	-0.483285
-0.002499	-0.257667	-47.122220	
0.82802	-2.770360	-32.203686	-0.483285
-0.002499	-0.063635	-25.363895	
1.00000	-2.770360	-32.203686	-0.483285
-0.002499	-0.379731	-8.124721	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	5.092749	46.262725	0.670537
0.011799	1.279951	179.356157	
0.48407	5.092749	46.262725	0.670537
0.011799	0.819773	150.328623	
0.65604	5.092749	46.262725	0.670537
0.011799	0.359657	141.601799	
0.82802	5.092749	46.262725	0.670537
0.011799	0.118350	175.796415	
1.00000	5.092749	46.262725	0.670537
0.011799	0.623981	212.497080	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-7.709514	-124.920781	-0.740899
-0.014572	-1.424413	-178.209908	
0.48407	-7.709514	-124.920781	-0.740899
-0.014572	-0.916109	-94.635892	
0.65604	-7.709514	-124.920781	-0.740899
-0.014572	-0.408548	-47.013799	
0.82802	-7.709514	-124.920781	-0.740899
-0.014572	-0.136041	-22.036944	
1.00000	-7.709514	-124.920781	-0.740899
-0.014572	-0.597935	.000000	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	6.248510	60.323108	0.704745
0.013619	1.342555	230.144109	
0.48407	6.248510	60.323108	0.704745
0.013619	0.858772	191.910468	
0.65604	6.248510	60.323108	0.704745
0.013619	0.375045	174.489352	
0.82802	6.248510	60.323108	0.704745
0.013619	0.123790	203.373758	
1.00000	6.248510	60.323108	0.704745
0.013619	0.672051	247.884324	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-10.232397	-149.914061	-0.803225
-0.014433	-1.548171	-221.418036	
0.48407	-10.232397	-149.914061	-0.803225
-0.014433	-0.996943	-121.051417	
0.65604	-10.232397	-149.914061	-0.803225
-0.014433	-0.446484	-57.129173	
0.82802	-10.232397	-149.914061	-0.803225
-0.014433	-0.144630	-19.986548	
1.00000	-10.232397	-149.914061	-0.803225
-0.014433	-0.629490	.000000	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	2.795799	32.042462	0.152886
0.002747	0.292562	87.829391	
0.48407	2.795799	32.042462	0.152886
0.002747	0.187325	65.791767	
0.65604	2.795799	32.042462	0.152886
0.002747	0.082014	43.781562	
0.82802	2.795799	32.042462	0.152886
0.002747	0.028045	21.855311	
1.00000	2.795799	32.042462	0.152886
0.002747	0.172944	1.378192	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-3.479601	-23.576041	-0.209328
-2.12E-05	-0.403738	-70.540753	
0.48407	-3.479601	-23.576041	-0.209328
-2.12E-05	-0.259582	-54.334502	
0.65604	-3.479601	-23.576041	-0.209328
-2.12E-05	-0.115251	-38.170730	
0.82802	-3.479601	-23.576041	-0.209328
-2.12E-05	-0.023113	-22.079505	
1.00000	-3.479601	-23.576041	-0.209328
-2.12E-05	-0.128537	-7.450862	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	3.894981	47.315952	0.291189
0.015036	0.547968	177.893541	
0.48407	3.894981	47.315952	0.291189
0.015036	0.349178	148.153055	
0.65604	3.894981	47.315952	0.291189
0.015036	0.150482	138.731623	
0.82802	3.894981	47.315952	0.291189
0.015036	0.061053	172.242670	
1.00000	3.894981	47.315952	0.291189
0.015036	0.326815	213.413701	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-8.995294	-123.358769	-0.391284
-0.011854	-0.758211	-168.165443	
0.48407	-8.995294	-123.358769	-0.391284
-0.011854	-0.490831	-85.670568	
0.65604	-8.995294	-123.358769	-0.391284
-0.011854	-0.223985	-39.149363	
0.82802	-8.995294	-123.358769	-0.391284
-0.011854	-0.086332	-15.274485	
1.00000	-8.995294	-123.358769	-0.391284
-0.011854	-0.285289	.000000	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	6.349028	72.713281	0.581392
0.014692	1.104560	275.783282	
0.48407	6.349028	72.713281	0.581392
0.014692	0.705786	228.911620	
0.65604	6.349028	72.713281	0.581392
0.014692	0.307028	202.837273	
0.82802	6.349028	72.713281	0.581392
0.014692	0.103147	220.402312	
1.00000	6.349028	72.713281	0.581392
0.014692	0.581416	248.123818	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-10.143784	-137.684658	-0.700334
-0.013220	-1.355290	-199.149536	
0.48407	-10.143784	-137.684658	-0.700334
-0.013220	-0.874956	-107.184044	
0.65604	-10.143784	-137.684658	-0.700334
-0.013220	-0.395266	-51.704635	
0.82802	-10.143784	-137.684658	-0.700334
-0.013220	-0.128287	-19.749384	
1.00000	-10.143784	-137.684658	-0.700334
-0.013220	-0.527948	.000000	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	6.380728	64.580058	0.415452
0.015730	0.796940	223.688211	
0.48407	6.380728	64.580058	0.415452
0.015730	0.510764	181.415822	
0.65604	6.380728	64.580058	0.415452
0.015730	0.224599	161.238294	
0.82802	6.380728	64.580058	0.415452
0.015730	0.092269	194.094631	
1.00000	6.380728	64.580058	0.415452
0.015730	0.484592	231.909741	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-11.169715	-156.732728	-0.577223
-0.015470	-1.112340	-209.818569	
0.48407	-11.169715	-156.732728	-0.577223
-0.015470	-0.714808	-107.006313	
0.65604	-11.169715	-156.732728	-0.577223
-0.015470	-0.317494	-53.140186	
0.82802	-11.169715	-156.732728	-0.577223
-0.015470	-0.100023	-23.496989	
1.00000	-11.169715	-156.732728	-0.577223
-0.015470	-0.373093	-6.216028	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	6.349028	72.713281	0.704745
0.015036	1.342555	275.783282	
0.48407	6.349028	72.713281	0.704745
0.015036	0.858772	228.911620	
0.65604	6.349028	72.713281	0.704745
0.015036	0.375045	202.837273	
0.82802	6.349028	72.713281	0.704745
0.015036	0.123790	220.402312	
1.00000	6.349028	72.713281	0.704745
0.015036	0.672051	248.123818	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-10.232397	-149.914061	-0.803225
-0.014572	-1.548171	-221.418036	
0.48407	-10.232397	-149.914061	-0.803225
-0.014572	-0.996943	-121.051417	
0.65604	-10.232397	-149.914061	-0.803225
-0.014572	-0.446484	-57.129173	
0.82802	-10.232397	-149.914061	-0.803225
-0.014572	-0.144630	-25.363895	
1.00000	-10.232397	-149.914061	-0.803225
-0.014572	-0.629490	-8.124721	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	6.380728	72.713281	0.704745
0.015730	1.342555	275.783282	
0.48407	6.380728	72.713281	0.704745
0.015730	0.858772	228.911620	
0.65604	6.380728	72.713281	0.704745
0.015730	0.375045	202.837273	
0.82802	6.380728	72.713281	0.704745
0.015730	0.123790	220.402312	
1.00000	6.380728	72.713281	0.704745
0.015730	0.672051	248.123818	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-11.169715	-156.732728	-0.803225
-0.015470	-1.548171	-221.418036	
0.48407	-11.169715	-156.732728	-0.803225
-0.015470	-0.996943	-121.051417	
0.65604	-11.169715	-156.732728	-0.803225
-0.015470	-0.446484	-57.129173	
0.82802	-11.169715	-156.732728	-0.803225
-0.015470	-0.144630	-25.363895	
1.00000	-11.169715	-156.732728	-0.803225
-0.015470	-0.629490	-8.124721	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	6.380728	72.713281	0.704745
0.015730	1.342555	275.783282	
0.48407	6.380728	72.713281	0.704745
0.015730	0.858772	228.911620	
0.65604	6.380728	72.713281	0.704745
0.015730	0.375045	202.837273	
0.82802	6.380728	72.713281	0.704745
0.015730	0.123790	220.402312	
1.00000	6.380728	72.713281	0.704745
0.015730	0.672051	248.123818	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-11.169715	-156.732728	-0.803225
-0.015470	-1.548171	-221.418036	
0.48407	-11.169715	-156.732728	-0.803225
-0.015470	-0.996943	-121.051417	
0.65604	-11.169715	-156.732728	-0.803225
-0.015470	-0.446484	-57.129173	
0.82802	-11.169715	-156.732728	-0.803225
-0.015470	-0.144630	-25.363895	
1.00000	-11.169715	-156.732728	-0.803225
-0.015470	-0.629490	-8.124721	

ELEM 108 ========== LENGTH = 4.005273

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.149751	25.390201	0.288005
0.000163	0.242781	0.929419	
0.17198	4.149751	25.390201	0.288005
0.000163	0.044376	14.358627	
0.34396	4.149751	25.390201	0.288005
0.000163	0.188668	29.548509	
0.51593	4.149751	25.390201	0.288005
0.000163	0.424452	44.804562	
0.68791	4.149751	25.390201	0.288005
0.000163	0.660365	60.076389	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.733516	-22.175864	-0.342501
-0.002309	-0.283693	-5.404016	
0.17198	-1.733516	-22.175864	-0.342501
-0.002309	-0.048672	-22.659473	
0.34396	-1.733516	-22.175864	-0.342501
-0.002309	-0.153995	-40.065867	
0.51593	-1.733516	-22.175864	-0.342501
-0.002309	-0.352381	-57.505603	
0.68791	-1.733516	-22.175864	-0.342501
-0.002309	-0.550762	-74.983533	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.298809	139.361150	0.406809
0.013041	0.342793	204.317466	
0.17198	10.298809	139.361150	0.406809
0.013041	0.065610	144.919689	
0.34396	10.298809	139.361150	0.406809
0.013041	0.280366	93.763173	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51593	10.298809	139.361150	0.406809
0.013041	0.639282	95.140118	
0.68791	10.298809	139.361150	0.406809
0.013041	0.999509	117.574370	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.710981	-35.615663	-0.538857
-0.015663	-0.489398	.000000	
0.17198	-2.710981	-35.615663	-0.538857
-0.015663	-0.119171	-17.023966	
0.34396	-2.710981	-35.615663	-0.538857
-0.015663	-0.217686	-43.545088	
0.51593	-2.710981	-35.615663	-0.538857
-0.015663	-0.497939	-91.573904	
0.68791	-2.710981	-35.615663	-0.538857
-0.015663	-0.778135	-182.822403	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.852250	149.738362	0.430121
0.014625	0.354677	231.540486	
0.17198	10.852250	149.738362	0.430121
0.014625	0.066099	191.897864	
0.34396	10.852250	149.738362	0.430121
0.014625	0.296904	159.046330	
0.51593	10.852250	149.738362	0.430121
0.014625	0.677930	179.871102	
0.68791	10.852250	149.738362	0.430121
0.014625	1.060293	222.215878	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.983483	-64.584800	-0.571336
-0.015639	-0.518122	.000000	
0.17198	-5.983483	-64.584800	-0.571336
-0.015639	-0.125535	-19.830289	
0.34396	-5.983483	-64.584800	-0.571336
-0.015639	-0.238323	-51.371019	
0.51593	-5.983483	-64.584800	-0.571336
-0.015639	-0.534275	-105.279942	
0.68791	-5.983483	-64.584800	-0.571336
-0.015639	-0.830528	-203.443136	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.774719	22.124835	0.094344
0.002403	0.076863	0.993571	
0.17198	1.774719	22.124835	0.094344
0.002403	0.011999	11.943018	
0.34396	1.774719	22.124835	0.094344
0.002403	0.083079	29.358492	
0.51593	1.774719	22.124835	0.094344
0.002403	0.187258	46.913912	
0.68791	1.774719	22.124835	0.094344
0.002403	0.291430	64.493143	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.230972	-25.536970	-0.151252
-0.000296	-0.125274	-6.204112	
0.17198	-4.230972	-25.536970	-0.151252
-0.000296	-0.021119	-15.356788	
0.34396	-4.230972	-25.536970	-0.151252
-0.000296	-0.053299	-30.191730	
0.51593	-4.230972	-25.536970	-0.151252
-0.000296	-0.118087	-45.360030	
0.68791	-4.230972	-25.536970	-0.151252
-0.000296	-0.183085	-60.594436	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.990075	125.930795	0.168089

0.015551 0.134950 203.339031
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REL DIST P V2 V3
T M2 M3
0.17198 6.990075 125.930795 0.168089
0.015551 0.022863 161.520053
0.34396 6.990075 125.930795 0.168089
0.015551 0.142727 119.717425
0.51593 6.990075 125.930795 0.168089
0.015551 0.328586 130.467386
0.68791 6.990075 125.930795 0.168089
0.015551 0.515693 162.293893

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.188869 -49.216749 -0.287518
-0.013083 -0.280089 .000000
0.17198 -6.188869 -49.216749 -0.287518
-0.013083 -0.082044 -14.566111
0.34396 -6.188869 -49.216749 -0.287518
-0.013083 -0.097070 -31.748858
0.51593 -6.188869 -49.216749 -0.287518
-0.013083 -0.212856 -70.514308
0.68791 -6.188869 -49.216749 -0.287518
-0.013083 -0.328629 -152.511123

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.209890 156.691843 0.349569
0.015748 0.288140 231.167531
0.17198 10.209890 156.691843 0.349569
0.015748 0.050957 175.108861
0.34396 10.209890 156.691843 0.349569
0.015748 0.260178 136.577505
0.51593 10.209890 156.691843 0.349569
0.015748 0.596554 152.312224
0.68791 10.209890 156.691843 0.349569
0.015748 0.934314 189.821017

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.660892 -57.689811 -0.506581
-0.014972 -0.465234 .000000
0.17198 -6.660892 -57.689811 -0.506581
-0.014972 -0.116583 -13.268418
0.34396 -6.660892 -57.689811 -0.506581
-0.014972 -0.193815 -46.430163
0.51593 -6.660892 -57.689811 -0.506581
-0.014972 -0.434609 -105.178458
0.68791 -6.660892 -57.689811 -0.506581
-0.014972 -0.675387 -208.258627

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.426217 23.527241 0.469996
0.000158 0.395930 1.313040
0.17198 3.426217 23.527241 0.469996
0.000158 0.071231 20.003029
0.34396 3.426217 23.527241 0.469996
0.000158 0.253831 41.995691
0.51593 3.426217 23.527241 0.469996
0.000158 0.574512 64.083632
0.68791 3.426217 23.527241 0.469996
0.000158 0.895165 86.201665

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.749646 -32.157504 -0.465570
-0.002712 -0.387819 -8.131007
0.17198 -2.749646 -32.157504 -0.465570
-0.002712 -0.067546 -21.343197
0.34396 -2.749646 -32.157504 -0.465570
-0.002712 -0.250757 -37.382579
0.51593 -2.749646 -32.157504 -0.465570
-0.002712 -0.574710 -53.513454
0.68791 -2.749646 -32.157504 -0.465570
-0.002712 0.898542 -69.679741
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COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.796499 123.348152 0.692564
0.011915 0.582471 212.435077
0.17198 8.796499 123.348152 0.692564
0.011915 0.111055 170.084895
0.34396 8.796499 123.348152 0.692564
0.011915 0.380134 136.717979
0.51593 8.796499 123.348152 0.692564
0.011915 0.877886 146.490196
0.68791 8.796499 123.348152 0.692564
0.011915 1.376315 176.441938

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.908986 -47.522034 -0.737866
-0.014940 -0.659354 .000000
0.17198 -3.908986 -47.522034 -0.737866
-0.014940 -0.152439 -14.527195
0.34396 -3.908986 -47.522034 -0.737866
-0.014940 -0.371188 -38.383345
0.51593 -3.908986 -47.522034 -0.737866
-0.014940 -0.848961 -85.154949
0.68791 -3.908986 -47.522034 -0.737866
-0.014940 -1.326108 -167.735754

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.971640 137.477448 0.719840
0.013482 0.598330 247.821764
0.17198 9.971640 137.477448 0.719840
0.013482 0.110438 218.459137
0.34396 9.971640 137.477448 0.719840
0.013482 0.414674 201.010123
0.51593 9.971640 137.477448 0.719840
0.013482 0.958309 227.297711
0.68791 9.971640 137.477448 0.719840
0.013482 1.502521 274.287952

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.461454 -72.866534 -0.804480
-0.014601 -0.716915 .000000
0.17198 -6.461454 -72.866534 -0.804480
-0.014601 -0.165248 -18.169869
0.34396 -6.461454 -72.866534 -0.804480
-0.014601 -0.393502 -50.004983
0.51593 -6.461454 -72.866534 -0.804480
-0.014601 -0.889763 -105.471997
0.68791 -6.461454 -72.866534 -0.804480
-0.014601 -1.385593 -197.336255

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.815454 32.082452 0.139426
0.002826 0.114168 1.367676
0.17198 2.815454 32.082452 0.139426
0.002826 0.017778 11.506052
0.34396 2.815454 32.082452 0.139426
0.002826 0.118306 27.368441
0.51593 2.815454 32.082452 0.139426
0.002826 0.264492 43.492522
0.68791 2.815454 32.082452 0.139426
0.002826 0.410753 59.720321

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.494174 -23.623461 -0.212263
-0.000250 -0.173914 -7.448022
0.17198 -3.494174 -23.623461 -0.212263
-0.000250 -0.029137 -23.358339
0.34396 -3.494174 -23.623461 -0.212263
-0.000250 -0.077362 -45.030547
0.51593 -3.494174 -23.623461 -0.212263
-0.000250 -0.173605 -67.026557
0.68791 -3.494174 -23.623461 -0.212263
-0.000250 -0.269682 -89.085825
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.650645 124.705609 0.283820
0.014889 0.231424 213.354720
0.17198 7.650645 124.705609 0.283820
0.014889 0.043447 175.048045
0.34396 7.650645 124.705609 0.283820
0.014889 0.206508 140.847098
0.51593 7.650645 124.705609 0.283820
0.014889 0.480330 149.749282
0.68791 7.650645 124.705609 0.283820
0.014889 0.754762 178.824970

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.248784 -46.250024 -0.412744
-0.011934 -0.384682 .000000
0.17198 -5.248784 -46.250024 -0.412744
-0.011934 -0.103155 -19.737949
0.34396 -5.248784 -46.250024 -0.412744
-0.011934 -0.159704 -44.536965
0.51593 -5.248784 -46.250024 -0.412744
-0.011934 -0.355719 -92.269014
0.68791 -5.248784 -46.250024 -0.412744
-0.011934 -0.551307 -175.807667

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.075884 149.746999 0.583857
0.014729 0.483639 248.062477
0.17198 10.075884 149.746999 0.583857
0.014729 0.088094 201.852850
0.34396 10.075884 149.746999 0.583857
0.014729 0.364595 172.931577
0.51593 10.075884 149.746999 0.583857
0.014729 0.843690 190.647924
0.68791 10.075884 149.746999 0.583857
0.014729 1.323358 229.055843

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.378187 -60.486831 -0.710707
-0.013677 -0.637172 .000000
0.17198 -6.378187 -60.486831 -0.710707
-0.013677 -0.150786 -18.005189
0.34396 -6.378187 -60.486831 -0.710707
-0.013677 -0.320240 -54.690901
0.51593 -6.378187 -60.486831 -0.710707
-0.013677 -0.723093 -118.776554
0.68791 -6.378187 -60.486831 -0.710707
-0.013677 -1.125446 -219.162288

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.852250 156.691843 0.430121
0.015748 0.354677 231.540486
0.17198 10.852250 156.691843 0.430121
0.015748 0.066099 191.897864
0.34396 10.852250 156.691843 0.430121
0.015748 0.296904 159.046330
0.51593 10.852250 156.691843 0.430121
0.015748 0.677930 179.871102
0.68791 10.852250 156.691843 0.430121
0.015748 1.060293 222.215878

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.660892 -64.584800 -0.571336
-0.015663 -0.518122 -6.204112
0.17198 -6.660892 -64.584800 -0.571336
-0.015663 -0.125535 -22.659473
0.34396 -6.660892 -64.584800 -0.571336
-0.015663 -0.238323 -51.371019
0.51593 -6.660892 -64.584800 -0.571336
-0.015663 -0.534275 -105.279942
0.68791 -6.660892 -64.584800 -0.571336
-0.015663 -0.830528 -208.258627
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.075884 149.746999 0.719840
0.014889 0.598330 248.062477
0.17198 10.075884 149.746999 0.719840
0.014889 0.111055 218.459137
0.34396 10.075884 149.746999 0.719840
0.014889 0.414674 201.010123
0.51593 10.075884 149.746999 0.719840
0.014889 0.958309 227.297711
0.68791 10.075884 149.746999 0.719840
0.014889 1.502521 274.287952

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.461454 -72.866534 -0.804480
-0.014940 -0.716915 -8.131007
0.17198 -6.461454 -72.866534 -0.804480
-0.014940 -0.165248 -23.358339
0.34396 -6.461454 -72.866534 -0.804480
-0.014940 -0.393502 -54.690901
0.51593 -6.461454 -72.866534 -0.804480
-0.014940 -0.889763 -118.776554
0.68791 -6.461454 -72.866534 -0.804480
-0.014940 -1.385593 -219.162288

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.852250 156.691843 0.719840
0.015748 0.598330 248.062477
0.17198 10.852250 156.691843 0.719840
0.015748 0.111055 218.459137
0.34396 10.852250 156.691843 0.719840
0.015748 0.414674 201.010123
0.51593 10.852250 156.691843 0.719840
0.015748 0.958309 227.297711
0.68791 10.852250 156.691843 0.719840
0.015748 1.502521 274.287952

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.660892 -72.866534 -0.804480
-0.015663 -0.716915 -8.131007
0.17198 -6.660892 -72.866534 -0.804480
-0.015663 -0.165248 -23.358339
0.34396 -6.660892 -72.866534 -0.804480
-0.015663 -0.393502 -54.690901
0.51593 -6.660892 -72.866534 -0.804480
-0.015663 -0.889763 -118.776554
0.68791 -6.660892 -72.866534 -0.804480
-0.015663 -1.385593 -219.162288

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.852250 156.691843 0.719840
0.015748 0.598330 248.062477
0.17198 10.852250 156.691843 0.719840
0.015748 0.111055 218.459137
0.34396 10.852250 156.691843 0.719840
0.015748 0.414674 201.010123
0.51593 10.852250 156.691843 0.719840
0.015748 0.958309 227.297711
0.68791 10.852250 156.691843 0.719840
0.015748 1.502521 274.287952

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.660892 -72.866534 -0.804480
-0.015663 -0.716915 -8.131007
0.17198 -6.660892 -72.866534 -0.804480
-0.015663 -0.165248 -23.358339
0.34396 -6.660892 -72.866534 -0.804480
-0.015663 -0.393502 -54.690901
0.51593 -6.660892 -72.866534 -0.804480
-0.015663 -0.889763 -118.776554
0.68791 -6.660892 -72.866534 -0.804480
-0.015663 -1.385593 -219.162288
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 109 ========== LENGTH = 4.005446

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31208 1.372663 7.023429 0.307793
0.000662 0.594296 14.189868
0.48406 1.372663 7.023429 0.307793
0.000662 0.382292 9.429148
0.65604 1.372663 7.023429 0.307793
0.000662 0.170272 4.848357
0.82802 1.372663 7.023429 0.307793
0.000662 0.059827 1.749821
1.00000 1.372663 7.023429 0.307793
0.000662 0.308173 0.900675

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31208 -3.591922 -26.180589 -0.360418
-0.002055 -0.684939 -73.440550
0.48406 -3.591922 -26.180589 -0.360418
-0.002055 -0.436661 -55.422052
0.65604 -3.591922 -26.180589 -0.360418
-0.002055 -0.188384 -37.518812
0.82802 -3.591922 -26.180589 -0.360418
-0.002055 -0.041673 -19.908374
1.00000 -3.591922 -26.180589 -0.360418
-0.002055 -0.253864 -5.433958

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31208 2.557396 27.368801 0.445583
0.013772 0.857482 100.717274
0.48406 2.557396 27.368801 0.445583
0.013772 0.550538 84.234835
0.65604 2.557396 27.368801 0.445583
0.013772 0.243601 86.960298
0.82802 2.557396 27.368801 0.445583
0.013772 0.093965 143.877865
1.00000 2.557396 27.368801 0.445583
0.013772 0.461999 200.843033

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31208 -9.409676 -130.518050 -0.546880
-0.014961 -1.045019 -168.762707
0.48406 -9.409676 -130.518050 -0.546880
-0.014961 -0.668330 -82.874084
0.65604 -9.409676 -130.518050 -0.546880
-0.014961 -0.291804 -39.658804
0.82802 -9.409676 -130.518050 -0.546880
-0.014961 -0.099187 -19.153266
1.00000 -9.409676 -130.518050 -0.546880
-0.014961 -0.394351 .000000

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31208 4.394067 40.323125 0.457202
0.015498 0.874382 142.210452
0.48406 4.394067 40.323125 0.457202
0.015498 0.559544 117.023977
0.65604 4.394067 40.323125 0.457202
0.015498 0.244723 111.596823
0.82802 4.394067 40.323125 0.457202
0.015498 0.091974 162.429250
1.00000 4.394067 40.323125 0.457202
0.015498 0.466570 227.198531

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31208 -10.803180 -148.402907 -0.556923
-0.015527 -1.068139 -190.409148
0.48406 -10.803180 -148.402907 -0.556923
-0.015527 -0.684519 -92.331424
0.65604 -10.803180 -148.402907 -0.556923
-0.015527 -0.301084 -38.573535
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REL DIST P V2 V3
T M2 M3
0.82802 -10.803180 -148.402907 -0.556923
-0.015527 -0.107331 -17.620027
1.00000 -10.803180 -148.402907 -0.556923
-0.015527 -0.410069 .000000

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31208 3.622341 25.997985 0.091248
0.002166 0.171068 71.599105
0.48406 3.622341 25.997985 0.091248
0.002166 0.108212 53.691865
0.65604 3.622341 25.997985 0.091248
0.002166 0.045422 35.818951
0.82802 3.622341 25.997985 0.091248
0.002166 0.014843 18.001161
1.00000 3.622341 25.997985 0.091248
0.002166 0.096537 0.897751

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31208 -1.362544 -6.985592 -0.118626
-0.000738 -0.230296 -24.520131
0.48406 -1.362544 -6.985592 -0.118626
-0.000738 -0.148593 -19.719117
0.65604 -1.362544 -6.985592 -0.118626
-0.000738 -0.066852 -14.957255
0.82802 -1.362544 -6.985592 -0.118626
-0.000738 -0.017569 -10.228083
1.00000 -1.362544 -6.985592 -0.118626
-0.000738 -0.080379 -5.686331

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31208 4.706938 40.646298 0.173369
0.015701 0.325368 131.584054
0.48406 4.706938 40.646298 0.173369
0.015701 0.206050 105.957130
0.65604 4.706938 40.646298 0.173369
0.015701 0.086737 99.546391
0.82802 4.706938 40.646298 0.173369
0.015701 0.037519 147.394696
1.00000 4.706938 40.646298 0.173369
0.015701 0.190531 200.535896

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31208 -7.274769 -116.771093 -0.234571
-0.013525 -0.455863 -123.910720
0.48406 -7.274769 -116.771093 -0.234571
-0.013525 -0.294305 -47.464662
0.65604 -7.274769 -116.771093 -0.234571
-0.013525 -0.132917 -13.682546
0.82802 -7.274769 -116.771093 -0.234571
-0.013525 -0.069202 -2.847596
1.00000 -7.274769 -116.771093 -0.234571
-0.013525 -0.176544 .000000

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31208 5.868847 56.961539 0.371466
0.016001 0.706887 200.351781
0.48406 5.868847 56.961539 0.371466
0.016001 0.451108 163.535008
0.65604 5.868847 56.961539 0.371466
0.016001 0.195348 146.348828
0.82802 5.868847 56.961539 0.371466
0.016001 0.074113 184.606257
1.00000 5.868847 56.961539 0.371466
0.016001 0.389099 227.091669

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31208 -9.317613 -131.835484 -0.470223
-0.014805 -0.906790 -157.501202
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.48406 -9.317613 -131.835484 -0.470223
-0.014805 -0.582936 -70.861813
0.65604 -9.317613 -131.835484 -0.470223

-0.014805 -0.259263 -27.947176
0.82802 -9.317613 -131.835484 -0.470223
-0.014805 -0.097668 -8.749363
1.00000 -9.317613 -131.835484 -0.470223
-0.014805 -0.341301 .000000

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	1.325454	7.383866	0.500664
0.000692	0.964001	17.159397	
0.48406	1.325454	7.383866	0.500664
0.000692	0.619012	12.159559	
0.65604	1.325454	7.383866	0.500664
0.000692	0.273845	7.247038	
0.82802	1.325454	7.383866	0.500664
0.000692	0.080325	2.773571	
1.00000	1.325454	7.383866	0.500664
0.000692	0.413250	1.277579	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-6.317211	-45.068438	-0.483165
-0.002368	-0.918068	-128.653780	
0.48406	-6.317211	-45.068438	-0.483165
-0.002368	-0.585272	-97.669665	
0.65604	-6.317211	-45.068438	-0.483165
-0.002368	-0.252471	-66.787943	
0.82802	-6.317211	-45.068438	-0.483165
-0.002368	-0.069329	-36.353639	
1.00000	-6.317211	-45.068438	-0.483165
-0.002368	-0.415114	-8.437534	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	2.645719	26.386016	0.753436
0.012517	1.437460	119.876800	
0.48406	2.645719	26.386016	0.753436
0.012517	0.918466	104.560016	
0.65604	2.645719	26.386016	0.753436
0.012517	0.402656	108.227565	
0.82802	2.645719	26.386016	0.753436
0.012517	0.126538	156.279165	
1.00000	2.645719	26.386016	0.753436
0.012517	0.632090	208.051785	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-11.860506	-139.040547	-0.747008
-0.014201	-1.426673	-217.822156	
0.48406	-11.860506	-139.040547	-0.747008
-0.014201	-0.912330	-124.334402	
0.65604	-11.860506	-139.040547	-0.747008
-0.014201	-0.401556	-65.285600	
0.82802	-11.860506	-139.040547	-0.747008
-0.014201	-0.148319	-30.541906	
1.00000	-11.860506	-139.040547	-0.747008
-0.014201	-0.668081	.000000	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	6.019829	48.878674	0.768551
0.014161	1.461215	198.543251	
0.48406	6.019829	48.878674	0.768551
0.014161	0.931813	168.323507	
0.65604	6.019829	48.878674	0.768551
0.014161	0.405542	157.925073	
0.82802	6.019829	48.878674	0.768551
0.014161	0.124609	195.104763	
1.00000	6.019829	48.878674	0.768551
0.014161	0.649545	242.488460	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.539070	-150.535073	-0.775599
-0.014517	-1.488055	-229.197029	
0.48406	-12.539070	-150.535073	-0.775599
-0.014517	-0.954078	-128.333406	
0.65604	-12.539070	-150.535073	-0.775599
-0.014517	-0.423656	-62.622960	
0.82802	-12.539070	-150.535073	-0.775599
-0.014517	-0.156226	-28.095644	
1.00000	-12.539070	-150.535073	-0.775599
-0.014517	-0.685996	.000000	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	6.350651	44.683363	0.134236
0.002605	0.253177	121.380597	
0.48406	6.350651	44.683363	0.134236
0.002605	0.160690	90.643555	
0.65604	6.350651	44.683363	0.134236
0.002605	0.068086	59.958175	
0.82802	6.350651	44.683363	0.134236
0.002605	0.019291	29.416469	
1.00000	6.350651	44.683363	0.134236
0.002605	0.131138	1.254606	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-1.290817	-7.217852	-0.162192
-0.000811	-0.315817	-23.613151	
0.48406	-1.290817	-7.217852	-0.162192
-0.000811	-0.203997	-18.714145	
0.65604	-1.290817	-7.217852	-0.162192
-0.000811	-0.092233	-13.873486	
0.82802	-1.290817	-7.217852	-0.162192
-0.000811	-0.023486	-9.161161	
1.00000	-1.290817	-7.217852	-0.162192
-0.000811	-0.116393	-6.777683	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	8.066988	61.857247	0.295592
0.014903	0.550201	217.905877	
0.48406	8.066988	61.857247	0.295592
0.014903	0.346610	178.163437	
0.65604	8.066988	61.857247	0.295592
0.014903	0.146357	157.443644	
0.82802	8.066988	61.857247	0.295592
0.014903	0.050651	181.239564	
1.00000	8.066988	61.857247	0.295592
0.014903	0.274742	210.062753	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-6.425861	-102.619419	-0.337543
-0.012488	-0.655641	-115.302668	
0.48406	-6.425861	-102.619419	-0.337543
-0.012488	-0.423350	-46.911664	
0.65604	-6.425861	-102.619419	-0.337543
-0.012488	-0.194382	-12.962817	
0.82802	-6.425861	-102.619419	-0.337543
-0.012488	-0.090355	-3.427714	
1.00000	-6.425861	-102.619419	-0.337543
-0.012488	-0.294062	.000000	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	8.728898	73.949482	0.621712
0.014844	1.175714	273.928173	
0.48406	8.728898	73.949482	0.621712
0.014844	0.747368	226.206154	
0.65604	8.728898	73.949482	0.621712
0.014844	0.322288	197.827279	
0.82802	8.728898	73.949482	0.621712
0.014844	0.098553	215.060555	
1.00000	8.728898	73.949482	0.621712
0.014844	0.540935	243.163972	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-9.809911	-125.482715	-0.654550
-0.013638	-1.262913	-165.968571	
0.48406	-9.809911	-125.482715	-0.654550
-0.013638	-0.812331	-82.236556	
0.65604	-9.809911	-125.482715	-0.654550
-0.013638	-0.365105	-33.322084	
0.82802	-9.809911	-125.482715	-0.654550
-0.013638	-0.137971	-10.034725	
1.00000	-9.809911	-125.482715	-0.654550
-0.013638	-0.566830	.000000	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	5.868847	56.961539	0.457202
0.016001	0.874382	200.351781	
0.48406	5.868847	56.961539	0.457202
0.016001	0.559544	163.535008	
0.65604	5.868847	56.961539	0.457202
0.016001	0.244723	146.348828	
0.82802	5.868847	56.961539	0.457202
0.016001	0.093965	184.606257	
1.00000	5.868847	56.961539	0.457202
0.016001	0.466570	227.198531	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-10.803180	-148.402907	-0.556923
-0.015527	-1.068139	-190.409148	
0.48406	-10.803180	-148.402907	-0.556923
-0.015527	-0.684519	-92.331424	
0.65604	-10.803180	-148.402907	-0.556923
-0.015527	-0.301084	-39.658804	
0.82802	-10.803180	-148.402907	-0.556923
-0.015527	-0.107331	-19.908374	
1.00000	-10.803180	-148.402907	-0.556923
-0.015527	-0.410069	-5.686331	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	8.728898	73.949482	0.768551
0.014903	1.461215	273.928173	
0.48406	8.728898	73.949482	0.768551
0.014903	0.931813	226.206154	
0.65604	8.728898	73.949482	0.768551
0.014903	0.405542	197.827279	
0.82802	8.728898	73.949482	0.768551
0.014903	0.126538	215.060555	
1.00000	8.728898	73.949482	0.768551
0.014903	0.649545	243.163972	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.539070	-150.535073	-0.775599
-0.014517	-1.488055	-229.197029	
0.48406	-12.539070	-150.535073	-0.775599
-0.014517	-0.954078	-128.333406	
0.65604	-12.539070	-150.535073	-0.775599
-0.014517	-0.423656	-66.787943	
0.82802	-12.539070	-150.535073	-0.775599
-0.014517	-0.156226	-36.353639	
1.00000	-12.539070	-150.535073	-0.775599
-0.014517	-0.685996	-8.437534	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	8.728898	73.949482	0.768551
0.016001	1.461215	273.928173	
0.48406	8.728898	73.949482	0.768551
0.016001	0.931813	226.206154	
0.65604	8.728898	73.949482	0.768551
0.016001	0.405542	197.827279	
0.82802	8.728898	73.949482	0.768551
0.016001	0.126538	215.060555	
1.00000	8.728898	73.949482	0.768551
0.016001	0.649545	243.163972	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.539070	-150.535073	-0.775599
-0.015527	-1.488055	-229.197029	
0.48406	-12.539070	-150.535073	-0.775599
-0.015527	-0.954078	-128.333406	
0.65604	-12.539070	-150.535073	-0.775599
-0.015527	-0.423656	-66.787943	
0.82802	-12.539070	-150.535073	-0.775599
-0.015527	-0.156226	-36.353639	
1.00000	-12.539070	-150.535073	-0.775599
-0.015527	-0.685996	-8.437534	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	8.728898	73.949482	0.768551
0.016001	1.461215	273.928173	
0.48406	8.728898	73.949482	0.768551
0.016001	0.931813	226.206154	
0.65604	8.728898	73.949482	0.768551
0.016001	0.405542	197.827279	
0.82802	8.728898	73.949482	0.768551
0.016001	0.126538	215.060555	
1.00000	8.728898	73.949482	0.768551
0.016001	0.649545	243.163972	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-12.539070	-150.535073	-0.775599
-0.015527	-1.488055	-229.197029	
0.48406	-12.539070	-150.535073	-0.775599
-0.015527	-0.954078	-128.333406	
0.65604	-12.539070	-150.535073	-0.775599
-0.015527	-0.423656	-66.787943	
0.82802	-12.539070	-150.535073	-0.775599
-0.015527	-0.156226	-36.353639	
1.00000	-12.539070	-150.535073	-0.775599
-0.015527	-0.685996	-8.437534	

ELEM 110 ========== LENGTH = 4.004448

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.362577	6.906921	0.322781
0.000739	0.272822	0.904501	
0.17196	1.362577	6.906921	0.322781
0.000739	0.050431	16.783212	
0.34392	1.362577	6.906921	0.322781
0.000739	0.185001	34.760470	
0.51589	1.362577	6.906921	0.322781
0.000739	0.421641	52.804548	
0.68785	1.362577	6.906921	0.322781
0.000739	0.658280	70.868642	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.584952	-26.235107	-0.343734
-0.002150	-0.286767	-5.438761	
0.17196	-3.584952	-26.235107	-0.343734
-0.002150	-0.052354	-9.992871	
0.34392	-3.584952	-26.235107	-0.343734
-0.002150	-0.171873	-14.662874	
0.51589	-3.584952	-26.235107	-0.343734
-0.002150	-0.394103	-19.366648	
0.68785	-3.584952	-26.235107	-0.343734
-0.002150	-0.616316	-24.109405	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.871466	116.837451	0.470945
0.013565	0.397567	200.466262	
0.17196	6.871466	116.837451	0.470945
0.013565	0.077084	145.593115	
0.34392	6.871466	116.837451	0.470945
0.013565	0.276774	97.919720	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51589	6.871466	116.837451	0.470945
0.013565	0.635849	105.052911	
0.68785	6.871466	116.837451	0.470945
0.013565	0.995029	130.900307	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.000064	-40.856153	-0.527332
-0.015646	-0.482659	.000000	
0.17196	-5.000064	-40.856153	-0.527332
-0.015646	-0.120712	-2.577644	
0.34392	-5.000064	-40.856153	-0.527332
-0.015646	-0.250996	-13.397446	
0.51589	-5.000064	-40.856153	-0.527332
-0.015646	-0.575357	-47.380507	
0.68785	-5.000064	-40.856153	-0.527332
-0.015646	-0.899653	-124.120183	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.809200	131.686152	0.468633
0.014981	0.395146	226.819914	
0.17196	8.809200	131.686152	0.468633
0.014981	0.076199	182.738889	
0.34392	8.809200	131.686152	0.468633
0.014981	0.283578	144.580088	
0.51589	8.809200	131.686152	0.468633
0.014981	0.651861	162.446494	
0.68785	8.809200	131.686152	0.468633
0.014981	1.020252	199.418427	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.319008	-57.081288	-0.540814
-0.016068	-0.495095	.000000	
0.17196	-6.319008	-57.081288	-0.540814
-0.016068	-0.124003	-7.677391	
0.34392	-6.319008	-57.081288	-0.540814
-0.016068	-0.257673	-26.650959	
0.51589	-6.319008	-57.081288	-0.540814
-0.016068	-0.580030	-69.572842	
0.68785	-6.319008	-57.081288	-0.540814
-0.016068	-0.902354	-156.352236	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.630172	25.941093	0.067687
0.002254	0.055364	0.897481	
0.17196	3.630172	25.941093	0.067687
0.002254	0.008720	1.528604	
0.34392	3.630172	25.941093	0.067687
0.002254	0.069435	4.698164	
0.51589	3.630172	25.941093	0.067687
0.002254	0.155185	9.348713	
0.68785	3.630172	25.941093	0.067687
0.002254	0.240902	14.211544	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.372301	-7.100658	-0.124497
-0.000819	-0.102000	-5.680609	
0.17196	-1.372301	-7.100658	-0.124497
-0.000819	-0.016154	-18.367024	
0.34392	-1.372301	-7.100658	-0.124497
-0.000819	-0.037840	-35.800401	
0.51589	-1.372301	-7.100658	-0.124497
-0.000819	-0.084458	-53.532727	
0.68785	-1.372301	-7.100658	-0.124497
-0.000819	-0.131068	-71.374417	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.050740	130.300144	0.153217
0.015234	0.123459	200.173592	

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REL_DIST	P	V2	V3
T	M2	M3	
0.17196	9.050740	130.300144	0.153217
0.015234	0.025613	143.145528	
0.34392	9.050740	130.300144	0.153217
0.015234	0.125979	86.179444	
0.51589	9.050740	130.300144	0.153217
0.015234	0.288096	83.992475	
0.68785	9.050740	130.300144	0.153217
0.015234	0.450328	100.524705	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.893967	-27.309225	-0.241132
-0.013950	-0.238936	.000000	
0.17196	-2.893967	-27.309225	-0.241132
-0.013950	-0.073810	-17.330064	
0.34392	-2.893967	-27.309225	-0.241132
-0.013950	-0.087688	-37.622526	
0.51589	-2.893967	-27.309225	-0.241132
-0.013950	-0.193246	-80.860296	
0.68785	-2.893967	-27.309225	-0.241132
-0.013950	-0.298751	-166.857291	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.286276	148.276040	0.364603
0.015770	0.301949	226.718548	
0.17196	10.286276	148.276040	0.364603
0.015770	0.057990	161.169695	
0.34392	10.286276	148.276040	0.364603
0.015770	0.243894	110.345388	
0.51589	10.286276	148.276040	0.364603
0.015770	0.560111	116.480113	
0.68785	10.286276	148.276040	0.364603
0.015770	0.876442	141.860175	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.835115	-40.467274	-0.465054
-0.015639	-0.430219	.000000	
0.17196	-4.835115	-40.467274	-0.465054
-0.015639	-0.110949	-16.016806	
0.34392	-4.835115	-40.467274	-0.465054
-0.015639	-0.200261	-36.675542	
0.51589	-4.835115	-40.467274	-0.465054
-0.015639	-0.451400	-90.499618	
0.68785	-4.835115	-40.467274	-0.465054
-0.015639	-0.702470	-188.740822	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.315359	7.292469	0.517143
0.000799	0.436298	1.281533	
0.17196	1.315359	7.292469	0.517143
0.000799	0.079024	27.309955	
0.34392	1.315359	7.292469	0.517143
0.000799	0.248585	58.179028	
0.51589	1.315359	7.292469	0.517143
0.000799	0.567015	89.198519	
0.68785	1.315359	7.292469	0.517143
0.000799	0.885422	120.274403	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.303841	-45.197938	-0.462451
-0.002557	-0.388522	-8.450612	
0.17196	-6.303841	-45.197938	-0.462451
-0.002557	-0.070255	-8.974767	
0.34392	-6.303841	-45.197938	-0.462451
-0.002557	-0.275136	-13.732504	
0.51589	-6.303841	-45.197938	-0.462451
-0.002557	-0.631527	-18.627042	
0.68785	-6.303841	-45.197938	-0.462451
-0.002557	-0.987739	-23.587632	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.316687	102.795568	0.780345
0.012480	0.658258	207.983366	
0.17196	6.316687	102.795568	0.780345
0.012480	0.125858	178.833501	
0.34392	6.316687	102.795568	0.780345
0.012480	0.376714	155.619750	
0.51589	6.316687	102.795568	0.780345
0.012480	0.872601	177.128901	
0.68785	6.316687	102.795568	0.780345
0.012480	1.369564	217.508936	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.092502	-62.667863	-0.729953
-0.014764	-0.655980	.000000	
0.17196	-8.092502	-62.667863	-0.729953
-0.014764	-0.153730	-3.268419	
0.34392	-8.092502	-62.667863	-0.729953
-0.014764	-0.417002	-12.906959	

0.51589 -8.092502 -62.667863 -0.729953
-0.014764 -0.953572 -47.250142
0.68785 -8.092502 -62.667863 -0.729953
-0.014764 -1.490753 -115.863405

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.701513 125.180139 0.782041
0.013812 0.654944 242.416555
0.17196 9.701513 125.180139 0.782041
0.013812 0.123662 213.314427
0.34392 9.701513 125.180139 0.782041
0.013812 0.394733 196.190606
0.51589 9.701513 125.180139 0.782041
0.013812 0.912641 225.127101
0.68785 9.701513 125.180139 0.782041
0.013812 1.431800 273.302614

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.797455 -74.549283 -0.762304
-0.014864 -0.682955 .000000
0.17196 -8.797455 -74.549283 -0.762304
-0.014864 -0.160252 -8.704463
0.34392 -8.797455 -74.549283 -0.762304
-0.014864 -0.424917 -31.407420
0.51589 -8.797455 -74.549283 -0.762304
-0.014864 -0.962622 -80.316550
0.68785 -8.797455 -74.549283 -0.762304
-0.014864 -1.500970 -163.907928

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.364695 44.548883 0.112998
0.002642 0.093566 1.254510
0.17196 6.364695 44.548883 0.112998
0.002642 0.015133 2.447509
0.34392 6.364695 44.548883 0.112998
0.002642 0.096205 6.858489
0.51589 6.364695 44.548883 0.112998
0.002642 0.211238 11.719823
0.68785 6.364695 44.548883 0.112998
0.002642 0.326137 16.669795

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.301272 -7.282284 -0.166900
-0.000900 -0.133407 -6.785887
0.17196 -1.301272 -7.282284 -0.166900
-0.000900 -0.019233 -33.556726
0.34392 -1.301272 -7.282284 -0.166900
-0.000900 -0.061571 -63.590728
0.51589 -1.301272 -7.282284 -0.166900
-0.000900 -0.139469 -94.102337
0.68785 -1.301272 -7.282284 -0.166900
-0.000900 -0.217345 -124.714864
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COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.777353 138.377037 0.277753
0.014491 0.229285 209.996510
0.17196 11.777353 138.377037 0.277753
0.014491 0.045456 156.006822
0.34392 11.777353 138.377037 0.277753
0.014491 0.180158 107.888490
0.51589 11.777353 138.377037 0.277753
0.014491 0.414108 104.396778
0.68785 11.777353 138.377037 0.277753
0.014491 0.648978 119.759127

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.697541 -26.318771 -0.349312
-0.012748 -0.327771 .000000
0.17196 -2.697541 -26.318771 -0.349312
-0.012748 -0.087385 -27.288723
0.34392 -2.697541 -26.318771 -0.349312
-0.012748 -0.154045 -61.492393
0.51589 -2.697541 -26.318771 -0.349312
-0.012748 -0.344461 -120.325493
0.68785 -2.697541 -26.318771 -0.349312
-0.012748 -0.535529 -213.441488

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.418580 150.081113 0.617283
0.014754 0.514735 243.092691
0.17196 12.418580 150.081113 0.617283
0.014754 0.095799 193.674462
0.34392 12.418580 150.081113 0.617283
0.014754 0.339460 156.726115
0.51589 12.418580 150.081113 0.617283
0.014754 0.782485 167.635589
0.68785 12.418580 150.081113 0.617283
0.014754 1.226419 198.237869

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.070814 -49.296356 -0.652951
-0.014314 -0.586819 .000000
0.17196 -6.070814 -49.296356 -0.652951
-0.014314 -0.137414 -25.209459
0.34392 -6.070814 -49.296356 -0.652951
-0.014314 -0.335704 -59.309296
0.51589 -6.070814 -49.296356 -0.652951
-0.014314 -0.760084 -124.966859
0.68785 -6.070814 -49.296356 -0.652951
-0.014314 -1.185014 -225.615259

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.286276 148.276040 0.470945
0.015770 0.397567 226.819914
0.17196 10.286276 148.276040 0.470945
0.015770 0.077084 182.738889
0.34392 10.286276 148.276040 0.470945
0.015770 0.283578 144.588088
0.51589 10.286276 148.276040 0.470945
0.015770 0.651861 162.446494
0.68785 10.286276 148.276040 0.470945
0.015770 1.020252 199.418427

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.319008 -57.081288 -0.540814
-0.016068 -0.495095 -5.680609
0.17196 -6.319008 -57.081288 -0.540814
-0.016068 -0.124003 -18.367024
0.34392 -6.319008 -57.081288 -0.540814
-0.016068 -0.257673 -37.622526
0.51589 -6.319008 -57.081288 -0.540814
-0.016068 -0.580030 -90.499618
0.68785 -6.319008 -57.081288 -0.540814
-0.016068 -0.902354 -188.740822
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.418580 150.081113 0.782041
0.014754 0.658258 243.092691
0.17196 12.418580 150.081113 0.782041
0.014754 0.125858 213.314427
0.34392 12.418580 150.081113 0.782041
0.014754 0.394733 196.190606
0.51589 12.418580 150.081113 0.782041
0.014754 0.912641 225.127101
0.68785 12.418580 150.081113 0.782041
0.014754 1.431800 273.302614

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.797455 -74.549283 -0.762304
-0.014864 -0.682955 -8.450612
0.17196 -8.797455 -74.549283 -0.762304
-0.014864 -0.160252 -33.556726
0.34392 -8.797455 -74.549283 -0.762304
-0.014864 -0.424917 -63.590728
0.51589 -8.797455 -74.549283 -0.762304
-0.014864 -0.962622 -124.966859
0.68785 -8.797455 -74.549283 -0.762304
-0.014864 -1.500970 -225.615259

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.418580 150.081113 0.782041
0.015770 0.658258 243.092691
0.17196 12.418580 150.081113 0.782041
0.015770 0.125858 213.314427
0.34392 12.418580 150.081113 0.782041
0.015770 0.394733 196.190606
0.51589 12.418580 150.081113 0.782041
0.015770 0.912641 225.127101
0.68785 12.418580 150.081113 0.782041
0.015770 1.431800 273.302614

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.797455 -74.549283 -0.762304
-0.016068 -0.682955 -8.450612
0.17196 -8.797455 -74.549283 -0.762304
-0.016068 -0.160252 -33.556726
0.34392 -8.797455 -74.549283 -0.762304
-0.016068 -0.424917 -63.590728
0.51589 -8.797455 -74.549283 -0.762304
-0.016068 -0.962622 -124.966859
0.68785 -8.797455 -74.549283 -0.762304
-0.016068 -1.500970 -225.615259

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.418580 150.081113 0.782041
0.015770 0.658258 243.092691
0.17196 12.418580 150.081113 0.782041
0.015770 0.125858 213.314427
0.34392 12.418580 150.081113 0.782041
0.015770 0.394733 196.190606
0.51589 12.418580 150.081113 0.782041
0.015770 0.912641 225.127101
0.68785 12.418580 150.081113 0.782041
0.015770 1.431800 273.302614

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.797455 -74.549283 -0.762304
-0.016068 -0.682955 -8.450612
0.17196 -8.797455 -74.549283 -0.762304
-0.016068 -0.160252 -33.556726
0.34392 -8.797455 -74.549283 -0.762304
-0.016068 -0.424917 -63.590728
0.51589 -8.797455 -74.549283 -0.762304
-0.016068 -0.962622 -124.966859
0.68785 -8.797455 -74.549283 -0.762304
-0.016068 -1.500970 -225.615259
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 111 ========== LENGTH = 4.004664

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 0.453685 4.378001 0.343443
0.001805 0.660835 12.573540
0.48410 0.453685 4.378001 0.343443
0.001805 0.424317 9.592082
0.65607 0.453685 4.378001 0.343443
0.001805 0.187779 6.661659
0.82803 0.453685 4.378001 0.343443
0.001805 0.057138 3.962750
1.00000 0.453685 4.378001 0.343443
0.001805 0.287777 1.683602

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -5.985718 -43.428012 -0.334860
-0.001812 -0.634649 -122.061482
0.48410 -5.985718 -43.428012 -0.334860
-0.001812 -0.404042 -92.411828
0.65607 -5.985718 -43.428012 -0.334860
-0.001812 -0.173435 -63.097147
0.82803 -5.985718 -43.428012 -0.334860
-0.001812 -0.048746 -33.821421
1.00000 -5.985718 -43.428012 -0.334860
-0.001812 -0.285294 -10.390563

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 1.005922 15.446863 0.509981
0.017922 0.978121 110.071445
0.48410 1.005922 15.446863 0.509981
0.017922 0.626959 105.200814
0.65607 1.005922 15.446863 0.509981
0.017922 0.275771 129.231766
0.82803 1.005922 15.446863 0.509981
0.017922 0.090919 195.752120
1.00000 1.005922 15.446863 0.509981
0.017922 0.429554 262.563675

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -12.482818 -151.365365 -0.504763
-0.017960 -0.960951 -181.412291
0.48410 -12.482818 -151.365365 -0.504763
-0.017960 -0.613343 -98.684128
0.65607 -12.482818 -151.365365 -0.504763
-0.017960 -0.265713 -64.559056
0.82803 -12.482818 -151.365365 -0.504763
-0.017960 -0.108403 -30.534088
1.00000 -12.482818 -151.365365 -0.504763
-0.017960 -0.451198 -1.20E-05

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 4.358712 38.940154 0.510079
0.019385 0.973125 186.963305
0.48410 4.358712 38.940154 0.510079
0.019385 0.621886 166.952882
0.65607 4.358712 38.940154 0.510079
0.019385 0.270624 176.955032
0.82803 4.358712 38.940154 0.510079
0.019385 0.090118 232.332353
1.00000 4.358712 38.940154 0.510079
0.019385 0.430016 311.186812

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -12.650730 -167.325767 -0.506751
-0.019491 -0.965902 -178.819780
0.48410 -12.650730 -167.325767 -0.506751
-0.019491 -0.616934 -93.002475
0.65607 -12.650730 -167.325767 -0.506751
-0.019491 -0.268002 -60.844408
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REL DIST P V2 V3
T M2 M3
0.82803 -12.650730 -167.325767 -0.506751
-0.019491 -0.114311 -28.780767
1.00000 -12.650730 -167.325767 -0.506751
-0.019491 -0.457011 -0.010296

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 6.016261 42.146792 0.086737
0.001918 0.162683 116.225990
0.48410 6.016261 42.146792 0.086737
0.001918 0.102951 87.215629
0.65607 6.016261 42.146792 0.086737
0.001918 0.043216 58.242835
0.82803 6.016261 42.146792 0.086737
0.001918 0.017111 29.314317
1.00000 6.016261 42.146792 0.086737
0.001918 0.084898 1.643832

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -0.440455 -4.213786 -0.098885
-0.001927 -0.187646 -11.493991
0.48410 -0.440455 -4.213786 -0.098885
-0.001927 -0.119580 -8.622450
0.65607 -0.440455 -4.213786 -0.098885
-0.001927 -0.051498 -5.798838
0.82803 -0.440455 -4.213786 -0.098885
-0.001927 -0.016515 -4.802935
1.00000 -0.440455 -4.213786 -0.098885
-0.001927 -0.076267 -10.088997

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 7.397379 58.674437 0.185366
0.018240 0.348328 220.550210
0.48410 7.397379 58.674437 0.185366
0.018240 0.220671 186.020428
0.65607 7.397379 58.674437 0.185366
0.018240 0.093014 180.505801
0.82803 7.397379 58.674437 0.185366
0.018240 0.039889 216.728038
1.00000 7.397379 58.674437 0.185366
0.018240 0.169203 262.893150

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -5.890127 -106.933078 -0.201000
-0.018278 -0.384491 -61.246120
0.48410 -5.890127 -106.933078 -0.201000
-0.018278 -0.246112 -9.484573
0.65607 -5.890127 -106.933078 -0.201000
-0.018278 -0.107805 -6.317327
0.82803 -5.890127 -106.933078 -0.201000
-0.018278 -0.067356 -3.155850
1.00000 -5.890127 -106.933078 -0.201000
-0.018278 -0.186764 -0.101113

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 7.155336 72.723160 0.410662
0.019278 0.780454 305.312924
0.48410 7.155336 72.723160 0.410662
0.019278 0.497644 261.170333
0.65607 7.155336 72.723160 0.410662
0.019278 0.214792 246.735711
0.82803 7.155336 72.723160 0.410662
0.019278 0.075359 275.038426
1.00000 7.155336 72.723160 0.410662
0.019278 0.356064 311.403980

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -9.562256 -132.795569 -0.421343
-0.019317 -0.804600 -117.698410
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.48410 -9.562256 -132.795569 -0.421343
-0.019317 -0.514515 -48.431300
0.65607 -9.562256 -132.795569 -0.421343
-0.019317 -0.224439 -29.080280
0.82803 -9.562256 -132.795569 -0.421343
-0.019317 -0.101734 -10.456747
1.00000 -9.562256 -132.795569 -0.421343
-0.019317 -0.375995 -0.099402

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 0.642103 6.020058 0.546806
0.002155 1.049754 17.863490
0.48410 0.642103 6.020058 0.546806
0.002155 0.673077 13.819294
0.65607 0.642103 6.020058 0.546806
0.002155 0.296244 9.880203
0.82803 0.642103 6.020058 0.546806
0.002155 0.077282 6.051372
1.00000 0.642103 6.020058 0.546806
0.002155 0.387794 2.501599

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -11.936322 -98.439222 -0.450777
-0.002136 -0.853963 -283.426615
0.48410 -11.936322 -98.439222 -0.450777
-0.002136 -0.543537 -215.731962
0.65607 -11.936322 -98.439222 -0.450777
-0.002136 -0.233124 -148.332547
0.82803 -11.936322 -98.439222 -0.450777
-0.002136 -0.078679 -81.006138
1.00000 -11.936322 -98.439222 -0.450777
-0.002136 -0.456041 -16.116408

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 1.635486 20.862814 0.835669
0.016935 1.591949 167.045462
0.48410 1.635486 20.862814 0.835669
0.016935 1.016279 161.509311
0.65607 1.635486 20.862814 0.835669
0.016935 0.442678 181.260760
0.82803 1.635486 20.862814 0.835669
0.016935 0.124978 234.621408
1.00000 1.635486 20.862814 0.835669
0.016935 0.593883 298.040657

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -18.521759 -197.985149 -0.695928
-0.016935 -1.323167 -336.498260
0.48410 -18.521759 -197.985149 -0.695928
-0.016935 -0.843920 -210.065391
0.65607 -18.521759 -197.985149 -0.695928
-0.016935 -0.367213 -135.868511
0.82803 -18.521759 -197.985149 -0.695928
-0.016935 -0.159749 -62.248033
1.00000 -18.521759 -197.985149 -0.695928
-0.016935 -0.736143 -7.24E-06

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 8.128180 68.499666 0.844158
0.018227 1.602573 340.008428
0.48410 8.128180 68.499666 0.844158
0.018227 1.020934 303.804096
0.65607 8.128180 68.499666 0.844158
0.018227 0.441519 295.235677
0.82803 8.128180 68.499666 0.844158
0.018227 0.122835 321.189701
1.00000 8.128180 68.499666 0.844158
0.018227 0.595478 366.487204
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COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -17.933668 -205.440110 -0.701411
-0.018348 -1.336650 -324.594230
0.48410 -17.933668 -205.440110 -0.701411
-0.018348 -0.853609 -195.106719
0.65607 -17.933668 -205.440110 -0.701411
-0.018348 -0.373145 -126.232147
0.82803 -17.933668 -205.440110 -0.701411
-0.018348 -0.166468 -58.025085
1.00000 -17.933668 -205.440110 -0.701411
-0.018348 -0.748775 -0.009395

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31214 11.993326 95.988554 0.125227
0.002249 0.235787 258.234655
0.48410 11.993326 95.988554 0.125227
0.002249 0.149480 192.195565
0.65607 11.993326 95.988554 0.125227
0.002249 0.063012 126.487008
0.82803 11.993326 95.988554 0.125227
0.002249 0.018023 61.577741
1.00000 11.993326 95.988554 0.125227
0.002249 0.097817 2.414027

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31214 -0.584912 -5.757424 -0.116158
-0.002317 -0.222130 -15.452271
0.48410 -0.584912 -5.757424 -0.116158
-0.002317 -0.142236 -11.540677
0.65607 -0.584912 -5.757424 -0.116158
-0.002317 -0.062095 -7.958578
0.82803 -0.584912 -5.757424 -0.116158

```
-0.002317   -0.021748   -6.594646
 1.00000    -0.584912   -5.757424    -0.116158
-0.002317   -0.108887   -11.619594

 COMB DL-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214    14.494669   116.194709    0.305926
0.017292    0.570409   439.811989
 0.48410    14.494669   116.194709    0.305926
0.017292    0.359629   368.862478
 0.65607    14.494669   116.194709    0.305926
0.017292    0.151038   323.522800
 0.82803    14.494669   116.194709    0.305926
0.017292    0.049390   311.353368
 1.00000    14.494669   116.194709    0.305926
0.017292    0.222807   303.430052

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214    -5.489409   -99.140592    -0.266350
-0.017421   -0.510786   -69.273961
 0.48410    -5.489409   -99.140592    -0.266350
-0.017421   -0.327406   -12.509030
 0.65607    -5.489409   -99.140592    -0.266350
-0.017421   -0.146137   -8.296480
 0.82803    -5.489409   -99.140592    -0.266350
-0.017421   -0.087436   -4.127743
 1.00000    -5.489409   -99.140592    -0.266350
-0.017421   -0.298500   -0.104881

 COMB DL-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214    13.868460   124.271640    0.667908
0.018081    1.262045   501.117540
 0.48410    13.868460   124.271640    0.667908
0.018081    0.801904   425.464436
 0.65607    13.868460   124.271640    0.667908
0.018081    0.343805   376.161186
 0.82803    13.868460   124.271640    0.667908
0.018081    0.097055   362.453150
 1.00000    13.868460   124.271640    0.667908
0.018081    0.477550   368.464717
 Program    SAP2000    Nonlinear    Version    7.42
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F O R C E S

 COMB DL-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214   -12.062471  -148.775138    -0.567060
-0.018159   -1.084439  -176.185919
 0.48410   -12.062471  -148.775138    -0.567060
-0.018159   -0.694016   -85.915036
 0.65607   -12.062471  -148.775138    -0.567060
-0.018159   -0.305837   -48.998876
 0.82803   -12.062471  -148.775138    -0.567060
-0.018159   -0.142977   -14.875395
 1.00000   -12.062471  -148.775138    -0.567060
-0.018159   -0.603740   -0.103621

 COMB      DB ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214    7.397379    72.723160    0.510079
0.019385    0.978121   305.312924
 0.48410    7.397379    72.723160    0.510079
0.019385    0.626959   261.170333
 0.65607    7.397379    72.723160    0.510079
0.019385    0.275771   246.735711
 0.82803    7.397379    72.723160    0.510079
0.019385    0.090919   275.038426
 1.00000    7.397379    72.723160    0.510079
0.019385    0.430016   311.403980

 COMB      DB ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214   -12.650730  -167.325767    -0.506751
-0.019491   -0.965902  -181.412291
 0.48410   -12.650730  -167.325767    -0.506751
-0.019491   -0.616934   -98.684128
 0.65607   -12.650730  -167.325767    -0.506751
-0.019491   -0.268002   -64.559056
 0.82803   -12.650730  -167.325767    -0.506751
-0.019491   -0.114311   -33.821421
 1.00000   -12.650730  -167.325767    -0.506751
-0.019491   -0.457011   -10.390563

 COMB      DL ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214    14.494669   124.271640    0.844158
0.018227    1.602573   501.117540
 0.48410    14.494669   124.271640    0.844158
0.018227    1.020934   425.464436
 0.65607    14.494669   124.271640    0.844158
0.018227    0.442678   376.161186
 0.82803    14.494669   124.271640    0.844158
0.018227    0.124978   362.453150
 1.00000    14.494669   124.271640    0.844158
0.018227    0.595478   368.464717

 COMB      DL ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214   -18.521759  -205.440110    -0.701411
-0.018348   -1.336650  -336.498260
 0.48410   -18.521759  -205.440110    -0.701411
-0.018348   -0.853609  -215.731962
 0.65607   -18.521759  -205.440110    -0.701411
-0.018348   -0.373145  -148.332547
 0.82803   -18.521759  -205.440110    -0.701411
-0.018348   -0.166468   -81.006138
 1.00000   -18.521759  -205.440110    -0.701411
-0.018348   -0.748775   -16.116408

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214    14.494669   124.271640    0.844158
0.019385    1.602573   501.117540
 0.48410    14.494669   124.271640    0.844158
0.019385    1.020934   425.464436
 0.65607    14.494669   124.271640    0.844158
0.019385    0.442678   376.161186
 0.82803    14.494669   124.271640    0.844158
0.019385    0.124978   362.453150
 1.00000    14.494669   124.271640    0.844158
0.019385    0.595478   368.464717
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 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214   -18.521759  -205.440110    -0.701411
-0.019491   -1.336650  -336.498260
 0.48410   -18.521759  -205.440110    -0.701411
-0.019491   -0.853609  -215.731962
 0.65607   -18.521759  -205.440110    -0.701411
-0.019491   -0.373145  -148.332547
 0.82803   -18.521759  -205.440110    -0.701411
-0.019491   -0.166468   -81.006138
 1.00000   -18.521759  -205.440110    -0.701411
-0.019491   -0.748775   -16.116408

 COMB      DESIGN ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214    14.494669   124.271640    0.844158
0.019385    1.602573   501.117540
 0.48410    14.494669   124.271640    0.844158
0.019385    1.020934   425.464436
 0.65607    14.494669   124.271640    0.844158
0.019385    0.442678   376.161186
 0.82803    14.494669   124.271640    0.844158
0.019385    0.124978   362.453150
 1.00000    14.494669   124.271640    0.844158
0.019385    0.595478   368.464717

 COMB      DESIGN ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.31214   -18.521759  -205.440110    -0.701411
-0.019491   -1.336650  -336.498260
 0.48410   -18.521759  -205.440110    -0.701411
-0.019491   -0.853609  -215.731962
 0.65607   -18.521759  -205.440110    -0.701411
-0.019491   -0.373145  -148.332547
 0.82803   -18.521759  -205.440110    -0.701411
-0.019491   -0.166468   -81.006138
 1.00000   -18.521759  -205.440110    -0.701411
-0.019491   -0.748775   -16.116408

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 4.004664

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    0.452389    4.407402    0.349198
0.001914    0.294398    1.688449
 0.17197    0.452389    4.407402    0.349198
0.001914    0.053802   27.371440
 0.34393    0.452389    4.407402    0.349198
0.001914    0.173303   56.837004
 0.51590    0.452389    4.407402    0.349198
0.001914    0.399642   86.366208
 0.68786    0.452389    4.407402    0.349198
0.001914    0.626033   115.932034

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -5.951253   -42.981950    -0.328739
-0.001897   -0.279547   -10.392021
 0.17197   -5.951253   -42.981950    -0.328739
-0.001897   -0.053158   -5.017117
 0.34393   -5.951253   -42.981950    -0.328739
-0.001897   -0.186574   -5.682323
 0.51590   -5.951253   -42.981950    -0.328739
-0.001897   -0.427068   -8.635847
 0.68786   -5.951253   -42.981950    -0.328739
-0.001897   -0.667550   -11.640054

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.274681   107.131438    0.525025
0.018266    0.441597   262.197800
 0.17197    5.274681   107.131438    0.525025
0.018266    0.089233   213.990356
 0.34393    5.274681   107.131438    0.525025
0.018266    0.257362   178.178759
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 REL DIST          P          V2          V3
    T          M2         M3
 0.51590    5.274681   107.131438    0.525025
0.018266    0.595562   184.609118
 0.68786    5.274681   107.131438    0.525025
0.018266    0.933772   220.274409

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -7.848002   -59.542769    -0.491128
-0.018214   -0.438378   -1.19E-05
 0.17197   -7.848002   -59.542769    -0.491128
-0.018214   -0.112327   -2.915615
 0.34393   -7.848002   -59.542769    -0.491128
-0.018214   -0.281541   -6.277488
 0.51590   -7.848002   -59.542769    -0.491128
-0.018214   -0.643159   -9.647577
 0.68786   -7.848002   -59.542769    -0.491128
-0.018214   -1.004715   -62.191128

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    8.748374   132.736074    0.517038
0.019457    0.432219   310.812463
 0.17197    8.748374   132.736074    0.517038
0.019457    0.087477   272.554743
 0.34393    8.748374   132.736074    0.517038
0.019457    0.253201   244.603179
 0.51590    8.748374   132.736074    0.517038
0.019457    0.584341   259.860638
 0.68786    8.748374   132.736074    0.517038
0.019457    0.916753   305.000129

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -7.919222   -73.425048    -0.482711
-0.019408   -0.432866   -0.010241
 0.17197   -7.919222   -73.425048    -0.482711
-0.019408   -0.113741   -8.704516
 0.34393   -7.919222   -73.425048    -0.482711
-0.019408   -0.280741   -26.938879
 0.51590   -7.919222   -73.425048    -0.482711
-0.019408   -0.636624   -45.922122
 0.68786   -7.919222   -73.425048    -0.482711
-0.019408   -0.992681   -115.509505

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    6.051548    42.593029    0.079390
0.002026    0.070251    1.643539
 0.17197    6.051548    42.593029    0.079390
0.002026    0.015947    3.454621
 0.34393    6.051548    42.593029    0.079390
0.002026    0.050255    6.007362
 0.51590    6.051548    42.593029    0.079390
0.002026    0.110089    8.801781
 0.68786    6.051548    42.593029    0.079390
0.002026    0.169982   11.649592

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -0.441983    -4.182247    -0.086924
-0.002034   -0.069472   -10.089741
 0.17197   -0.441983    -4.182247    -0.086924
-0.002034   -0.009524   -30.820130
 0.34393   -0.441983    -4.182247    -0.086924
-0.002034   -0.039182   -59.407692
 0.51590   -0.441983    -4.182247    -0.086924
-0.002034   -0.093770   -88.106859
 0.68786   -0.441983    -4.182247    -0.086924
-0.002034   -0.148442   -117.225045

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   11.713665   150.682298    0.182817
0.018241    0.155401   262.528908
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 REL DIST          P          V2          V3
    T          M2         M3
 0.17197   11.713665   150.682298    0.182817
0.018241    0.039535   195.702828
 0.34393   11.713665   150.682298    0.182817
0.018241    0.096923   129.000066
 0.51590   11.713665   150.682298    0.182817
0.018241    0.220157   105.162703
 0.68786   11.713665   150.682298    0.182817
0.018241    0.343410   110.617798

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -1.302353   -15.443025    -0.178970
-0.018210   -0.168793   -0.095170
 0.17197   -1.302353   -15.443025    -0.178970
-0.018210   -0.057943   -27.007230
 0.34393   -1.302353   -15.443025    -0.178970
-0.018210   -0.096817   -60.340754
 0.51590   -1.302353   -15.443025    -0.178970
-0.018210   -0.222660   -93.816169
 0.68786   -1.302353   -15.443025    -0.178970
-0.018210   -0.348493   -176.475923

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   11.561259   166.816373    0.414050
0.019731    0.349120   311.030246
 0.17197   11.561259   166.816373    0.414050
0.019731    0.074110   231.556728
 0.34393   11.561259   166.816373    0.414050
0.019731    0.209680   176.016475
 0.51590   11.561259   166.816373    0.414050
0.019731    0.482444   166.702106
 0.68786   11.561259   166.816373    0.414050
0.019731    0.755229   187.764954

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -4.847273   -39.192592    -0.396103
-0.019619   -0.355503   -0.094118
 0.17197   -4.847273   -39.192592    -0.396103
-0.019619   -0.095358   -25.508827
 0.34393   -4.847273   -39.192592    -0.396103
-0.019619   -0.221569   -57.028846
 0.51590   -4.847273   -39.192592    -0.396103
-0.019619   -0.506689   -88.685139
 0.68786   -4.847273   -39.192592    -0.396103
-0.019619   -0.791750   -174.764621

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    0.637483    6.000600    0.549062
0.002288    0.461787    2.507546
 0.17197    0.637483    6.000600    0.549062
0.002288    0.082660   57.008902
 0.34393    0.637483    6.000600    0.549062
0.002288    0.232410   122.892529
 0.51590    0.637483    6.000600    0.549062
0.002288    0.535028   189.658090
 0.68786    0.637483    6.000600    0.549062
0.002288    0.837737   256.753686

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -11.865624   -97.531935    -0.439519
-0.002217   -0.373056   -16.133953
 0.17197   -11.865624   -97.531935    -0.439519
-0.002217   -0.070380   -6.446265
 0.34393   -11.865624   -97.531935    -0.439519
-0.002217   -0.293601   -7.811294
 0.51590   -11.865624   -97.531935    -0.439519
-0.002217   -0.671951   -11.550921
 0.68786   -11.865624   -97.531935    -0.439519
-0.002217   -1.050208   -15.624300
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 COMB DL-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000    5.294259    99.063312    0.847129
0.017319    0.712843   297.958086
 0.17197    5.294259    99.063312    0.847129
0.017319    0.137684   306.272980
 0.34393    5.294259    99.063312    0.847129
0.017319    0.350317   320.272184
 0.51590    5.294259    99.063312    0.847129
0.017319    0.812932   367.656281
 0.68786    5.294259    99.063312    0.847129
0.017319    1.278455   440.785684

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -14.490367  -118.417881    -0.675907
-0.017168   -0.607313   -7.20E-06
 0.17197   -14.490367  -118.417881    -0.675907
-0.017168   -0.144666   -3.831322
 0.34393   -14.490367  -118.417881    -0.675907
-0.017168   -0.455124   -8.245531
 0.51590   -14.490367  -118.417881    -0.675907
-0.017168   -1.036383   -12.708718
 0.68786   -14.490367  -118.417881    -0.675907
-0.017168   -1.619907   -70.544674

 COMB DL-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   11.849133   147.388310    0.851393
0.018267    0.714963   366.394572
 0.17197   11.849133   147.388310    0.851393
0.018267    0.137718   358.932956
 0.34393   11.849133   147.388310    0.851393
0.018267    0.347826   373.581014
 0.51590   11.849133   147.388310    0.851393
0.018267    0.806794   424.453061
 0.68786   11.849133   147.388310    0.851393
0.018267    1.268677   501.886113

 COMB DL-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -13.926476  -126.062677    -0.670700
-0.018272   -0.602758   -0.009345
 0.17197   -13.926476  -126.062677    -0.670700
-0.018272   -0.144412   -11.612430
 0.34393   -13.926476  -126.062677    -0.670700
-0.018272   -0.458886   -44.430045
 0.51590   -13.926476  -126.062677    -0.670700
-0.018272   -1.043016   -80.513683
 0.68786   -13.926476  -126.062677    -0.670700
-0.018272   -1.629532   -170.876099

 COMB DL-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   12.064902    96.896821    0.119164
0.002438    0.104250    2.413827
 0.17197   12.064902    96.896821    0.119164
0.002438    0.023023    5.370280
 0.34393   12.064902    96.896821    0.119164
0.002438    0.061500    9.027893
 0.51590   12.064902    96.896821    0.119164
0.002438    0.130346   12.794882
 0.68786   12.064902    96.896821    0.119164
0.002438    0.199164   16.672615

 COMB DL-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -0.590148    -5.774533    -0.099882
-0.002437   -0.076221   -11.634916
 0.17197   -0.590148    -5.774533    -0.099882
-0.002437   -0.008979   -74.275006
 0.34393   -0.590148    -5.774533    -0.099882
-0.002437   -0.059663   -140.534191
 0.51590   -0.590148    -5.774533    -0.099882
-0.002437   -0.141755   -206.871226
 0.68786   -0.590148    -5.774533    -0.099882
-0.002437   -0.223832   -273.502247
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 COMB DL-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   18.255334   195.680687    0.306412
0.017224    0.262629   303.339694
 0.17197   18.255334   195.680687    0.306412
0.017224    0.061566   234.783118
 0.34393   18.255334   195.680687    0.306412
0.017224    0.128719   181.537605
 0.51590   18.255334   195.680687    0.306412
0.017224    0.290078   162.228025
 0.68786   18.255334   195.680687    0.306412
0.017224    0.454495   168.368841

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -1.561855   -20.834561    -0.239163
-0.017278   -0.228632   -0.097390
 0.17197   -1.561855   -20.834561    -0.239163
-0.017278   -0.067894   -54.559890
 0.34393   -1.561855   -20.834561    -0.239163
-0.017278   -0.162638   -126.649423
 0.51590   -1.561855   -20.834561    -0.239163
-0.017278   -0.370731   -199.474237
 0.68786   -1.561855   -20.834561    -0.239163
-0.017278   -0.581493   -325.381160

 COMB DL-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   17.604614   203.561551    0.671269
0.018575    0.567002   368.367160
 0.17197   17.604614   203.561551    0.671269
0.018575    0.113932   318.707232
 0.34393   17.604614   203.561551    0.671269
0.018575    0.281645   293.689536
 0.51590   17.604614   203.561551    0.671269
0.018575    0.645938   303.648584
 0.68786   17.604614   203.561551    0.671269
0.018575    1.013224   341.422111

 COMB DL-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2         M3
 0.00000   -8.071711   -69.779394    -0.533792
-0.018473   -0.481502   -0.096478
 0.17197   -8.071711   -69.779394    -0.533792
-0.018473   -0.117897   -50.986355
 0.34393   -8.071711   -69.779394    -0.533792
-0.018473   -0.360021   -117.954337
 0.51590   -8.071711   -69.779394    -0.533792
-0.018473   -0.819820   -185.770758
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 0.68786    -8.071711   -69.779394    -0.533792
-0.018473   -1.281894  -315.219252

 COMB       DB ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000   11.713665   166.816373     0.525025
0.019731    0.441597   311.030246
 0.17197   11.713665   166.816373     0.525025
0.019731    0.089233   272.554743
 0.34393   11.713665   166.816373     0.525025
0.019731    0.257362   244.603179
 0.51590   11.713665   166.816373     0.525025
0.019731    0.595562   259.860638
 0.68786   11.713665   166.816373     0.525025
0.019731    0.933772   305.000129

 COMB       DB ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000   -7.919222   -73.425048    -0.491128
-0.019619  -0.438378   -10.392021
 0.17197   -7.919222   -73.425048    -0.491128
-0.019619  -0.113741   -30.820130
 0.34393   -7.919222   -73.425048    -0.491128
-0.019619  -0.281541   -60.340754
 0.51590   -7.919222   -73.425048    -0.491128
-0.019619  -0.643159   -93.816169
 0.68786   -7.919222   -73.425048    -0.491128
-0.019619  -1.004715  -176.475923
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 COMB       DL ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000   18.255334   203.561551     0.851393
0.018575    0.714963   368.367160
 0.17197   18.255334   203.561551     0.851393
0.018575    0.137718   358.932956
 0.34393   18.255334   203.561551     0.851393
0.018575    0.350317   373.581014
 0.51590   18.255334   203.561551     0.851393
0.018575    0.812932   424.453061
 0.68786   18.255334   203.561551     0.851393
0.018575    1.278455   501.886113

 COMB       DL ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000  -14.490367  -126.062677    -0.675907
-0.018473  -0.607313   -16.133953
 0.17197  -14.490367  -126.062677    -0.675907
-0.018473  -0.144666   -74.275006
 0.34393  -14.490367  -126.062677    -0.675907
-0.018473  -0.458886  -140.534191
 0.51590  -14.490367  -126.062677    -0.675907
-0.018473  -1.043016  -206.871226
 0.68786  -14.490367  -126.062677    -0.675907
-0.018473  -1.629532  -325.381160

 COMB       CAR ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000   18.255334   203.561551     0.851393
0.019731    0.714963   368.367160
 0.17197   18.255334   203.561551     0.851393
0.019731    0.137718   358.932956
 0.34393   18.255334   203.561551     0.851393
0.019731    0.350317   373.581014
 0.51590   18.255334   203.561551     0.851393
0.019731    0.812932   424.453061
 0.68786   18.255334   203.561551     0.851393
0.019731    1.278455   501.886113

 COMB       CAR ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000  -14.490367  -126.062677    -0.675907
-0.019619  -0.607313   -16.133953
 0.17197  -14.490367  -126.062677    -0.675907
-0.019619  -0.144666   -74.275006
 0.34393  -14.490367  -126.062677    -0.675907
-0.019619  -0.458886  -140.534191
 0.51590  -14.490367  -126.062677    -0.675907
-0.019619  -1.043016  -206.871226
 0.68786  -14.490367  -126.062677    -0.675907
-0.019619  -1.629532  -325.381160

 COMB   DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000   18.255334   203.561551     0.851393
0.019731    0.714963   368.367160
 0.17197   18.255334   203.561551     0.851393
0.019731    0.137718   358.932956
 0.34393   18.255334   203.561551     0.851393
0.019731    0.350317   373.581014
 0.51590   18.255334   203.561551     0.851393
0.019731    0.812932   424.453061
 0.68786   18.255334   203.561551     0.851393
0.019731    1.278455   501.886113

 COMB   DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.00000  -14.490367  -126.062677    -0.675907
-0.019619  -0.607313   -16.133953
 0.17197  -14.490367  -126.062677    -0.675907
-0.019619  -0.144666   -74.275006
 0.34393  -14.490367  -126.062677    -0.675907
-0.019619  -0.458886  -140.534191
 0.51590  -14.490367  -126.062677    -0.675907
-0.019619  -1.043016  -206.871226
 0.68786  -14.490367  -126.062677    -0.675907
-0.019619  -1.629532  -325.381160
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 ELEM       113 ================== LENGTH =
4.005920

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    1.482116     7.835113     0.372931
0.002198    0.712789    16.372806
 0.48403    1.482116     7.835113     0.372931
0.002198    0.455915    11.024768
 0.65602    1.482116     7.835113     0.372931
0.002198    0.199135     5.864128
 0.82801    1.482116     7.835113     0.372931
0.002198    0.050691     2.030417
 1.00000    1.482116     7.835113     0.372931
0.002198    0.254774     0.942085

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -3.801678   -26.839189    -0.296127
-0.000672  -0.561327   -75.251842
 0.48403   -3.801678   -26.839189    -0.296127
-0.000672  -0.357301   -56.772890
 0.65602   -3.801678   -26.839189    -0.296127
-0.000672  -0.153268   -38.415900
 0.82801   -3.801678   -26.839189    -0.296127
-0.000672  -0.058316   -20.337737
 1.00000   -3.801678   -26.839189    -0.296127
-0.000672  -0.314995    -5.521714

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    2.576769    28.425143     0.570246
0.015104    1.072974   102.709692
 0.48403    2.576769    28.425143     0.570246
0.015104    0.685279    85.139619
 0.65602    2.576769    28.425143     0.570246
0.015104    0.297795    88.751246
 0.82801    2.576769    28.425143     0.570246
0.015104    0.075052   144.918328
 1.00000    2.576769    28.425143     0.570246
0.015104    0.373355   201.149823

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -9.723721  -131.324903    -0.437652
-0.013777  -0.832778  -170.283709
 0.48403   -9.723721  -131.324903    -0.437652
-0.013777  -0.531244   -83.823713
 0.65602   -9.723721  -131.324903    -0.437652
-0.013777  -0.229694   -40.394284
 0.82801   -9.723721  -131.324903    -0.437652
-0.013777  -0.129473   -19.367316
 1.00000   -9.723721  -131.324903    -0.437652
-0.013777  -0.520869    -4.61E-06

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    4.550581    41.623714     0.571063
0.015678    1.071131   145.379130
 0.48403    4.550581    41.623714     0.571063
0.015678    0.682967   118.902356
 0.65602    4.550581    41.623714     0.571063
0.015678    0.295010   114.184863
 0.82801    4.550581    41.623714     0.571063
0.015678    0.077153   163.876963
 1.00000    4.550581    41.623714     0.571063
0.015678    0.376159   227.707454

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204  -11.236294  -150.058854    -0.439491
-0.015632  -0.835130   -194.120969
 0.48403  -11.236294  -150.058854    -0.439491
-0.015632  -0.532440    -94.860661
 0.65602  -11.236294  -150.058854    -0.439491
-0.015632  -0.229717   -40.321079
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 REL_DIST            P            V2            V3
    T          M2           M3
 0.82801  -11.236294  -150.058854    -0.439491
-0.015632  -0.133338   -18.187913
 1.00000  -11.236294  -150.058854    -0.439491
-0.015632  -0.525419    -0.003954

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    3.878664    26.580749     0.098385
0.000755    0.186248    73.159287
 0.48403    3.878664    26.580749     0.098385
0.000755    0.118448    54.849927
 0.65602    3.878664    26.580749     0.098385
0.000755    0.050677    36.556444
 0.82801    3.878664    26.580749     0.098385
0.000755    0.021671    18.325692
 1.00000    3.878664    26.580749     0.098385
0.000755    0.083176    0.901295

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -1.468668    -7.982218    -0.089232
-0.002329  -0.162734   -27.091744
 0.48403   -1.468668    -7.982218    -0.089232
-0.002329  -0.101255   -21.603303
 0.65602   -1.468668    -7.982218    -0.089232
-0.002329  -0.039808   -16.164585
 0.82801   -1.468668    -7.982218    -0.089232
-0.002329  -0.017100   -10.764050
 1.00000   -1.468668    -7.982218    -0.089232
-0.002329  -0.084937    -5.566506

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    4.921520    41.283262     0.221922
0.013557    0.405397   132.673174
 0.48403    4.921520    41.283262     0.221922
0.013557    0.257522   106.245219
 0.65602    4.921520    41.283262     0.221922
0.013557    0.109757   101.038226
 0.82801    4.921520    41.283262     0.221922
0.013557    0.036806   148.399115
 1.00000    4.921520    41.283262     0.221922
0.013557    0.151180   201.085545

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -7.518070  -118.139759    -0.170753
-0.015891  -0.319580   -127.046836
 0.48403   -7.518070  -118.139759    -0.170753
-0.015891  -0.201939    -49.674010
 0.65602   -7.518070  -118.139759    -0.170753
-0.015891  -0.084497    -15.318655
 0.82801   -7.518070  -118.139759    -0.170753
-0.015891  -0.076094    -3.560033
 1.00000   -7.518070  -118.139759    -0.170753
-0.015891  -0.228329    -0.034977

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    6.068914    58.305375     0.467390
0.014913    0.872209   203.390757
 0.48403    6.068914    58.305375     0.467390
0.014913    0.555456   165.273951
 0.65602    6.068914    58.305375     0.467390
0.014913    0.238818   148.837331
 0.82801    6.068914    58.305375     0.467390
0.014913    0.067422   186.123863
 1.00000    6.068914    58.305375     0.467390
0.014913    0.314926   227.678630

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -9.668904  -133.488039    -0.364065
-0.016175  -0.688579   -160.818411
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 REL_DIST            P            V2            V3
    T          M2           M3
 0.48403   -9.668904  -133.488039    -0.364065
-0.016175  -0.437749   -73.081958
 0.65602   -9.668904  -133.488039    -0.364065
-0.016175  -0.187070   -29.395392
 0.82801   -9.668904  -133.488039    -0.364065
-0.016175  -0.118619    -9.101304
 1.00000   -9.668904  -133.488039    -0.364065
-0.016175  -0.439056    -0.035322

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    1.464010     8.317512     0.577239
0.002631    1.102845    19.706930
 0.48403    1.464010     8.317512     0.577239
0.002631    0.705059    14.070104
 0.65602    1.464010     8.317512     0.577239
0.002631    0.307070     8.513233
 0.82801    1.464010     8.317512     0.577239
0.002631    0.068177     3.232217
 1.00000    1.464010     8.317512     0.577239
0.002631    0.341491     1.326780

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -7.023365   -45.974781    -0.396554
-0.000679  -0.751487  -130.933323
 0.48403   -7.023365   -45.974781    -0.396554
-0.000679  -0.478240   -99.319138
 0.65602   -7.023365   -45.974781    -0.396554
-0.000679  -0.205080   -67.788163
 0.82801   -7.023365   -45.974781    -0.396554
-0.000679  -0.088967   -36.663884
 1.00000   -7.023365   -45.974781    -0.396554
-0.000679  -0.487459    -8.243090

 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    2.692565    27.479467     0.898880
0.014470    1.688698   121.846418
 0.48403    2.692565    27.479467     0.898880
0.014470    1.075715   105.853358
 0.65602    2.692565    27.479467     0.898880
0.014470    0.462793   109.680808
 0.82801    2.692565    27.479467     0.898880
0.014470    0.106087   157.049178
 1.00000    2.692565    27.479467     0.898880
0.014470    0.511706   208.600298

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204  -12.815374  -140.254694    -0.599282
-0.012521  -1.140904  -219.973291
 0.48403  -12.815374  -140.254694    -0.599282
-0.012521  -0.728282  -125.703531
 0.65602  -12.815374  -140.254694    -0.599282
-0.012521  -0.316013   -66.249360
 0.82801  -12.815374  -140.254694    -0.599282
-0.012521  -0.180972   -30.732787
 1.00000  -12.815374  -140.254694    -0.599282
-0.012521  -0.801065    -2.78E-06

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    6.461971    50.208396     0.917461
0.014796    1.720654   201.753658
 0.48403    6.461971    50.208396     0.917461
0.014796    1.094827   170.641016
 0.65602    6.461971    50.208396     0.917461
0.014796    0.469006   160.100611
 0.82801    6.461971    50.208396     0.917461
0.014796    0.105193   196.190811
 1.00000    6.461971    50.208396     0.917461
0.014796    0.505483   243.193603
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204  -13.531400  -152.609796    -0.591595
-0.014397  -1.125858  -233.971184
 0.48403  -13.531400  -152.609796    -0.591595
-0.014397  -0.718559  -131.692089
 0.65602  -13.531400  -152.609796    -0.591595
-0.014397  -0.311598   -64.866818
 0.82801  -13.531400  -152.609796    -0.591595
-0.014397  -0.187037   -28.771347
 1.00000  -13.531400  -152.609796    -0.591595
-0.014397  -0.820095    -0.003608

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    7.123492    45.293391     0.136169
0.000800    0.257602   123.167941
 0.48403    7.123492    45.293391     0.136169
0.000800    0.163614    92.001632
 0.65602    7.123492    45.293391     0.136169
0.000800    0.069591    60.881079
 0.82801    7.123492    45.293391     0.136169
0.000800    0.019605    29.896319
 1.00000    7.123492    45.293391     0.136169
0.000800    0.075447    1.271836

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -1.430145    -8.417802    -0.081287
-0.002847  -0.148481   -26.791811
 0.48403   -1.430145    -8.417802    -0.081287
-0.002847  -0.092482   -21.058340
 0.65602   -1.430145    -8.417802    -0.081287
-0.002847  -0.036432   -15.380445
 0.82801   -1.430145    -8.417802    -0.081287
-0.002847  -0.022889    -9.836430
 1.00000   -1.430145    -8.417802    -0.081287
-0.002847  -0.117215    -6.581801

 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    8.845203    62.474933     0.351205
0.012578    0.641145   219.099102
 0.48403    8.845203    62.474933     0.351205
0.012578    0.405629   179.012798
 0.65602    8.845203    62.474933     0.351205
0.012578    0.170064   158.760785
 0.82801    8.845203    62.474933     0.351205
0.012578    0.043220   182.160291
 1.00000    8.845203    62.474933     0.351205
0.012578    0.173879   210.606501

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204   -6.720225  -104.292726    -0.199664
-0.015222  -0.377238   -119.224662
 0.48403   -6.720225  -104.292726    -0.199664
-0.015222  -0.239920    -49.742276
 0.65602   -6.720225  -104.292726    -0.199664
-0.015222  -0.102872    -15.089296
 0.82801   -6.720225  -104.292726    -0.199664
-0.015222  -0.096615     -4.453887
 1.00000   -6.720225  -104.292726    -0.199664
-0.015222  -0.339354    -0.035897

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    9.474841    75.274564     0.732882
0.013913    1.365616   276.582617
 0.48403    9.474841    75.274564     0.732882
0.013913    0.867083   228.021529
 0.65602    9.474841    75.274564     0.732882
0.013913    0.368511   199.610424
 0.82801    9.474841    75.274564     0.732882
0.013913    0.085541   215.971576
 1.00000    9.474841    75.274564     0.732882
0.013913    0.398143   243.874914
 Program    SAP2000    Nonlinear    Version    7.42
   File:2교대구방향S5-S703.OUT

                         Page
<              MOVING              LOAD            >
                         705

 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204  -10.536256  -127.602100    -0.464300
-0.015131  -0.882381   -170.283159
 0.48403  -10.536256  -127.602100    -0.464300
-0.015131  -0.562714    -85.133885
 0.65602  -10.536256  -127.602100    -0.464300
-0.015131  -0.243489    -35.191609
 0.82801  -10.536256  -127.602100    -0.464300
-0.015131  -0.160784    -10.501605
 1.00000  -10.536256  -127.602100    -0.464300
-0.015131  -0.666365    -0.035786

 COMB       DB ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    6.068914    58.305375     0.571063
0.015678    1.072974   203.390757
 0.48403    6.068914    58.305375     0.571063
0.015678    0.685279   165.273951
 0.65602    6.068914    58.305375     0.571063
0.015678    0.297795   148.837331
 0.82801    6.068914    58.305375     0.571063
0.015678    0.077153   186.123863
 1.00000    6.068914    58.305375     0.571063
0.015678    0.376159   227.707454

 COMB       DB ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204  -11.236294  -150.058854    -0.439491
-0.016175  -0.835130   -194.120969
 0.48403  -11.236294  -150.058854    -0.439491
-0.016175  -0.532440    -94.860661
 0.65602  -11.236294  -150.058854    -0.439491
-0.016175  -0.229717    -40.394284
 0.82801  -11.236294  -150.058854    -0.439491
-0.016175  -0.133338    -20.337737
 1.00000  -11.236294  -150.058854    -0.439491
-0.016175  -0.525419     -5.566506

 COMB       DL ------------------- MAX

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204    9.474841    75.274564     0.917461
0.014796    1.720654   276.582617
 0.48403    9.474841    75.274564     0.917461
0.014796    1.094827   228.021529
 0.65602    9.474841    75.274564     0.917461
0.014796    0.469006   199.610424
 0.82801    9.474841    75.274564     0.917461
0.014796    0.106087   215.971576
 1.00000    9.474841    75.274564     0.917461
0.014796    0.511706   243.874914

 COMB       DL ------------------- MIN

 REL_DIST            P            V2            V3
    T          M2           M3
 0.31204  -13.531400  -152.609796    -0.599282
-0.015222  -1.140904  -233.971184
 0.48403  -13.531400  -152.609796    -0.599282
-0.015222  -0.728282  -131.692089
 0.65602  -13.531400  -152.609796    -0.599282
-0.015222  -0.316013   -67.788163
 0.82801  -13.531400  -152.609796    -0.599282
-0.015222  -0.187037   -36.663884
 1.00000  -13.531400  -152.609796    -0.599282
```

-0.015222 -0.820095 -8.243090

COMB CAR ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.31204 9.474841 75.274564 0.917461
0.015678 1.720654 276.582617
0.48403 9.474841 75.274564 0.917461
0.015678 1.094827 228.021529
0.65602 9.474841 75.274564 0.917461
0.015678 0.469006 199.610424
0.82801 9.474841 75.274564 0.917461
0.015678 0.106087 215.971576
1.00000 9.474841 75.274564 0.917461
0.015678 0.511706 243.874914

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.31204 -13.531400 -152.609796 -0.599282
-0.016175 -1.140904 -233.971184
0.48403 -13.531400 -152.609796 -0.599282
-0.016175 -0.728282 -131.692089
0.65602 -13.531400 -152.609796 -0.599282
-0.016175 -0.316013 -67.788163
0.82801 -13.531400 -152.609796 -0.599282
-0.016175 -0.187037 -36.663884
1.00000 -13.531400 -152.609796 -0.599282
-0.016175 -0.820095 -8.243090

COMB DESIGN ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.31204 9.474841 75.274564 0.917461
0.015678 1.720654 276.582617
0.48403 9.474841 75.274564 0.917461
0.015678 1.094827 228.021529
0.65602 9.474841 75.274564 0.917461
0.015678 0.469006 199.610424
0.82801 9.474841 75.274564 0.917461
0.015678 0.106087 215.971576
1.00000 9.474841 75.274564 0.917461
0.015678 0.511706 243.874914

COMB DESIGN ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.31204 -13.531400 -152.609796 -0.599282
-0.016175 -1.140904 -233.971184
0.48403 -13.531400 -152.609796 -0.599282
-0.016175 -0.728282 -131.692089
0.65602 -13.531400 -152.609796 -0.599282
-0.016175 -0.316013 -67.788163
0.82801 -13.531400 -152.609796 -0.599282
-0.016175 -0.187037 -36.663884
1.00000 -13.531400 -152.609796 -0.599282
-0.016175 -0.820095 -8.243090

ELEM 114 ================== LENGTH = 4.004943

COMB DB-G1-1 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 1.473440 7.799114 0.360139
0.002295 0.302032 0.947304
0.17197 1.473440 7.799114 0.360139
0.002295 0.053854 17.165141
0.34394 1.473440 7.799114 0.360139
0.002295 0.156013 35.564910
0.51591 1.473440 7.799114 0.360139
0.002295 0.364595 54.013501
0.68789 1.473440 7.799114 0.360139
0.002295 0.573178 72.477293

COMB DB-G1-1 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -3.790520 -26.817127 -0.302848
-0.000742 -0.261219 -5.510801
0.17197 -3.790520 -26.817127 -0.302848
-0.000742 -0.052726 -10.644104
0.34394 -3.790520 -26.817127 -0.302848
-0.000742 -0.194031 -15.912233
0.51591 -3.790520 -26.817127 -0.302848
-0.000742 -0.442090 -21.224382
0.68789 -3.790520 -26.817127 -0.302848
-0.000742 -0.690130 -26.574904

COMB DB-G1-2 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.884021 117.972254 0.554683
0.015840 0.462996 200.799412
0.17197 6.884021 117.972254 0.554683
0.015840 0.089352 146.757899
0.34394 6.884021 117.972254 0.554683
0.015840 0.226726 99.627883

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST P V2 V3
T M2 M3
0.51591 6.884021 117.972254 0.554683
0.015840 0.530507 105.611729
0.68789 6.884021 117.972254 0.554683
0.015840 0.834265 131.888200

COMB DB-G1-2 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -5.173850 -41.531246 -0.441037
-0.013567 -0.398388 -4.55E-06
0.17197 -5.173850 -41.531246 -0.441037
-0.013567 -0.111728 -3.419116
0.34394 -5.173850 -41.531246 -0.441037
-0.013567 -0.301396 -15.080558
0.51591 -5.173850 -41.531246 -0.441037
-0.013567 -0.683253 -49.410353
0.68789 -5.173850 -41.531246 -0.441037
-0.013567 -1.065238 -126.808884

COMB DB-G1-3 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 8.960909 133.108180 0.562299
0.016252 0.471065 227.349150
0.17197 8.960909 133.108180 0.562299
0.016252 0.092621 184.617545
0.34394 8.960909 133.108180 0.562299
0.016252 0.215390 147.571188
0.51591 8.960909 133.108180 0.562299
0.016252 0.511261 164.801669
0.68789 8.960909 133.108180 0.562299
0.016252 0.807858 202.769053

COMB DB-G1-3 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -6.608484 -58.569124 -0.430629
-0.015078 -0.396564 -0.003908
0.17197 -6.608484 -58.569124 -0.430629
-0.015078 -0.117439 -8.039231
0.34394 -6.608484 -58.569124 -0.430629
-0.015078 -0.304153 -28.040149
0.51591 -6.608484 -58.569124 -0.430629
-0.015078 -0.691075 -71.547750
0.68789 -6.608484 -58.569124 -0.430629
-0.015078 -1.078305 -159.173526

COMB DB-G2-1 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.890088 26.602980 0.109847
0.000833 0.099537 0.901204
0.17197 3.890088 26.602980 0.109847
0.000833 0.023906 1.835802
0.34394 3.890088 26.602980 0.109847
0.000833 0.035292 6.055857
0.51591 3.890088 26.602980 0.109847
0.000833 0.079766 11.363264
0.68789 3.890088 26.602980 0.109847
0.000833 0.124230 16.850707

COMB DB-G2-1 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -1.476252 -8.008931 -0.064564
-0.002416 -0.053626 -5.567501
0.17197 -1.476252 -8.008931 -0.064564
-0.002416 -0.009223 -18.919115
0.34394 -1.476252 -8.008931 -0.064564
-0.002416 -0.051832 -36.819022
0.51591 -1.476252 -8.008931 -0.064564
-0.002416 -0.127429 -55.000836
0.68789 -1.476252 -8.008931 -0.064564
-0.002416 -0.203085 -73.302332

COMB DB-G2-2 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 9.261993 131.006606 0.233407
0.013955 0.201723 200.719240

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST P V2 V3
T M2 M3
0.17197 9.261993 131.006606 0.233407
0.013955 0.049594 144.596935
0.34394 9.261993 131.006606 0.233407
0.013955 0.069518 88.552959
0.51591 9.261993 131.006606 0.233407
0.013955 0.165359 85.600890
0.68789 9.261993 131.006606 0.233407
0.013955 0.261169 102.906860

COMB DB-G2-2 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -3.000454 -28.542142 -0.139110
-0.015408 -0.139685 -0.028590
0.17197 -3.000454 -28.542142 -0.139110
-0.015408 -0.061105 -17.608835
0.34394 -3.000454 -28.542142 -0.139110
-0.015408 -0.120417 -38.446012
0.51591 -3.000454 -28.542142 -0.139110
-0.015408 -0.280907 -81.779706
0.68789 -3.000454 -28.542142 -0.139110
-0.015408 -0.441523 -168.184489

COMB DB-G2-3 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 10.481777 149.723042 0.470791
0.015754 0.398416 227.314928
0.17197 10.481777 149.723042 0.470791
0.015754 0.082893 163.056087
0.34394 10.481777 149.723042 0.470791
0.015754 0.171813 113.499404
0.51591 10.481777 149.723042 0.470791
0.015754 0.405172 119.011432
0.68789 10.481777 149.723042 0.470791
0.015754 0.638535 145.386049

COMB DB-G2-3 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -5.043646 -41.939051 -0.338828
-0.015933 -0.312919 -0.029858
0.17197 -5.043646 -41.939051 -0.338828
-0.015933 -0.097177 -16.546545
0.34394 -5.043646 -41.939051 -0.338828
-0.015933 -0.250730 -38.494783
0.51591 -5.043646 -41.939051 -0.338828
-0.015933 -0.574708 -92.912063
0.68789 -5.043646 -41.939051 -0.338828
-0.015933 -0.898816 -192.086751

COMB DL-G1-1 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 1.453047 8.282298 0.557801
0.002795 0.467478 1.333692
0.17197 1.453047 8.282298 0.557801
0.002795 0.082313 27.939925
0.34394 1.453047 8.282298 0.557801
0.002795 0.208388 59.258153
0.51591 1.453047 8.282298 0.557801
0.002795 0.486186 90.725733
0.68789 1.453047 8.282298 0.557801
0.002795 0.764036 122.245109

COMB DL-G1-1 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -6.993467 -45.827388 -0.403457
-0.000772 -0.347564 -8.249841
0.17197 -6.993467 -45.827388 -0.403457
-0.000772 -0.069773 -9.601002
0.34394 -6.993467 -45.827388 -0.403457
-0.000772 -0.299956 -15.041081
0.51591 -6.993467 -45.827388 -0.403457
-0.000772 -0.684440 -20.629732
0.68789 -6.993467 -45.827388 -0.403457
-0.000772 -1.068721 -26.280510

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 6.389133 104.015319 0.869517
0.015110 0.726958 208.545853
0.17197 6.389133 104.015319 0.869517
0.015110 0.135163 180.095788
0.34394 6.389133 104.015319 0.869517
0.015110 0.307114 157.476360
0.51591 6.389133 104.015319 0.869517
0.015110 0.718813 178.685884
0.68789 6.389133 104.015319 0.869517
0.015110 1.133625 219.556082

COMB DL-G1-2 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -8.944407 -63.389265 -0.603331
-0.012512 -0.556161 -2.75E-06
0.17197 -8.944407 -63.389265 -0.603331
-0.012512 -0.143359 -4.207917
0.34394 -8.944407 -63.389265 -0.603331
-0.012512 -0.474323 -14.788592
0.51591 -8.944407 -63.389265 -0.603331
-0.012512 -1.069881 -49.519127
0.68789 -8.944407 -63.389265 -0.603331
-0.012512 -1.668137 -118.981567

COMB DL-G1-3 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 10.183164 126.829256 0.901365
0.015192 0.755511 243.134573
0.17197 10.183164 126.829256 0.901365
0.015192 0.142197 214.596564
0.34394 10.183164 126.829256 0.901365
0.015192 0.292133 198.775165
0.51591 10.183164 126.829256 0.901365
0.015192 0.689449 228.023516
0.68789 10.183164 126.829256 0.901365
0.015192 1.089927 277.302459

COMB DL-G1-3 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -9.691109 -76.141707 -0.582489
-0.014081 -0.542739 -0.003566
0.17197 -9.691109 -76.141707 -0.582489
-0.014081 -0.144736 -8.982300
0.34394 -9.691109 -76.141707 -0.582489
-0.014081 -0.489563 -33.017775
0.51591 -9.691109 -76.141707 -0.582489
-0.014081 -1.107039 -82.640714
0.68789 -9.691109 -76.141707 -0.582489
-0.014081 -1.727257 -167.382046

COMB DL-G2-1 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 7.155727 45.438451 0.154406
0.000919 0.140791 1.267993
0.17197 7.155727 45.438451 0.154406
0.000919 0.034535 3.137523
0.34394 7.155727 45.438451 0.154406
0.000919 0.031884 8.509418
0.51591 7.155727 45.438451 0.154406
0.000919 0.070685 14.161456
0.68789 7.155727 45.438451 0.154406
0.000919 0.109620 19.889243

COMB DL-G2-1 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -1.440941 -8.421342 -0.056572
-0.002901 -0.046478 -6.588328
0.17197 -1.440941 -8.421342 -0.056572
-0.002901 -0.007773 -33.952351
0.34394 -1.440941 -8.421342 -0.056572
-0.002901 -0.071596 -64.709594
0.51591 -1.440941 -8.421342 -0.056572
-0.002901 -0.177759 -95.871752
0.68789 -1.440941 -8.421342 -0.056572
-0.002901 -0.284167 -127.114079

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 12.606444 139.371935 0.366698
0.012720 0.318354 210.538137
0.17197 12.606444 139.371935 0.366698
0.012720 0.073634 157.234268
0.34394 12.606444 139.371935 0.366698
0.012720 0.082839 110.145258
0.51591 12.606444 139.371935 0.366698
0.012720 0.195072 106.815575
0.68789 12.606444 139.371935 0.366698
0.012720 0.310640 123.144870

COMB DL-G2-2 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -2.911622 -27.748393 -0.168842
-0.014841 -0.182174 -0.028004
0.17197 -2.911622 -27.748393 -0.168842
-0.014841 -0.069181 -27.605535
0.34394 -2.911622 -27.748393 -0.168842
-0.014841 -0.191248 -62.580302
0.51591 -2.911622 -27.748393 -0.168842
-0.014841 -0.440243 -121.664313
0.68789 -2.911622 -27.748393 -0.168842
-0.014841 -0.692036 -215.477172

COMB DL-G2-3 ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 13.205208 151.769801 0.734509
0.014520 0.622500 243.808311
0.17197 13.205208 151.769801 0.734509
0.014520 0.123926 195.275172
0.34394 13.205208 151.769801 0.734509
0.014520 0.221334 159.809664
0.51591 13.205208 151.769801 0.734509
0.014520 0.519798 171.195303
0.68789 13.205208 151.769801 0.734509
0.014520 0.821706 202.993849

COMB DL-G2-3 ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -6.703581 -50.994454 -0.439415
-0.015100 -0.416610 -0.028595
0.17197 -6.703581 -50.994454 -0.439415
-0.015100 -0.117211 -25.867662
0.34394 -6.703581 -50.994454 -0.439415
-0.015100 -0.393009 -61.488425
0.51591 -6.703581 -50.994454 -0.439415
-0.015100 -0.895572 -127.989688
0.68789 -6.703581 -50.994454 -0.439415
-0.015100 -1.400819 -229.853624

COMB DB ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 10.481777 149.723042 0.562299
0.016252 0.471065 227.349150
0.17197 10.481777 149.723042 0.562299
0.016252 0.092621 184.617545
0.34394 10.481777 149.723042 0.562299
0.016252 0.226726 147.571188
0.51591 10.481777 149.723042 0.562299
0.016252 0.530507 164.801669
0.68789 10.481777 149.723042 0.562299
0.016252 0.834265 202.769053

COMB DB ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -6.608484 -58.569124 -0.441037
-0.015933 -0.398388 -5.567501
0.17197 -6.608484 -58.569124 -0.441037
-0.015933 -0.117439 -18.919115
0.34394 -6.608484 -58.569124 -0.441037
-0.015933 -0.304153 -38.494783
0.51591 -6.608484 -58.569124 -0.441037
-0.015933 -0.691075 -92.912063
0.68789 -6.608484 -58.569124 -0.441037
-0.015933 -1.078305 -192.086751

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 13.205208 151.769801 0.901365
0.015192 0.755511 243.808311
0.17197 13.205208 151.769801 0.901365
0.015192 0.142197 214.596564
0.34394 13.205208 151.769801 0.901365
0.015192 0.307114 198.775165
0.51591 13.205208 151.769801 0.901365
0.015192 0.718813 228.023516
0.68789 13.205208 151.769801 0.901365
0.015192 1.133625 277.302459

COMB DL ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -9.691109 -76.141707 -0.603331
-0.015100 -0.556161 -8.249841
0.17197 -9.691109 -76.141707 -0.603331
-0.015100 -0.144736 -33.952351
0.34394 -9.691109 -76.141707 -0.603331
-0.015100 -0.489563 -64.709594
0.51591 -9.691109 -76.141707 -0.603331
-0.015100 -1.107039 -127.989688
0.68789 -9.691109 -76.141707 -0.603331
-0.015100 -1.727257 -229.853624

COMB CAR ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 13.205208 151.769801 0.901365
0.016252 0.755511 243.808311
0.17197 13.205208 151.769801 0.901365
0.016252 0.142197 214.596564
0.34394 13.205208 151.769801 0.901365
0.016252 0.307114 198.775165
0.51591 13.205208 151.769801 0.901365
0.016252 0.718813 228.023516
0.68789 13.205208 151.769801 0.901365
0.016252 1.133625 277.302459

COMB CAR ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -9.691109 -76.141707 -0.603331
-0.015933 -0.556161 -8.249841
0.17197 -9.691109 -76.141707 -0.603331
-0.015933 -0.144736 -33.952351
0.34394 -9.691109 -76.141707 -0.603331
-0.015933 -0.489563 -64.709594
0.51591 -9.691109 -76.141707 -0.603331
-0.015933 -1.107039 -127.989688
0.68789 -9.691109 -76.141707 -0.603331
-0.015933 -1.727257 -229.853624

COMB DESIGN ------------------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 13.205208 151.769801 0.901365
0.016252 0.755511 243.808311
0.17197 13.205208 151.769801 0.901365
0.016252 0.142197 214.596564
0.34394 13.205208 151.769801 0.901365
0.016252 0.307114 198.775165
0.51591 13.205208 151.769801 0.901365
0.016252 0.718813 228.023516
0.68789 13.205208 151.769801 0.901365
0.016252 1.133625 277.302459

COMB DESIGN ------------------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -9.691109 -76.141707 -0.603331
-0.015933 -0.556161 -8.249841
0.17197 -9.691109 -76.141707 -0.603331
-0.015933 -0.144736 -33.952351
0.34394 -9.691109 -76.141707 -0.603331
-0.015933 -0.489563 -64.709594
0.51591 -9.691109 -76.141707 -0.603331
-0.015933 -1.107039 -127.989688
0.68789 -9.691109 -76.141707 -0.603331
-0.015933 -1.727257 -229.853624

FRAME ELEMENT INTERNAL FORCES

ELEM 115 ========== LENGTH = 4.005247

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	4.636530	25.520581	0.372165
0.002475		0.707463	64.850583	
	0.48407	4.636530	25.520581	0.372165
0.002475		0.451145	47.282530	
	0.65605	4.636530	25.520581	0.372165
0.002475		0.194935	29.736754	
	0.82802	4.636530	25.520581	0.372165
0.002475		0.044394	12.266224	
	1.00000	4.636530	25.520581	0.372165
0.002475		0.225438	0.933752	

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-1.913122	-21.632435	-0.262773
-3.80E-05		-0.498568	-60.330325	
	0.48407	-1.913122	-21.632435	-0.262773
-3.80E-05		-0.317567	-45.433483	
	0.65605	-1.913122	-21.632435	-0.262773
-3.80E-05		-0.136546	-30.584824	
	0.82802	-1.913122	-21.632435	-0.262773
-3.80E-05		-0.062363	-16.081925	
	1.00000	-1.913122	-21.632435	-0.262773
-3.80E-05		-0.318315	-5.750508	

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	6.492592	49.532435	0.583442
0.015556		1.073606	163.091732	
	0.48407	6.492592	49.532435	0.583442
0.015556		0.683535	131.156758	
	0.65605	6.492592	49.532435	0.583442
0.015556		0.293566	121.718569	
	0.82802	6.492592	49.532435	0.583442
0.015556		0.064585	163.214567	
	1.00000	6.492592	49.532435	0.583442
0.015556		0.318187	204.727435	

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-7.312216	-125.233980	-0.373210
-0.012876		-0.710114	-150.932781	
	0.48407	-7.312216	-125.233980	-0.373210
-0.012876		-0.453066	-69.801236	
	0.65605	-7.312216	-125.233980	-0.373210
-0.012876		-0.195989	-32.222851	
	0.82802	-7.312216	-125.233980	-0.373210
-0.012876		-0.137773	-15.362006	
	1.00000	-7.312216	-125.233980	-0.373210
-0.012876		-0.538603	-0.007661	

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	6.978034	57.381902	0.602600
0.015718		1.107896	189.766461	
	0.48407	6.978034	57.381902	0.602600
0.015718		0.704882	152.537464	
	0.65605	6.978034	57.381902	0.602600
0.015718		0.301945	138.454507	
	0.82802	6.978034	57.381902	0.602600
0.015718		0.067387	176.898159	
	1.00000	6.978034	57.381902	0.602600
0.015718		0.329213	232.056520	

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-10.943631	-156.156353	-0.387217
-0.014989		-0.737890	-207.430833	
	0.48407	-10.943631	-156.156353	-0.387217
-0.014989		-0.471195	-105.172933	
	0.65605	-10.943631	-156.156353	-0.387217
-0.014989		-0.204454	-47.505460	

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
	0.82802	-10.943631	-156.156353	-0.387217
-0.014989		-0.142870	-14.416152	
	1.00000	-10.943631	-156.156353	-0.387217
-0.014989		-0.557113	-0.020446	

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	1.962527	21.257248	0.128571
2.33E-05		0.244223	58.914038	
	0.48407	1.962527	21.257248	0.128571
2.33E-05		0.155657	44.276839	
	0.65605	1.962527	21.257248	0.128571
2.33E-05		0.067123	29.656478	
	0.82802	1.962527	21.257248	0.128571
2.33E-05		0.022465	15.100068	
	1.00000	1.962527	21.257248	0.128571
2.33E-05		0.085390	1.122439	

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-4.706196	-25.213145	-0.093064
-0.002583		-0.171326	-75.451087	
	0.48407	-4.706196	-25.213145	-0.093064
-0.002583		-0.107372	-58.094325	
	0.65605	-4.706196	-25.213145	-0.093064
-0.002583		-0.043558	-40.775734	
	0.82802	-4.706196	-25.213145	-0.093064
-0.002583		-0.021466	-23.491578	
	1.00000	-4.706196	-25.213145	-0.093064
-0.002583		-0.110030	-6.404066	

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	2.782250	34.586744	0.271377
0.012773		0.481296	115.861723	
	0.48407	2.782250	34.586744	0.271377
0.012773		0.306101	94.167092	
	0.65605	2.782250	34.586744	0.271377
0.012773		0.130928	94.980315	
	0.82802	2.782250	34.586744	0.271377
0.012773		0.034581	146.726344	
	1.00000	2.782250	34.586744	0.271377
0.012773		0.136879	203.954112	

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-11.127144	-139.082630	-0.155900
-0.016035		-0.293824	-182.286545	
	0.48407	-11.127144	-139.082630	-0.155900
-0.016035		-0.186534	-91.613221	
	0.65605	-11.127144	-139.082630	-0.155900
-0.016035		-0.079212	-44.492756	
	0.82802	-11.127144	-139.082630	-0.155900
-0.016035		-0.083635	-18.026223	
	1.00000	-11.127144	-139.082630	-0.155900
-0.016035		-0.270517	-0.113416	

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	6.239320	64.119855	0.513075
0.014380		0.936831	222.291956	
	0.48407	6.239320	64.119855	0.513075
0.014380		0.595428	180.292171	
	0.65605	6.239320	64.119855	0.513075
0.014380		0.254420	161.300349	
	0.82802	6.239320	64.119855	0.513075
0.014380		0.060848	194.364205	
	1.00000	6.239320	64.119855	0.513075
0.014380		0.277949	231.735855	

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-11.761592	-149.310981	-0.322419
-0.015974		-0.611332	-202.771097	

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
	0.48407	-11.761592	-149.310981	-0.322419
-0.015974		-0.389376	-105.274345	
	0.65605	-11.761592	-149.310981	-0.322419
-0.015974		-0.167379	-52.391874	
	0.82802	-11.761592	-149.310981	-0.322419
-0.015974		-0.129740	-20.927365	
	1.00000	-11.761592	-149.310981	-0.322419
-0.015974		-0.481428	-0.104050	

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	3.862197	23.531202	0.561906
0.002992		1.069087	60.152610	
	0.48407	3.862197	23.531202	0.561906
0.002992		0.681976	43.983074	
	0.65605	3.862197	23.531202	0.561906
0.002992		0.294654	27.869583	
	0.82802	3.862197	23.531202	0.561906
0.002992		0.059039	11.965116	
	1.00000	3.862197	23.531202	0.561906
0.002992		0.299030	1.312298	

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-3.141491	-31.871264	-0.348352
-3.86E-05		-0.660773	-90.228735	
	0.48407	-3.141491	-31.871264	-0.348352
-3.86E-05		-0.420842	-68.316089	
	0.65605	-3.141491	-31.871264	-0.348352
-3.86E-05		-0.180891	-46.466113	
	0.82802	-3.141491	-31.871264	-0.348352
-3.86E-05		-0.090758	-24.925884	
	1.00000	-3.141491	-31.871264	-0.348352
-3.86E-05		-0.478401	-8.086203	

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	5.597997	46.543527	0.879700
0.015018		1.634479	178.503373	
	0.48407	5.597997	46.543527	0.879700
0.015018		1.038539	149.374406	
	0.65605	5.597997	46.543527	0.879700
0.015018		0.442356	141.381606	
	0.82802	5.597997	46.543527	0.879700
0.015018		0.090121	175.362990	
	1.00000	5.597997	46.543527	0.879700
0.015018		0.430551	212.574594	

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-8.135064	-124.549653	-0.506038
-0.011819		-0.964402	-175.598597	
	0.48407	-8.135064	-124.549653	-0.506038
-0.011819		-0.615932	-92.354347	
	0.65605	-8.135064	-124.549653	-0.506038
-0.011819		-0.267222	-45.693726	
	0.82802	-8.135064	-124.549653	-0.506038
-0.011819		-0.185267	-20.960981	
	1.00000	-8.135064	-124.549653	-0.506038
-0.011819		-0.790313	-0.006194	

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	6.931437	60.082434	0.924346
0.014831		1.718134	228.870399	
	0.48407	6.931437	60.082434	0.924346
0.014831		1.091402	190.817343	
	0.65605	6.931437	60.082434	0.924346
0.014831		0.464301	174.413048	
	0.82802	6.931437	60.082434	0.924346
0.014831		0.089673	202.977461	
	1.00000	6.931437	60.082434	0.924346
0.014831		0.425695	247.863382	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-10.869565	-149.789671	-0.501153
-0.013888		-0.955786	-220.550500	
	0.48407	-10.869565	-149.789671	-0.501153
-0.013888		-0.610615	-120.298104	
	0.65605	-10.869565	-149.789671	-0.501153
-0.013888		-0.265302	-57.087737	
	0.82802	-10.869565	-149.789671	-0.501153
-0.013888		-0.193776	-19.727640	
	1.00000	-10.869565	-149.789671	-0.501153
-0.013888		-0.829503	-0.017265	

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	3.211445	31.307466	0.178745
2.39E-05		0.340598	85.634538	
	0.48407	3.211445	31.307466	0.178745
2.39E-05		0.217397	64.112591	
	0.65605	3.211445	31.307466	0.178745
2.39E-05		0.094162	42.621890	
	0.82802	3.211445	31.307466	0.178745
2.39E-05		0.020794	21.220103	
	1.00000	3.211445	31.307466	0.178745
2.39E-05		0.075157	1.496587	

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-3.913417	-23.292535	-0.080565
-0.003119		-0.147293	-69.743899	
	0.48407	-3.913417	-23.292535	-0.080565
-0.003119		-0.091992	-53.742861	
	0.65605	-3.913417	-23.292535	-0.080565
-0.003119		-0.036802	-37.784353	
	0.82802	-3.913417	-23.292535	-0.080565
-0.003119		-0.028841	-21.924245	
	1.00000	-3.913417	-23.292535	-0.080565
-0.003119		-0.151614	-7.731385	

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	4.359447	46.402653	0.403613
0.011718		0.731886	174.921000	
	0.48407	4.359447	46.402653	0.403613
0.011718		0.463850	145.888501	
	0.65605	4.359447	46.402653	0.403613
0.011718		0.195763	137.993192	
	0.82802	4.359447	46.402653	0.403613
0.011718		0.039481	172.103108	
	1.00000	4.359447	46.402653	0.403613
0.011718		0.145421	213.315451	

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-9.486607	-123.303776	-0.167687
-0.015646		-0.317686	-167.772543	
	0.48407	-9.486607	-123.303776	-0.167687
-0.015646		-0.202224	-85.394640	
	0.65605	-9.486607	-123.303776	-0.167687
-0.015646		-0.086759	-39.589753	
	0.82802	-9.486607	-123.303776	-0.167687
-0.015646		-0.105262	-15.764259	
	1.00000	-9.486607	-123.303776	-0.167687
-0.015646		-0.381698	-0.141121	

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	7.061711	72.332005	0.768232
0.013336		1.419634	273.069463	
	0.48407	7.061711	72.332005	0.768232
0.013336		0.900469	226.530900	
	0.65605	7.061711	72.332005	0.768232
0.013336		0.380966	201.469074	
	0.82802	7.061711	72.332005	0.768232
0.013336		0.075530	219.779969	
	1.00000	7.061711	72.332005	0.768232
0.013336		0.337709	248.064278	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-10.818226	-137.497024	-0.394644
-0.015240		-0.750735	-197.125544	
	0.48407	-10.818226	-137.497024	-0.394644
-0.015240		-0.478945	-105.339915	
	0.65605	-10.818226	-137.497024	-0.394644
-0.015240		-0.207269	-50.527727	
	0.82802	-10.818226	-137.497024	-0.394644
-0.015240		-0.170767	-19.163806	
	1.00000	-10.818226	-137.497024	-0.394644
-0.015240		-0.698257	-0.129785	

COMB DB ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	6.978034	64.119855	0.602600
0.015718		1.107896	222.291956	
	0.48407	6.978034	64.119855	0.602600
0.015718		0.704882	180.292171	
	0.65605	6.978034	64.119855	0.602600
0.015718		0.301945	161.300349	
	0.82802	6.978034	64.119855	0.602600
0.015718		0.067387	194.364205	
	1.00000	6.978034	64.119855	0.602600
0.015718		0.329213	232.056520	

COMB DB ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-11.761592	-156.156353	-0.387217
-0.016035		-0.737890	-207.430833	
	0.48407	-11.761592	-156.156353	-0.387217
-0.016035		-0.471195	-105.274345	
	0.65605	-11.761592	-156.156353	-0.387217
-0.016035		-0.204454	-52.391874	
	0.82802	-11.761592	-156.156353	-0.387217
-0.016035		-0.142870	-23.491578	
	1.00000	-11.761592	-156.156353	-0.387217
-0.016035		-0.557113	-6.404066	

COMB DL ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	7.061711	72.332005	0.924346
0.015018		1.718134	273.069463	
	0.48407	7.061711	72.332005	0.924346
0.015018		1.091402	226.530900	
	0.65605	7.061711	72.332005	0.924346
0.015018		0.464301	201.469074	
	0.82802	7.061711	72.332005	0.924346
0.015018		0.090121	219.779969	
	1.00000	7.061711	72.332005	0.924346
0.015018		0.430551	248.064278	

COMB DL ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-10.869565	-149.789671	-0.506038
-0.015646		-0.964402	-220.550500	
	0.48407	-10.869565	-149.789671	-0.506038
-0.015646		-0.615932	-120.298104	
	0.65605	-10.869565	-149.789671	-0.506038
-0.015646		-0.267222	-57.087737	
	0.82802	-10.869565	-149.789671	-0.506038
-0.015646		-0.193776	-24.925884	
	1.00000	-10.869565	-149.789671	-0.506038
-0.015646		-0.829503	-8.086203	

COMB CAR ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	7.061711	72.332005	0.924346
0.015718		1.718134	273.069463	
	0.48407	7.061711	72.332005	0.924346
0.015718		1.091402	226.530900	
	0.65605	7.061711	72.332005	0.924346
0.015718		0.464301	201.469074	
	0.82802	7.061711	72.332005	0.924346
0.015718		0.090121	219.779969	
	1.00000	7.061711	72.332005	0.924346
0.015718		0.430551	248.064278	

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-11.761592	-156.156353	-0.506038
-0.016035		-0.964402	-220.550500	
	0.48407	-11.761592	-156.156353	-0.506038
-0.016035		-0.615932	-120.298104	
	0.65605	-11.761592	-156.156353	-0.506038
-0.016035		-0.267222	-57.087737	
	0.82802	-11.761592	-156.156353	-0.506038
-0.016035		-0.193776	-24.925884	
	1.00000	-11.761592	-156.156353	-0.506038
-0.016035		-0.829503	-8.086203	

COMB DESIGN ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.31209	7.061711	72.332005	0.924346
0.015718		1.718134	273.069463	
	0.48407	7.061711	72.332005	0.924346
0.015718		1.091402	226.530900	
	0.65605	7.061711	72.332005	0.924346
0.015718		0.464301	201.469074	
	0.82802	7.061711	72.332005	0.924346
0.015718		0.090121	219.779969	
	1.00000	7.061711	72.332005	0.924346
0.015718		0.430551	248.064278	

COMB DESIGN ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.31209	-11.761592	-156.156353	-0.506038
-0.016035		-0.964402	-220.550500	
	0.48407	-11.761592	-156.156353	-0.506038
-0.016035		-0.615932	-120.298104	
	0.65605	-11.761592	-156.156353	-0.506038
-0.016035		-0.267222	-57.087737	
	0.82802	-11.761592	-156.156353	-0.506038
-0.016035		-0.193776	-24.925884	
	1.00000	-11.761592	-156.156353	-0.506038
-0.016035		-0.829503	-8.086203	

ELEM 116 ========== LENGTH = 4.004248

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.00000	4.604274	25.132861	0.349968
0.002534		0.293696	0.933663	
	0.17196	4.604274	25.132861	0.349968
0.002534		0.052657	13.982310	
	0.34392	4.604274	25.132861	0.349968
0.002534		0.138943	28.639935	
	0.51587	4.604274	25.132861	0.349968
0.002534		0.324893	43.354164	
	0.68783	4.604274	25.132861	0.349968
0.002534		0.510825	58.084933	

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
	0.00000	-1.894676	-21.399065	-0.270046
-2.57E-05		-0.232970	-5.727003	
	0.17196	-1.894676	-21.399065	-0.270046
-2.57E-05		-0.047013	-22.821088	
	0.34392	-1.894676	-21.399065	-0.270046
-2.57E-05		-0.188263	-40.024949	
	0.51587	-1.894676	-21.399065	-0.270046
-2.57E-05		-0.429235	-57.278465	
	0.68783	-1.894676	-21.399065	-0.270046
-2.57E-05		-0.670210	-74.573632	

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
	0.00000	10.882882	139.012507	0.545139
0.015903		0.457774	204.396746	
	0.17196	10.882882	139.012507	0.545139
0.015903		0.088379	145.148624	
	0.34392	10.882882	139.012507	0.545139
0.015903		0.194341	93.533786	

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
	0.51587	10.882882	139.012507	0.545139
0.015903		0.454654	93.287341	
	0.68783	10.882882	139.012507	0.545139
0.015903		0.715052	115.128676	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.842266	-34.753270	-0.378181
-0.012823	-0.345365	-0.004195	
0.17196	-2.842266	-34.753270	-0.378181
-0.012823	-0.101719	-17.268080	
0.34392	-2.842266	-34.753270	-0.378181
-0.012823	-0.298122	-43.681082	
0.51587	-2.842266	-34.753270	-0.378181
-0.012823	-0.673402	-90.842350	
0.68783	-2.842266	-34.753270	-0.378181
-0.012823	-1.048716	-181.634376	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.485000	149.082071	0.574152
0.015853	0.484731	231.722838	
0.17196	11.485000	149.082071	0.574152
0.015853	0.095489	192.540406	
0.34392	11.485000	149.082071	0.574152
0.015853	0.194810	159.595787	
0.51587	11.485000	149.082071	0.574152
0.015853	0.466548	179.143841	
0.68783	11.485000	149.082071	0.574152
0.015853	0.738371	221.272504	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.416645	-64.268512	-0.394853
-0.014593	-0.368526	-0.014104	
0.17196	-6.416645	-64.268512	-0.394853
-0.014593	-0.114272	-19.439475	
0.34392	-6.416645	-64.268512	-0.394853
-0.014593	-0.311303	-50.699582	
0.51587	-6.416645	-64.268512	-0.394853
-0.014593	-0.706544	-103.536610	
0.68783	-6.416645	-64.268512	-0.394853
-0.014593	-1.101812	-201.053796	

COMB DB-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.981792	21.492742	0.141220
0.000252	0.125297	1.115118	
0.17196	1.981792	21.492742	0.141220
0.000252	0.028030	11.720222	
0.34392	1.981792	21.492742	0.141220
0.000252	0.044263	29.233759	
0.51587	1.981792	21.492742	0.141220
0.000252	0.106117	46.826760	
0.68783	1.981792	21.492742	0.141220
0.000252	0.167972	64.442355	

COMB DB-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.737847	-25.599142	-0.089832
-0.002698	-0.079462	-6.397476	
0.17196	-4.737847	-25.599142	-0.089832
-0.002698	-0.017623	-14.851595	
0.34392	-4.737847	-25.599142	-0.089832
-0.002698	-0.069157	-29.244032	
0.51587	-4.737847	-25.599142	-0.089832
-0.002698	-0.166398	-43.967074	
0.68783	-4.737847	-25.599142	-0.089832
-0.002698	-0.263653	-58.756219	

COMB DB-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.246043	125.032525	0.274190
0.012847	0.238895	203.602011	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.17196	7.246043	125.032525	0.274190
0.012847	0.055995	162.118688	
0.34392	7.246043	125.032525	0.274190
0.012847	0.071807	120.662078	
0.51587	7.246043	125.032525	0.274190
0.012847	0.176635	130.642776	
0.68783	7.246043	125.032525	0.274190
0.012847	0.281546	162.705115	

COMB DB-G2-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.728462	-49.563530	-0.152365
-0.015892	-0.156873	-0.107084	
0.17196	-6.728462	-49.563530	-0.152365
-0.015892	-0.068933	-13.828782	
0.34392	-6.728462	-49.563530	-0.152365
-0.015892	-0.143897	-30.548189	
0.51587	-6.728462	-49.563530	-0.152365
-0.015892	-0.332585	-68.079162	
0.68783	-6.728462	-49.563530	-0.152365
-0.015892	-0.521335	-149.241205	

COMB DB-G2-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.759216	155.972583	0.500429
0.014916	0.425661	231.394584	
0.17196	10.759216	155.972583	0.500429
0.014916	0.087126	175.430553	
0.34392	10.759216	155.972583	0.500429
0.014916	0.159752	137.053159	
0.51587	10.759216	155.972583	0.500429
0.014916	0.382136	151.753757	
0.68783	10.759216	155.972583	0.500429
0.014916	0.604598	189.179189	

COMB DB-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.246626	-57.572290	-0.323083
-0.016028	-0.304436	-0.098425	
0.17196	-7.246626	-57.572290	-0.323083
-0.016028	-0.099297	-12.977348	
0.34392	-7.246626	-57.572290	-0.323083
-0.016028	-0.268897	-45.631583	
0.51587	-7.246626	-57.572290	-0.323083
-0.016028	-0.613343	-103.242931	
0.68783	-7.246626	-57.572290	-0.323083
-0.016028	-0.957850	-205.523405	

COMB DL-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.828400	23.160705	0.538134
0.003119	0.452534	1.312389	
0.17196	3.828400	23.160705	0.538134
0.003119	0.081275	19.699593	
0.34392	3.828400	23.160705	0.538134
0.003119	0.184013	41.232317	
0.51587	3.828400	23.160705	0.538134
0.003119	0.429695	62.861837	
0.68783	3.828400	23.160705	0.538134
0.003119	0.675309	84.520402	

COMB DL-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.108589	-31.515548	-0.356775
-2.73E-05	-0.307403	-8.073410	
0.17196	-3.108589	-31.515548	-0.356775
-2.73E-05	-0.061724	-21.085039	
0.34392	-3.108589	-31.515548	-0.356775
-2.73E-05	-0.287368	-36.853727	
0.51587	-3.108589	-31.515548	-0.356775
-2.73E-05	-0.658335	-52.718054	
0.68783	-3.108589	-31.515548	-0.356775
-2.73E-05	-1.028984	-68.622438	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.329102	123.024050	0.835705
0.015309	0.702291	212.541536	
0.17196	9.329102	123.024050	0.835705
0.015309	0.131378	170.538958	
0.34392	9.329102	123.024050	0.835705
0.015309	0.261107	136.801513	
0.51587	9.329102	123.024050	0.835705
0.015309	0.612017	145.208609	
0.68783	9.329102	123.024050	0.835705
0.015309	0.962805	174.652617	

COMB DL-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.320451	-46.775110	-0.512375
-0.011738	-0.478330	-0.003456	
0.17196	-4.320451	-46.775110	-0.512375
-0.011738	-0.128486	-14.908939	
0.34392	-4.320451	-46.775110	-0.512375
-0.011738	-0.457627	-38.621071	
0.51587	-4.320451	-46.775110	-0.512375
-0.011738	-1.031586	-84.472872	
0.68783	-4.320451	-46.775110	-0.512375
-0.011738	-1.605206	-166.821217	

COMB DL-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.697210	136.948166	0.898248
0.014931	0.756008	247.831945	
0.17196	10.697210	136.948166	0.898248
0.014931	0.142312	218.378118	
0.34392	10.697210	136.948166	0.898248
0.014931	0.252433	200.356243	
0.51587	10.697210	136.948166	0.898248
0.014931	0.600013	225.878776	
0.68783	10.697210	136.948166	0.898248
0.014931	0.947667	272.830519	

COMB DL-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.104260	-72.724522	-0.507867
-0.013560	-0.481223	-0.011708	
0.17196	-7.104260	-72.724522	-0.507867
-0.013560	-0.135230	-17.432770	
0.34392	-7.104260	-72.724522	-0.507867
-0.013560	-0.490126	-48.386583	
0.51587	-7.104260	-72.724522	-0.507867
-0.013560	-1.107121	-103.009345	
0.68783	-7.104260	-72.724522	-0.507867
-0.013560	-1.723807	-194.556763	

COMB DL-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.247234	31.667589	0.199174
0.000213	0.176266	1.488864	
0.17196	3.247234	31.667589	0.199174
0.000213	0.039424	11.376268	
0.34392	3.247234	31.667589	0.199174
0.000213	0.036357	27.350688	
0.51587	3.247234	31.667589	0.199174
0.000213	0.087143	43.549046	
0.68783	3.247234	31.667589	0.199174
0.000213	0.137957	59.808411	

COMB DL-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.946937	-23.667927	-0.073802
-0.003252	-0.065338	-7.722873	
0.17196	-3.946937	-23.667927	-0.073802
-0.003252	-0.014585	-23.186730	
0.34392	-3.946937	-23.667927	-0.073802
-0.003252	-0.097038	-44.576406	
0.51587	-3.946937	-23.667927	-0.073802
-0.003252	-0.234524	-66.282026	
0.68783	-3.946937	-23.667927	-0.073802
-0.003252	-0.371771	-88.048980	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.189964	124.058045	0.413805
0.011748	0.357859	213.266490	
0.17196	8.189964	124.058045	0.413805
0.011748	0.078391	174.820005	
0.34392	8.189964	124.058045	0.413805
0.011748	0.074475	141.063407	
0.51587	8.189964	124.058045	0.413805
0.011748	0.182638	149.422442	
0.68783	8.189964	124.058045	0.413805
0.011748	0.290686	178.815212	

COMB DL-G2-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.767996	-46.690917	-0.159930
-0.015388	-0.179935	-0.132470	
0.17196	-5.767996	-46.690917	-0.159930
-0.015388	-0.073008	-18.810218	
0.34392	-5.767996	-46.690917	-0.159930
-0.015388	-0.221621	-43.326179	
0.51587	-5.767996	-46.690917	-0.159930
-0.015388	-0.504738	-89.896286	
0.68783	-5.767996	-46.690917	-0.159930
-0.015388	-0.787840	-172.956922	

COMB DL-G2-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.843514	149.264018	0.761079
0.013760	0.645112	248.027290	
0.17196	10.843514	149.264018	0.761079
0.013760	0.125891	201.881144	
0.34392	10.843514	149.264018	0.761079
0.013760	0.193650	173.570696	
0.51587	10.843514	149.264018	0.761079
0.013760	0.461458	190.509329	
0.68783	10.843514	149.264018	0.761079
0.013760	0.729277	229.003199	

COMB DL-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.067190	-60.503298	-0.391927
-0.015159	-0.380333	-0.122234	
0.17196	-7.067190	-60.503298	-0.391927
-0.015159	-0.113773	-17.712781	
0.34392	-7.067190	-60.503298	-0.391927
-0.015159	-0.411825	-54.599122	
0.51587	-7.067190	-60.503298	-0.391927
-0.015159	-0.934354	-117.688515	
0.68783	-7.067190	-60.503298	-0.391927
-0.015159	-1.456603	-217.737008	

COMB DB ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.485000	155.972583	0.574152
0.015903	0.484731	231.722838	
0.17196	11.485000	155.972583	0.574152
0.015903	0.095489	192.540406	
0.34392	11.485000	155.972583	0.574152
0.015903	0.194810	159.595787	
0.51587	11.485000	155.972583	0.574152
0.015903	0.466548	179.143841	
0.68783	11.485000	155.972583	0.574152
0.015903	0.738371	221.272504	

COMB DB ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.246626	-64.268512	-0.394853
-0.016028	-0.368526	-6.397476	
0.17196	-7.246626	-64.268512	-0.394853
-0.016028	-0.114272	-22.821088	
0.34392	-7.246626	-64.268512	-0.394853
-0.016028	-0.311303	-50.699582	
0.51587	-7.246626	-64.268512	-0.394853
-0.016028	-0.706544	-103.536610	
0.68783	-7.246626	-64.268512	-0.394853
-0.016028	-1.101812	-205.523405	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.843514	149.264018	0.898248
0.015309	0.756008	248.027290	
0.17196	10.843514	149.264018	0.898248
0.015309	0.142312	218.378118	
0.34392	10.843514	149.264018	0.898248
0.015309	0.261107	200.356243	
0.51587	10.843514	149.264018	0.898248
0.015309	0.612017	225.878776	
0.68783	10.843514	149.264018	0.898248
0.015309	0.962805	272.830519	

COMB DL ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.104260	-72.724522	-0.512375
-0.015388	-0.481223	-8.073410	
0.17196	-7.104260	-72.724522	-0.512375
-0.015388	-0.135230	-23.186730	
0.34392	-7.104260	-72.724522	-0.512375
-0.015388	-0.490126	-54.599122	
0.51587	-7.104260	-72.724522	-0.512375
-0.015388	-1.107121	-117.688515	
0.68783	-7.104260	-72.724522	-0.512375
-0.015388	-1.723807	-217.737008	

COMB CAR ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.485000	155.972583	0.898248
0.015903	0.756008	248.027290	
0.17196	11.485000	155.972583	0.898248
0.015903	0.142312	218.378118	
0.34392	11.485000	155.972583	0.898248
0.015903	0.261107	200.356243	
0.51587	11.485000	155.972583	0.898248
0.015903	0.612017	225.878776	
0.68783	11.485000	155.972583	0.898248
0.015903	0.962805	272.830519	

COMB CAR ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.246626	-72.724522	-0.512375
-0.016028	-0.481223	-8.073410	
0.17196	-7.246626	-72.724522	-0.512375
-0.016028	-0.135230	-23.186730	
0.34392	-7.246626	-72.724522	-0.512375
-0.016028	-0.490126	-54.599122	
0.51587	-7.246626	-72.724522	-0.512375
-0.016028	-1.107121	-117.688515	
0.68783	-7.246626	-72.724522	-0.512375
-0.016028	-1.723807	-217.737008	

COMB DESIGN ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.246626	-72.724522	-0.512375
-0.016028	-0.481223	-8.073410	
0.17196	-7.246626	-72.724522	-0.512375
-0.016028	-0.135230	-23.186730	
0.34392	-7.246626	-72.724522	-0.512375
-0.016028	-0.490126	-54.599122	
0.51587	-7.246626	-72.724522	-0.512375
-0.016028	-1.107121	-117.688515	
0.68783	-7.246626	-72.724522	-0.512375
-0.016028	-1.723807	-217.737008	

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FRAME ELEMENT INTERNAL FORCES

ELEM 117 ========== LENGTH = 4.004594

COMB DB-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	6.301977	36.775605	0.335966
0.002265	0.635423	95.824120	
0.48411	6.301977	36.775605	0.335966
0.002265	0.404117	70.505882	
0.65607	6.301977	36.775605	0.335966
0.002265	0.172825	45.212477	
0.82804	6.301977	36.775605	0.335966
0.002265	0.039107	20.014149	
1.00000	6.301977	36.775605	0.335966
0.002265	0.199187	0.959713	

COMB DB-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.440911	-38.178974	
0.48411	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.280887	-28.737792	
0.65607	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.120855	-19.329285	
0.82804	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.059076	-10.227098	
1.00000	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.290178	-5.661949	

COMB DB-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	8.472115	63.120777	0.533559
0.015340	0.971019	203.129302	
0.48411	8.472115	63.120777	0.533559
0.015340	0.609150	161.702333	
0.65607	8.472115	63.120777	0.533559
0.015340	0.258411	142.590765	
0.82804	8.472115	63.120777	0.533559
0.015340	0.057026	174.660468	
1.00000	8.472115	63.120777	0.533559
0.015340	0.266077	206.999064	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-5.919493	-115.811362	-0.311712
-0.012885	-0.592833	-123.940298	
0.48411	-5.919493	-115.811362	-0.311712
-0.012885	-0.378174	-50.114211	
0.65607	-5.919493	-115.811362	-0.311712
-0.012885	-0.163360	-19.911335	
0.82804	-5.919493	-115.811362	-0.311712
-0.012885	-0.134453	-9.460600	
1.00000	-5.919493	-115.811362	-0.311712
-0.012885	-0.501192	-1.90E-06	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	8.092141	64.970127	0.582161
0.015460	1.062813	211.667228	
0.48411	8.092141	64.970127	0.582161
0.015460	0.667597	169.145344	
0.65607	8.092141	64.970127	0.582161
0.015460	0.283688	149.523388	
0.82804	8.092141	64.970127	0.582161
0.015460	0.061128	182.501623	
1.00000	8.092141	64.970127	0.582161
0.015460	0.297747	234.704452	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-10.691380	-154.327123	-0.351969
-0.014856	-0.672054	-201.130502	
0.48411	-10.691380	-154.327123	-0.351969
-0.014856	-0.429675	-100.910773	
0.65607	-10.691380	-154.327123	-0.351969
-0.014856	-0.187137	-45.272795	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.82804	-10.691380	-154.327123	-0.351969
-0.014856	-0.142904	-10.088273	
1.00000	-10.691380	-154.327123	-0.351969
-0.014856	-0.543265	-0.001628	

COMB DB-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	0.755615	13.500781	0.165789
2.20E-05	0.315727	37.632695	
0.48411	0.755615	13.500781	0.165789
2.20E-05	0.201565	28.348977	
0.65607	0.755615	13.500781	0.165789
2.20E-05	0.087413	19.081975	
0.82804	0.755615	13.500781	0.165789
2.20E-05	0.022347	9.867780	
1.00000	0.755615	13.500781	0.165789
2.20E-05	0.101899	1.081173	

COMB DB-G2-1 ------------------- MIN

REL DIST	P	V2	V3
0.015903	0.261107	200.356243	
0.51587	11.485000	155.972583	0.898248
0.015903	0.612017	225.878776	
0.68783	11.485000	155.972583	0.898248
0.015903	0.962805	272.830519	

COMB DESIGN ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.246626	-72.724522	-0.512375
-0.016028	-0.481223	-8.073410	
0.17196	-7.246626	-72.724522	-0.512375
-0.016028	-0.135230	-23.186730	
0.34392	-7.246626	-72.724522	-0.512375
-0.016028	-0.490126	-54.599122	
0.51587	-7.246626	-72.724522	-0.512375
-0.016028	-1.107121	-117.688515	
0.68783	-7.246626	-72.724522	-0.512375
-0.016028	-1.723807	-217.737008	

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FRAME ELEMENT INTERNAL FORCES

ELEM 118 ========== LENGTH = 4.004594

COMB DB-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	6.301977	36.775605	0.335966
0.002265	0.635423	95.824120	
0.48411	6.301977	36.775605	0.335966
0.002265	0.404117	70.505882	
0.65607	6.301977	36.775605	0.335966
0.002265	0.172825	45.212477	
0.82804	6.301977	36.775605	0.335966
0.002265	0.039107	20.014149	
1.00000	6.301977	36.775605	0.335966
0.002265	0.199187	0.959713	

COMB DB-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.440911	-38.178974	
0.48411	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.280887	-28.737792	
0.65607	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.120855	-19.329285	
0.82804	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.059076	-10.227098	
1.00000	-0.733025	-13.717031	-0.232375
-3.67E-05	-0.290178	-5.661949	

COMB DB-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	8.472115	63.120777	0.533559
0.015340	0.971019	203.129302	
0.48411	8.472115	63.120777	0.533559
0.015340	0.609150	161.702333	
0.65607	8.472115	63.120777	0.533559
0.015340	0.258411	142.590765	
0.82804	8.472115	63.120777	0.533559
0.015340	0.057026	174.660468	
1.00000	8.472115	63.120777	0.533559
0.015340	0.266077	206.999064	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-5.919493	-115.811362	-0.311712
-0.012885	-0.592833	-123.940298	
0.48411	-5.919493	-115.811362	-0.311712
-0.012885	-0.378174	-50.114211	
0.65607	-5.919493	-115.811362	-0.311712
-0.012885	-0.163360	-19.911335	
0.82804	-5.919493	-115.811362	-0.311712
-0.012885	-0.134453	-9.460600	
1.00000	-5.919493	-115.811362	-0.311712
-0.012885	-0.501192	-1.90E-06	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	8.092141	64.970127	0.582161
0.015460	1.062813	211.667228	
0.48411	8.092141	64.970127	0.582161
0.015460	0.667597	169.145344	
0.65607	8.092141	64.970127	0.582161
0.015460	0.283688	149.523388	
0.82804	8.092141	64.970127	0.582161
0.015460	0.061128	182.501623	
1.00000	8.092141	64.970127	0.582161
0.015460	0.297747	234.704452	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-10.691380	-154.327123	-0.351969
-0.014856	-0.672054	-201.130502	
0.48411	-10.691380	-154.327123	-0.351969
-0.014856	-0.429675	-100.910773	
0.65607	-10.691380	-154.327123	-0.351969
-0.014856	-0.187137	-45.272795	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.82804	-10.691380	-154.327123	-0.351969
-0.014856	-0.142904	-10.088273	
1.00000	-10.691380	-154.327123	-0.351969
-0.014856	-0.543265	-0.001628	

COMB DB-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	0.755615	13.500781	0.165789
2.20E-05	0.315727	37.632695	
0.48411	0.755615	13.500781	0.165789
2.20E-05	0.201565	28.348977	
0.65607	0.755615	13.500781	0.165789
2.20E-05	0.087413	19.081975	
0.82804	0.755615	13.500781	0.165789
2.20E-05	0.022347	9.867780	
1.00000	0.755615	13.500781	0.165789
2.20E-05	0.101899	1.081173	

COMB DB-G2-1 ------------------- MIN

```
 REL DIST            P            V2           V3
    T          M2           M3
 0.31214    -6.390700   -36.050026   -0.117218
-0.002406   -0.221246  -106.052311
 0.48411    -6.390700   -36.050026   -0.117218
-0.002406   -0.140568   -81.237112
 0.65607    -6.390700   -36.050026   -0.117218
-0.002406   -0.059878   -56.459415
 0.82804    -6.390700   -36.050026   -0.117218
-0.002406   -0.026727   -31.715154
 1.00000    -6.390700   -36.050026   -0.117218
-0.002406   -0.140982    -7.122520

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     1.422459    25.581562    0.312295
0.012788    0.557075    92.273510
 0.48411     1.422459    25.581562    0.312295
0.012788    0.347561    76.705425
 0.65607     1.422459    25.581562    0.312295
0.012788    0.148851    83.454619
 0.82804     1.422459    25.581562    0.312295
0.012788    0.033429   141.396339
 1.00000     1.422459    25.581562    0.312295
0.012788    0.142216   205.305283

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -13.114996  -151.936688   -0.167444
-0.015815   -0.319284  -216.435745
 0.48411   -13.114996  -151.936688   -0.167444
-0.015815   -0.203966  -117.716075
 0.65607   -13.114996  -151.936688   -0.167444
-0.015815   -0.088511   -62.617691
 0.82804   -13.114996  -151.936688   -0.167444
-0.015815   -0.089979   -27.235363
 1.00000   -13.114996  -151.936688   -0.167444
-0.015815   -0.305168    -0.057675

 COMB DB-G2-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     6.008311    63.034750    0.522458
0.014283    0.949549   221.235937
 0.48411     6.008311    63.034750    0.522458
0.014283    0.595586   179.994031
 0.65607     6.008311    63.034750    0.522458
0.014283    0.252884   161.575914
 0.82804     6.008311    63.034750    0.522458
0.014283    0.056027   195.468326
 1.00000     6.008311    63.034750    0.522458
0.014283    0.260272   234.049304

 COMB DB-G2-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -12.811307  -156.090421   -0.306131
-0.015779   -0.583255  -221.470530
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F O R C E S

 REL DIST            P            V2           V3
    T          M2           M3
 0.48411   -12.811307  -156.090421   -0.306131
-0.015779   -0.372430  -120.115581
 0.65607   -12.811307  -156.090421   -0.306131
-0.015779   -0.161440   -63.433939
 0.82804   -12.811307  -156.090421   -0.306131
-0.015779   -0.134009   -27.172683
 1.00000   -12.811307  -156.090421   -0.306131
-0.015779   -0.492513    -0.053583

 COMB DL-G1-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     5.476148    35.818666    0.500836
0.002489    0.949437    93.326547
 0.48411     5.476148    35.818666    0.500836
0.002489    0.604283    68.712387
 0.65607     5.476148    35.818666    0.500836
0.002489    0.258842    44.149524
 0.82804     5.476148    35.818666    0.500836
0.002489    0.051416    19.815823
 1.00000     5.476148    35.818666    0.500836
0.002489    0.260658     1.332395

 COMB DL-G1-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214    -0.751032   -18.660637   -0.303757
-3.55E-05   -0.576193   -52.893792
 0.48411    -0.751032   -18.660637   -0.303757
-3.55E-05   -0.366988   -40.078567
 0.65607    -0.751032   -18.660637   -0.303757
-3.55E-05   -0.157942   -27.320793
 0.82804    -0.751032   -18.660637   -0.303757
-3.55E-05   -0.084309   -14.880029
 1.00000    -0.751032   -18.660637   -0.303757
-3.55E-05   -0.429368    -7.871486

 COMB DL-G1-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     7.447632    61.790776    0.777870
0.014477    1.432786   223.693655
 0.48411     7.447632    61.790776    0.777870
0.014477    0.902546   184.061304
 0.65607     7.447632    61.790776    0.777870
0.014477    0.379607   165.798551
 0.82804     7.447632    61.790776    0.777870
0.014477    0.077108   189.200533
 1.00000     7.447632    61.790776    0.777870
0.014477    0.355505   214.552032

 COMB DL-G1-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214    -5.345643  -109.010964   -0.417404
-0.011827   -0.794848  -133.583254
 0.48411    -5.345643  -109.010964   -0.417404
-0.011827   -0.507493   -61.062646
 0.65607    -5.345643  -109.010964   -0.417404
-0.011827   -0.220399   -26.063448
 0.82804    -5.345643  -109.010964   -0.417404
-0.011827   -0.175054   -11.899954
 1.00000    -5.345643  -109.010964   -0.417404
-0.011827   -0.709315    -1.10E-06

 COMB DL-G1-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     7.208117    66.637973    0.854682
0.014302    1.579163   246.285838
 0.48411     7.208117    66.637973    0.854682
0.014302    0.995978   203.688586
 0.65607     7.208117    66.637973    0.854682
0.014302    0.420395   182.907188
 0.82804     7.208117    66.637973    0.854682
0.014302    0.078789   206.197065
 1.00000     7.208117    66.637973    0.854682
0.014302    0.371478   249.821162
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 COMB DL-G1-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214    -9.375596  -143.627691   -0.438194
-0.013632   -0.836165  -201.086549
 0.48411    -9.375596  -143.627691   -0.438194
-0.013632   -0.534456  -105.082497
 0.65607    -9.375596  -143.627691   -0.438194
-0.013632   -0.233050   -47.029289
 0.82804    -9.375596  -143.627691   -0.438194
-0.013632   -0.187790   -12.037951
 1.00000    -9.375596  -143.627691   -0.438194
-0.013632   -0.774376    -0.001423

 COMB DL-G2-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     0.786983    18.511142    0.217908
2.11E-05    0.416013    50.793445
 0.48411     0.786983    18.511142    0.217908
2.11E-05    0.265919    38.078427
 0.65607     0.786983    18.511142    0.217908
2.11E-05    0.116156    25.397032
 0.82804     0.786983    18.511142    0.217908
2.11E-05    0.022812    12.835132
 1.00000     0.786983    18.511142    0.217908
2.11E-05    0.095465     1.450634

 COMB DL-G2-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214    -5.554130   -35.164893   -0.107056
-0.002700   -0.199503  -104.157707
 0.48411    -5.554130   -35.164893   -0.107056
-0.002700   -0.125748   -79.980761
 0.65607    -5.554130   -35.164893   -0.107056
-0.002700   -0.052161   -55.847630
 0.82804    -5.554130   -35.164893   -0.107056
-0.002700   -0.034408   -31.817303
 1.00000    -5.554130   -35.164893   -0.107056
-0.002700   -0.183657    -8.835553

 COMB DL-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     1.511122    31.847751    0.426026
0.011711    0.772893   134.179331
 0.48411     1.511122    31.847751    0.426026
0.011711    0.485109   115.162557
 0.65607     1.511122    31.847751    0.426026
0.011711    0.205255   117.504560
 0.82804     1.511122    31.847751    0.426026
0.011711    0.037624   161.454408
 1.00000     1.511122    31.847751    0.426026
0.011711    0.146615   213.654594

 COMB DL-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -11.421990  -137.614131   -0.171011
-0.015050   -0.325062  -205.882388
 0.48411   -11.421990  -137.614131   -0.171011
-0.015050   -0.207323  -113.651522
 0.65607   -11.421990  -137.614131   -0.171011
-0.015050   -0.089874   -58.916172
 0.82804   -11.421990  -137.614131   -0.171011
-0.015050   -0.109596   -24.952390
 1.00000   -11.421990  -137.614131   -0.171011
-0.015050   -0.400651    -0.069640

 COMB DL-G2-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     5.454381    67.419598    0.739839
0.013090    1.360245   263.148902
 0.48411     5.454381    67.419598    0.739839
0.013090    0.856322   220.231885
 0.65607     5.454381    67.419598    0.739839
0.013090    0.360048   198.848824
 0.82804     5.454381    67.419598    0.739839
0.013090    0.068108   219.419397
 1.00000     5.454381    67.419598    0.739839
0.013090    0.305926   249.368014
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 COMB DL-G2-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -11.176433  -142.825431   -0.358541
-0.014708   -0.682439  -214.203626
 0.48411   -11.176433  -142.825431   -0.358541
-0.014708   -0.435565  -119.020702
 0.65607   -11.176433  -142.825431   -0.358541
-0.014708   -0.189004   -61.525791
 0.82804   -11.176433  -142.825431   -0.358541
-0.014708   -0.170279   -25.264707
 1.00000   -11.176433  -142.825431   -0.358541
-0.014708   -0.676952    -0.064784

 COMB       DB -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     8.472115    64.970127    0.582161
0.015460    1.062813   221.235937
 0.48411     8.472115    64.970127    0.582161
0.015460    0.667597   179.994031
 0.65607     8.472115    64.970127    0.582161
0.015460    0.283688   161.575914
 0.82804     8.472115    64.970127    0.582161
0.015460    0.061128   195.468326
 1.00000     8.472115    64.970127    0.582161
0.015460    0.297747   234.704452

 COMB       DB -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -13.114996  -156.090421   -0.351969
-0.015815   -0.672054  -221.470530
 0.48411   -13.114996  -156.090421   -0.351969
-0.015815   -0.429675  -120.115581
 0.65607   -13.114996  -156.090421   -0.351969
-0.015815   -0.187137   -63.433939
 0.82804   -13.114996  -156.090421   -0.351969
-0.015815   -0.142904   -31.715154
 1.00000   -13.114996  -156.090421   -0.351969
-0.015815   -0.543265    -7.122520

 COMB       DL -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     7.447632    67.419598    0.854682
0.014477    1.579163   263.148902
 0.48411     7.447632    67.419598    0.854682
0.014477    0.995978   220.231885
 0.65607     7.447632    67.419598    0.854682
0.014477    0.420395   198.848824
 0.82804     7.447632    67.419598    0.854682
0.014477    0.078789   219.419397
 1.00000     7.447632    67.419598    0.854682
0.014477    0.371478   249.821162

 COMB       DL -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -11.421990  -143.627691   -0.438194
-0.015050   -0.836165  -214.203626
 0.48411   -11.421990  -143.627691   -0.438194
-0.015050   -0.534456  -119.020702
 0.65607   -11.421990  -143.627691   -0.438194
-0.015050   -0.233050   -61.525791
 0.82804   -11.421990  -143.627691   -0.438194
-0.015050   -0.187790   -31.817303
 1.00000   -11.421990  -143.627691   -0.438194
-0.015050   -0.774376    -8.835553

 COMB       CAR -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     8.472115    67.419598    0.854682
0.015460    1.579163   263.148902
 0.48411     8.472115    67.419598    0.854682
0.015460    0.995978   220.231885
 0.65607     8.472115    67.419598    0.854682
0.015460    0.420395   198.848824
 0.82804     8.472115    67.419598    0.854682
0.015460    0.078789   219.419397
 1.00000     8.472115    67.419598    0.854682
0.015460    0.371478   249.821162
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 COMB       CAR -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -13.114996  -156.090421   -0.438194
-0.015815   -0.836165  -221.470530
 0.48411   -13.114996  -156.090421   -0.438194
-0.015815   -0.534456  -120.115581
 0.65607   -13.114996  -156.090421   -0.438194
-0.015815   -0.233050   -63.433939
 0.82804   -13.114996  -156.090421   -0.438194
-0.015815   -0.187790   -31.817303
 1.00000   -13.114996  -156.090421   -0.438194
-0.015815   -0.774376    -8.835553

 COMB    DESIGN -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214     8.472115    67.419598    0.854682
0.015460    1.579163   263.148902
 0.48411     8.472115    67.419598    0.854682
0.015460    0.995978   220.231885
 0.65607     8.472115    67.419598    0.854682
0.015460    0.420395   198.848824
 0.82804     8.472115    67.419598    0.854682
0.015460    0.078789   219.419397
 1.00000     8.472115    67.419598    0.854682
0.015460    0.371478   249.821162

 COMB    DESIGN -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.31214   -13.114996  -156.090421   -0.438194
-0.015815   -0.836165  -221.470530
 0.48411   -13.114996  -156.090421   -0.438194
-0.015815   -0.534456  -120.115581
 0.65607   -13.114996  -156.090421   -0.438194
-0.015815   -0.233050   -63.433939
 0.82804   -13.114996  -156.090421   -0.438194
-0.015815   -0.187790   -31.817303
 1.00000   -13.114996  -156.090421   -0.438194
-0.015815   -0.774376    -8.835553

ELEM       118 ================== LENGTH =
4.004594

 COMB DB-G1-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     6.255899    36.241621    0.311958
0.002335    0.263407    0.964143
 0.17196     6.255899    36.241621    0.311958
0.002335    0.050005    8.965415
 0.34393     6.255899    36.241621    0.311958
0.002335    0.122053   18.272605
 0.51589     6.255899    36.241621    0.311958
0.002335    0.284212   27.628661
 0.68786     6.255899    36.241621    0.311958
0.002335    0.446359   37.001193

 COMB DB-G1-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -0.740339   -13.624619   -0.235457
-2.45E-05   -0.202274    -5.631315
 0.17196    -0.740339   -13.624619   -0.235457
-2.45E-05   -0.040111   -30.464578
 0.34393    -0.740339   -13.624619   -0.235457
-2.45E-05   -0.166428   -55.332492
 0.51589    -0.740339   -13.624619   -0.235457
-2.45E-05   -0.381198   -80.241036
 0.68786    -0.740339   -13.624619   -0.235457
-2.45E-05   -0.596010  -105.188272

 COMB DB-G1-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    12.797105   152.329111    0.484943
0.015717    0.413085   206.703373
 0.17196    12.797105   152.329111    0.484943
0.015717    0.082429   139.988811
 0.34393    12.797105   152.329111    0.484943
0.015717    0.161002    82.034759
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 REL DIST            P            V2           V3
    T          M2           M3
 0.51589    12.797105   152.329111    0.484943
0.015717    0.376353    75.590620
 0.68786    12.797105   152.329111    0.484943
0.015717    0.591630    91.141933

 COMB DB-G1-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -1.476431   -25.611663   -0.312620
-0.012838   -0.300047    -1.87E-06
 0.17196    -1.476431   -25.611663   -0.312620
-0.012838   -0.091830   -25.813814
 0.34393    -1.476431   -25.611663   -0.312620
-0.012838   -0.266278   -61.383255
 0.51589    -1.476431   -25.611663   -0.312620
-0.012838   -0.599299  -116.919942
 0.68786    -1.476431   -25.611663   -0.312620
-0.012838   -0.933192  -216.257001

 COMB DB-G1-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    12.515376   156.303592    0.540792
0.015687    0.461866   234.410417
 0.17196    12.515376   156.303592    0.540792
0.015687    0.092682   193.171118
 0.34393    12.515376   156.303592    0.540792
0.015687    0.180166   159.113098
 0.51589    12.515376   156.303592    0.540792
0.015687    0.430578   177.705297
 0.68786    12.515376   156.303592    0.540792
0.015687    0.681044   218.841716

 COMB DB-G1-3 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -6.198616   -62.858862   -0.364113
-0.014490   -0.353306    -0.001608
 0.17196    -6.198616   -62.858862   -0.364113
-0.014490   -0.110578   -25.248659
 0.34393    -6.198616   -62.858862   -0.364113
-0.014490   -0.294560   -61.533097
 0.51589    -6.198616   -62.858862   -0.364113
-0.014490   -0.666098  -118.542243
 0.68786    -6.198616   -62.858862   -0.364113
-0.014490   -1.038444  -220.389316

 COMB DB-G2-1 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.749550    13.595141    0.173018
3.60E-05    0.149823    1.076693
 0.17196     0.749550    13.595141    0.173018
3.60E-05    0.030641   18.544100
 0.34393     0.749550    13.595141    0.173018
3.60E-05    0.064276   43.599495
 0.51589     0.749550    13.595141    0.173018
3.60E-05    0.155018   68.759119
 0.68786     0.749550    13.595141    0.173018
3.60E-05    0.245761   93.944069

 COMB DB-G2-1 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -6.435297   -36.582848   -0.131862
-0.002486   -0.117689    -7.109860
 0.17196    -6.435297   -36.582848   -0.131862
-0.002486   -0.026949    -9.241719
 0.34393    -6.435297   -36.582848   -0.131862
-0.002486   -0.088472   -18.226637
 0.51589    -6.435297   -36.582848   -0.131862
-0.002486   -0.207625   -27.541035
 0.68786    -6.435297   -36.582848   -0.131862
-0.002486   -0.326774   -36.894358

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     5.806436   115.749081    0.301431
0.012847    0.263991   204.985035
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 REL DIST            P            V2           V3
    T          M2           M3
 0.17196     5.806436   115.749081    0.301431
0.012847    0.058327   172.481097
 0.34393     5.806436   115.749081    0.301431
0.012847    0.086388   140.120533
 0.51589     5.806436   115.749081    0.301431
0.012847    0.212703   159.224759
 0.68786     5.806436   115.749081    0.301431
0.012847    0.339169   200.324767

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    -8.727754   -62.693361   -0.183619
-0.015690   -0.197197    -0.052419
 0.17196    -8.727754   -62.693361   -0.183619
-0.015690   -0.078600    -8.191706
 0.34393    -8.727754   -62.693361   -0.183619
-0.015690   -0.162534   -18.520100
 0.51589    -8.727754   -62.693361   -0.183619
-0.015690   -0.369196   -48.846241
 0.68786    -8.727754   -62.693361   -0.183619
-0.015690   -0.576740  -122.985495

 COMB DB-G2-3 -------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    10.439999   154.473806    0.494834
0.014765    0.423694   233.744966
 0.17196    10.439999   154.473806    0.494834
0.014765    0.084939   180.221169
 0.34393    10.439999   154.473806    0.494834
0.014765    0.158436   146.925579
 0.51589    10.439999   154.473806    0.494834
0.014765    0.380276   166.649789
 0.68786    10.439999   154.473806    0.494834
0.014765    0.602157   208.951600
```

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.325406	-64.722322	-0.322207
-0.015775	-0.316652	-0.049161	
0.17196	-8.325406	-64.722322	-0.322207
-0.015775	-0.102652	-8.358650	
0.34393	-8.325406	-64.722322	-0.322207
-0.015775	-0.269455	-43.493570	
0.51589	-8.325406	-64.722322	-0.322207
-0.015775	-0.609287	-99.398925	
0.68786	-8.325406	-64.722322	-0.322207
-0.015775	-0.950017	-200.083999	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.442130	35.333578	0.481074
0.002613	0.407259	1.338019	
0.17196	5.442130	35.333578	0.481074
0.002613	0.076914	11.698397	
0.34393	5.442130	35.333578	0.481074
0.002613	0.159529	24.350216	
0.51589	5.442130	35.333578	0.481074
0.002613	0.371007	37.099468	
0.68786	5.442130	35.333578	0.481074
0.002613	0.582612	49.878710	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.756046	-18.597840	-0.307229
-2.53E-05	-0.263782	-7.850763	
0.17196	-0.756046	-18.597840	-0.307229
-2.53E-05	-0.052178	-30.176512	
0.34393	-0.756046	-18.597840	-0.307229
-2.53E-05	-0.253407	-54.345683	
0.51589	-0.756046	-18.597840	-0.307229
-2.53E-05	-0.585238	-78.607927	
0.68786	-0.756046	-18.597840	-0.307229
-2.53E-05	-0.916764	-102.909677	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.119766	137.925232	0.731625
0.014983	0.620521	214.558489	
0.17196	11.119766	137.925232	0.731625
0.014983	0.119956	160.220645	
0.34393	11.119766	137.925232	0.731625
0.014983	0.214144	116.294047	
0.51589	11.119766	137.925232	0.731625
0.014983	0.500595	114.130518	
0.68786	11.119766	137.925232	0.731625
0.014983	0.787243	133.275437	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.585290	-31.928171	-0.422706
-0.011740	-0.403487	-1.08E-06	
0.17196	-1.585290	-31.928171	-0.422706
-0.011740	-0.113463	-23.275545	
0.34393	-1.585290	-31.928171	-0.422706
-0.011740	-0.400083	-57.341741	
0.51589	-1.585290	-31.928171	-0.422706
-0.011740	-0.902187	-112.553635	
0.68786	-1.585290	-31.928171	-0.422706
-0.011740	-1.404596	-205.098729	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.887417	142.934062	0.820556
0.014642	0.694451	249.839914	
0.17196	10.887417	142.934062	0.820556
0.014642	0.133460	217.409551	
0.34393	10.887417	142.934062	0.820556
0.014642	0.221677	196.663943	
0.51589	10.887417	142.934062	0.820556
0.014642	0.527420	218.080957	
0.68786	10.887417	142.934062	0.820556
0.014642	0.833512	260.995473	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.662921	-67.314535	-0.451001
-0.013356	-0.435821	-0.001406	
0.17196	-5.662921	-67.314535	-0.451001
-0.013356	-0.127248	-23.001138	
0.34393	-5.662921	-67.314535	-0.451001
-0.013356	-0.449340	-59.123559	
0.51589	-5.662921	-67.314535	-0.451001
-0.013356	-1.012305	-116.934310	
0.68786	-5.662921	-67.314535	-0.451001
-0.013356	-1.575948	-212.300073	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.787778	18.576638	0.229852
3.55E-05	0.198422	1.446161	
0.17196	0.787778	18.576638	0.229852
3.55E-05	0.040512	18.153252	
0.34393	0.787778	18.576638	0.229852
3.55E-05	0.054655	42.346267	
0.51589	0.787778	18.576638	0.229852
3.55E-05	0.132855	66.769916	
0.68786	0.787778	18.576638	0.229852
3.55E-05	0.211014	91.300093	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.591123	-35.638028	-0.113573
-0.002791	-0.101916	-8.818327	
0.17196	-5.591123	-35.638028	-0.113573
-0.002791	-0.023819	-13.775722	
0.34393	-5.591123	-35.638028	-0.113573
-0.002791	-0.117550	-26.116677	
0.51589	-5.591123	-35.638028	-0.113573
-0.002791	-0.275703	-38.805802	
0.68786	-5.591123	-35.638028	-0.113573
-0.002791	-0.434069	-51.557903	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.239895	108.911556	0.419517
0.011763	0.361775	213.643712	
0.17196	5.239895	108.911556	0.419517
0.011763	0.075867	186.998595	
0.34393	5.239895	108.911556	0.419517
0.011763	0.081824	163.428976	
0.51589	5.239895	108.911556	0.419517
0.011763	0.203078	181.611204	
0.68786	5.239895	108.911556	0.419517
0.011763	0.324506	221.102351	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.715006	-61.458689	-0.182737
-0.015004	-0.205210	-0.063427	
0.17196	-7.715006	-61.458689	-0.182737
-0.015004	-0.080917	-10.338937	
0.34393	-7.715006	-61.458689	-0.182737
-0.015004	-0.231218	-24.434473	
0.51589	-7.715006	-61.458689	-0.182737
-0.015004	-0.517435	-59.668409	
0.68786	-7.715006	-61.458689	-0.182737
-0.015004	-0.804809	-132.235844	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.137068	143.710229	0.718670
0.013506	0.609684	249.375534	
0.17196	9.137068	143.710229	0.718670
0.013506	0.117835	204.006813	
0.34393	9.137068	143.710229	0.718670
0.013506	0.179531	180.388347	
0.51589	9.137068	143.710229	0.718670
0.013506	0.430585	201.173609	
0.68786	9.137068	143.710229	0.718670
0.013506	0.681864	243.740498	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.465897	-66.506247	-0.371310
-0.014773	-0.367391	-0.059365	
0.17196	-7.465897	-66.506247	-0.371310
-0.014773	-0.113860	-10.227702	
0.34393	-7.465897	-66.506247	-0.371310
-0.014773	-0.393638	-45.001403	
0.51589	-7.465897	-66.506247	-0.371310
-0.014773	-0.886373	-103.364204	
0.68786	-7.465897	-66.506247	-0.371310
-0.014773	-1.379932	-199.515760	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.797105	156.303592	0.540792
0.015717	0.461866	234.410417	
0.17196	12.797105	156.303592	0.540792
0.015717	0.092682	193.171118	
0.34393	12.797105	156.303592	0.540792
0.015717	0.180166	159.113098	
0.51589	12.797105	156.303592	0.540792
0.015717	0.430578	177.705297	
0.68786	12.797105	156.303592	0.540792
0.015717	0.681044	218.841716	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.727754	-64.722322	-0.364113
-0.015775	-0.353306	-7.109860	
0.17196	-8.727754	-64.722322	-0.364113
-0.015775	-0.110578	-30.464578	
0.34393	-8.727754	-64.722322	-0.364113
-0.015775	-0.294560	-61.533097	
0.51589	-8.727754	-64.722322	-0.364113
-0.015775	-0.666098	-118.542243	
0.68786	-8.727754	-64.722322	-0.364113
-0.015775	-1.038444	-220.389316	

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.119766	143.710229	0.820556
0.014983	0.694451	249.839914	
0.17196	11.119766	143.710229	0.820556
0.014983	0.133460	217.409551	
0.34393	11.119766	143.710229	0.820556
0.014983	0.221677	196.663943	
0.51589	11.119766	143.710229	0.820556
0.014983	0.527420	218.080957	
0.68786	11.119766	143.710229	0.820556
0.014983	0.833512	260.995473	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.715006	-67.314535	-0.451001
-0.015004	-0.435821	-8.818327	
0.17196	-7.715006	-67.314535	-0.451001
-0.015004	-0.127248	-30.176512	
0.34393	-7.715006	-67.314535	-0.451001
-0.015004	-0.449340	-59.123559	
0.51589	-7.715006	-67.314535	-0.451001
-0.015004	-1.012305	-116.934310	
0.68786	-7.715006	-67.314535	-0.451001
-0.015004	-1.575948	-212.300073	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.797105	156.303592	0.820556
0.015717	0.694451	249.839914	
0.17196	12.797105	156.303592	0.820556
0.015717	0.133460	217.409551	
0.34393	12.797105	156.303592	0.820556
0.015717	0.221677	196.663943	
0.51589	12.797105	156.303592	0.820556
0.015717	0.527420	218.080957	
0.68786	12.797105	156.303592	0.820556
0.015717	0.833512	260.995473	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.727754	-67.314535	-0.451001
-0.015775	-0.435821	-8.818327	
0.17196	-8.727754	-67.314535	-0.451001
-0.015775	-0.127248	-30.464578	
0.34393	-8.727754	-67.314535	-0.451001
-0.015775	-0.449340	-61.533097	
0.51589	-8.727754	-67.314535	-0.451001
-0.015775	-1.012305	-118.542243	
0.68786	-8.727754	-67.314535	-0.451001
-0.015775	-1.575948	-220.389316	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.797105	156.303592	0.820556
0.015717	0.694451	249.839914	
0.17196	12.797105	156.303592	0.820556
0.015717	0.133460	217.409551	
0.34393	12.797105	156.303592	0.820556
0.015717	0.221677	196.663943	
0.51589	12.797105	156.303592	0.820556
0.015717	0.527420	218.080957	
0.68786	12.797105	156.303592	0.820556
0.015717	0.833512	260.995473	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.727754	-67.314535	-0.451001
-0.015775	-0.435821	-8.818327	
0.17196	-8.727754	-67.314535	-0.451001
-0.015775	-0.127248	-30.464578	
0.34393	-8.727754	-67.314535	-0.451001
-0.015775	-0.449340	-61.533097	
0.51589	-8.727754	-67.314535	-0.451001
-0.015775	-1.012305	-118.542243	
0.68786	-8.727754	-67.314535	-0.451001
-0.015775	-1.575948	-220.389316	

FRAME ELEMENT INTERNAL FORCES

ELEM 119 ========== LENGTH = 4.005013

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.437409	43.809486	0.273180
0.001864	0.513759	115.398199	
0.48408	6.437409	43.809486	0.273180
0.001864	0.325650	85.233057	
0.65605	6.437409	43.809486	0.273180
0.001864	0.137587	55.109070	
0.82803	6.437409	43.809486	0.273180
0.001864	0.034720	25.094928	
1.00000	6.437409	43.809486	0.273180
0.001864	0.177472	0.968593	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.557571	-7.964771	-0.207221
-0.000237	-0.393426	-21.976371	
0.48408	-0.557571	-7.964771	-0.207221
-0.000237	-0.250701	-16.496066	
0.65605	-0.557571	-7.964771	-0.207221
-0.000237	-0.107971	-11.050041	
0.82803	-0.557571	-7.964771	-0.207221
-0.000237	-0.050838	-5.891029	
1.00000	-0.557571	-7.964771	-0.207221
-0.000237	-0.238900	-5.447339	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.690466	71.369972	0.435324
0.014904	0.778554	227.994662	
0.48408	8.690466	71.369972	0.435324
0.014904	0.481242	180.854416	
0.65605	8.690466	71.369972	0.435324
0.014904	0.200565	155.358900	
0.82803	8.690466	71.369972	0.435324
0.014904	0.051987	181.789261	
1.00000	8.690466	71.369972	0.435324
0.014904	0.229294	208.456853	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-5.625693	-109.013724	-0.270861
-0.013054	-0.516905	-104.790033	
0.48408	-5.625693	-109.013724	-0.270861
-0.013054	-0.330364	-36.170969	
0.65605	-5.625693	-109.013724	-0.270861
-0.013054	-0.143768	-10.825736	
0.82803	-5.625693	-109.013724	-0.270861
-0.013054	-0.122675	-5.058171	
1.00000	-5.625693	-109.013724	-0.270861
-0.013054	-0.421609	.000000	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.193015	68.942930	0.516116
0.015335	0.932533	223.666480	
0.48408	8.193015	68.942930	0.516116
0.015335	0.579631	178.324343	
0.65605	8.193015	68.942930	0.516116
0.015335	0.243638	155.168387	
0.82803	8.193015	68.942930	0.516116
0.015335	0.061300	185.480762	
1.00000	8.193015	68.942930	0.516116
0.015335	0.289322	236.273786	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-10.457196	-152.225334	-0.344861
-0.014746	-0.660739	-194.579657	
0.48408	-10.457196	-152.225334	-0.344861
-0.014746	-0.423231	-96.349108	
0.65605	-10.457196	-152.225334	-0.344861
-0.014746	-0.185666	-42.340284	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.82803	-10.457196	-152.225334	-0.344861
-0.014746	-0.135491	-8.330485	
1.00000	-10.457196	-152.225334	-0.344861
-0.014746	-0.490184	.000000	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.567388	7.823037	0.199130
0.000152	0.379497	22.119886	
0.48408	0.567388	7.823037	0.199130
0.000152	0.242351	16.735969	
0.65605	0.567388	7.823037	0.199130
0.000152	0.105217	11.372962	
0.82803	0.567388	7.823037	0.199130
0.000152	0.026073	6.068787	
1.00000	0.567388	7.823037	0.199130
0.000152	0.133662	1.069805	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.553849	-42.964385	-0.156272
-0.001959	-0.296867	-125.655998	
0.48408	-6.553849	-42.964385	-0.156272
-0.001959	-0.189225	-96.074705	
0.65605	-6.553849	-42.964385	-0.156272
-0.001959	-0.081595	-66.531236	
0.82803	-6.553849	-42.964385	-0.156272
-0.001959	-0.032005	-37.020097	
1.00000	-6.553849	-42.964385	-0.156272
-0.001959	-0.169133	-7.636749	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.247538	18.937015	0.334487
0.013096	0.597559	74.962232	
0.48408	1.247538	18.937015	0.334487
0.013096	0.369699	63.941354	
0.65605	1.247538	18.937015	0.334487
0.013096	0.158102	74.563970	
0.82803	1.247538	18.937015	0.334487
0.013096	0.039989	137.125067	
1.00000	1.247538	18.937015	0.334487
0.013096	0.174449	205.981935	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.191771	-159.995099	-0.208971
-0.015269	-0.401244	-238.206423	
0.48408	-13.191771	-159.995099	-0.208971
-0.015269	-0.257330	-134.471793	
0.65605	-13.191771	-159.995099	-0.208971
-0.015269	-0.113364	-74.001143	
0.82803	-13.191771	-159.995099	-0.208971
-0.015269	-0.094317	-33.071360	
1.00000	-13.191771	-159.995099	-0.208971
-0.015269	-0.324510	-0.040389	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	5.969770	61.142516	0.494264
0.014320	0.891879	217.761826	
0.48408	5.969770	61.142516	0.494264
0.014320	0.554117	177.719822	
0.65605	5.969770	61.142516	0.494264
0.014320	0.233392	159.797883	
0.82803	5.969770	61.142516	0.494264
0.014320	0.058702	195.053630	
1.00000	5.969770	61.142516	0.494264
0.014320	0.271221	235.355558	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.753484	-159.811630	-0.322451
-0.015289	-0.617154	-232.275354	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.48408	-12.753484	-159.811630	-0.322451
-0.015289	-0.395096	-128.888088	
0.65605	-12.753484	-159.811630	-0.322451
-0.015289	-0.172957	-69.806453	
0.82803	-12.753484	-159.811630	-0.322451
-0.015289	-0.132280	-30.942489	
1.00000	-12.753484	-159.811630	-0.322451
-0.015289	-0.471227	-0.037775	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	6.055924	45.718571	0.410636
0.001864	0.774451	120.144696	
0.48408	6.055924	45.718571	0.410636
0.001864	0.491644	88.696554	
0.65605	6.055924	45.718571	0.410636
0.001864	0.208986	57.313176	
0.82803	6.055924	45.718571	0.410636
0.001864	0.044975	26.239299	
1.00000	6.055924	45.718571	0.410636
0.001864	0.228494	1.333144	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.484104	-10.019854	-0.266509
-0.000225	-0.505837	-28.166663	
0.48408	-0.484104	-10.019854	-0.266509
-0.000225	-0.322278	-21.307276	
0.65605	-0.484104	-10.019854	-0.266509
-0.000225	-0.138795	-14.511879	
0.82803	-0.484104	-10.019854	-0.266509
-0.000225	-0.072853	-8.026910	
1.00000	-0.484104	-10.019854	-0.266509
-0.000225	-0.355656	-7.420971	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.176498	73.393329	0.622157
0.013780	1.130790	258.503790	
0.48408	8.176498	73.393329	0.622157
0.013780	0.705215	210.903994	
0.65605	8.176498	73.393329	0.622157
0.013780	0.292603	184.274976	
0.82803	8.176498	73.393329	0.622157
0.013780	0.067082	199.601855	
1.00000	8.176498	73.393329	0.622157
0.013780	0.298059	215.691046	

COMB DL-G1-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-4.928193	-98.847330	-0.349188
-0.011981	-0.666637	-106.824046	
0.48408	-4.928193	-98.847330	-0.349188
-0.011981	-0.426210	-41.365516	
0.65605	-4.928193	-98.847330	-0.349188
-0.011981	-0.187245	-13.569984	
0.82803	-4.928193	-98.847330	-0.349188
-0.011981	-0.155716	-6.253691	
1.00000	-4.928193	-98.847330	-0.349188
-0.011981	-0.582677	.000000	

COMB DL-G1-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	7.697036	72.015835	0.729510
0.013841	1.336351	260.492489	
0.48408	7.697036	72.015835	0.729510
0.013841	0.836938	214.254931	
0.65605	7.697036	72.015835	0.729510
0.013841	0.350304	189.463412	
0.82803	7.697036	72.015835	0.729510
0.013841	0.074940	208.929187	
1.00000	7.697036	72.015835	0.729510
0.013841	0.350332	250.710041	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-9.280361	-140.164414	-0.413198
-0.013430	-0.791159	-190.055853	
0.48408	-9.280361	-140.164414	-0.413198
-0.013430	-0.506716	-96.524154	
0.65605	-9.280361	-140.164414	-0.413198
-0.013430	-0.223190	-41.095509	
0.82803	-9.280361	-140.164414	-0.413198
-0.013430	-0.173082	-8.309336	
1.00000	-9.280361	-140.164414	-0.413198
-0.013430	-0.673223	.000000	

COMB DL-G2-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.493477	9.914393	0.256404
0.000152	0.488821	27.939302	
0.48408	0.493477	9.914393	0.256404
0.000152	0.312321	21.165636	
0.65605	0.493477	9.914393	0.256404
0.000152	0.135923	14.409665	
0.82803	0.493477	9.914393	0.256404
0.000152	0.031608	7.709232	
1.00000	0.493477	9.914393	0.256404
0.000152	0.146899	1.433813	

COMB DL-G2-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.167890	-44.908152	-0.167469
-0.002002	-0.313942	-132.555393	
0.48408	-6.167890	-44.908152	-0.167469
-0.002002	-0.198561	-101.680490	
0.65605	-6.167890	-44.908152	-0.167469
-0.002002	-0.083486	-70.835371	
0.82803	-6.167890	-44.908152	-0.167469
-0.002002	-0.041187	-40.035780	
1.00000	-6.167890	-44.908152	-0.167469
-0.002002	-0.217756	-9.557601	

COMB DL-G2-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.215673	21.871578	0.425859
0.011961	0.771942	106.070358	
0.48408	1.215673	21.871578	0.425859
0.011961	0.481444	93.923183	
0.65605	1.215673	21.871578	0.425859
0.011961	0.203929	102.765845	
0.82803	1.215673	21.871578	0.425859
0.011961	0.045706	153.648987	
1.00000	1.215673	21.871578	0.425859
0.011961	0.189855	213.400426	

COMB DL-G2-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.013335	-148.939232	-0.221890
-0.014242	-0.423938	-236.338664	
0.48408	-12.013335	-148.939232	-0.221890
-0.014242	-0.270711	-136.341677	
0.65605	-12.013335	-148.939232	-0.221890
-0.014242	-0.119452	-74.035355	
0.82803	-12.013335	-148.939232	-0.221890
-0.014242	-0.111171	-32.249209	
1.00000	-12.013335	-148.939232	-0.221890
-0.014242	-0.402780	-0.047864	

COMB DL-G2-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	5.545098	64.231225	0.667011
0.012889	1.218317	257.579821	
0.48408	5.545098	64.231225	0.667011
0.012889	0.761617	216.402983	
0.65605	5.545098	64.231225	0.667011
0.012889	0.318311	196.322986	
0.82803	5.545098	64.231225	0.667011
0.012889	0.070800	218.594458	
1.00000	5.545098	64.231225	0.667011
0.012889	0.317711	249.699775	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-11.503269	-147.860605	-0.372160
-0.013982	-0.710163	-230.897357	
0.48408	-11.503269	-147.860605	-0.372160
-0.013982	-0.453470	-131.832830	
0.65605	-11.503269	-147.860605	-0.372160
-0.013982	-0.198866	-70.582701	
0.82803	-11.503269	-147.860605	-0.372160
-0.013982	-0.163054	-30.267788	
1.00000	-11.503269	-147.860605	-0.372160
-0.013982	-0.620100	-0.044622	

COMB DB ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.690466	71.369972	0.516116
0.015335	0.932533	227.994662	
0.48408	8.690466	71.369972	0.516116
0.015335	0.579631	180.854416	
0.65605	8.690466	71.369972	0.516116
0.015335	0.243638	159.797883	
0.82803	8.690466	71.369972	0.516116
0.015335	0.061300	195.053630	
1.00000	8.690466	71.369972	0.516116
0.015335	0.289322	236.273786	

COMB DB ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.191771	-159.995099	-0.344861
-0.015289	-0.660739	-238.206423	
0.48408	-13.191771	-159.995099	-0.344861
-0.015289	-0.423231	-134.471793	
0.65605	-13.191771	-159.995099	-0.344861
-0.015289	-0.185666	-74.001143	
0.82803	-13.191771	-159.995099	-0.344861
-0.015289	-0.135491	-37.020097	
1.00000	-13.191771	-159.995099	-0.344861
-0.015289	-0.490184	-7.636749	

COMB DL ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.176498	73.393329	0.729510
0.013841	1.336351	260.492489	
0.48408	8.176498	73.393329	0.729510
0.013841	0.836938	216.402983	
0.65605	8.176498	73.393329	0.729510
0.013841	0.350304	196.322986	
0.82803	8.176498	73.393329	0.729510
0.013841	0.074940	218.594458	
1.00000	8.176498	73.393329	0.729510
0.013841	0.350332	250.710041	

COMB DL ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.013335	-148.939232	-0.413198
-0.014242	-0.791159	-236.338664	
0.48408	-12.013335	-148.939232	-0.413198
-0.014242	-0.506716	-136.341677	
0.65605	-12.013335	-148.939232	-0.413198
-0.014242	-0.223190	-74.035355	
0.82803	-12.013335	-148.939232	-0.413198
-0.014242	-0.173082	-40.035780	
1.00000	-12.013335	-148.939232	-0.413198
-0.014242	-0.673223	-9.557601	

COMB CAR ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.690466	73.393329	0.729510
0.015335	1.336351	260.492489	
0.48408	8.690466	73.393329	0.729510
0.015335	0.836938	216.402983	
0.65605	8.690466	73.393329	0.729510
0.015335	0.350304	196.322986	
0.82803	8.690466	73.393329	0.729510
0.015335	0.074940	218.594458	
1.00000	8.690466	73.393329	0.729510
0.015335	0.350332	250.710041	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.191771	-159.995099	-0.413198
-0.015289	-0.791159	-238.206423	
0.48408	-13.191771	-159.995099	-0.413198
-0.015289	-0.506716	-136.341677	
0.65605	-13.191771	-159.995099	-0.413198
-0.015289	-0.223190	-74.035355	
0.82803	-13.191771	-159.995099	-0.413198
-0.015289	-0.173082	-40.035780	
1.00000	-13.191771	-159.995099	-0.413198
-0.015289	-0.673223	-9.557601	

COMB DESIGN ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.690466	73.393329	0.729510
0.015335	1.336351	260.492489	
0.48408	8.690466	73.393329	0.729510
0.015335	0.836938	216.402983	
0.65605	8.690466	73.393329	0.729510
0.015335	0.350304	196.322986	
0.82803	8.690466	73.393329	0.729510
0.015335	0.074940	218.594458	
1.00000	8.690466	73.393329	0.729510
0.015335	0.350332	250.710041	

COMB DESIGN ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.191771	-159.995099	-0.413198
-0.015289	-0.791159	-238.206423	
0.48408	-13.191771	-159.995099	-0.413198
-0.015289	-0.506716	-136.341677	
0.65605	-13.191771	-159.995099	-0.413198
-0.015289	-0.223190	-74.035355	
0.82803	-13.191771	-159.995099	-0.413198
-0.015289	-0.173082	-40.035780	
1.00000	-13.191771	-159.995099	-0.413198
-0.015289	-0.673223	-9.557601	

ELEM 120 ========== LENGTH = 4.004982

COMB DB-G1-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.386296	43.270761	0.252696
0.001907	0.217658	0.972170	
0.17197	6.386296	43.270761	0.252696
0.001907	0.046997	5.365814	
0.34394	6.386296	43.270761	0.252696
0.001907	0.108094	10.723675	
0.51592	6.386296	43.270761	0.252696
0.001907	0.250441	16.137945	
0.68789	6.386296	43.270761	0.252696
0.001907	0.392785	21.568159	

COMB DB-G1-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.568586	-7.889184	-0.206676
-2.14E-05	-0.176640	-5.412820	
0.17197	-0.568586	-7.889184	-0.206676
-2.14E-05	-0.034296	-35.121470	
0.34394	-0.568586	-7.889184	-0.206676
-2.14E-05	-0.132182	-64.838374	
0.51592	-0.568586	-7.889184	-0.206676
-2.14E-05	-0.306051	-94.591544	
0.68789	-0.568586	-7.889184	-0.206676
-2.14E-05	-0.480038	-124.383108	

COMB DB-G1-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.055032	160.645840	0.385632
0.015174	0.334697	208.145569	
0.17197	13.055032	160.645840	0.385632
0.015174	0.074538	135.874265	
0.34394	13.055032	160.645840	0.385632
0.015174	0.137821	73.158238	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.51592	13.055032	160.645840	0.385632
0.015174	0.322355	62.751377	
0.68789	13.055032	160.645840	0.385632
0.015174	0.506887	73.633356	

COMB DB-G1-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.233504	-18.820420	-0.272667
-0.013077	-0.273404	.000000	
0.17197	-1.233504	-18.820420	-0.272667
-0.013077	-0.085537	-30.908604	
0.34394	-1.233504	-18.820420	-0.272667
-0.013077	-0.213680	-72.128414	
0.51592	-1.233504	-18.820420	-0.272667
-0.013077	-0.476094	-133.254229	
0.68789	-1.233504	-18.820420	-0.272667
-0.013077	-0.741688	-237.905954	

COMB DB-G1-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.653953	160.324987	0.470137
0.015200	0.406823	235.966972	
0.17197	12.653953	160.324987	0.470137
0.015200	0.087764	192.381430	
0.34394	12.653953	160.324987	0.470137
0.015200	0.176179	156.869621	
0.51592	12.653953	160.324987	0.470137
0.015200	0.419778	174.805327	
0.68789	12.653953	160.324987	0.470137
0.015200	0.663543	214.494286	

COMB DB-G1-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.017790	-60.717439	-0.358776
-0.014451	-0.355038	.000000	
0.17197	-6.017790	-60.717439	-0.358776
-0.014451	-0.109296	-28.579519	
0.34394	-6.017790	-60.717439	-0.358776
-0.014451	-0.258305	-67.556380	
0.51592	-6.017790	-60.717439	-0.358776
-0.014451	-0.578878	-127.211263	
0.68789	-6.017790	-60.717439	-0.358776
-0.014451	-0.902673	-231.421129	

COMB DB-G2-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.557190	7.899239	0.201190
0.000161	0.171914	1.067669	
0.17197	0.557190	7.899239	0.201190
0.000161	0.033313	22.833706	
0.34394	0.557190	7.899239	0.201190
0.000161	0.086656	52.630853	
0.51592	0.557190	7.899239	0.201190
0.000161	0.207096	82.538460	
0.68789	0.557190	7.899239	0.201190
0.000161	0.327537	112.492429	

COMB DB-G2-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.603664	-43.504335	-0.174873
-0.002050	-0.154573	-7.619252	
0.17197	-6.603664	-43.504335	-0.174873
-0.002050	-0.034546	-5.187243	
0.34394	-6.603664	-43.504335	-0.174873
-0.002050	-0.105219	-10.274251	
0.51592	-6.603664	-43.504335	-0.174873
-0.002050	-0.243795	-15.668542	
0.68789	-6.603664	-43.504335	-0.174873
-0.002050	-0.382363	-21.095838	

COMB DB-G2-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.670188	109.130166	0.313424
0.012839	0.274613	205.647464	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.17197	5.670188	109.130166	0.313424
0.012839	0.058843	178.572499	
0.34394	5.670188	109.130166	0.313424
0.012839	0.109754	151.659275	
0.51592	5.670188	109.130166	0.313424
0.012839	0.267385	177.008903	
0.68789	5.670188	109.130166	0.313424
0.012839	0.425031	223.644691	

COMB DB-G2-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.856725	-70.720377	-0.233773
-0.015198	-0.248358	-0.036844	
0.17197	-8.856725	-70.720377	-0.233773
-0.015198	-0.088433	-4.127209	
0.34394	-8.856725	-70.720377	-0.233773
-0.015198	-0.173608	-9.823214	
0.51592	-8.856725	-70.720377	-0.233773
-0.015198	-0.386370	-35.464602	
0.68789	-8.856725	-70.720377	-0.233773
-0.015198	-0.602222	-104.631699	

COMB DB-G2-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.440215	152.651951	0.457750
0.014510	0.394060	235.038702	
0.17197	10.440215	152.651951	0.457750
0.014510	0.081242	182.825516	
0.34394	10.440215	152.651951	0.457750
0.014510	0.168018	151.543132	
0.51592	10.440215	152.651951	0.457750
0.014510	0.402121	174.618201	
0.68789	10.440215	152.651951	0.457750
0.014510	0.636182	219.537060	

COMB DB-G2-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.323638	-68.430921	-0.344865
-0.015541	-0.343837	-0.034748	
0.17197	-8.323638	-68.430921	-0.344865
-0.015541	-0.107211	-6.604316	
0.34394	-8.323638	-68.430921	-0.344865
-0.015541	-0.253359	-40.631462	
0.51592	-8.323638	-68.430921	-0.344865
-0.015541	-0.565462	-95.149384	
0.68789	-8.323638	-68.430921	-0.344865
-0.015541	-0.880710	-194.151544	

COMB DL-G1-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.016977	45.192500	0.396220
0.001944	0.339823	1.337728	
0.17197	6.016977	45.192500	0.396220
0.001944	0.069034	6.775857	
0.34394	6.016977	45.192500	0.396220
0.001944	0.138943	13.523763	
0.51592	6.016977	45.192500	0.396220
0.001944	0.321686	20.326336	
0.68789	6.016977	45.192500	0.396220
0.001944	0.504534	27.149968	

COMB DL-G1-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.497982	-9.973238	-0.265427
-1.91E-05	-0.226946	-7.392853	
0.17197	-0.497982	-9.973238	-0.265427
-1.91E-05	-0.044177	-37.416775	
0.34394	-0.497982	-9.973238	-0.265427
-1.91E-05	-0.205501	-68.412868	
0.51592	-0.497982	-9.973238	-0.265427
-1.91E-05	-0.478159	-99.457205	
0.68789	-0.497982	-9.973238	-0.265427
-1.91E-05	-0.750998	-130.533431	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.865579	149.534611	0.578754
0.014126	0.497646	215.694238	
0.17197	11.865579	149.534611	0.578754
0.014126	0.102960	152.598168	
0.34394	11.865579	149.534611	0.578754
0.014126	0.177605	101.528421	
0.51592	11.865579	149.534611	0.578754
0.014126	0.413852	92.700761	
0.68789	11.865579	149.534611	0.578754
0.014126	0.651306	104.793439	

COMB DL-G1-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.209676	-21.785390	-0.358723
-0.011957	-0.347772	.000000	
0.17197	-1.209676	-21.785390	-0.358723
-0.011957	-0.101455	-29.536149	
0.34394	-1.209676	-21.785390	-0.358723
-0.011957	-0.317413	-71.505942	
0.51592	-1.209676	-21.785390	-0.358723
-0.011957	-0.710675	-134.506979	
0.68789	-1.209676	-21.785390	-0.358723
-0.011957	-1.107287	-234.972417	

COMB DL-G1-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.383383	148.301407	0.691962
0.013874	0.591335	250.729520	
0.17197	11.383383	148.301407	0.691962
0.013874	0.119102	216.158310	
0.34394	11.383383	148.301407	0.691962
0.013874	0.208172	193.402720	
0.51592	11.383383	148.301407	0.691962
0.013874	0.495246	213.289404	
0.68789	11.383383	148.301407	0.691962
0.013874	0.783713	254.199507	

COMB DL-G1-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.606617	-63.859692	-0.432779
-0.013090	-0.420194	.000000	
0.17197	-5.606617	-63.859692	-0.432779
-0.013090	-0.124016	-27.343410	
0.34394	-5.606617	-63.859692	-0.432779
-0.013090	-0.380733	-67.618167	
0.51592	-5.606617	-63.859692	-0.432779
-0.013090	-0.851709	-129.427854	
0.68789	-5.606617	-63.859692	-0.432779
-0.013090	-1.326119	-228.842769	

COMB DL-G2-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.479961	9.960472	0.259555
0.000155	0.221901	1.431798	
0.17197	0.479961	9.960472	0.259555
0.000155	0.043284	23.537143	
0.34394	0.479961	9.960472	0.259555
0.000155	0.087351	54.319250	
0.51592	0.479961	9.960472	0.259555
0.000155	0.210580	85.454354	
0.68789	0.479961	9.960472	0.259555
0.000155	0.333949	116.694984	

COMB DL-G2-1 ------------------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.204516 -45.434549 -0.179104
-0.002090 -0.158495 -9.534754
0.17197 -6.204516 -45.434549 -0.179104
-0.002090 -0.035872 -7.231207
0.34394 -6.204516 -45.434549 -0.179104
-0.002090 -0.135819 -13.605499
0.51592 -6.204516 -45.434549 -0.179104
-0.002090 -0.314559 -20.340675
0.68789 -6.204516 -45.434549 -0.179104
-0.002090 -0.493281 -27.147654
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.946493 98.942601 0.405970
0.011751 0.351283 213.389042
0.17197 4.946493 98.942601 0.405970
0.011751 0.072818 196.004660
0.34394 4.946493 98.942601 0.405970
0.011751 0.109689 180.209590
0.51592 4.946493 98.942601 0.405970
0.011751 0.269948 206.534122
0.68789 4.946493 98.942601 0.405970
0.011751 0.431443 253.740028

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.334228 -72.806271 -0.248562
-0.014189 -0.263241 -0.043576
0.17197 -8.334228 -72.806271 -0.248562
-0.014189 -0.093676 -5.048112
0.34394 -8.334228 -72.806271 -0.248562
-0.014189 -0.227944 -12.283351
0.51592 -8.334228 -72.806271 -0.248562
-0.014189 -0.502130 -40.439103
0.68789 -8.334228 -72.806271 -0.248562
-0.014189 -0.779721 -106.030226

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.230230 140.540828 0.636145
0.013172 0.542700 249.710806
0.17197 9.230230 140.540828 0.636145
0.013172 0.107158 206.053748
0.34394 9.230230 140.540828 0.636145
0.013172 0.187574 185.564913
0.51592 9.230230 140.540828 0.636145
0.013172 0.449776 210.068387
0.68789 9.230230 140.540828 0.636145
0.013172 0.713354 255.989336

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.828072 -71.584168 -0.396767
-0.014193 -0.389818 -0.040851
0.17197 -7.828072 -71.584168 -0.396767
-0.014193 -0.118456 -6.516627
0.34394 -7.828072 -71.584168 -0.396767
-0.014193 -0.352480 -39.008181
0.51592 -7.828072 -71.584168 -0.396767
-0.014193 -0.785095 -94.923041
0.68789 -7.828072 -71.584168 -0.396767
-0.014193 -1.221246 -188.742460

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.055032 160.645840 0.470137
0.015200 0.406823 235.966972
0.17197 13.055032 160.645840 0.470137
0.015200 0.087764 192.381430
0.34394 13.055032 160.645840 0.470137
0.015200 0.176179 156.869621
0.51592 13.055032 160.645840 0.470137
0.015200 0.419778 177.008903
0.68789 13.055032 160.645840 0.470137
0.015200 0.663543 223.644691

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.856725 -70.720377 -0.358776
-0.015541 -0.355038 -7.619252
0.17197 -8.856725 -70.720377 -0.358776
-0.015541 -0.109296 -35.121470
0.34394 -8.856725 -70.720377 -0.358776
-0.015541 -0.258305 -72.128414
0.51592 -8.856725 -70.720377 -0.358776
-0.015541 -0.578878 -133.254229
0.68789 -8.856725 -70.720377 -0.358776
-0.015541 -0.902673 -237.905954
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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.865579 149.534611 0.691962
0.014126 0.591335 250.729520
0.17197 11.865579 149.534611 0.691962
0.014126 0.119102 216.158310
0.34394 11.865579 149.534611 0.691962
0.014126 0.208172 193.402720
0.51592 11.865579 149.534611 0.691962
0.014126 0.495246 213.289404
0.68789 11.865579 149.534611 0.691962
0.014126 0.783713 255.989336

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.334228 -72.806271 -0.432779
-0.014193 -0.420194 -9.534754
0.17197 -8.334228 -72.806271 -0.432779
-0.014193 -0.124016 -37.416775
0.34394 -8.334228 -72.806271 -0.432779
-0.014193 -0.380733 -71.505942
0.51592 -8.334228 -72.806271 -0.432779
-0.014193 -0.851709 -134.506979
0.68789 -8.334228 -72.806271 -0.432779
-0.014193 -1.326119 -234.972417

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.055032 160.645840 0.691962
0.015200 0.591335 250.729520
0.17197 13.055032 160.645840 0.691962
0.015200 0.119102 216.158310
0.34394 13.055032 160.645840 0.691962
0.015200 0.208172 193.402720
0.51592 13.055032 160.645840 0.691962
0.015200 0.495246 213.289404
0.68789 13.055032 160.645840 0.691962
0.015200 0.783713 255.989336

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.856725 -72.806271 -0.432779
-0.015541 -0.420194 -9.534754
0.17197 -8.856725 -72.806271 -0.432779
-0.015541 -0.124016 -37.416775
0.34394 -8.856725 -72.806271 -0.432779
-0.015541 -0.380733 -72.128414
0.51592 -8.856725 -72.806271 -0.432779
-0.015541 -0.851709 -134.506979
0.68789 -8.856725 -72.806271 -0.432779
-0.015541 -1.326119 -237.905954
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FRAME ELEMENT INTERNAL FORCES

ELEM 121 ========== LENGTH = 4.004449

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 5.814227 47.760903 0.202199
0.001420 0.376760 126.800595
0.48411 5.814227 47.760903 0.202199
0.001420 0.237526 93.938445
0.65608 5.814227 47.760903 0.202199
0.001420 0.098352 61.106329
0.82804 5.814227 47.760903 0.202199
0.001420 0.031121 28.366950
1.00000 5.814227 47.760903 0.202199
0.001420 0.160620 0.999781

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -0.711620 -4.390428 -0.187984
-0.000653 -0.357175 -11.936684
0.48411 -0.711620 -4.390428 -0.187984
-0.000653 -0.227727 -8.918882
0.65608 -0.711620 -4.390428 -0.187984
-0.000653 -0.098274 -5.933688
0.82804 -0.711620 -4.390428 -0.187984
-0.000653 -0.041006 -3.225912
1.00000 -0.711620 -4.390428 -0.187984
-0.000653 -0.180185 -4.901339

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 7.907333 75.817203 0.321148
0.014409 0.557948 241.941071
0.48411 7.907333 75.817203 0.321148
0.014409 0.340057 191.787876
0.65608 7.907333 75.817203 0.321148
0.014409 0.138049 162.777196
0.82804 7.907333 75.817203 0.321148
0.014409 0.048979 186.216671
1.00000 7.907333 75.817203 0.321148
0.014409 0.214493 209.863939

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -5.890398 -104.898815 -0.251757
-0.013496 -0.481162 -93.182756
0.48411 -5.890398 -104.898815 -0.251757
-0.013496 -0.307762 -27.693153
0.65608 -5.890398 -104.898815 -0.251757
-0.013496 -0.135955 -5.239811
0.82804 -5.890398 -104.898815 -0.251757
-0.013496 -0.106684 -2.409876
1.00000 -5.890398 -104.898815 -0.251757
-0.013496 -0.327300 -0.001449

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 7.575509 70.836059 0.430153
0.015082 0.766044 229.644170
0.48411 7.575509 70.836059 0.430153
0.015082 0.473163 183.045402
0.65608 7.575509 70.836059 0.430153
0.015082 0.196467 158.172736
0.82804 7.575509 70.836059 0.430153
0.015082 0.064182 188.547223
1.00000 7.575509 70.836059 0.430153
0.015082 0.304332 237.843016

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -10.337870 -150.959942 -0.360284
-0.014820 -0.690303 -190.452564
0.48411 -10.337870 -150.959942 -0.360284
-0.014820 -0.442171 -93.399498
0.65608 -10.337870 -150.959942 -0.360284
-0.014820 -0.195666 -40.326833
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.82804 -10.337870 -150.959942 -0.360284
-0.014820 -0.123531 -7.293197
1.00000 -10.337870 -150.959942 -0.360284
-0.014820 -0.419404 -0.015724

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 0.726034 4.387690 0.225072
0.000585 0.428854 12.657300
0.48411 0.726034 4.387690 0.225072
0.000585 0.273873 9.642179
0.65608 0.726034 4.387690 0.225072
0.000585 0.118900 6.645191
0.82804 0.726034 4.387690 0.225072
0.000585 0.033095 3.705941
1.00000 0.726034 4.387690 0.225072
0.000585 0.170953 1.000383

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -5.906758 -47.342099 -0.200111
-0.001459 -0.380244 -137.791575
0.48411 -5.906758 -47.342099 -0.200111
-0.001459 -0.242445 -105.203307
0.65608 -5.906758 -47.342099 -0.200111
-0.001459 -0.104647 -72.653387
0.82804 -5.906758 -47.342099 -0.200111
-0.001459 -0.036153 -40.125575
1.00000 -5.906758 -47.342099 -0.200111
-0.001459 -0.191126 -7.690173

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 1.410349 14.829943 0.341778
0.013576 0.610655 64.024512
0.48411 1.410349 14.829943 0.341778
0.013576 0.378557 55.871781
0.65608 1.410349 14.829943 0.341778
0.013576 0.162112 68.873160
0.82804 1.410349 14.829943 0.341778
0.013576 0.050321 134.346631
1.00000 1.410349 14.829943 0.341778
0.013576 0.227704 206.632799

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -12.514481 -165.162585 -0.268969
-0.014673 -0.515362 -251.781861
0.48411 -12.514481 -165.162585 -0.268969
-0.014673 -0.330129 -144.783817
0.65608 -12.514481 -165.162585 -0.268969
-0.014673 -0.146472 -80.818389
0.82804 -12.514481 -165.162585 -0.268969
-0.014673 -0.095711 -36.432516
1.00000 -12.514481 -165.162585 -0.268969
-0.014673 -0.330926 .000000

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 5.690262 59.542065 0.446733
0.014505 0.799044 214.508316
0.48411 5.690262 59.542065 0.446733
0.014505 0.494930 175.608945
0.65608 5.690262 59.542065 0.446733
0.014505 0.207090 158.324925
0.82804 5.690262 59.542065 0.446733
0.014505 0.065677 194.706575
1.00000 5.690262 59.542065 0.446733
0.014505 0.307147 236.634410

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -12.268711 -162.245683 -0.362245
-0.014997 -0.692914 -239.090738
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.48411 -12.268711 -162.245683 -0.362245
-0.014997 -0.443450 -134.345144
0.65608 -12.268711 -162.245683 -0.362245
-0.014997 -0.195601 -73.658642
0.82804 -12.268711 -162.245683 -0.362245
-0.014997 -0.126148 -33.226523
1.00000 -12.268711 -162.245683 -0.362245
-0.014997 -0.432328 .000000

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 5.388678 52.634069 0.315613
0.001313 0.592005 139.428397
0.48411 5.388678 52.634069 0.315613
0.001313 0.374819 103.230505
0.65608 5.388678 52.634069 0.315613
0.001313 0.157280 67.095588
0.82804 5.388678 52.634069 0.315613
0.001313 0.039838 31.276338
1.00000 5.388678 52.634069 0.315613
0.001313 0.203467 1.361065

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -0.655115 -5.371741 -0.237867
-0.000538 -0.451846 -14.795234
0.48411 -0.655115 -5.371741 -0.237867
-0.000538 -0.288044 -11.139865
0.65608 -0.655115 -5.371741 -0.237867
-0.000538 -0.124465 -7.542114
0.82804 -0.655115 -5.371741 -0.237867
-0.000538 -0.059948 -4.266446
1.00000 -0.655115 -5.371741 -0.237867
-0.000538 -0.278177 -6.671872

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 7.341105 81.257457 0.467767
0.013166 0.834187 281.738112
0.48411 7.341105 81.257457 0.467767
0.013166 0.514384 228.724634
0.65608 7.341105 81.257457 0.467767
0.013166 0.209659 196.375937
0.82804 7.341105 81.257457 0.467767
0.013166 0.060304 206.266090
1.00000 7.341105 81.257457 0.467767
0.013166 0.273637 216.605724

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -5.212220 -93.409007 -0.317022
-0.012294 -0.605088 -92.291539
0.48411 -5.212220 -93.409007 -0.317022
-0.012294 -0.386962 -30.550993
0.65608 -5.212220 -93.409007 -0.317022
-0.012294 -0.172978 -6.507433
0.82804 -5.212220 -93.409007 -0.317022
-0.012294 -0.133987 -2.943988
1.00000 -5.212220 -93.409007 -0.317022
-0.012294 -0.456072 .000000

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 7.052353 76.354251 0.604922
0.013482 1.096711 271.102439
0.48411 7.052353 76.354251 0.604922
0.013482 0.682519 221.946283
0.65608 7.052353 76.354251 0.604922
0.013482 0.283331 194.026273
0.82804 7.052353 76.354251 0.604922
0.013482 0.077266 211.096731
1.00000 7.052353 76.354251 0.604922
0.013482 0.373516 251.430723
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -9.181119 -139.539231 -0.437926
-0.013268 -0.837040 -186.351949
0.48411 -9.181119 -139.539231 -0.437926
-0.013268 -0.535356 -93.286947
0.65608 -9.181119 -139.539231 -0.437926
-0.013268 -0.237948 -38.385134
0.82804 -9.181119 -139.539231 -0.437926
-0.013268 -0.155384 -6.192202
1.00000 -9.181119 -139.539231 -0.437926
-0.013268 -0.571192 -0.007437

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 0.671971 5.439223 0.293868
0.000476 0.560116 15.806098
0.48411 0.671971 5.439223 0.293868
0.000476 0.357715 12.073166
0.65608 0.671971 5.439223 0.293868
0.000476 0.155439 8.360095
0.82804 0.671971 5.439223 0.293868
0.000476 0.045195 4.692346
1.00000 0.671971 5.439223 0.293868
0.000476 0.217244 1.355636

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -5.488684 -52.447345 -0.250426
-0.001390 -0.471084 -153.657075
0.48411 -5.488684 -52.447345 -0.250426
-0.001390 -0.298368 -117.556919
0.65608 -5.488684 -52.447345 -0.250426
-0.001390 -0.125862 -81.481612
0.82804 -5.488684 -52.447345 -0.250426
-0.001390 -0.047112 -45.443084
1.00000 -5.488684 -52.447345 -0.250426
-0.001390 -0.249437 -9.653449

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 1.393226 16.532318 0.433592
0.012336 0.785095 90.300368
0.48411 1.393226 16.532318 0.433592
0.012336 0.488704 81.880529
0.65608 1.393226 16.532318 0.433592
0.012336 0.207740 94.145173
0.82804 1.393226 16.532318 0.433592
0.012336 0.063035 148.718800
1.00000 1.393226 16.532318 0.433592
0.012336 0.282554 213.211169

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31215 -11.310414 -157.722474 -0.326375
-0.013451 -0.620127 -259.450190
0.48411 -11.310414 -157.722474 -0.326375
-0.013451 -0.394981 -153.453609
0.65608 -11.310414 -157.722474 -0.326375
-0.013451 -0.174166 -85.141456
0.82804 -11.310414 -157.722474 -0.326375
-0.013451 -0.112562 -37.373398
1.00000 -11.310414 -157.722474 -0.326375
-0.013451 -0.409947 .000000

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31215 5.269299 63.217213 0.598119
0.012930 1.084165 255.408423
0.48411 5.269299 63.217213 0.598119
0.012930 0.674550 214.944939
0.65608 5.269299 63.217213 0.598119
0.012930 0.280337 195.264518
0.82804 5.269299 63.217213 0.598119
0.012930 0.082125 218.182753
1.00000 5.269299 63.217213 0.598119
0.012930 0.382009 249.979139
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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	-11.009855	-152.871198	-0.443459
-0.013471	-0.843450	-245.129684	
0.48411	-11.009855	-152.871198	-0.443459
-0.013471	-0.537722	-142.621917	
0.65608	-11.009855	-152.871198	-0.443459
-0.013471	-0.236434	-77.923759	
0.82804	-11.009855	-152.871198	-0.443459
-0.013471	-0.153997	-34.151204	
1.00000	-11.009855	-152.871198	-0.443459
-0.013471	-0.564530	.000000	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	7.907333	75.817203	0.446733
0.015082	0.799044	241.941071	
0.48411	7.907333	75.817203	0.446733
0.015082	0.494930	191.787876	
0.65608	7.907333	75.817203	0.446733
0.015082	0.207090	162.777196	
0.82804	7.907333	75.817203	0.446733
0.015082	0.065672	194.706575	
1.00000	7.907333	75.817203	0.446733
0.015082	0.307147	237.843016	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	-12.514481	-165.162585	-0.362245
-0.014997	-0.692914	-251.781861	
0.48411	-12.514481	-165.162585	-0.362245
-0.014997	-0.443450	-144.783817	
0.65608	-12.514481	-165.162585	-0.362245
-0.014997	-0.195666	-80.818389	
0.82804	-12.514481	-165.162585	-0.362245
-0.014997	-0.126148	-40.125575	
1.00000	-12.514481	-165.162585	-0.362245
-0.014997	-0.432328	-7.690173	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	7.341105	81.257457	0.604922
0.013482	1.096711	281.738112	
0.48411	7.341105	81.257457	0.604922
0.013482	0.682519	228.724634	
0.65608	7.341105	81.257457	0.604922
0.013482	0.283331	196.375937	
0.82804	7.341105	81.257457	0.604922
0.013482	0.082125	218.182753	
1.00000	7.341105	81.257457	0.604922
0.013482	0.382009	251.430723	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	-11.310414	-157.722474	-0.443459
-0.013471	-0.843450	-259.450190	
0.48411	-11.310414	-157.722474	-0.443459
-0.013471	-0.537722	-153.453609	
0.65608	-11.310414	-157.722474	-0.443459
-0.013471	-0.237948	-85.141456	
0.82804	-11.310414	-157.722474	-0.443459
-0.013471	-0.155384	-45.443084	
1.00000	-11.310414	-157.722474	-0.443459
-0.013471	-0.571192	-9.653449	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	7.907333	81.257457	0.604922
0.015082	1.096711	281.738112	
0.48411	7.907333	81.257457	0.604922
0.015082	0.682519	228.724634	
0.65608	7.907333	81.257457	0.604922
0.015082	0.283331	196.375937	
0.82804	7.907333	81.257457	0.604922
0.015082	0.082125	218.182753	
1.00000	7.907333	81.257457	0.604922
0.015082	0.382009	251.430723	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	-12.514481	-165.162585	-0.443459
-0.014997	-0.843450	-259.450190	
0.48411	-12.514481	-165.162585	-0.443459
-0.014997	-0.537722	-153.453609	
0.65608	-12.514481	-165.162585	-0.443459
-0.014997	-0.237948	-85.141456	
0.82804	-12.514481	-165.162585	-0.443459
-0.014997	-0.155384	-45.443084	
1.00000	-12.514481	-165.162585	-0.443459
-0.014997	-0.571192	-9.653449	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	7.907333	81.257457	0.604922
0.015082	1.096711	281.738112	
0.48411	7.907333	81.257457	0.604922
0.015082	0.682519	228.724634	
0.65608	7.907333	81.257457	0.604922
0.015082	0.283331	196.375937	
0.82804	7.907333	81.257457	0.604922
0.015082	0.082125	218.182753	
1.00000	7.907333	81.257457	0.604922
0.015082	0.382009	251.430723	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31215	-12.514481	-165.162585	-0.443459
-0.014997	-0.843450	-259.450190	
0.48411	-12.514481	-165.162585	-0.443459
-0.014997	-0.537722	-153.453609	
0.65608	-12.514481	-165.162585	-0.443459
-0.014997	-0.237948	-85.141456	
0.82804	-12.514481	-165.162585	-0.443459
-0.014997	-0.155384	-45.443084	
1.00000	-12.514481	-165.162585	-0.443459
-0.014997	-0.571192	-9.653449	

ELEM 122 ========== LENGTH = 4.005447

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.781168	47.621512	0.187105
0.001444	0.167376	1.001956	
0.17198	5.781168	47.621512	0.187105
0.001444	0.038612	3.160784	
0.34396	5.781168	47.621512	0.187105
0.001444	0.097835	6.121442	
0.51594	5.781168	47.621512	0.187105
0.001444	0.225684	9.133323	
0.68792	5.781168	47.621512	0.187105
0.001444	0.353529	12.161428	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.715185	-4.403165	-0.185605
-0.000494	-0.157904	-4.871005	
0.17198	-0.715185	-4.403165	-0.185605
-0.000494	-0.030058	-37.597305	
0.34396	-0.715185	-4.403165	-0.185605
-0.000494	-0.093469	-70.330003	
0.51594	-0.715185	-4.403165	-0.185605
-0.000494	-0.220385	-103.080789	
0.68792	-0.715185	-4.403165	-0.185605
-0.000494	-0.349058	-135.873014	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.262822	165.815300	0.272426
0.014629	0.246415	209.567078	
0.17198	12.262822	165.815300	0.272426
0.014629	0.059605	133.264811	
0.34396	12.262822	165.815300	0.272426
0.014629	0.127911	67.567029	

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COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.444278	-14.628180	-0.264042
-0.013528	-0.265319	-0.009323	
0.17198	-1.444278	-14.628180	-0.264042
-0.013528	-0.083507	-33.534014	
0.34396	-1.444278	-14.628180	-0.264042
-0.013528	-0.152089	-78.215900	
0.51594	-1.444278	-14.628180	-0.264042
-0.013528	-0.334590	-142.892337	
0.68792	-1.444278	-14.628180	-0.264042
-0.013528	-0.521389	-250.894786	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.029901	162.812792	0.383353
0.014908	0.339720	237.549382	
0.17198	12.029901	162.812792	0.383353
0.014908	0.076342	191.843277	
0.34396	12.029901	162.812792	0.383353
0.014908	0.184044	155.077772	
0.51594	12.029901	162.812792	0.383353
0.014908	0.434145	172.374945	
0.68792	12.029901	162.812792	0.383353
0.014908	0.684416	210.869859	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.828765	-59.025102	-0.380717
-0.014538	-0.371604	-0.023801	
0.17198	-5.828765	-59.025102	-0.380717
-0.014538	-0.111285	-30.444674	
0.34396	-5.828765	-59.025102	-0.380717
-0.014538	-0.211233	-70.975720	
0.51594	-5.828765	-59.025102	-0.380717
-0.014538	-0.470071	-132.298119	
0.68792	-5.828765	-59.025102	-0.380717
-0.014538	-0.733305	-237.994035	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.723162	4.375358	0.224172
0.000538	0.190502	1.000905	
0.17198	0.723162	4.375358	0.224172
0.000538	0.036054	25.509177	
0.34396	0.723162	4.375358	0.224172
0.000538	0.108297	58.059192	
0.51594	0.723162	4.375358	0.224172
0.000538	0.255383	90.706954	
0.68792	0.723162	4.375358	0.224172
0.000538	0.402630	123.386191	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.937900	-47.480516	-0.213767
-0.001541	-0.186512	-7.675229	
0.17198	-5.937900	-47.480516	-0.213767
-0.001541	-0.040015	-2.746059	
0.34396	-5.937900	-47.480516	-0.213767
-0.001541	-0.118345	-5.412241	
0.51594	-5.937900	-47.480516	-0.213767
-0.001541	-0.272779	-8.379323	
0.68792	-5.937900	-47.480516	-0.213767
-0.001541	-0.427202	-11.384525	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.809834	105.103364	0.317110
0.013378	0.276309	206.315708	

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REL_DIST	P	V2	V3
T	M2	M3	
0.17198	5.809834	105.103364	0.317110
0.013378	0.058344	182.248291	
0.34396	5.809834	105.103364	0.317110
0.013378	0.140289	158.321632	
0.51594	5.809834	105.103364	0.317110
0.013378	0.334895	187.261602	
0.68792	5.809834	105.103364	0.317110
0.013378	0.529823	236.934912	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.110198	-75.167238	-0.299962
-0.014610	-0.303266	.000000	
0.17198	-8.110198	-75.167238	-0.299962
-0.014610	-0.098217	-1.758048	
0.34396	-8.110198	-75.167238	-0.299962
-0.014610	-0.176910	-4.561923	
0.51594	-8.110198	-75.167238	-0.299962
-0.014610	-0.391099	-27.404772	
0.68792	-8.110198	-75.167238	-0.299962
-0.014610	-0.609501	-93.579687	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.150616	151.482174	0.406258
0.014697	0.349510	236.332059	
0.17198	10.150616	151.482174	0.406258
0.014697	0.078828	185.428336	
0.34396	10.150616	151.482174	0.406258
0.014697	0.188101	153.951254	
0.51594	10.150616	151.482174	0.406258
0.014697	0.444993	178.766894	
0.68792	10.150616	151.482174	0.406258
0.014697	0.702145	224.922091	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.765079	-70.271158	-0.390675
-0.015243	-0.380956	.000000	
0.17198	-7.765079	-70.271158	-0.390675
-0.015243	-0.113208	-5.318849	
0.34396	-7.765079	-70.271158	-0.390675
-0.015243	-0.226982	-38.555645	
0.51594	-7.765079	-70.271158	-0.390675
-0.015243	-0.502526	-92.249748	
0.68792	-7.765079	-70.271158	-0.390675
-0.015243	-0.782337	-190.227676	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.361545	52.621472	0.301912
0.001332	0.264665	1.365098	
0.17198	5.361545	52.621472	0.301912
0.001332	0.055750	3.978694	
0.34396	5.361545	52.621472	0.301912
0.001332	0.123835	7.659104	
0.51594	5.361545	52.621472	0.301912
0.001332	0.285289	11.378795	
0.68792	5.361545	52.621472	0.301912
0.001332	0.446903	15.119427	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.660343	-5.450348	-0.234634
-0.000402	-0.199760	-6.645681	
0.17198	-0.660343	-5.450348	-0.234634
-0.000402	-0.038302	-42.039190	
0.34396	-0.660343	-5.450348	-0.234634
-0.000402	-0.154118	-78.208448	
0.51594	-0.660343	-5.450348	-0.234634
-0.000402	-0.361619	-114.404887	
0.68792	-0.660343	-5.450348	-0.234634
-0.000402	-0.569329	-150.642666	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.027715	158.277816	0.424274
0.013398	0.374135	216.618534	
0.17198	11.027715	158.277816	0.424274
0.013398	0.080935	147.728164	
0.34396	11.027715	158.277816	0.424274
0.013398	0.158978	92.838756	
0.51594	11.027715	158.277816	0.424274
0.013398	0.371745	80.545538	
0.68792	11.027715	158.277816	0.424274
0.013398	0.591748	88.846421	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.453870	-16.351413	-0.332830
-0.012284	-0.324905	-0.004984	
0.17198	-1.453870	-16.351413	-0.332830
-0.012284	-0.096195	-33.620483	
0.34396	-1.453870	-16.351413	-0.332830
-0.012284	-0.233326	-81.521483	
0.51594	-1.453870	-16.351413	-0.332830
-0.012284	-0.518268	-150.534131	
0.68792	-1.453870	-16.351413	-0.332830
-0.012284	-0.810246	-256.986437	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.740601	153.343040	0.563776
0.013389	0.490263	251.459214	
0.17198	10.740601	153.343040	0.563776
0.013389	0.101745	215.479573	
0.34396	10.740601	153.343040	0.563776
0.013389	0.216432	191.918260	
0.51594	10.740601	153.343040	0.563776
0.013389	0.517810	211.380896	
0.68792	10.740601	153.343040	0.563776
0.013389	0.826934	251.551429	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.457181	-62.792729	-0.461882
-0.012953	-0.444530	-0.013328	
0.17198	-5.457181	-62.792729	-0.461882
-0.012953	-0.128584	-30.631791	
0.34396	-5.457181	-62.792729	-0.461882
-0.012953	-0.309662	-74.247471	
0.51594	-5.457181	-62.792729	-0.461882
-0.012953	-0.690365	-139.554323	
0.68792	-5.457181	-62.792729	-0.461882
-0.012953	-1.078369	-242.437992	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.666553	5.356903	0.293168
0.000444	0.249194	1.356510	
0.17198	0.666553	5.356903	0.293168
0.000444	0.047318	27.776556	
0.34396	0.666553	5.356903	0.293168
0.000444	0.129527	63.453497	
0.51594	0.666553	5.356903	0.293168
0.000444	0.308906	99.418237	
0.68792	0.666553	5.356903	0.293168
0.000444	0.488515	135.496575	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.513245	-52.456431	-0.260140
-0.001427	-0.227108	-9.633545	
0.17198	-5.513245	-52.456431	-0.260140
-0.001427	-0.048780	-3.609535	
0.34396	-5.513245	-52.456431	-0.260140
-0.001427	-0.154848	-6.832074	
0.51594	-5.513245	-52.456431	-0.260140
-0.001427	-0.356726	-10.406379	
0.68792	-5.513245	-52.456431	-0.260140
-0.001427	-0.558714	-14.051760	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.117326	93.647466	0.409064
0.012183	0.354168	213.212595	
0.17198	5.117326	93.647466	0.409064
0.012183	0.073762	201.836615	
0.34396	5.117326	93.647466	0.409064
0.012183	0.159233	191.490984	
0.51594	5.117326	93.647466	0.409064
0.012183	0.389670	223.620324	
0.68792	5.117326	93.647466	0.409064
0.012183	0.627493	276.317284	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.586092	-80.756378	-0.358106
-0.013394	-0.356994	.000000	
0.17198	-7.586092	-80.756378	-0.358106
-0.013394	-0.111953	-2.097223	
0.34396	-7.586092	-80.756378	-0.358106
-0.013394	-0.227794	-5.627579	
0.51594	-7.586092	-80.756378	-0.358106
-0.013394	-0.502064	-30.156172	
0.68792	-7.586092	-80.756378	-0.358106
-0.013394	-0.783546	-92.104519	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.957033	140.013808	0.562176
0.013149	0.481450	250.000835	
0.17198	8.957033	140.013808	0.562176
0.013149	0.096678	207.665466	
0.34396	8.957033	140.013808	0.562176
0.013149	0.220262	189.501931	
0.51594	8.957033	140.013808	0.562176
0.013149	0.529241	217.118665	
0.68792	8.957033	140.013808	0.562176
0.013149	0.845725	265.961595	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.284571	-75.936285	-0.472334
-0.013669	-0.453749	.000000	
0.17198	-7.284571	-75.936285	-0.472334
-0.013669	-0.130209	-4.361711	
0.34396	-7.284571	-75.936285	-0.472334
-0.013669	-0.311495	-36.200830	
0.51594	-7.284571	-75.936285	-0.472334
-0.013669	-0.691513	-91.663749	
0.68792	-7.284571	-75.936285	-0.472334
-0.013669	-1.078371	-185.081391	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.262822	165.815300	0.406258
0.014908	0.349510	237.549382	
0.17198	12.262822	165.815300	0.406258
0.014908	0.076342	191.843277	
0.34396	12.262822	165.815300	0.406258
0.014908	0.188101	158.321632	
0.51594	12.262822	165.815300	0.406258
0.014908	0.444993	187.261602	
0.68792	12.262822	165.815300	0.406258
0.014908	0.702145	236.934912	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.110198	-75.167238	-0.390675
-0.015243	-0.380956	-7.675229	
0.17198	-8.110198	-75.167238	-0.390675
-0.015243	-0.113208	-37.597305	
0.34396	-8.110198	-75.167238	-0.390675
-0.015243	-0.226982	-78.215900	
0.51594	-8.110198	-75.167238	-0.390675
-0.015243	-0.502526	-142.892337	
0.68792	-8.110198	-75.167238	-0.390675
-0.015243	-0.782337	-250.894786	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.027715	158.277816	0.563776
0.013398	0.490263	251.459214	
0.17198	11.027715	158.277816	0.563776
0.013398	0.101745	215.479573	
0.34396	11.027715	158.277816	0.563776

0.013398 0.220262 191.918260
0.51594 11.027715 158.277816 0.563776
0.013398 0.529241 223.620324
0.68792 11.027715 158.277816 0.563776
0.013398 0.845725 276.317284

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -7.586092 -80.756378 -0.472334
-0.013669 -0.453749 -9.633545
0.17198 -7.586092 -80.756378 -0.472334
-0.013669 -0.130209 -42.039190
0.34396 -7.586092 -80.756378 -0.472334
-0.013669 -0.311495 -81.521483
0.51594 -7.586092 -80.756378 -0.472334
-0.013669 -0.691513 -150.534131
0.68792 -7.586092 -80.756378 -0.472334
-0.013669 -1.078371 -256.986437

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 12.262822 165.815300 0.563776
0.014908 0.490263 251.459214
0.17198 12.262822 165.815300 0.563776
0.014908 0.101745 215.479573
0.34396 12.262822 165.815300 0.563776
0.014908 0.220262 191.918260
0.51594 12.262822 165.815300 0.563776
0.014908 0.529241 223.620324
0.68792 12.262822 165.815300 0.563776
0.014908 0.845725 276.317284

COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -8.110198 -80.756378 -0.472334
-0.015243 -0.453749 -9.633545
0.17198 -8.110198 -80.756378 -0.472334
-0.015243 -0.130209 -42.039190
0.34396 -8.110198 -80.756378 -0.472334
-0.015243 -0.311495 -81.521483
0.51594 -8.110198 -80.756378 -0.472334
-0.015243 -0.691513 -150.534131
0.68792 -8.110198 -80.756378 -0.472334
-0.015243 -1.078371 -256.986437

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 12.262822 165.815300 0.563776
0.014908 0.490263 251.459214
0.17198 12.262822 165.815300 0.563776
0.014908 0.101745 215.479573
0.34396 12.262822 165.815300 0.563776
0.014908 0.220262 191.918260
0.51594 12.262822 165.815300 0.563776
0.014908 0.529241 223.620324
0.68792 12.262822 165.815300 0.563776
0.014908 0.845725 276.317284

COMB DESIGN ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -8.110198 -80.756378 -0.472334
-0.015243 -0.453749 -9.633545
0.17198 -8.110198 -80.756378 -0.472334
-0.015243 -0.130209 -42.039190
0.34396 -8.110198 -80.756378 -0.472334
-0.015243 -0.311495 -81.521483
0.51594 -8.110198 -80.756378 -0.472334
-0.015243 -0.691513 -150.534131
0.68792 -8.110198 -80.756378 -0.472334
-0.015243 -1.078371 -256.986437
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ELEM 123 ========== LENGTH = 4.004924

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 5.553032 50.782231 0.150831
0.000976 0.285667 135.190521
0.48409 5.553032 50.782231 0.150831
0.000976 0.181797 100.245687
0.65606 5.553032 50.782231 0.150831
0.000976 0.077933 65.316316
0.82803 5.553032 50.782231 0.150831
0.000976 0.028146 30.453746
1.00000 5.553032 50.782231 0.150831
0.000976 0.147206 0.980027

COMB DB-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -0.648094 -2.457843 -0.172799
-0.000988 -0.328852 -6.362504
0.48409 -0.648094 -2.457843 -0.172799
-0.000988 -0.209840 -4.679573
0.65606 -0.648094 -2.457843 -0.172799
-0.000988 -0.090821 -3.032381
0.82803 -0.648094 -2.457843 -0.172799
-0.000988 -0.030586 -1.654902
1.00000 -0.648094 -2.457843 -0.172799
-0.000988 -0.129929 -4.915465

COMB DB-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 7.653558 79.339885 0.224492
0.013899 0.397295 252.733166
0.48409 7.653558 79.339885 0.224492
0.013899 0.251456 200.145989
0.65606 7.653558 79.339885 0.224492
0.013899 0.105656 168.201514
0.82803 7.653558 79.339885 0.224492
0.013899 0.047486 189.183559
1.00000 7.653558 79.339885 0.224492
0.013899 0.217390 210.352773

COMB DB-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -5.726466 -102.522901 -0.246891
-0.013923 -0.474986 -86.431985
0.48409 -5.726466 -102.522901 -0.246891
-0.013923 -0.305123 -22.813125
0.65606 -5.726466 -102.522901 -0.246891
-0.013923 -0.139870 -2.117431
0.82803 -5.726466 -102.522901 -0.246891
-0.013923 -0.089609 -0.884835
1.00000 -5.726466 -102.522901 -0.246891
-0.013923 -0.234776 .000000

COMB DB-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 7.314824 72.768249 0.355582
0.014872 0.646799 235.568682
0.48409 7.314824 72.768249 0.355582
0.014872 0.410868 188.027914
0.65606 7.314824 72.768249 0.355582
0.014872 0.174967 162.815703
0.82803 7.314824 72.768249 0.355582
0.014872 0.068337 192.334250
1.00000 7.314824 72.768249 0.355582
0.014872 0.335518 238.388837

COMB DB-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -9.990657 -150.454792 -0.388005
-0.014887 -0.745889 -188.805713
0.48409 -9.990657 -150.454792 -0.388005
-0.014887 -0.478839 -92.325102
0.65606 -9.990657 -150.454792 -0.388005
-0.014887 -0.216458 -39.724445
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REL_DIST P V2 V3
T M2 M3
0.82803 -9.990657 -150.454792 -0.388005
-0.014887 -0.110019 -7.003530
1.00000 -9.990657 -150.454792 -0.388005
-0.014887 -0.346716 .000000

COMB DB-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 0.659921 2.417764 0.244363
0.000981 0.465815 7.329134
0.48409 0.659921 2.417764 0.244363
0.000981 0.297525 5.673976
0.65606 0.659921 2.417764 0.244363
0.000981 0.129232 4.036786
0.82803 0.659921 2.417764 0.244363
0.000981 0.040374 2.458272
1.00000 0.659921 2.417764 0.244363
0.000981 0.207911 1.032804

COMB DB-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -5.644559 -50.290319 -0.243180
-0.000981 -0.462042 -146.279481
0.48409 -5.644559 -50.290319 -0.243180
-0.000981 -0.294556 -111.658055
0.65606 -5.644559 -50.290319 -0.243180
-0.000981 -0.127074 -77.069282
0.82803 -5.644559 -50.290319 -0.243180
-0.000981 -0.039086 -42.503150
1.00000 -5.644559 -50.290319 -0.243180
-0.000981 -0.207430 -7.993602

COMB DB-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 1.364862 12.500712 0.341358
0.014087 0.623575 58.323979
0.48409 1.364862 12.500712 0.341358
0.014087 0.397240 51.781911
0.65606 1.364862 12.500712 0.341358
0.014087 0.170924 65.884828
0.82803 1.364862 12.500712 0.341358
0.014087 0.061634 132.928451
1.00000 1.364862 12.500712 0.341358
0.014087 0.293724 206.736253

COMB DB-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -12.110240 -168.486855 -0.337128
-0.014062 -0.647300 -260.953153
0.48409 -12.110240 -168.486855 -0.337128
-0.014062 -0.415268 -151.891530
0.65606 -12.110240 -168.486855 -0.337128
-0.014062 -0.187870 -85.751714
0.82803 -12.110240 -168.486855 -0.337128
-0.014062 -0.095314 -39.026929
1.00000 -12.110240 -168.486855 -0.337128
-0.014062 -0.330484 -0.014207

COMB DB-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 5.537180 59.179796 0.393265
0.014703 0.716664 214.508861
0.48409 5.537180 59.179796 0.393265
0.014703 0.455500 175.858091
0.65606 5.537180 59.179796 0.393265
0.014703 0.194474 158.310337
0.82803 5.537180 59.179796 0.393265
0.014703 0.074004 194.933491
1.00000 5.537180 59.179796 0.393265
0.014703 0.359197 236.982517

COMB DB-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -11.835072 -164.012678 -0.414129
-0.014694 -0.794240 -244.446085
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REL_DIST P V2 V3
T M2 M3
0.48409 -11.835072 -164.012678 -0.414129
-0.014694 -0.509179 -138.737118
0.65606 -11.835072 -164.012678 -0.414129
-0.014694 -0.228816 -76.988840
0.82803 -11.835072 -164.012678 -0.414129
-0.014694 -0.117826 -35.361003
1.00000 -11.835072 -164.012678 -0.414129
-0.014694 -0.387437 -0.013376

COMB DL-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 4.922132 56.566969 0.231308
0.000842 0.432876 150.204760
0.48409 4.922132 56.566969 0.231308
0.000842 0.273528 111.284321
0.65606 4.922132 56.566969 0.231308
0.000842 0.114169 72.427480
0.82803 4.922132 56.566969 0.231308
0.000842 0.035545 33.863816
1.00000 4.922132 56.566969 0.231308
0.000842 0.184586 1.317533

COMB DL-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -0.675659 -2.904276 -0.216747
-0.000875 -0.412241 -7.623335
0.48409 -0.675659 -2.904276 -0.216747
-0.000875 -0.262851 -5.666795
0.65606 -0.675659 -2.904276 -0.216747
-0.000875 -0.113844 -3.767495
0.82803 -0.675659 -2.904276 -0.216747
-0.000875 -0.046723 -2.185533
1.00000 -0.675659 -2.904276 -0.216747
-0.000875 -0.204203 -6.485514

COMB DL-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 6.865142 85.864586 0.338071
0.012639 0.590281 294.049135
0.48409 6.865142 85.864586 0.338071
0.012639 0.367920 237.921274
0.65606 6.865142 85.864586 0.338071
0.012639 0.149139 202.258923
0.82803 6.865142 85.864586 0.338071
0.012639 0.058755 208.945505
1.00000 6.865142 85.864586 0.338071
0.012639 0.275904 215.992179

COMB DL-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -5.152959 -90.426888 -0.316566
-0.012698 -0.605617 -84.086547
0.48409 -5.152959 -90.426888 -0.316566
-0.012698 -0.387692 -24.411882
0.65606 -5.152959 -90.426888 -0.316566
-0.012698 -0.177236 -2.585487
0.82803 -5.152959 -90.426888 -0.316566
-0.012698 -0.112693 -1.049722
1.00000 -5.152959 -90.426888 -0.316566
-0.012698 -0.341859 .000000

COMB DL-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 6.655507 78.933320 0.505107
0.013257 0.909830 278.364144
0.48409 6.655507 78.933320 0.505107
0.013257 0.572402 227.526189
0.65606 6.655507 78.933320 0.505107
0.013257 0.238662 197.604856
0.82803 6.655507 78.933320 0.505107
0.013257 0.086894 212.225051
1.00000 6.655507 78.933320 0.505107
0.013257 0.433033 250.333108
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COMB DL-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -8.803574 -139.021669 -0.503614
-0.013288 -0.963193 -184.540575
0.48409 -8.803574 -139.021669 -0.503614
-0.013288 -0.616270 -91.773286
0.65606 -8.803574 -139.021669 -0.503614
-0.013288 -0.276570 -37.312326
0.82803 -8.803574 -139.021669 -0.503614
-0.013288 -0.138336 -5.318302
1.00000 -8.803574 -139.021669 -0.503614
-0.013288 -0.482625 .000000

COMB DL-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 0.695493 2.907202 0.321552
0.000881 0.613001 8.977799
0.48409 0.695493 2.907202 0.321552
0.000881 0.391562 6.996163
0.65606 0.695493 2.907202 0.321552
0.000881 0.170227 5.027127
0.82803 0.695493 2.907202 0.321552
0.000881 0.060204 3.098635
1.00000 0.695493 2.907202 0.321552
0.000881 0.292766 1.370163

COMB DL-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -5.022221 -56.293826 -0.337568
-0.000899 -0.636272 -164.716657
0.48409 -5.022221 -56.293826 -0.337568
-0.000899 -0.403600 -125.964322
0.65606 -5.022221 -56.293826 -0.337568
-0.000899 -0.170818 -87.234014
0.82803 -5.022221 -56.293826 -0.337568
-0.000899 -0.051525 -48.526584
1.00000 -5.022221 -56.293826 -0.337568
-0.000899 -0.272904 -9.965647

COMB DL-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 1.470876 13.562511 0.448405
0.012842 0.814209 81.244377
0.48409 1.470876 13.562511 0.448405
0.012842 0.515952 74.924795
0.65606 1.470876 13.562511 0.448405
0.012842 0.221213 89.083865
0.82803 1.470876 13.562511 0.448405
0.012842 0.085563 145.995361
1.00000 1.470876 13.562511 0.448405
0.012842 0.404070 212.066680

COMB DL-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -10.660329 -162.108357 -0.462792
-0.012800 -0.879732 -271.693075
0.48409 -10.660329 -162.108357 -0.462792
-0.012800 -0.560875 -162.673681
0.65606 -10.660329 -162.108357 -0.462792
-0.012800 -0.248828 -91.495534
0.82803 -10.660329 -162.108357 -0.462792
-0.012800 -0.114292 -40.635554
1.00000 -10.660329 -162.108357 -0.462792
-0.012800 -0.422096 -0.016444

COMB DL-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 5.115665 62.825451 0.540294
0.013140 0.976648 253.909866
0.48409 5.115665 62.825451 0.540294
0.013140 0.615261 213.795535
0.65606 5.115665 62.825451 0.540294
0.013140 0.257375 194.261670
0.82803 5.115665 62.825451 0.540294
0.013140 0.099614 217.659855
1.00000 5.115665 62.825451 0.540294
0.013140 0.479654 248.673888
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COMB DL-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -10.422921 -155.279802 -0.552748
-0.013101 -1.051704 -252.676778
0.48409 -10.422921 -155.279802 -0.552748
-0.013101 -0.670815 -148.530463
0.65606 -10.422921 -155.279802 -0.552748
-0.013101 -0.297072 -82.401625
0.82803 -10.422921 -155.279802 -0.552748
-0.013101 -0.145032 -36.943883
1.00000 -10.422921 -155.279802 -0.552748
-0.013101 -0.515609 -0.015468

COMB DB ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 7.653558 79.339885 0.393265
0.014872 0.716664 252.733166
0.48409 7.653558 79.339885 0.393265
0.014872 0.455500 200.145989
0.65606 7.653558 79.339885 0.393265
0.014872 0.194474 168.201514
0.82803 7.653558 79.339885 0.393265
0.014872 0.074004 194.933491
1.00000 7.653558 79.339885 0.393265
0.014872 0.359197 238.388837

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -12.110240 -168.486855 -0.414129
-0.014887 -0.794240 -260.953153
0.48409 -12.110240 -168.486855 -0.414129
-0.014887 -0.509179 -151.891530
0.65606 -12.110240 -168.486855 -0.414129
-0.014887 -0.228816 -85.751714
0.82803 -12.110240 -168.486855 -0.414129
-0.014887 -0.117826 -42.503150
1.00000 -12.110240 -168.486855 -0.414129
-0.014887 -0.387437 -7.993602

COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 6.865142 85.864586 0.540294
0.013257 0.976648 294.049135
0.48409 6.865142 85.864586 0.540294
0.013257 0.615261 237.921274
0.65606 6.865142 85.864586 0.540294
0.013257 0.257375 202.258923
0.82803 6.865142 85.864586 0.540294
0.013257 0.099614 217.659855
1.00000 6.865142 85.864586 0.540294
0.013257 0.479654 250.333108

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -10.660329 -162.108357 -0.552748
-0.013288 -1.051704 -271.693075
0.48409 -10.660329 -162.108357 -0.552748
-0.013288 -0.670815 -162.673681
0.65606 -10.660329 -162.108357 -0.552748
-0.013288 -0.297072 -91.495534
0.82803 -10.660329 -162.108357 -0.552748
-0.013288 -0.145032 -48.526584
1.00000 -10.660329 -162.108357 -0.552748
-0.013288 -0.515609 -9.965647

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 7.653558 85.864586 0.540294
0.014872 0.976648 294.049135
0.48409 7.653558 85.864586 0.540294
0.014872 0.615261 237.921274
0.65606 7.653558 85.864586 0.540294
0.014872 0.257375 202.258923
0.82803 7.653558 85.864586 0.540294
0.014872 0.099614 217.659855
1.00000 7.653558 85.864586 0.540294
0.014872 0.479654 250.333108
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COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -12.110240 -168.486855 -0.552748
-0.014887 -1.051704 -271.693075
0.48409 -12.110240 -168.486855 -0.552748
-0.014887 -0.670815 -162.673681
0.65606 -12.110240 -168.486855 -0.552748
-0.014887 -0.297072 -91.495534
0.82803 -12.110240 -168.486855 -0.552748
-0.014887 -0.145032 -48.526584
1.00000 -12.110240 -168.486855 -0.552748
-0.014887 -0.515609 -9.965647

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 7.653558 85.864586 0.540294
0.014872 0.976648 294.049135
0.48409 7.653558 85.864586 0.540294
0.014872 0.615261 237.921274
0.65606 7.653558 85.864586 0.540294
0.014872 0.257375 202.258923

0.82803 7.653558 85.864586 0.540294
0.014872 0.099614 217.659855
1.00000 7.653558 85.864586 0.540294
0.014872 0.479654 250.333108

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31212	-12.110240	-168.486855	-0.552748
-0.014887	-1.051704	-271.693075	
0.48409	-12.110240	-168.486855	-0.552748
-0.014887	-0.670815	-162.673681	
0.65606	-12.110240	-168.486855	-0.552748
-0.014887	-0.297072	-91.495534	
0.82803	-12.110240	-168.486855	-0.552748
-0.014887	-0.145032	-48.526584	
1.00000	-12.110240	-168.486855	-0.552748
-0.014887	-0.515609	-9.965647	

ELEM 124 ========== LENGTH = 4.004924

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.511222	50.468541	0.149741
0.000990	0.129154	0.981783	
0.17197	5.511222	50.468541	0.149741
0.000990	0.027795	2.042782	
0.34394	5.511222	50.468541	0.149741
0.000990	0.090323	3.609932	
0.51591	5.511222	50.468541	0.149741
0.000990	0.207999	5.236201	
0.68788	5.511222	50.468541	0.149741
0.000990	0.325682	6.883449	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.653195	-2.398594	-0.170874
-0.000895	-0.145071	-4.885257	
0.17197	-0.653195	-2.398594	-0.170874
-0.000895	-0.027411	-39.577960	
0.34394	-0.653195	-2.398594	-0.170874
-0.000895	-0.077386	-74.275601	
0.51591	-0.653195	-2.398594	-0.170874
-0.000895	-0.180355	-108.988078	
0.68788	-0.653195	-2.398594	-0.170874
-0.000895	-0.283490	-143.732920	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.037206	169.032538	0.213372
0.014083	0.178791	210.033469	
0.17197	12.037206	169.032538	0.213372
0.014083	0.042890	132.023204	
0.34394	12.037206	169.032538	0.213372
0.014083	0.124129	64.721706	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51591	12.037206	169.032538	0.213372
0.014083	0.290790	50.809526	
0.68788	12.037206	169.032538	0.213372
0.014083	0.472786	57.141326	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.325611	-12.268304	-0.269533
-0.013986	-0.269828	.000000	
0.17197	-1.325611	-12.268304	-0.269533
-0.013986	-0.084241	-35.678297	
0.34394	-1.325611	-12.268304	-0.269533
-0.013986	-0.115202	-82.601247	
0.51591	-1.325611	-12.268304	-0.269533
-0.013986	-0.262154	-149.330292	
0.68788	-1.325611	-12.268304	-0.269533
-0.013986	-0.409099	-259.265639	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.796966	164.519220	0.343619
0.014693	0.288811	238.073487	
0.17197	11.796966	164.519220	0.343619
0.014693	0.063206	192.069738	
0.34394	11.796966	164.519220	0.343619
0.014693	0.196786	155.066966	
0.51591	11.796966	164.519220	0.343619
0.014693	0.463566	172.643199	
0.68788	11.796966	164.519220	0.343619
0.014693	0.746201	210.903728	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.535783	-58.692407	-0.415899
-0.014647	-0.399845	.000000	
0.17197	-5.535783	-58.692407	-0.415899
-0.014647	-0.115788	-32.367737	
0.34394	-5.535783	-58.692407	-0.415899
-0.014647	-0.184601	-74.005219	
0.51591	-5.535783	-58.692407	-0.415899
-0.014647	-0.421260	-136.284637	
0.68788	-5.535783	-58.692407	-0.415899
-0.014647	-0.657911	-242.835552	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.654114	2.477213	0.242975
0.000957	0.206049	1.034929	
0.17197	0.654114	2.477213	0.242975
0.000957	0.038673	27.347890	
0.34394	0.654114	2.477213	0.242975
0.000957	0.129184	62.074658	
0.51591	0.654114	2.477213	0.242975
0.000957	0.301602	96.876613	
0.68788	0.654114	2.477213	0.242975
0.000957	0.474084	131.697725	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.686341	-50.600913	-0.250549
-0.001041	-0.216290	-7.977181	
0.17197	-5.686341	-50.600913	-0.250549
-0.001041	-0.044689	-1.357716	
0.34394	-5.686341	-50.600913	-0.250549
-0.001041	-0.128625	-2.706309	
0.51591	-5.686341	-50.600913	-0.250549
-0.001041	-0.295984	-4.362058	
0.68788	-5.686341	-50.600913	-0.250549
-0.001041	-0.463328	-6.059620	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.800412	102.784249	0.330553
0.013916	0.277018	206.401166	

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REL_DIST	P	V2	V3
T	M2	M3	
0.17197	5.800412	102.784249	0.330553
0.013916	0.058621	184.914561	
0.34394	5.800412	102.784249	0.330553
0.013916	0.172609	163.523405	
0.51591	5.800412	102.784249	0.330553
0.013916	0.408526	195.467490	
0.68788	5.800412	102.784249	0.330553
0.013916	0.660008	247.646163	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.762132	-78.819648	-0.370614
-0.013969	-0.361364	-0.013280	
0.17197	-7.762132	-78.819648	-0.370614
-0.013969	-0.108100	-0.450146	
0.34394	-7.762132	-78.819648	-0.370614
-0.013969	-0.178324	-1.688451	
0.51591	-7.762132	-78.819648	-0.370614
-0.013969	-0.405953	-22.788096	
0.68788	-7.762132	-78.819648	-0.370614
-0.013969	-0.633612	-87.098758	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.027556	150.970376	0.379970
0.014891	0.317889	236.661202	
0.17197	10.027556	150.970376	0.379970
0.014891	0.065686	188.689541	
0.34394	10.027556	150.970376	0.379970
0.014891	0.212362	158.682528	
0.51591	10.027556	150.970376	0.379970
0.014891	0.500045	183.906276	
0.68788	10.027556	150.970376	0.379970
0.014891	0.803623	230.827316	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.388333	-72.288287	-0.446301
-0.014888	-0.426195	-0.012496	
0.17197	-7.388333	-72.288287	-0.446301
-0.014888	-0.120595	-5.003830	
0.34394	-7.388333	-72.288287	-0.446301
-0.014888	-0.205553	-37.899279	
0.51591	-7.388333	-72.288287	-0.446301
-0.014888	-0.467189	-91.074163	
0.68788	-7.388333	-72.288287	-0.446301
-0.014888	-0.728897	-188.430928	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.888738	56.309808	0.221243
0.000859	0.192280	1.319892	
0.17197	4.888738	56.309808	0.221243
0.000859	0.040688	2.562835	
0.34394	4.888738	56.309808	0.221243
0.000859	0.113127	4.471982	
0.51591	4.888738	56.309808	0.221243
0.000859	0.260433	6.410994	
0.68788	4.888738	56.309808	0.221243
0.000859	0.408147	8.373121	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.684108	-2.877017	-0.214279
-0.000791	-0.181845	-6.458064	
0.17197	-0.684108	-2.877017	-0.214279
-0.000791	-0.034582	-44.691916	
0.34394	-0.684108	-2.877017	-0.214279
-0.000791	-0.112227	-83.404526	
0.51591	-0.684108	-2.877017	-0.214279
-0.000791	-0.264657	-122.145197	
0.68788	-0.684108	-2.877017	-0.214279
-0.000791	-0.417100	-160.909072	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.567075	162.500557	0.308994
0.012815	0.266166	216.001874	
0.17197	10.567075	162.500557	0.308994
0.012815	0.059502	145.279515	
0.34394	10.567075	162.500557	0.308994
0.012815	0.157228	87.976711	
0.51591	10.567075	162.500557	0.308994
0.012815	0.372150	73.661603	
0.68788	10.567075	162.500557	0.308994
0.012815	0.603630	79.837135	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.427497	-13.292885	-0.339205
-0.012731	-0.329599	.000000	
0.17197	-1.427497	-13.292885	-0.339205
-0.012731	-0.097294	-36.341564	
0.34394	-1.427497	-13.292885	-0.339205
-0.012731	-0.166366	-87.221738	
0.51591	-1.427497	-13.292885	-0.339205
-0.012731	-0.376024	-158.939476	
0.68788	-1.427497	-13.292885	-0.339205
-0.012731	-0.588878	-268.245770	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.357551	155.658513	0.476774
0.013093	0.407348	250.358811	
0.17197	10.357551	155.658513	0.476774
0.013093	0.085547	215.075749	
0.34394	10.357551	155.658513	0.476774
0.013093	0.246912	191.030552	
0.51591	10.357551	155.658513	0.476774
0.013093	0.593645	210.291147	
0.68788	10.357551	155.658513	0.476774
0.013093	0.956847	250.136388	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.118367	-62.410927	-0.530252
-0.013057	-0.502407	.000000	
0.17197	-5.118367	-62.410927	-0.530252
-0.013057	-0.139561	-33.089711	
0.34394	-5.118367	-62.410927	-0.530252
-0.013057	-0.256583	-78.423308	
0.51591	-5.118367	-62.410927	-0.530252
-0.013057	-0.581645	-145.001404	
0.68788	-5.118367	-62.410927	-0.530252
-0.013057	-0.910057	-249.388069	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.686590	2.934640	0.320063
0.000829	0.271587	1.372789	
0.17197	0.686590	2.934640	0.320063
0.000829	0.051094	30.142152	
0.34394	0.686590	2.934640	0.320063
0.000829	0.173275	68.676595	
0.51591	0.686590	2.934640	0.320063
0.000829	0.408569	107.478918	
0.68788	0.686590	2.934640	0.320063
0.000829	0.643747	146.340525	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.054461	-56.546180	-0.341142
-0.000899	-0.295272	-9.946410	
0.17197	-5.054461	-56.546180	-0.341142
-0.000899	-0.060787	-1.863975	
0.34394	-5.054461	-56.546180	-0.341142
-0.000899	-0.169561	-3.314556	
0.51591	-5.054461	-56.546180	-0.341142
-0.000899	-0.389893	-5.221174	
0.68788	-5.054461	-56.546180	-0.341142
-0.000899	-0.610308	-7.202965	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.213431	90.747644	0.430393
0.012707	0.366227	212.066674	
0.17197	5.213431	90.747644	0.430393
0.012707	0.076118	204.272354	
0.34394	5.213431	90.747644	0.430393
0.012707	0.226399	197.227640	
0.51591	5.213431	90.747644	0.430393
0.012707	0.548036	232.747341	
0.68788	5.213431	90.747644	0.430393
0.012707	0.885694	288.690279	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.975125	-85.517706	-0.493206
-0.012696	-0.471277	-0.015120	
0.17197	-6.975125	-85.517706	-0.493206
-0.012696	-0.133225	-0.503153	
0.34394	-6.975125	-85.517706	-0.493206
-0.012696	-0.233918	-2.031237	
0.51591	-6.975125	-85.517706	-0.493206
-0.012696	-0.527148	-24.357792	
0.68788	-6.975125	-85.517706	-0.493206
-0.012696	-0.823491	-84.260623	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.817165	139.484414	0.514604
0.013304	0.435374	248.701722	
0.17197	8.817165	139.484414	0.514604
0.013304	0.087137	208.440800	
0.34394	8.817165	139.484414	0.514604
0.013304	0.273888	192.943731	
0.51591	8.817165	139.484414	0.514604
0.013304	0.656205	222.642597	
0.68788	8.817165	139.484414	0.514604
0.013304	1.054880	273.265397	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.737681	-78.600417	-0.581644
-0.013261	-0.545509	-0.014330	
0.17197	-6.737681	-78.600417	-0.581644
-0.013261	-0.146840	-3.511850	
0.34394	-6.737681	-78.600417	-0.581644
-0.013261	-0.280593	-35.068959	
0.51591	-6.737681	-78.600417	-0.581644
-0.013261	-0.631897	-90.037139	
0.68788	-6.737681	-78.600417	-0.581644
-0.013261	-0.986274	-183.091123	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.037206	169.032538	0.379970
0.014891	0.317889	238.073487	
0.17197	12.037206	169.032538	0.379970
0.014891	0.065686	192.069738	
0.34394	12.037206	169.032538	0.379970
0.014891	0.212362	163.523405	
0.51591	12.037206	169.032538	0.379970
0.014891	0.500045	195.467490	
0.68788	12.037206	169.032538	0.379970
0.014891	0.803623	247.646163	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.762132	-78.819648	-0.446301
-0.014888	-0.426195	-7.977181	
0.17197	-7.762132	-78.819648	-0.446301
-0.014888	-0.120595	-39.577960	
0.34394	-7.762132	-78.819648	-0.446301
-0.014888	-0.205553	-82.601247	
0.51591	-7.762132	-78.819648	-0.446301
-0.014888	-0.467189	-149.330292	
0.68788	-7.762132	-78.819648	-0.446301
-0.014888	-0.728897	-259.265639	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.567075	162.500557	0.514604
0.013304	0.435374	250.358811	
0.17197	10.567075	162.500557	0.514604
0.013304	0.087137	215.075749	
0.34394	10.567075	162.500557	0.514604
0.013304	0.273888	197.227640	
0.51591	10.567075	162.500557	0.514604
0.013304	0.656205	232.747341	
0.68788	10.567075	162.500557	0.514604
0.013304	1.054880	288.690279	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.975125	-85.517706	-0.581644
-0.013261	-0.545509	-9.946410	
0.17197	-6.975125	-85.517706	-0.581644
-0.013261	-0.146840	-44.691916	
0.34394	-6.975125	-85.517706	-0.581644
-0.013261	-0.280593	-87.221738	
0.51591	-6.975125	-85.517706	-0.581644
-0.013261	-0.631897	-158.939476	
0.68788	-6.975125	-85.517706	-0.581644
-0.013261	-0.986274	-268.245770	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.037206	169.032538	0.514604
0.014891	0.435374	250.358811	
0.17197	12.037206	169.032538	0.514604
0.014891	0.087137	215.075749	
0.34394	12.037206	169.032538	0.514604
0.014891	0.273888	197.227640	
0.51591	12.037206	169.032538	0.514604
0.014891	0.656205	232.747341	
0.68788	12.037206	169.032538	0.514604
0.014891	1.054880	288.690279	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.762132	-85.517706	-0.581644
-0.014888	-0.545509	-9.946410	
0.17197	-7.762132	-85.517706	-0.581644
-0.014888	-0.146840	-44.691916	
0.34394	-7.762132	-85.517706	-0.581644
-0.014888	-0.280593	-87.221738	
0.51591	-7.762132	-85.517706	-0.581644
-0.014888	-0.631897	-158.939476	
0.68788	-7.762132	-85.517706	-0.581644
-0.014888	-0.986274	-268.245770	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.037206	169.032538	0.514604
0.014891	0.435374	250.358811	
0.17197	12.037206	169.032538	0.514604
0.014891	0.087137	215.075749	
0.34394	12.037206	169.032538	0.514604
0.014891	0.273888	197.227640	
0.51591	12.037206	169.032538	0.514604
0.014891	0.656205	232.747341	
0.68788	12.037206	169.032538	0.514604
0.014891	1.054880	288.690279	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.762132	-85.517706	-0.581644
-0.014888	-0.545509	-9.946410	
0.17197	-7.762132	-85.517706	-0.581644
-0.014888	-0.146840	-44.691916	
0.34394	-7.762132	-85.517706	-0.581644
-0.014888	-0.280593	-87.221738	
0.51591	-7.762132	-85.517706	-0.581644
-0.014888	-0.631897	-158.939476	
0.68788	-7.762132	-85.517706	-0.581644
-0.014888	-0.986274	-268.245770	

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ELEM 125 ========== LENGTH = 4.005483

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	5.680299	51.158916	0.132414
0.000503	0.251374	136.215253	
0.48405	5.680299	51.158916	0.132414
0.000503	0.160158	101.009422	
0.65604	5.680299	51.158916	0.132414
0.000503	0.068926	65.834841	
0.82802	5.680299	51.158916	0.132414
0.000503	0.025765	30.705454	
1.00000	5.680299	51.158916	0.132414
0.000503	0.136443	0.997929	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.676954	-1.430433	-0.160505
-0.001427	-0.305815	-3.394157	
0.48405	-0.676954	-1.430433	-0.160505
-0.001427	-0.195249	-2.422883	
0.65604	-0.676954	-1.430433	-0.160505
-0.001427	-0.084680	-1.482244	
0.82802	-0.676954	-1.430433	-0.160505
-0.001427	-0.022443	-1.076079	
1.00000	-0.676954	-1.430433	-0.160505
-0.001427	-0.113578	-4.995132	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	7.753807	79.886815	0.182798
0.013370	0.342095	255.753054	
0.48405	7.753807	79.886815	0.182798
0.013370	0.216171	202.793409	

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 0.65604      7.753807     79.886815      0.182798
0.013370      0.090310    170.350232
 0.82802      7.753807     79.886815      0.182798
0.013370      0.048898    190.984855
 1.00000      7.753807     79.886815      0.182798
0.013370      0.227557    211.812217

 COMB DB-G1-2 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207     -5.833161  -101.294622     -0.259267
-0.014442     -0.498960   -82.163995
 0.48405     -5.833161  -101.294622     -0.259267
-0.014442     -0.320894   -19.865037
 0.65604     -5.833161  -101.294622     -0.259267
-0.014442     -0.146778    -0.526647
 0.82802     -5.833161  -101.294622     -0.259267
-0.014442     -0.075110    -0.162651
 1.00000     -5.833161  -101.294622     -0.259267
-0.014442     -0.197730     .000000

 COMB DB-G1-3 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      7.400955     72.624211      0.327811
0.014698      0.618720    238.870684
 0.48405      7.400955     72.624211      0.327811
0.014698      0.392900    191.039920
 0.65604      7.400955     72.624211      0.327811
0.014698      0.167134    165.164445
 0.82802      7.400955     72.624211      0.327811
0.014698      0.075175    195.430941
 1.00000      7.400955     72.624211      0.327811
0.014698      0.373826    240.415868

 COMB DB-G1-3 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -10.200015  -149.715212     -0.433308
-0.015049     -0.832523  -185.341858
 0.48405    -10.200015  -149.715212     -0.433308
-0.015049     -0.534577   -89.874044
 0.65604    -10.200015  -149.715212     -0.433308
-0.015049     -0.240670   -38.304966
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 REL DIST             P            V2            V3
        T           M2           M3
 0.82802    -10.200015  -149.715212     -0.433308
-0.015049     -0.098437    -6.106924
 1.00000    -10.200015  -149.715212     -0.433308
-0.015049     -0.321483     .000000

 COMB DB-G2-1 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      0.686514     1.399143      0.259894
0.001464      0.495841     4.568983
 0.48405      0.686514     1.399143      0.259894
0.001464      0.316808     3.615190
 0.65604      0.686514     1.399143      0.259894
0.001464      0.137768     2.687248
 0.82802      0.686514     1.399143      0.259894
0.001464      0.047284     1.816661
 1.00000      0.686514     1.399143      0.259894
0.001464      0.244586     1.034546

 COMB DB-G2-1 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207     -5.783932   -50.693901     -0.286310
-0.000422     -0.544361  -147.587521
 0.48405     -5.783932   -50.693901     -0.286310
-0.000422     -0.347131  -112.676343
 0.65604     -5.783932   -50.693901     -0.286310
-0.000422     -0.149904   -77.799709
 0.82802     -5.783932   -50.693901     -0.286310
-0.000422     -0.041387   -42.946285
 1.00000     -5.783932   -50.693901     -0.286310
-0.000422     -0.220447    -8.143060

 COMB DB-G2-2 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      1.360949    11.336115      0.343332
0.014667      0.650630    56.134599
 0.48405      1.360949    11.336115      0.343332
0.014667      0.414119    50.402021
 0.65604      1.360949    11.336115      0.343332
0.014667      0.177667    65.543234
 0.82802      1.360949    11.336115      0.343332
0.014667      0.074499   133.780916
 1.00000      1.360949    11.336115      0.343332
0.014667      0.363140   208.140868

 COMB DB-G2-2 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -12.348641  -169.026587     -0.418731
-0.013459     -0.802777  -261.360042
 0.48405    -12.348641  -169.026587     -0.418731
-0.013459     -0.514860  -152.392554
 0.65604    -12.348641  -169.026587     -0.418731
-0.013459     -0.230952   -86.369024
 0.82802    -12.348641  -169.026587     -0.418731
-0.013459     -0.095483   -39.261848
 1.00000    -12.348641  -169.026587     -0.418731
-0.013459     -0.331554    -0.007049

 COMB DB-G2-3 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      5.567695    58.474719      0.377047
0.014918      0.712663   214.229345
 0.48405      5.567695    58.474719      0.377047
0.014918      0.452927   176.069885
 0.65604      5.567695    58.474719      0.377047
0.014918      0.193248   159.089011
 0.82802      5.567695    58.474719      0.377047
0.014918      0.084570   196.549768
 1.00000      5.567695    58.474719      0.377047
0.014918      0.416850   238.981307

 COMB DB-G2-3 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -12.095471  -163.843132     -0.482047
-0.014405     -0.923797  -243.454026
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 REL DIST             P            V2            V3
        T           M2           M3
 0.48405    -12.095471  -163.843132     -0.482047
-0.014405     -0.592276  -138.444890
 0.65604    -12.095471  -163.843132     -0.482047
-0.014405     -0.264852   -77.347814
 0.82802    -12.095471  -163.843132     -0.482047
-0.014405     -0.111057   -35.584068
 1.00000    -12.095471  -163.843132     -0.482047
-0.014405     -0.363310    -0.006813

 COMB DL-G1-1 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      4.941244    55.814188      0.163192
0.000423      0.302695   148.175598
 0.48405      4.941244    55.814188      0.163192
0.000423      0.190255   109.768168
 0.65604      4.941244    55.814188      0.163192
0.000423      0.077804    71.412719
 0.82802      4.941244    55.814188      0.163192
0.000423      0.032637    33.347030
 1.00000      4.941244    55.814188      0.163192
0.000423      0.171360     1.302957

 COMB DL-G1-1 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207     -0.550720    -1.587239     -0.202088
-0.001400     -0.384923    -3.882893
 0.48405     -0.550720    -1.587239     -0.202088
-0.001400     -0.245563    -2.976396
 0.65604     -0.550720    -1.587239     -0.202088
-0.001400     -0.106225    -2.145405
 0.82802     -0.550720    -1.587239     -0.202088
-0.001400     -0.034477    -1.632906
 1.00000     -0.550720    -1.587239     -0.202088
-0.001400     -0.146906    -6.349927

 COMB DL-G1-2 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      6.832075    85.091568      0.237432
0.012191      0.419259   290.983844
 0.48405      6.832075    85.091568      0.237432
0.012191      0.260440   235.479686
 0.65604      6.832075    85.091568      0.237432
0.012191      0.103580   200.377432
 0.82802      6.832075    85.091568      0.237432
0.012191      0.060721   207.624143
 1.00000      6.832075    85.091568      0.237432
0.012191      0.292593   215.063249

 COMB DL-G1-2 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207     -5.077223   -88.870156     -0.338069
-0.013280     -0.649477   -79.270765
 0.48405     -5.077223   -88.870156     -0.338069
-0.013280     -0.417924   -20.754625
 0.65604     -5.077223   -88.870156     -0.338069
-0.013280     -0.191307    -0.598318
 0.82802     -5.077223   -88.870156     -0.338069
-0.013280     -0.094159    -0.163317
 1.00000     -5.077223   -88.870156     -0.338069
-0.013280     -0.256171     .000000

 COMB DL-G1-3 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      6.513879    77.523186      0.430137
0.013200      0.788080   274.820354
 0.48405      6.513879    77.523186      0.430137
0.013200      0.496497   224.944774
 0.65604      6.513879    77.523186      0.430137
0.013200      0.206893   195.884808
 0.82802      6.513879    77.523186      0.430137
0.013200      0.099900   211.279510
 1.00000      6.513879    77.523186      0.430137
0.013200      0.508224   249.011602
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 COMB DL-G1-3 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207     -8.784956  -137.233407     -0.593867
-0.013522     -1.138070  -179.183405
 0.48405     -8.784956  -137.233407     -0.593867
-0.013522     -0.730245   -87.764222
 0.65604     -8.784956  -137.233407     -0.593867
-0.013522     -0.327156   -35.112756
 0.82802     -8.784956  -137.233407     -0.593867
-0.013522     -0.124000    -4.274438
 1.00000     -8.784956  -137.233407     -0.593867
-0.013522     -0.418435     .000000

 COMB DL-G2-1 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      0.560699     1.603225      0.343544
0.001433      0.655387     5.442007
 0.48405      0.560699     1.603225      0.343544
0.001433      0.418781     4.349704
 0.65604      0.560699     1.603225      0.343544
0.001433      0.182114     3.273376
 0.82802      0.560699     1.603225      0.343544
0.001433      0.074270     2.242418
 1.00000      0.560699     1.603225      0.343544
0.001433      0.368583     1.340444

 COMB DL-G2-1 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207     -5.045920   -55.564187     -0.426453
-0.000412     -0.805813  -162.801609
 0.48405     -5.045920   -55.564187     -0.426453
-0.000412     -0.511940  -124.538653
 0.65604     -5.045920   -55.564187     -0.426453
-0.000412     -0.217819   -86.300886
 0.82802     -5.045920   -55.564187     -0.426453
-0.000412     -0.054830   -48.085155
 1.00000     -5.045920   -55.564187     -0.426453
-0.000412     -0.291335    -9.957326

 COMB DL-G2-2 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      1.261883    12.139205      0.463453
0.013536      0.864495    76.722162
 0.48405      1.261883    12.139205      0.463453
0.013536      0.549997    71.601989
 0.65604      1.261883    12.139205      0.463453
0.013536      0.237588    86.909920
 0.82802      1.261883    12.139205      0.463453
0.013536      0.109020   144.619406
 1.00000      1.261883    12.139205      0.463453
0.013536      0.533365   210.979394

 COMB DL-G2-2 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -10.774510  -161.274057     -0.615745
-0.012268     -1.173560  -268.782999
 0.48405    -10.774510  -161.274057     -0.615745
-0.012268     -0.750792  -160.403026
 0.65604    -10.774510  -161.274057     -0.615745
-0.012268     -0.332500   -90.379487
 0.82802    -10.774510  -161.274057     -0.615745
-0.012268     -0.115692   -40.100106
 1.00000    -10.774510  -161.274057     -0.615745
-0.012268     -0.433960    -0.007478

 COMB DL-G2-3 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      4.900565    61.143671      0.498564
0.013506      0.920929   248.897260
 0.48405      4.900565    61.143671      0.498564
0.013506      0.582622   210.222706
 0.65604      4.900565    61.143671      0.498564
0.013506      0.247075   191.967951
 0.82802      4.900565    61.143671      0.498564
0.013506      0.119055   216.126704
 1.00000      4.900565    61.143671      0.498564
0.013506      0.588757   247.293287
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 COMB DL-G2-3 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -10.458403  -153.767611     -0.682295
-0.012924     -1.303027  -248.625029
 0.48405    -10.458403  -153.767611     -0.682295
-0.012924     -0.834726  -145.744060
 0.65604    -10.458403  -153.767611     -0.682295
-0.012924     -0.371684   -81.240491
 0.82802    -10.458403  -153.767611     -0.682295
-0.012924     -0.136388   -36.460702
 1.00000    -10.458403  -153.767611     -0.682295
-0.012924     -0.476030    -0.007323

 COMB      DB ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      7.753807    79.886815      0.377047
0.014918      0.712663   255.753054
 0.48405      7.753807    79.886815      0.377047
0.014918      0.452927   202.793409
 0.65604      7.753807    79.886815      0.377047
0.014918      0.193248   170.350232
 0.82802      7.753807    79.886815      0.377047
0.014918      0.084570   196.549768
 1.00000      7.753807    79.886815      0.377047
0.014918      0.416850   240.415868

 COMB      DB ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -12.348641  -169.026587     -0.482047
-0.015049     -0.923797  -261.360042
 0.48405    -12.348641  -169.026587     -0.482047
-0.015049     -0.592276  -152.392554
 0.65604    -12.348641  -169.026587     -0.482047
-0.015049     -0.264852   -86.369024
 0.82802    -12.348641  -169.026587     -0.482047
-0.015049     -0.111057   -42.946285
 1.00000    -12.348641  -169.026587     -0.482047
-0.015049     -0.363310    -8.143060

 COMB      DL ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      6.832075    85.091568      0.498564
0.013536      0.920929   290.983844
 0.48405      6.832075    85.091568      0.498564
0.013536      0.582622   235.479686
 0.65604      6.832075    85.091568      0.498564
0.013536      0.247075   200.377432
 0.82802      6.832075    85.091568      0.498564
0.013536      0.119055   216.126704
 1.00000      6.832075    85.091568      0.498564
0.013536      0.588757   249.011602

 COMB      DL ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -10.774510  -161.274057     -0.682295
-0.013522     -1.303027  -268.782999
 0.48405    -10.774510  -161.274057     -0.682295
-0.013522     -0.834726  -160.403026
 0.65604    -10.774510  -161.274057     -0.682295
-0.013522     -0.371684   -90.379487
 0.82802    -10.774510  -161.274057     -0.682295
-0.013522     -0.136388   -48.085155
 1.00000    -10.774510  -161.274057     -0.682295
-0.013522     -0.476030    -9.957326

 COMB      CAR ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      7.753807    85.091568      0.498564
0.014918      0.920929   290.983844
 0.48405      7.753807    85.091568      0.498564
0.014918      0.582622   235.479686
 0.65604      7.753807    85.091568      0.498564
0.014918      0.247075   200.377432
 0.82802      7.753807    85.091568      0.498564
0.014918      0.119055   216.126704
 1.00000      7.753807    85.091568      0.498564
0.014918      0.588757   249.011602
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 COMB      CAR ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -12.348641  -169.026587     -0.682295
-0.015049    -1.303027  -268.782999
 0.48405    -12.348641  -169.026587     -0.682295
-0.015049    -0.834726  -160.403026
 0.65604    -12.348641  -169.026587     -0.682295
-0.015049    -0.371684   -90.379487
 0.82802    -12.348641  -169.026587     -0.682295
-0.015049    -0.136388   -48.085155
 1.00000    -12.348641  -169.026587     -0.682295
-0.015049    -0.476030    -9.957326

 COMB  DESIGN ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207      7.753807    85.091568      0.498564
0.014918      0.920929   290.983844
 0.48405      7.753807    85.091568      0.498564
0.014918      0.582622   235.479686
 0.65604      7.753807    85.091568      0.498564
0.014918      0.247075   200.377432
 0.82802      7.753807    85.091568      0.498564
0.014918      0.119055   216.126704
 1.00000      7.753807    85.091568      0.498564
0.014918      0.588757   249.011602

 COMB  DESIGN ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.31207    -12.348641  -169.026587     -0.682295
-0.015049     -1.303027  -268.782999
 0.48405    -12.348641  -169.026587     -0.682295
-0.015049     -0.834726  -160.403026
 0.65604    -12.348641  -169.026587     -0.682295
-0.015049     -0.371684   -90.379487
 0.82802    -12.348641  -169.026587     -0.682295
-0.015049     -0.136388   -48.085155
 1.00000    -12.348641  -169.026587     -0.682295
-0.015049     -0.476030    -9.957326

 ELEM       126 ========== LENGTH =
4.004444

 COMB DB-G1-1 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.00000      5.639834    50.838582      0.129387
0.000449      0.110243     0.997940
 0.17196      5.639834    50.838582      0.129387
0.000449      0.021145     1.532110
 0.34392      5.639834    50.838582      0.129387
0.000449      0.084268     2.359799
 0.51589      5.639834    50.838582      0.129387
0.000449      0.194105     3.280561
 0.68785      5.639834    50.838582      0.129387
0.000449      0.303952     4.223280

 COMB DB-G1-1 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.00000     -0.682691    -1.373729     -0.159523
-0.001349     -0.135438    -4.969172
 0.17196     -0.682691    -1.373729     -0.159523
-0.001349     -0.025560   -39.903776
 0.34392     -0.682691    -1.373729     -0.159523
-0.001349     -0.067928   -74.851805
 0.51589     -0.682691    -1.373729     -0.159523
-0.001349     -0.157032  -109.817044
 0.68785     -0.682691    -1.373729     -0.159523
-0.001349     -0.246129  -144.814665

 COMB DB-G1-2 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.00000     12.105259   169.565158      0.182722
0.013538      0.150226   211.486523
 0.17196     12.105259   169.565158      0.182722
0.013538      0.034162   133.200961
 0.34392     12.105259   169.565158      0.182722
0.013538      0.129730    64.756314
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 REL DIST             P            V2            V3
        T           M2           M3
 0.51589     12.105259   169.565158      0.182722
0.013538      0.305219    49.708449
 0.68785     12.105259   169.565158      0.182722
0.013538      0.498009    54.959171

 COMB DB-G1-2 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.00000     -1.393024   -11.073084     -0.282673
-0.014484     -0.280894     .000000
 0.17196     -1.393024   -11.073084     -0.282673
-0.014484     -0.086426   -35.783186
 0.34392     -1.393024   -11.073084     -0.282673
-0.014484     -0.101461   -83.042786
 0.51589     -1.393024   -11.073084     -0.282673
-0.014484     -0.227224  -149.595669
 0.68785     -1.393024   -11.073084     -0.282673
-0.014484     -0.353066  -259.377884

 COMB DB-G1-3 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.00000     11.848905   164.359993      0.327507
0.014498      0.272582   240.093053
 0.17196     11.848905   164.359993      0.327507
0.014498      0.057005   193.967486
 0.34392     11.848905   164.359993      0.327507
0.014498      0.219404   156.159781
 0.51589     11.848905   164.359993      0.327507
0.014498      0.515667   172.959958
 0.68785     11.848905   164.359993      0.327507
0.014498      0.829819   210.598972

 COMB DB-G1-3 ------------------- MIN

 REL DIST             P            V2            V3
        T           M2           M3
 0.00000     -5.705147   -57.983497     -0.459132
-0.014755     -0.435386     .000000
 0.17196     -5.705147   -57.983497     -0.459132
-0.014755     -0.121815   -32.474452
 0.34392     -5.705147   -57.983497     -0.459132
-0.014755     -0.178496   -74.371829
 0.51589     -5.705147   -57.983497     -0.459132
-0.014755     -0.403970  -135.987376
 0.68785     -5.705147   -57.983497     -0.459132
-0.014755     -0.629513  -241.784271

 COMB DB-G2-1 ------------------- MAX

 REL DIST             P            V2            V3
        T           M2           M3
 0.00000      0.679156     1.456102      0.258920
0.001448      0.219399     1.037586
```

0.17196	0.679156	1.456102	0.258920
0.001448	0.040986	27.521885	
0.34392	0.679156	1.456102	0.258920
0.001448	0.151011	62.540488	
0.51589	0.679156	1.456102	0.258920
0.001448	0.349874	97.604096	
0.68785	0.679156	1.456102	0.258920
0.001448	0.548852	132.699518	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.826997	-51.019074	-0.288958
-0.000522	-0.247275	-8.128504	
0.17196	-5.826997	-51.019074	-0.288958
-0.000522	-0.049233	-1.081055	
0.34392	-5.826997	-51.019074	-0.288958
-0.000522	-0.137184	-1.353095	
0.51589	-5.826997	-51.019074	-0.288958
-0.000522	-0.315487	-2.238922	
0.68785	-5.826997	-51.019074	-0.288958
-0.000522	-0.493782	-3.225101	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.760456	101.602800	0.346018
0.014509	0.288614	207.801741	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.17196	5.760456	101.602800	0.346018
0.014509	0.060101	186.641895	
0.34392	5.760456	101.602800	0.346018
0.014509	0.213188	165.618488	
0.51589	5.760456	101.602800	0.346018
0.014509	0.501217	197.992044	
0.68785	5.760456	101.602800	0.346018
0.014509	0.806731	250.533634	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.961676	-79.400662	-0.446511
-0.013363	-0.423712	-0.006889	
0.17196	-7.961676	-79.400662	-0.446511
-0.013363	-0.118316	.000000	
0.34392	-7.961676	-79.400662	-0.446511
-0.013363	-0.187968	-0.265874	
0.51589	-7.961676	-79.400662	-0.446511
-0.013363	-0.426192	-19.978381	
0.68785	-7.961676	-79.400662	-0.446511
-0.013363	-0.664475	-82.967317	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.023256	150.257879	0.377477
0.015151	0.314023	238.653418	
0.17196	10.023256	150.257879	0.377477
0.015151	0.064082	191.781171	
0.34392	10.023256	150.257879	0.377477
0.015151	0.246168	160.989434	
0.51589	10.023256	150.257879	0.377477
0.015151	0.577293	186.605805	
0.68785	10.023256	150.257879	0.377477
0.015151	0.926262	234.023887	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.609605	-72.160263	-0.509665
-0.014608	-0.478104	-0.006678	
0.17196	-7.609605	-72.160263	-0.509665
-0.014608	-0.128950	-4.264818	
0.34392	-7.609605	-72.160263	-0.509665
-0.014608	-0.205875	-36.526095	
0.51589	-7.609605	-72.160263	-0.509665
-0.014608	-0.465764	-88.642729	
0.68785	-7.609605	-72.160263	-0.509665
-0.014608	-0.725710	-184.953632	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.906329	55.540493	0.150308
0.000377	0.131555	1.303255	
0.17196	4.906329	55.540493	0.150308
0.000377	0.027985	1.900835	
0.34392	4.906329	55.540493	0.150308
0.000377	0.105587	2.860489	
0.51589	4.906329	55.540493	0.150308
0.000377	0.244029	3.914724	
0.68785	4.906329	55.540493	0.150308
0.000377	0.382456	4.999030	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.557833	-1.562312	-0.200853
-0.001309	-0.170190	-6.324186	
0.17196	-0.557833	-1.562312	-0.200853
-0.001309	-0.032404	-44.228591	
0.34392	-0.557833	-1.562312	-0.200853
-0.001309	-0.075306	-82.374370	
0.51589	-0.557833	-1.562312	-0.200853
-0.001309	-0.178815	-120.575921	
0.68785	-0.557833	-1.562312	-0.200853
-0.001309	-0.282348	-158.805932	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.514283	161.644974	0.215858
0.012299	0.182942	215.053934	
0.17196	10.514283	161.644974	0.215858
0.012299	0.042885	144.058082	
0.34392	10.514283	161.644974	0.215858
0.012299	0.167934	85.989468	
0.51589	10.514283	161.644974	0.215858
0.012299	0.401524	70.538432	
0.68785	10.514283	161.644974	0.215858
0.012299	0.649528	75.461873	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.326537	-11.806113	-0.362545
-0.013283	-0.349543	.000000	
0.17196	-1.326537	-11.806113	-0.362545
-0.013283	-0.101389	-35.767979	
0.34392	-1.326537	-11.806113	-0.362545
-0.013283	-0.116601	-86.004298	
0.51589	-1.326537	-11.806113	-0.362545
-0.013283	-0.264338	-156.488443	
0.68785	-1.326537	-11.806113	-0.362545
-0.013283	-0.412950	-265.102944	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.195597	154.170622	0.409658
0.012932	0.346302	249.016383	
0.17196	10.195597	154.170622	0.409658
0.012932	0.073257	213.572793	
0.34392	10.195597	154.170622	0.409658
0.012932	0.293210	189.002997	
0.51589	10.195597	154.170622	0.409658
0.012932	0.703766	206.989929	
0.68785	10.195597	154.170622	0.409658
0.012932	1.128545	245.396124	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.077058	-60.698590	-0.619099
-0.013280	-0.576814	.000000	
0.17196	-5.077058	-60.698590	-0.619099
-0.013280	-0.152980	-32.570525	
0.34392	-5.077058	-60.698590	-0.619099
-0.013280	-0.220292	-77.315958	
0.51589	-5.077058	-60.698590	-0.619099
-0.013280	-0.501454	-142.281853	
0.68785	-5.077058	-60.698590	-0.619099
-0.013280	-0.783528	-245.382287	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.551424	1.626549	0.342336
0.001423	0.290089	1.343524	
0.17196	0.551424	1.626549	0.342336
0.001423	0.054416	29.624362	
0.34392	0.551424	1.626549	0.342336
0.001423	0.219264	67.647357	
0.51589	0.551424	1.626549	0.342336
0.001423	0.511659	105.959150	
0.68785	0.551424	1.626549	0.342336
0.001423	0.803867	144.371084	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.082168	-55.841242	-0.424199
-0.000438	-0.364003	-9.941110	
0.17196	-5.082168	-55.841242	-0.424199
-0.000438	-0.071909	-1.440325	
0.34392	-5.082168	-55.841242	-0.424199
-0.000438	-0.181392	-1.932297	
0.51589	-5.082168	-55.841242	-0.424199
-0.000438	-0.417157	-2.790193	
0.68785	-5.082168	-55.841242	-0.424199
-0.000438	-0.652861	-3.696320	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.985548	89.254479	0.456552
0.013341	0.384477	210.960502	
0.17196	4.985548	89.254479	0.456552
0.013341	0.079499	203.086338	
0.34392	4.985548	89.254479	0.456552
0.013341	0.305144	195.364773	
0.51589	4.985548	89.254479	0.456552
0.013341	0.729801	230.296246	
0.68785	4.985548	89.254479	0.456552
0.013341	1.168615	285.590141	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.069937	-84.775535	-0.639687
-0.012173	-0.593506	-0.007180	
0.17196	-7.069937	-84.775535	-0.639687
-0.012173	-0.154608	.000000	
0.34392	-7.069937	-84.775535	-0.639687
-0.012173	-0.246933	-0.274348	
0.51589	-7.069937	-84.775535	-0.639687
-0.012173	-0.560269	-20.886659	
0.68785	-7.069937	-84.775535	-0.639687
-0.012173	-0.874606	-79.657325	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.585758	137.730428	0.482358
0.013616	0.404055	247.292129	
0.17196	8.585758	137.730428	0.482358
0.013616	0.081389	207.685691	
0.34392	8.585758	137.730428	0.482358
0.013616	0.340574	191.297325	
0.51589	8.585758	137.730428	0.482358
0.013616	0.811093	220.085195	
0.68785	8.585758	137.730428	0.482358
0.013616	1.295770	269.717637	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.752533	-77.182597	-0.706156
-0.013088	-0.649157	-0.007203	
0.17196	-6.752533	-77.182597	-0.706156
-0.013088	-0.164982	-2.806791	
0.34392	-6.752533	-77.182597	-0.706156
-0.013088	-0.262730	-33.023070	
0.51589	-6.752533	-77.182597	-0.706156
-0.013088	-0.593916	-86.128455	
0.68785	-6.752533	-77.182597	-0.706156
-0.013088	-0.926050	-177.847591	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.105259	169.565158	0.377477
0.015151	0.314023	240.093053	
0.17196	12.105259	169.565158	0.377477
0.015151	0.064082	193.967486	
0.34392	12.105259	169.565158	0.377477
0.015151	0.246168	165.618488	
0.51589	12.105259	169.565158	0.377477
0.015151	0.577293	197.992044	
0.68785	12.105259	169.565158	0.377477
0.015151	0.926262	250.533634	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.961676	-79.400662	-0.509665
-0.014755	-0.478104	-8.128504	
0.17196	-7.961676	-79.400662	-0.509665
-0.014755	-0.128950	-39.903776	
0.34392	-7.961676	-79.400662	-0.509665
-0.014755	-0.205875	-83.042786	
0.51589	-7.961676	-79.400662	-0.509665
-0.014755	-0.465764	-149.595669	
0.68785	-7.961676	-79.400662	-0.509665
-0.014755	-0.725710	-259.377884	

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.514283	161.644974	0.482358
0.013616	0.404055	249.016383	
0.17196	10.514283	161.644974	0.482358
0.013616	0.081389	213.572793	
0.34392	10.514283	161.644974	0.482358
0.013616	0.340574	195.364773	
0.51589	10.514283	161.644974	0.482358
0.013616	0.811093	230.296246	
0.68785	10.514283	161.644974	0.482358
0.013616	1.295770	285.590141	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.069937	-84.775535	-0.706156
-0.013283	-0.649157	-9.941110	
0.17196	-7.069937	-84.775535	-0.706156
-0.013283	-0.164982	-44.228591	
0.34392	-7.069937	-84.775535	-0.706156
-0.013283	-0.262730	-86.004298	
0.51589	-7.069937	-84.775535	-0.706156
-0.013283	-0.593916	-156.488443	
0.68785	-7.069937	-84.775535	-0.706156
-0.013283	-0.926050	-265.102944	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.105259	169.565158	0.482358
0.015151	0.404055	249.016383	
0.17196	12.105259	169.565158	0.482358
0.015151	0.081389	213.572793	
0.34392	12.105259	169.565158	0.482358
0.015151	0.340574	195.364773	
0.51589	12.105259	169.565158	0.482358
0.015151	0.811093	230.296246	
0.68785	12.105259	169.565158	0.482358
0.015151	1.295770	285.590141	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.961676	-84.775535	-0.706156
-0.014755	-0.649157	-9.941110	
0.17196	-7.961676	-84.775535	-0.706156
-0.014755	-0.164982	-44.228591	
0.34392	-7.961676	-84.775535	-0.706156
-0.014755	-0.262730	-86.004298	
0.51589	-7.961676	-84.775535	-0.706156
-0.014755	-0.593916	-156.488443	
0.68785	-7.961676	-84.775535	-0.706156
-0.014755	-0.926050	-265.102944	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.105259	169.565158	0.482358
0.015151	0.404055	249.016383	
0.17196	12.105259	169.565158	0.482358
0.015151	0.081389	213.572793	
0.34392	12.105259	169.565158	0.482358
0.015151	0.340574	195.364773	
0.51589	12.105259	169.565158	0.482358
0.015151	0.811093	230.296246	
0.68785	12.105259	169.565158	0.482358
0.015151	1.295770	285.590141	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.961676	-84.775535	-0.706156
-0.014755	-0.649157	-9.941110	
0.17196	-7.961676	-84.775535	-0.706156
-0.014755	-0.164982	-44.228591	
0.34392	-7.961676	-84.775535	-0.706156
-0.014755	-0.262730	-86.004298	
0.51589	-7.961676	-84.775535	-0.706156
-0.014755	-0.593916	-156.488443	
0.68785	-7.961676	-84.775535	-0.706156
-0.014755	-0.926050	-265.102944	

FRAME ELEMENT INTERNAL FORCES

ELEM 127 ========== LENGTH = 4.004051

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	6.546071	47.451409	0.119485
3.26E-05	0.227356	126.080534	
0.48414	6.546071	47.451409	0.119485
3.26E-05	0.145089	93.454979	
0.65609	6.546071	47.451409	0.119485
3.26E-05	0.062813	60.876012	
0.82805	6.546071	47.451409	0.119485
3.26E-05	0.024066	28.376615	
1.00000	6.546071	47.451409	0.119485
3.26E-05	0.128473	1.044551	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-0.498264	-0.991763	-0.151535
-0.001942	-0.288872	-2.969634	
0.48414	-0.498264	-0.991763	-0.151535
-0.001942	-0.184539	-2.355283	
0.65609	-0.498264	-0.991763	-0.151535
-0.001942	-0.080194	-1.773333	
0.82805	-0.498264	-0.991763	-0.151535
-0.001942	-0.019418	-1.502748	
1.00000	-0.498264	-0.991763	-0.151535
-0.001942	-0.101732	-4.844559	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	8.844299	76.306422	0.163000
0.012975	0.308632	246.065705	
0.48414	8.844299	76.306422	0.163000
0.012975	0.196702	196.570365	
0.65609	8.844299	76.306422	0.163000
0.012975	0.084764	167.759228	
0.82805	8.844299	76.306422	0.163000
0.012975	0.051038	191.251765	
1.00000	8.844299	76.306422	0.163000
0.012975	0.239861	215.039269	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-5.535924	-101.060469	-0.276657
-0.015096	-0.533091	-78.920237	
0.48414	-5.535924	-101.060469	-0.276657
-0.015096	-0.342771	-17.636181	
0.65609	-5.535924	-101.060469	-0.276657
-0.015096	-0.152954	-0.010129	
0.82805	-5.535924	-101.060469	-0.276657
-0.015096	-0.068160	.000000	
1.00000	-5.535924	-101.060469	-0.276657
-0.015096	-0.180380	-0.002490	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	8.261900	69.321361	0.319505
0.014722	0.606903	231.547003	
0.48414	8.261900	69.321361	0.319505
0.014722	0.387224	187.023259	
0.65609	8.261900	69.321361	0.319505
0.014722	0.167518	163.638081	
0.82805	8.261900	69.321361	0.319505
0.014722	0.082809	197.480947	
1.00000	8.261900	69.321361	0.319505
0.014722	0.414335	244.828365	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-10.469100	-147.962161	-0.483868
-0.015386	-0.929529	-176.624761	
0.48414	-10.469100	-147.962161	-0.483868
-0.015386	-0.596546	-83.419092	
0.65609	-10.469100	-147.962161	-0.483868
-0.015386	-0.264081	-34.421933	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.82805	-10.469100	-147.962161	-0.483868
-0.015386	-0.094000	-3.646076	
1.00000	-10.469100	-147.962161	-0.483868
-0.015386	-0.314013	-0.007609	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	0.470322	0.947750	0.273058
0.002063	0.520569	3.328014	
0.48414	0.470322	0.947750	0.273058
0.002063	0.332565	2.728068	
0.65609	0.470322	0.947750	0.273058
0.002063	0.144543	2.144303	
0.82805	0.470322	0.947750	0.273058
0.002063	0.054368	1.603278	
1.00000	0.470322	0.947750	0.273058
0.002063	0.281193	1.065349	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-6.742504	-47.235475	-0.329361
-0.000242	-0.625914	-137.829374	
0.48414	-6.742504	-47.235475	-0.329361
-0.000242	-0.399167	-105.317567	
0.65609	-6.742504	-47.235475	-0.329361
-0.000242	-0.172510	-72.838161	
0.82805	-6.742504	-47.235475	-0.329361
-0.000242	-0.043541	-40.372083	
1.00000	-6.742504	-47.235475	-0.329361
-0.000242	-0.231518	-7.970916	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	1.143258	11.348402	0.357186
0.015492	0.679886	56.992625	
0.48414	1.143258	11.348402	0.357186
0.015492	0.434257	52.332278	
0.65609	1.143258	11.348402	0.357186
0.015492	0.188602	68.355028	
0.82805	1.143258	11.348402	0.357186
0.015492	0.087819	136.680041	
1.00000	1.143258	11.348402	0.357186
0.015492	0.431371	211.432912	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-13.381103	-165.474453	-0.501416
-0.013145	-0.960604	-248.142158	
0.48414	-13.381103	-165.474453	-0.501416
-0.013145	-0.615535	-142.599213	
0.65609	-13.381103	-165.474453	-0.501416
-0.013145	-0.271026	-80.311001	
0.82805	-13.381103	-165.474453	-0.501416
-0.013145	-0.097935	-35.815072	
1.00000	-13.381103	-165.474453	-0.501416
-0.013145	-0.343939	.000000	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	5.955932	56.831285	0.378522
0.015503	0.719255	211.344900	
0.48414	5.955932	56.831285	0.378522

```
0.015503     0.458943   175.444655
 0.65609      5.955932    56.831285      0.378522
0.015503     0.198559   160.683301
 0.82805      5.955932    56.831285      0.378522
0.015503     0.095838   199.375453
 1.00000      5.955932    56.831285      0.378522
0.015503     0.475039   243.449498

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -12.896864  -160.536227     -0.553162
-0.014446    -1.059693  -231.371679
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 REL DIST            P            V2            V3
        T           M2           M3
 0.48414    -12.896864  -160.536227     -0.553162
-0.014446    -0.678999  -129.557058
 0.65609    -12.896864  -160.536227     -0.553162
-0.014446    -0.298875   -71.950339
 0.82805    -12.896864  -160.536227     -0.553162
-0.014446    -0.108264   -32.527740
 1.00000    -12.896864  -160.536227     -0.553162
-0.014446    -0.364211     .000000

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     5.765305    48.414615      0.112097
2.99E-05     0.209724   128.078151
 0.48414     5.765305    48.414615      0.112097
2.99E-05     0.132659    94.804739
 0.65609     5.765305    48.414615      0.112097
2.99E-05     0.056062    61.595542
 0.82805     5.765305    48.414615      0.112097
2.99E-05     0.030599    28.747880
 1.00000     5.765305    48.414615      0.112097
2.99E-05     0.167279     1.305443

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     -0.437391    -0.980570     -0.200861
-0.002046    -0.386044   -2.810698
 0.48414     -0.437391    -0.980570     -0.200861
-0.002046    -0.247626   -2.223867
 0.65609     -0.437391    -0.980570     -0.200861
-0.002046    -0.109586   -1.715165
 0.82805     -0.437391    -0.980570     -0.200861
-0.002046    -0.023684   -1.619902
 1.00000     -0.437391    -0.980570     -0.200861
-0.002046    -0.099518   -5.829655

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     7.879014    77.039661      0.175925
0.011820     0.320424   266.496938
 0.48414     7.879014    77.039661      0.175925
0.011820     0.201550   216.980093
 0.65609     7.879014    77.039661      0.175925
0.011820     0.083659   188.405891
 0.82805     7.879014    77.039661      0.175925
0.011820     0.064874   201.637863
 1.00000     7.879014    77.039661      0.175925
0.011820     0.326986   214.818085

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -4.850937   -88.411646     -0.388179
-0.014097    -0.753238   -76.255448
 0.48414    -4.850937   -88.411646     -0.388179
-0.014097    -0.488014   -18.374601
 0.65609    -4.850937   -88.411646     -0.388179
-0.014097    -0.223779    -0.005310
 0.82805    -4.850937   -88.411646     -0.388179
-0.014097    -0.077822     .000000
 1.00000    -4.850937   -88.411646     -0.388179
-0.014097    -0.194816    -0.001284

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     7.373364    69.997143      0.388382
0.013335     0.725666   253.445688
 0.48414     7.373364    69.997143      0.388382
0.013335     0.460492   209.315633
 0.65609     7.373364    69.997143      0.388382
0.013335     0.196204   186.591465
 0.82805     7.373364    69.997143      0.388382
0.013335     0.115227   207.932022
 1.00000     7.373364    69.997143      0.388382
0.013335     0.598913   248.576857
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 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     -9.077431  -132.825981     -0.708949
-0.014111    -1.364173  -165.694238
 0.48414     -9.077431  -132.825981     -0.708949
-0.014111    -0.877889   -77.733905
 0.65609     -9.077431  -132.825981     -0.708949
-0.014111    -0.392591   -29.734353
 0.82805     -9.077431  -132.825981     -0.708949
-0.014111    -0.111548   -2.367380
 1.00000     -9.077431  -132.825981     -0.708949
-0.014111    -0.374659    -0.003970

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     0.426662     0.968014      0.362110
0.002221     0.690331     3.710531
 0.48414     0.426662     0.968014      0.362110
0.002221     0.441037     3.096948
 0.65609     0.426662     0.968014      0.362110
0.002221     0.191813     2.490159
 0.82805     0.426662     0.968014      0.362110
0.002221     0.088535     1.907648
 1.00000     0.426662     0.968014      0.362110
0.002221     0.442958     1.324611

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     -5.971279   -48.393162     -0.513940
-0.000202    -0.971786  -142.543548
 0.48414     -5.971279   -48.393162     -0.513940
-0.000202    -0.617805  -109.258910
 0.65609     -5.971279   -48.393162     -0.513940
-0.000202    -0.263821   -75.979783
 0.82805     -5.971279   -48.393162     -0.513940
-0.000202    -0.057785   -42.696683
 1.00000     -5.971279   -48.393162     -0.513940
-0.000202    -0.306974    -9.417639

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     1.143840    11.921382      0.485060
0.014473     0.915562    73.911864
 0.48414     1.143840    11.921382      0.485060
0.014473     0.583623    69.274076
 0.65609     1.143840    11.921382      0.485060
0.014473     0.251951    85.694514
 0.82805     1.143840    11.921382      0.485060
0.014473     0.134090   144.029582
 1.00000     1.143840    11.921382      0.485060
0.014473     0.664263   210.720124

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -11.750423  -153.209784     -0.772065
-0.012023    -1.472009  -243.976283
 0.48414    -11.750423  -153.209784     -0.772065
-0.012023    -0.942223  -141.458404
 0.65609    -11.750423  -153.209784     -0.772065
-0.012023    -0.412743   -78.473491
 0.82805    -11.750423  -153.209784     -0.772065
-0.012023    -0.118309   -34.014981
 1.00000    -11.750423  -153.209784     -0.772065
-0.012023    -0.450051     .000000

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     5.358467    56.836272      0.489781
0.014192     0.920199   235.222940
 0.48414     5.358467    56.836272      0.489781
0.014192     0.585207   199.689784
 0.65609     5.358467    56.836272      0.489781
0.014192     0.251006   185.214771
 0.82805     5.358467    56.836272      0.489781
0.014192     0.140464   212.625704
 1.00000     5.358467    56.836272      0.489781
0.014192     0.713743   246.876949
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 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -11.241093  -146.232791     -0.838745
-0.013121    -1.607048  -226.237958
 0.48414    -11.241093  -146.232791     -0.838745
-0.013121    -1.031467  -128.627374
 0.65609    -11.241093  -146.232791     -0.838745
-0.013121    -0.456700   -70.562020
 0.82805    -11.241093  -146.232791     -0.838745
-0.013121    -0.129063   -30.981857
 1.00000    -11.241093  -146.232791     -0.838745
-0.013121    -0.459537     .000000

 COMB     DB ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     8.844299    76.306422      0.378522
0.015503     0.719255   246.065705
 0.48414     8.844299    76.306422      0.378522
0.015503     0.458943   196.570365
 0.65609     8.844299    76.306422      0.378522
0.015503     0.198559   167.759228
 0.82805     8.844299    76.306422      0.378522
0.015503     0.095838   199.375453
 1.00000     8.844299    76.306422      0.378522
0.015503     0.475039   244.828365

 COMB     DB ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -13.381103  -165.474453     -0.553162
-0.015386    -1.059693  -248.142158
 0.48414    -13.381103  -165.474453     -0.553162
-0.015386    -0.678999  -142.599213
 0.65609    -13.381103  -165.474453     -0.553162
-0.015386    -0.298875   -80.311001
 0.82805    -13.381103  -165.474453     -0.553162
-0.015386    -0.108264   -40.372083
 1.00000    -13.381103  -165.474453     -0.553162
-0.015386    -0.364211    -7.970916

 COMB     DL ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     7.879014    77.039661      0.489781
0.014473     0.920199   266.496938
 0.48414     7.879014    77.039661      0.489781
0.014473     0.585207   216.980093
 0.65609     7.879014    77.039661      0.489781
0.014473     0.251951   188.405891
 0.82805     7.879014    77.039661      0.489781
0.014473     0.140464   212.625704
 1.00000     7.879014    77.039661      0.489781
0.014473     0.713743   248.576857

 COMB     DL ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -11.750423  -153.209784     -0.838745
-0.014111    -1.607048  -243.976283
 0.48414    -11.750423  -153.209784     -0.838745
-0.014111    -1.031467  -141.458404
 0.65609    -11.750423  -153.209784     -0.838745
-0.014111    -0.456700   -78.473491
 0.82805    -11.750423  -153.209784     -0.838745
-0.014111    -0.129063   -42.696683
 1.00000    -11.750423  -153.209784     -0.838745
-0.014111    -0.459537    -9.417639

 COMB     CAR ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     8.844299    77.039661      0.489781
0.015503     0.920199   266.496938
 0.48414     8.844299    77.039661      0.489781
0.015503     0.585207   216.980093
 0.65609     8.844299    77.039661      0.489781
0.015503     0.251951   188.405891
 0.82805     8.844299    77.039661      0.489781
0.015503     0.140464   212.625704
 1.00000     8.844299    77.039661      0.489781
0.015503     0.713743   248.576857
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 COMB     CAR ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -13.381103  -165.474453     -0.838745
-0.015386    -1.607048  -248.142158
 0.48414    -13.381103  -165.474453     -0.838745
-0.015386    -1.031467  -142.599213
 0.65609    -13.381103  -165.474453     -0.838745
-0.015386    -0.456700   -80.311001
 0.82805    -13.381103  -165.474453     -0.838745
-0.015386    -0.129063   -42.696683
 1.00000    -13.381103  -165.474453     -0.838745
-0.015386    -0.459537    -9.417639

 COMB   DESIGN ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218     8.844299    77.039661      0.489781
0.015503     0.920199   266.496938
 0.48414     8.844299    77.039661      0.489781
0.015503     0.585207   216.980093
 0.65609     8.844299    77.039661      0.489781
0.015503     0.251951   188.405891
 0.82805     8.844299    77.039661      0.489781
0.015503     0.140464   212.625704
 1.00000     8.844299    77.039661      0.489781
0.015503     0.713743   248.576857

 COMB   DESIGN ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.31218    -13.381103  -165.474453     -0.838745
-0.015386    -1.607048  -248.142158
 0.48414    -13.381103  -165.474453     -0.838745
-0.015386    -1.031467  -142.599213
 0.65609    -13.381103  -165.474453     -0.838745
-0.015386    -0.456700   -80.311001
 0.82805    -13.381103  -165.474453     -0.838745
-0.015386    -0.129063   -42.696683
 1.00000    -13.381103  -165.474453     -0.838745
-0.015386    -0.459537    -9.417639

ELEM       128 ================== LENGTH =
4.005049

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     6.530113    47.615584      0.116737
2.17E-05     0.098879     1.045009
 0.17197     6.530113    47.615584      0.116737
2.17E-05     0.018462     1.561795
 0.34395     6.530113    47.615584      0.116737
2.17E-05     0.079817     2.082317
 0.51592     6.530113    47.615584      0.116737
2.17E-05     0.183701     2.644556
 0.68789     6.530113    47.615584      0.116737
2.17E-05     0.287584     3.224980

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.496220    -0.904865     -0.150834
-0.001889    -0.127974    -4.825301
 0.17197     -0.496220    -0.904865     -0.150834
-0.001889    -0.024043   -37.541821
 0.34395     -0.496220    -0.904865     -0.150834
-0.001889    -0.061919   -70.280857
 0.51592     -0.496220    -0.904865     -0.150834
-0.001889    -0.142338  -103.033955
 0.68789     -0.496220    -0.904865     -0.150834
-0.001889    -0.222742  -135.819728

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     13.292645   166.432169      0.159709
0.013128     0.134291   214.723325
 0.17197     13.292645   166.432169      0.159709
0.013128     0.029820   135.971324
 0.34395     13.292645   166.432169      0.159709
0.013128     0.139407    67.294618
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 REL DIST            P            V2            V3
        T           M2           M3
 0.51592     13.292645   166.432169      0.159709
0.013128     0.327312    51.427607
 0.68789     13.292645   166.432169      0.159709
0.013128     0.525229    55.779278

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -1.146223   -10.974352     -0.296077
-0.015237    -0.292460    -0.006147
 0.17197     -1.146223   -10.974352     -0.296077
-0.015237    -0.088394   -32.579299
 0.34395     -1.146223   -10.974352     -0.296077
-0.015237    -0.091484   -77.476937
 0.51592     -1.146223   -10.974352     -0.296077
-0.015237    -0.201302  -140.737371
 0.68789     -1.146223   -10.974352     -0.296077
-0.015237    -0.311124  -247.646743

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     12.810378   161.466246      0.315220
0.014501     0.265838   244.512592
 0.17197     12.810378   161.466246      0.315220
0.014501     0.054358   196.542146
 0.34395     12.810378   161.466246      0.315220
0.014501     0.246134   157.204626
 0.51592     12.810378   161.466246      0.315220
0.014501     0.576165   171.840230
 0.68789     12.810378   161.466246      0.315220
0.014501     0.916487   207.139415

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -6.006268   -56.020013     -0.503103
-0.015268    -0.471924    -0.011771
 0.17197     -6.006268   -56.020013     -0.503103
-0.015268    -0.127107   -29.634659
 0.34395     -6.006268   -56.020013     -0.503103
-0.015268    -0.174281   -69.429034
 0.51592     -6.006268   -56.020013     -0.503103
-0.015268    -0.391210  -127.992636
 0.68789     -6.006268   -56.020013     -0.503103
-0.015268    -0.608138  -231.166973

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     0.470933     1.044101      0.271261
0.002021     0.229725     1.064955
 0.17197     0.470933     1.044101      0.271261
0.002021     0.042762    25.049561
 0.34395     0.470933     1.044101      0.271261
0.002021     0.172867    57.289901
 0.51592     0.470933     1.044101      0.271261
0.002021     0.398120    89.611528
 0.68789     0.470933     1.044101      0.271261
0.002021     0.623444   121.982739

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -6.758045   -47.063708     -0.327210
-3.09E-05    -0.278133    -7.961899
 0.17197     -6.758045   -47.063708     -0.327210
-3.09E-05    -0.053216    -1.505448
 0.34395     -6.758045   -47.063708     -0.327210
-3.09E-05    -0.143930    -1.759563
 0.51592     -6.758045   -47.063708     -0.327210
-3.09E-05    -0.330782    -2.342114
 0.68789     -6.758045   -47.063708     -0.327210
-3.09E-05    -0.517616    -2.957361

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     5.618424   101.507313      0.355045
0.015251     0.300217   211.105892
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 REL DIST            P            V2            V3
        T           M2           M3
 0.17197     5.618424   101.507313      0.355045
0.015251     0.061226   186.595981
 0.34395     5.618424   101.507313      0.355045
0.015251     0.256003   162.386495
 0.51592     5.618424   101.507313      0.355045
0.015251     0.597511   190.988165
 0.68789     5.618424   101.507313      0.355045
0.015251     0.949108   239.809751

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -9.019211   -75.411927     -0.519266
-0.012925    -0.483802     .000000
 0.17197     -9.019211   -75.411927     -0.519266
-0.012925    -0.127366    -0.016764
 0.34395     -9.019211   -75.411927     -0.519266
-0.012925    -0.194664    -0.061540
 0.51592     -9.019211   -75.411927     -0.519266
-0.012925    -0.439018   -18.480430
 0.68789     -9.019211   -75.411927     -0.519266
-0.012925    -0.683381   -80.548923

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     10.505159   148.843232      0.374609
0.015597     0.315691   243.129551
 0.17197     10.505159   148.843232      0.374609
0.015597     0.063254   193.572430
 0.34395     10.505159   148.843232      0.374609
0.015597     0.283250   158.622717
 0.51592     10.505159   148.843232      0.374609
0.015597     0.660427   181.818868
 0.68789     10.505159   148.843232      0.374609
0.015597     1.047909   225.678945

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -8.436008   -68.457559     -0.571557
-0.014556    -0.529059     .000000
 0.17197     -8.436008   -68.457559     -0.571557
-0.014556    -0.136369    -2.271435
 0.34395     -8.436008   -68.457559     -0.571557
-0.014556    -0.206228   -33.234333
 0.51592     -8.436008   -68.457559     -0.571557
-0.014556    -0.464093   -83.140918
 0.68789     -8.436008   -68.457559     -0.571557
-0.014556    -0.721926  -177.658368

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     5.752600    48.676702      0.104478
2.04E-05     0.088803     1.306582
 0.17197     5.752600    48.676702      0.104478
2.04E-05     0.017762     1.861336
 0.34395     5.752600    48.676702      0.104478
2.04E-05     0.110802     2.421004
 0.51592     5.752600    48.676702      0.104478
2.04E-05     0.253391     3.003313
 0.68789     5.752600    48.676702      0.104478
2.04E-05     0.395874     3.596707

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.436405    -0.917093     -0.206591
-0.001965    -0.172952    -5.811871
 0.17197     -0.436405    -0.917093     -0.206591
-0.001965    -0.031719   -39.294884
 0.34395     -0.436405    -0.917093     -0.206591
-0.001965    -0.055146   -72.780966
 0.51592     -0.436405    -0.917093     -0.206591
-0.001965    -0.127074  -106.296526
 0.68789     -0.436405    -0.917093     -0.206591
-0.001965    -0.199046  -139.795974
 Program    SAP2000    Nonlinear    Version    7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.638781	154.104364	0.166085
0.012020	0.136956	214.821731	
0.17197	11.638781	154.104364	0.166085
0.012020	0.031132	143.616129	
0.34395	11.638781	154.104364	0.166085
0.012020	0.199028	84.751249	
0.51592	11.638781	154.104364	0.166085
0.012020	0.473834	68.104309	
0.68789	11.638781	154.104364	0.166085
0.012020	0.755557	72.441774	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.127708	-11.505930	-0.417412
-0.014146	-0.394634	-0.003843	
0.17197	-1.127708	-11.505930	-0.417412
-0.014146	-0.108602	-30.320005	
0.34395	-1.127708	-11.505930	-0.417412
-0.014146	-0.092727	-75.040622	
0.51592	-1.127708	-11.505930	-0.417412
-0.014146	-0.206886	-138.995530	
0.68789	-1.127708	-11.505930	-0.417412
-0.014146	-0.321288	-242.173792	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.136172	147.118291	0.378141
0.013200	0.316050	248.588863	
0.17197	11.136172	147.118291	0.378141
0.013200	0.064567	209.950227	
0.34395	11.136172	147.118291	0.378141
0.013200	0.357451	181.782764	
0.51592	11.136172	147.118291	0.378141
0.013200	0.850323	195.803736	
0.68789	11.136172	147.118291	0.378141
0.013200	1.350018	230.821868	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.379878	-56.053791	-0.733792
-0.013892	-0.671502	-0.006981	
0.17197	-5.379878	-56.053791	-0.733792
-0.013892	-0.167958	-27.664714	
0.34395	-5.379878	-56.053791	-0.733792
-0.013892	-0.205892	-67.496162	
0.51592	-5.379878	-56.053791	-0.733792
-0.013892	-0.466079	-126.529212	
0.68789	-5.379878	-56.053791	-0.733792
-0.013892	-0.726536	-224.786866	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.426795	1.039331	0.359795
0.002135	0.304720	1.324166	
0.17197	0.426795	1.039331	0.359795
0.002135	0.056899	25.086811	
0.34395	0.426795	1.039331	0.359795
0.002135	0.264113	57.749161	
0.51592	0.426795	1.039331	0.359795
0.002135	0.611917	90.737167	
0.68789	0.426795	1.039331	0.359795
0.002135	0.959517	123.820488	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.984085	-48.125797	-0.504573
-2.77E-05	-0.430057	-9.405127	
0.17197	-5.984085	-48.125797	-0.504573
-2.77E-05	-0.082251	-1.686414	
0.34395	-5.984085	-48.125797	-0.504573
-2.77E-05	-0.191008	-1.822774	
0.51592	-5.984085	-48.125797	-0.504573
-2.77E-05	-0.438735	-2.350221	
0.68789	-5.984085	-48.125797	-0.504573
-2.77E-05	-0.686527	-2.959699	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.929024	88.933911	0.482125
0.014247	0.405164	210.713152	
0.17197	4.929024	88.933911	0.482125
0.014247	0.082320	196.728558	
0.34395	4.929024	88.933911	0.482125
0.014247	0.385376	182.810093	
0.51592	4.929024	88.933911	0.482125
0.014247	0.912803	210.863240	
0.68789	4.929024	88.933911	0.482125
0.014247	1.446873	259.829383	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.053052	-76.239537	-0.784092
-0.011750	-0.713334	.000000	
0.17197	-8.053052	-76.239537	-0.784092
-0.011750	-0.174372	-0.017730	
0.34395	-8.053052	-76.239537	-0.784092
-0.011750	-0.259968	-0.067216	
0.51592	-8.053052	-76.239537	-0.784092
-0.011750	-0.591792	-19.149769	
0.68789	-8.053052	-76.239537	-0.784092
-0.011750	-0.923843	-77.405356	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.117554	133.713985	0.481761
0.014253	0.403304	246.883383	
0.17197	9.117554	133.713985	0.481761
0.014253	0.080927	204.111288	
0.34395	9.117554	133.713985	0.481761
0.014253	0.422539	181.518543	
0.51592	9.117554	133.713985	0.481761
0.014253	0.999956	203.677832	
0.68789	9.117554	133.713985	0.481761
0.014253	1.584052	247.250670	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.540642	-69.215245	-0.856609
-0.013123	-0.775788	.000000	
0.17197	-7.540642	-69.215245	-0.856609
-0.013123	-0.187259	-1.378826	
0.34395	-7.540642	-69.215245	-0.856609
-0.013123	-0.261490	-28.477153	
0.51592	-7.540642	-69.215245	-0.856609
-0.013123	-0.592970	-77.392944	
0.68789	-7.540642	-69.215245	-0.856609
-0.013123	-0.924761	-165.989721	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.292645	166.432169	0.374609
0.015597	0.315691	244.512592	
0.17197	13.292645	166.432169	0.374609
0.015597	0.063254	196.542146	
0.34395	13.292645	166.432169	0.374609
0.015597	0.283250	162.386495	
0.51592	13.292645	166.432169	0.374609
0.015597	0.660427	190.988165	
0.68789	13.292645	166.432169	0.374609
0.015597	1.047909	239.809751	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.019211	-75.411927	-0.571557
-0.015268	-0.529059	-7.961899	
0.17197	-9.019211	-75.411927	-0.571557
-0.015268	-0.136369	-37.541821	
0.34395	-9.019211	-75.411927	-0.571557
-0.015268	-0.206228	-77.476937	
0.51592	-9.019211	-75.411927	-0.571557
-0.015268	-0.464093	-140.737371	
0.68789	-9.019211	-75.411927	-0.571557
-0.015268	-0.721926	-247.646743	

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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.638781	154.104364	0.482125
0.014253	0.405164	248.588863	
0.17197	11.638781	154.104364	0.482125
0.014253	0.082320	209.950227	
0.34395	11.638781	154.104364	0.482125
0.014253	0.422539	182.810093	
0.51592	11.638781	154.104364	0.482125
0.014253	0.999956	210.863240	
0.68789	11.638781	154.104364	0.482125
0.014253	1.584052	259.829383	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.053052	-76.239537	-0.856609
-0.014146	-0.775788	-9.405127	
0.17197	-8.053052	-76.239537	-0.856609
-0.014146	-0.187259	-39.294884	
0.34395	-8.053052	-76.239537	-0.856609
-0.014146	-0.261490	-75.040622	
0.51592	-8.053052	-76.239537	-0.856609
-0.014146	-0.592970	-138.995530	
0.68789	-8.053052	-76.239537	-0.856609
-0.014146	-0.924761	-242.173792	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.292645	166.432169	0.482125
0.015597	0.405164	248.588863	
0.17197	13.292645	166.432169	0.482125
0.015597	0.082320	209.950227	
0.34395	13.292645	166.432169	0.482125
0.015597	0.422539	182.810093	
0.51592	13.292645	166.432169	0.482125
0.015597	0.999956	210.863240	
0.68789	13.292645	166.432169	0.482125
0.015597	1.584052	259.829383	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.019211	-76.239537	-0.856609
-0.015268	-0.775788	-9.405127	
0.17197	-9.019211	-76.239537	-0.856609
-0.015268	-0.187259	-39.294884	
0.34395	-9.019211	-76.239537	-0.856609
-0.015268	-0.261490	-77.476937	
0.51592	-9.019211	-76.239537	-0.856609
-0.015268	-0.592970	-140.737371	
0.68789	-9.019211	-76.239537	-0.856609
-0.015268	-0.924761	-247.646743	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.292645	166.432169	0.482125
0.015597	0.405164	248.588863	
0.17197	13.292645	166.432169	0.482125
0.015597	0.082320	209.950227	
0.34395	13.292645	166.432169	0.482125
0.015597	0.422539	182.810093	
0.51592	13.292645	166.432169	0.482125
0.015597	0.999956	210.863240	
0.68789	13.292645	166.432169	0.482125
0.015597	1.584052	259.829383	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.019211	-76.239537	-0.856609
-0.015268	-0.775788	-9.405127	
0.17197	-9.019211	-76.239537	-0.856609
-0.015268	-0.187259	-39.294884	
0.34395	-9.019211	-76.239537	-0.856609
-0.015268	-0.261490	-77.476937	
0.51592	-9.019211	-76.239537	-0.856609
-0.015268	-0.592970	-140.737371	
0.68789	-9.019211	-76.239537	-0.856609
-0.015268	-0.924761	-247.646743	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 129 ========== LENGTH = 4.004705

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	7.591186	39.140093	0.108483
4.02E-05	0.207222	101.710558	
0.48410	7.591186	39.140093	0.108483
4.02E-05	0.132515	74.771373	
0.65607	7.591186	39.140093	0.108483
4.02E-05	0.057807	47.934056	
0.82803	7.591186	39.140093	0.108483
4.02E-05	0.022275	21.249954	
1.00000	7.591186	39.140093	0.108483
4.02E-05	0.121139	1.084275	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-0.440723	-3.070967	-0.143405
-0.002670	-0.273882	-8.569139	
0.48410	-0.440723	-3.070967	-0.143405
-0.002670	-0.175122	-6.462655	
0.65607	-0.440723	-3.070967	-0.143405
-0.002670	-0.076358	-4.402603	
0.82803	-0.440723	-3.070967	-0.143405
-0.002670	-0.016850	-2.726104	
1.00000	-0.440723	-3.070967	-0.143405
-0.002670	-0.091642	-6.559662	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	10.135400	69.800144	0.158940
0.013965	0.294616	218.356692	
0.48410	10.135400	69.800144	0.158940
0.013965	0.188187	174.643453	
0.65607	10.135400	69.800144	0.158940
0.013965	0.081695	156.989644	
0.82803	10.135400	69.800144	0.158940
0.013965	0.052122	188.161134	
1.00000	10.135400	69.800144	0.158940
0.013965	0.248987	219.736506	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-5.604521	-105.155877	-0.296362
-0.016761	-0.571115	-83.216730	
0.48410	-5.604521	-105.155877	-0.296362
-0.016761	-0.367017	-19.622329	
0.65607	-5.604521	-105.155877	-0.296362
-0.016761	-0.162978	-1.987339	
0.82803	-5.604521	-105.155877	-0.296362
-0.016761	-0.067014	-0.241400	
1.00000	-5.604521	-105.155877	-0.296362
-0.016761	-0.175641	-0.046398	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	9.398604	65.645848	0.324584
0.016255	0.610484	210.889323	
0.48410	9.398604	65.645848	0.324584
0.016255	0.390047	170.302278	
0.65607	9.398604	65.645848	0.324584
0.016255	0.169532	156.482030	
0.82803	9.398604	65.645848	0.324584
0.016255	0.088243	197.841389	
1.00000	9.398604	65.645848	0.324584
0.016255	0.450738	250.683239	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-11.251832	-145.858868	-0.537008
-0.016868	-1.032349	-163.566242	
0.48410	-11.251832	-145.858868	-0.537008
-0.016868	-0.662519	-72.188629	
0.65607	-11.251832	-145.858868	-0.537008
-0.016868	-0.292758	-27.781745	

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REL DIST	P	V2	V3
T	M2	M3	
0.82803	-11.251832	-145.858868	-0.537008
-0.016868	-0.094059	-0.664346	
1.00000	-11.251832	-145.858868	-0.537008
-0.016868	-0.316787	-0.057125	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	0.439754	3.637044	0.282813
0.002905	0.539859	9.407415	
0.48410	0.439754	3.637044	0.282813
0.002905	0.345095	6.929595	
0.65607	0.439754	3.637044	0.282813
0.002905	0.150311	4.485927	
0.82803	0.439754	3.637044	0.282813
0.002905	0.059241	2.135214	
1.00000	0.439754	3.637044	0.282813
0.002905	0.314914	1.147943	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-7.717060	-37.218713	-0.371395
-0.000293	-0.708190	-111.296367	
0.48410	-7.717060	-37.218713	-0.371395
-0.000293	-0.452423	-85.685952	
0.65607	-7.717060	-37.218713	-0.371395
-0.000293	-0.196662	-60.109950	
0.82803	-7.717060	-37.218713	-0.371395
-0.000293	-0.044600	-34.545777	
1.00000	-7.717060	-37.218713	-0.371395
-0.000293	-0.239265	-9.097817	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	1.113616	17.730756	0.379613
0.017472	0.716083	65.462400	
0.48410	1.113616	17.730756	0.379613
0.017472	0.457683	57.609296	
0.65607	1.113616	17.730756	0.379613
0.017472	0.199211	75.820890	
0.82803	1.113616	17.730756	0.379613
0.017472	0.097451	142.813742	
1.00000	1.113616	17.730756	0.379613
0.017472	0.492505	217.046063	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-14.731947	-155.265052	-0.584257
-0.014019	-1.120662	-215.115676	
0.48410	-14.731947	-155.265052	-0.584257
-0.014019	-0.718299	-117.014911	
0.65607	-14.731947	-155.265052	-0.584257
-0.014019	-0.316007	-64.856393	
0.82803	-14.731947	-155.265052	-0.584257
-0.014019	-0.101453	-28.479238	
1.00000	-14.731947	-155.265052	-0.584257
-0.014019	-0.362083	-0.035874	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	6.650017	58.310082	0.391151
0.017397	0.737224	206.754776	
0.48410	6.650017	58.310082	0.391151
0.017397	0.470944	171.044987	
0.65607	6.650017	58.310082	0.391151
0.017397	0.204563	161.976175	
0.82803	6.650017	58.310082	0.391151
0.017397	0.103689	202.763756	
1.00000	6.650017	58.310082	0.391151
0.017397	0.526769	249.736410	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-14.093117	-152.908259	-0.628100
-0.015743	-1.212322	-201.738203	

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REL DIST	P	V2	V3
T	M2	M3	
0.48410	-14.093117	-152.908259	-0.628100
-0.015743	-0.779942	-106.480435	
0.65607	-14.093117	-152.908259	-0.628100
-0.015743	-0.347894	-58.176674	
0.82803	-14.093117	-152.908259	-0.628100
-0.015743	-0.106320	-26.008648	
1.00000	-14.093117	-152.908259	-0.628100
-0.015743	-0.373447	-0.052348	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	6.396935	36.209772	0.092695
3.99E-05	0.176941	93.848949	
0.48410	6.396935	36.209772	0.092695
3.99E-05	0.113129	68.983449	
0.65607	6.396935	36.209772	0.092695
3.99E-05	0.049273	44.189831	
0.82803	6.396935	36.209772	0.092695
3.99E-05	0.033102	19.610935	
1.00000	6.396935	36.209772	0.092695
3.99E-05	0.194069	1.259257	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-0.373209	-2.642493	-0.234881
-0.003171	-0.452605	-7.294741	
0.48410	-0.373209	-2.642493	-0.234881
-0.003171	-0.290704	-5.524622	
0.65607	-0.373209	-2.642493	-0.234881
-0.003171	-0.128419	-4.017509	
0.82803	-0.373209	-2.642493	-0.234881
-0.003171	-0.015203	-3.193454	
1.00000	-0.373209	-2.642493	-0.234881
-0.003171	-0.078438	-7.151437	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	8.643842	65.840583	0.157361
0.012162	0.289597	226.618962	
0.48410	8.643842	65.840583	0.157361
0.012162	0.183445	184.066116	
0.65607	8.643842	65.840583	0.157361
0.012162	0.078584	164.289123	
0.82803	8.643842	65.840583	0.157361
0.012162	0.074108	186.806620	
1.00000	8.643842	65.840583	0.157361
0.012162	0.397689	209.907042	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-4.791993	-90.045523	-0.481678
-0.016137	-0.933266	-78.426125	
0.48410	-4.791993	-90.045523	-0.481678
-0.016137	-0.603619	-19.145637	
0.65607	-4.791993	-90.045523	-0.481678
-0.016137	-0.274253	-1.518332	
0.82803	-4.791993	-90.045523	-0.481678
-0.016137	-0.067590	-0.200733	
1.00000	-4.791993	-90.045523	-0.481678
-0.016137	-0.172688	-0.058773	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31213	8.033924	61.844895	0.382730
0.014422	0.719470	222.009709	
0.48410	8.033924	61.844895	0.382730
0.014422	0.458127	183.607289	
0.65607	8.033924	61.844895	0.382730
0.014422	0.198103	168.515864	
0.82803	8.033924	61.844895	0.382730
0.014422	0.131260	198.612686	
1.00000	8.033924	61.844895	0.382730
0.014422	0.715549	242.356415	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31213	-9.433429	-125.875562	-0.859121
-0.015890	-1.654707	-147.021545	
0.48410	-9.433429	-125.875562	-0.859121
-0.015890	-1.065058	-63.547302	
0.65607	-9.433429	-125.875562	-0.859121
-0.015890	-0.475574	-22.246793	
0.82803	-9.433429	-125.875562	-0.859121
-0.015890	-0.103664	-0.315891	

```
 1.00000     -9.433429  -125.875562     -0.859121
-0.015890    -0.363673    -0.070655

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213     0.376825     3.284428     0.376100
0.003508     0.717966     8.783698
  0.48410     0.376825     3.284428     0.376100
0.003508     0.458985     6.545631
  0.65607     0.376825     3.284428     0.376100
0.003508     0.199993     4.348050
  0.82803     0.376825     3.284428     0.376100
0.003508     0.096819     2.269607
  1.00000     0.376825     3.284428     0.376100
0.003508     0.506703     1.329492

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213    -6.520076    -34.561514     -0.594247
-0.000246    -1.129759  -104.144214
  0.48410    -6.520076    -34.561514     -0.594247
-0.000246    -0.720384    -80.384551
  0.65607    -6.520076    -34.561514     -0.594247
-0.000246    -0.310838    -56.655935
  0.82803    -6.520076    -34.561514     -0.594247
-0.000246    -0.059166    -33.104518
  1.00000    -6.520076    -34.561514     -0.594247
-0.000246    -0.318169    -10.214638

 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213     1.083310     17.891765     0.507579
0.016272     0.958578     83.437643
  0.48410     1.083310     17.891765     0.507579
0.016272     0.611231     73.905481
  0.65607     1.083310     17.891765     0.507579
0.016272     0.265241     87.308088
  0.82803     1.083310     17.891765     0.507579
0.016272     0.151381    143.913924
  1.00000     1.083310     17.891765     0.507579
0.016272     0.781344    206.437948

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213    -12.447221   -136.393060     -0.922533
-0.012689    -1.763753  -198.549476
  0.48410    -12.447221   -136.393060     -0.922533
-0.012689    -1.130398  -107.343919
  0.65607    -12.447221   -136.393060     -0.922533
-0.012689    -0.497436   -57.784197
  0.82803    -12.447221   -136.393060     -0.922533
-0.012689    -0.120896   -24.501032
  1.00000    -12.447221   -136.393060     -0.922533
-0.012689    -0.468361    -0.047969

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213     5.724851     55.417765     0.498718
0.015837     0.940417    221.090865
  0.48410     5.724851     55.417765     0.498718
0.015837     0.599224    186.141313
  0.65607     5.724851     55.417765     0.498718
0.015837     0.259460    174.009936
  0.82803     5.724851     55.417765     0.498718
0.015837     0.158577    205.067736
  1.00000     5.724851     55.417765     0.498718
0.015837     0.845403    240.913103
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213    -11.836038   -132.194943     -1.009641
-0.014404    -1.941275  -185.303803
  0.48410    -11.836038   -132.194943     -1.009641
-0.014404    -1.247997   -97.822941
  0.65607    -11.836038   -132.194943     -1.009641
-0.014404    -0.555176   -51.997356
  0.82803    -11.836038   -132.194943     -1.009641
-0.014404    -0.123791   -22.421059
  1.00000    -11.836038   -132.194943     -1.009641
-0.014404    -0.462555    -0.065117

 COMB      DB ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213     10.135400     69.800144     0.391151
0.017472     0.737224    218.356692
  0.48410     10.135400     69.800144     0.391151
0.017472     0.470944    174.643453
  0.65607     10.135400     69.800144     0.391151
0.017472     0.204563    161.976175
  0.82803     10.135400     69.800144     0.391151
0.017472     0.103689    202.763756
  1.00000     10.135400     69.800144     0.391151
0.017472     0.526769    250.683239

 COMB      DB ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213    -14.731947   -155.265052     -0.628100
-0.016868    -1.212322  -215.115676
  0.48410    -14.731947   -155.265052     -0.628100
-0.016868    -0.779942  -117.014911
  0.65607    -14.731947   -155.265052     -0.628100
-0.016868    -0.347894   -64.856393
  0.82803    -14.731947   -155.265052     -0.628100
-0.016868    -0.106320   -34.545777
  1.00000    -14.731947   -155.265052     -0.628100
-0.016868    -0.373447    -9.097817

 COMB      DL ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213     8.643842     65.840583     0.507579
0.016272     0.958578    226.618962
  0.48410     8.643842     65.840583     0.507579
0.016272     0.611231    186.141313
  0.65607     8.643842     65.840583     0.507579
0.016272     0.265241    174.009936
  0.82803     8.643842     65.840583     0.507579
0.016272     0.158577    205.067736
  1.00000     8.643842     65.840583     0.507579
0.016272     0.845403    242.356415

 COMB      DL ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213    -12.447221   -136.393060     -1.009641
-0.016137    -1.941275  -198.549476
  0.48410    -12.447221   -136.393060     -1.009641
-0.016137    -1.247997  -107.343919
  0.65607    -12.447221   -136.393060     -1.009641
-0.016137    -0.555176   -57.784197
  0.82803    -12.447221   -136.393060     -1.009641
-0.016137    -0.123791   -33.104518
  1.00000    -12.447221   -136.393060     -1.009641
-0.016137    -0.468361   -10.214638

 COMB      CAR ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213     10.135400     69.800144     0.507579
0.017472     0.958578    226.618962
  0.48410     10.135400     69.800144     0.507579
0.017472     0.611231    186.141313
  0.65607     10.135400     69.800144     0.507579
0.017472     0.265241    174.009936
  0.82803     10.135400     69.800144     0.507579
0.017472     0.158577    205.067736
  1.00000     10.135400     69.800144     0.507579
0.017472     0.845403    250.683239
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 COMB      CAR ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213    -14.731947   -155.265052     -1.009641
-0.016868    -1.941275  -215.115676
  0.48410    -14.731947   -155.265052     -1.009641
-0.016868    -1.247997  -117.014911
  0.65607    -14.731947   -155.265052     -1.009641
-0.016868    -0.555176   -64.856393
  0.82803    -14.731947   -155.265052     -1.009641
-0.016868    -0.123791   -34.545777
  1.00000    -14.731947   -155.265052     -1.009641
-0.016868    -0.468361   -10.214638

 COMB   DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213     10.135400     69.800144     0.507579
0.017472     0.958578    226.618962
  0.48410     10.135400     69.800144     0.507579
0.017472     0.611231    186.141313
  0.65607     10.135400     69.800144     0.507579
0.017472     0.265241    174.009936
  0.82803     10.135400     69.800144     0.507579
0.017472     0.158577    205.067736
  1.00000     10.135400     69.800144     0.507579
0.017472     0.845403    250.683239

 COMB   DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.31213    -14.731947   -155.265052     -1.009641
-0.016868    -1.941275  -215.115676
  0.48410    -14.731947   -155.265052     -1.009641
-0.016868    -1.247997  -117.014911
  0.65607    -14.731947   -155.265052     -1.009641
-0.016868    -0.555176   -64.856393
  0.82803    -14.731947   -155.265052     -1.009641
-0.016868    -0.123791   -34.545777
  1.00000    -14.731947   -155.265052     -1.009641
-0.016868    -0.468361   -10.214638

 ELEM      130 ================== LENGTH =
4.005654

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     7.505103     37.827338     0.108082
2.76E-05     0.091477     1.080874
  0.17199     7.505103     37.827338     0.108082
2.76E-05     0.016944     2.184019
  0.34397     7.505103     37.827338     0.108082
2.76E-05     0.076132     4.331743
  0.51596     7.505103     37.827338     0.108082
2.76E-05     0.175151     6.547627
  0.68794     7.505103     37.827338     0.108082
2.76E-05     0.274165     8.789369

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.471625    -3.275020     -0.143736
-0.002690    -0.121917    -6.540559
  0.17199    -0.471625    -3.275020     -0.143736
-0.002690    -0.022854   -32.325696
  0.34397    -0.471625    -3.275020     -0.143736
-0.002690    -0.057442   -58.294805
  0.51596    -0.471625    -3.275020     -0.143736
-0.002690    -0.131901   -84.288006
  0.68794    -0.471625    -3.275020     -0.143736
-0.002690    -0.206360  -110.324742

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     14.465384     156.555370     0.153768
0.013788     0.129407    219.410561
  0.17199     14.465384     156.555370     0.153768
0.013788     0.029125    142.342937
  0.34397     14.465384     156.555370     0.153768
0.013788     0.151262     74.571387
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.51596     14.465384     156.555370     0.153768
0.013788     0.352759     55.991571
  0.68794     14.465384     156.555370     0.153768
0.013788     0.554289     62.893278

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -1.314130    -16.964612     -0.305621
-0.017158    -0.298928    -0.045827
  0.17199    -1.314130    -16.964612     -0.305621
-0.017158    -0.089075   -25.928207
  0.34397    -1.314130    -16.964612     -0.305621
-0.017158    -0.082928   -62.913829
  0.51596    -1.314130    -16.964612     -0.305621
-0.017158    -0.188288  -116.315475
  0.68794    -1.314130    -16.964612     -0.305621
-0.017158    -0.294231  -216.096827

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     13.814016     154.372326     0.318105
0.015636     0.268100    250.359345
  0.17199     13.814016     154.372326     0.318105
0.015636     0.054637    200.178493
  0.34397     13.814016     154.372326     0.318105
0.015636     0.277217    158.257272
  0.51596     13.814016     154.372326     0.318105
0.015636     0.643771    166.576381
  0.68794     13.814016     154.372326     0.318105
0.015636     1.010429    200.946619

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -6.942254    -56.971978     -0.545604
-0.017113    -0.504541    -0.056951
  0.17199    -6.942254    -56.971978     -0.545604
-0.017113    -0.130406    -23.760635
  0.34397    -6.942254    -56.971978     -0.545604
-0.017113    -0.170686    -56.503389
  0.51596    -6.942254    -56.971978     -0.545604
-0.017113    -0.389262  -106.025196
  0.68794    -6.942254    -56.971978     -0.545604
-0.017113    -0.608418  -203.179914

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     0.408123     3.430393     0.281298
0.002816     0.237677     1.153396
  0.17199     0.408123     3.430393     0.281298
0.002816     0.043754    18.202485
  0.34397     0.408123     3.430393     0.281298
0.002816     0.197576    44.473452
  0.51596     0.408123     3.430393     0.281298
0.002816     0.451998    70.900695
  0.68794     0.408123     3.430393     0.281298
0.002816     0.706448    97.427944

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -7.803065    -38.531285     -0.369360
-3.81E-05    -0.311457    -9.085665
  0.17199    -7.803065    -38.531285     -0.369360
-3.81E-05    -0.057032    -3.539611
  0.34397    -7.803065    -38.531285     -0.369360
-3.81E-05    -0.149884    -5.365889
  0.51596    -7.803065    -38.531285     -0.369360
-3.81E-05    -0.343692    -7.640166
  0.68794    -7.803065    -38.531285     -0.369360
-3.81E-05    -0.537482    -9.963649

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     5.520886     106.063911     0.373186
0.017013     0.315002    216.710293
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.17199     5.520886     106.063911     0.373186
0.017013     0.063482    183.769258
  0.34397     5.520886     106.063911     0.373186
0.017013     0.303545    151.722945
  0.51596     5.520886     106.063911     0.373186
0.017013     0.701474    168.785683
  0.68794     5.520886     106.063911     0.373186
0.017013     1.099459    211.323913

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -10.519575    -68.648744     -0.590825
-0.013915    -0.539803    -0.036682
  0.17199    -10.519575    -68.648744     -0.590825
-0.013915    -0.133810    -0.749232
  0.34397    -10.519575    -68.648744     -0.590825
-0.013915    -0.199672    -2.887425
  0.51596    -10.519575    -68.648744     -0.590825
-0.013915    -0.456201    -21.484845
  0.68794    -10.519575    -68.648744     -0.590825
-0.013915    -0.713304    -86.481384

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     11.078669     147.342832     0.384189
0.017101     0.323640    249.408130
  0.17199     11.078669     147.342832     0.384189
0.017101     0.064596    194.173123
  0.34397     11.078669     147.342832     0.384189
0.017101     0.325161    151.571483
  0.51596     11.078669     147.342832     0.384189
0.017101     0.751738    164.592705
  0.68794     11.078669     147.342832     0.384189
0.017101     1.178370    203.819716

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -9.797396    -64.319047     -0.632691
-0.016057    -0.576489    -0.052854
  0.17199    -9.797396    -64.319047     -0.632691
-0.016057    -0.141596    -0.813301
  0.34397    -9.797396    -64.319047     -0.632691
-0.016057    -0.206178    -27.830042
  0.51596    -9.797396    -64.319047     -0.632691
-0.016057    -0.470300    -73.596896
  0.68794    -9.797396    -64.319047     -0.632691
-0.016057    -0.734983   -166.782370

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     6.313855     35.017984     0.092056
2.90E-05     0.077864     1.256789
  0.17199     6.313855     35.017984     0.092056
2.90E-05     0.014450     2.262959
  0.34397     6.313855     35.017984     0.092056
2.90E-05     0.127597     4.132597
  0.51596     6.313855     35.017984     0.092056
2.90E-05     0.291213     6.073977
  0.68794     6.313855     35.017984     0.092056
2.90E-05     0.454328     8.044109

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.393383    -2.884077     -0.236694
-0.003192    -0.197549    -7.129855
  0.17199    -0.393383    -2.884077     -0.236694
-0.003192    -0.034526   -30.542530
  0.34397    -0.393383    -2.884077     -0.236694
-0.003192    -0.048981    -54.458999
  0.51596    -0.393383    -2.884077     -0.236694
-0.003192    -0.112396    -78.518330
  0.68794    -0.393383    -2.884077     -0.236694
-0.003192    -0.175821   -102.614495
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 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     12.256497     137.495340     0.156184
0.012481     0.128525    209.896789
  0.17199     12.256497     137.495340     0.156184
0.012481     0.030105    143.451263
  0.34397     12.256497     137.495340     0.156184
0.012481     0.247593     85.950809
  0.51596     12.256497     137.495340     0.156184
0.012481     0.583134     72.032267
  0.68794     12.256497     137.495340     0.156184
0.012481     0.918181     81.006646

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -1.280103    -16.875601     -0.496787
-0.015751    -0.460074    -0.058229
  0.17199    -1.280103    -16.875601     -0.496787
-0.015751    -0.118836    -21.878125
  0.34397    -1.280103    -16.875601     -0.496787
-0.015751    -0.087609    -55.496834
  0.51596    -1.280103    -16.875601     -0.496787
-0.015751    -0.195148   -106.256734
  0.68794    -1.280103    -16.875601     -0.496787
-0.015751    -0.302786   -198.314862

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     11.643598     133.500112     0.380140
0.014295     0.317163    242.356477
  0.17199     11.643598     133.500112     0.380140
0.014295     0.065103    202.512393
  0.34397     11.643598     133.500112     0.380140
0.014295     0.440940    170.187578
  0.51596     11.643598     133.500112     0.380140
0.014295     1.036351    181.425321
  0.68794     11.643598     133.500112     0.380140
0.014295     1.631199    215.485145

 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -6.001786    -53.961546     -0.873821
-0.015362    -0.785741    -0.070157
  0.17199    -6.001786    -53.961546     -0.873821
-0.015362    -0.184731    -20.103534
  0.34397    -6.001786    -53.961546     -0.873821
-0.015362    -0.207729    -50.022710
  0.51596    -6.001786    -53.961546     -0.873821
-0.015362    -0.469478    -97.043217
  0.68794    -6.001786    -53.961546     -0.873821
-0.015362    -0.731369   -185.530018

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     0.357553     3.021463     0.374107
0.003430     0.316105     1.336848
  0.17199     0.357553     3.021463     0.374107
0.003430     0.058323    16.710690
  0.34397     0.357553     3.021463     0.374107
0.003430     0.313836    40.885997
  0.51596     0.357553     3.021463     0.374107
0.003430     0.721675    65.361872
  0.68794     0.357553     3.021463     0.374107
0.003430     1.129313    89.897930

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -6.606417    -35.741224     -0.591557
-3.69E-05    -0.500316    -10.206439
  0.17199    -6.606417    -35.741224     -0.591557
-3.69E-05    -0.092124    -3.776903
  0.34397    -6.606417    -35.741224     -0.591557
-3.69E-05    -0.199455    -4.868121
  0.51596    -6.606417    -35.741224     -0.591557
-3.69E-05    -0.457151    -6.795643
  0.68794    -6.606417    -35.741224     -0.591557
-3.69E-05    -0.714875    -8.809239
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 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.788742     90.959277     0.504780
0.016352     0.423340    206.420863
  0.17199     4.788742     90.959277     0.504780
0.016352     0.085348    182.330894
  0.34397     4.788742     90.959277     0.504780
0.016352     0.474053    158.912245
  0.51596     4.788742     90.959277     0.504780
0.016352     1.109516    178.142189
  0.68794     4.788742     90.959277     0.504780
0.016352     1.744718    220.054079

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -9.031215    -64.645352     -0.932213
-0.012070    -0.833608    -0.049526
  0.17199    -9.031215    -64.645352     -0.932213
-0.012070    -0.191332    -0.618435
  0.34397    -9.031215    -64.645352     -0.932213
-0.012070    -0.273313    -2.395602
  0.51596    -9.031215    -64.645352     -0.932213
-0.012070    -0.620952    -21.160188
  0.68794    -9.031215    -64.645352     -0.932213
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-0.012070   -0.968678   -81.185057

 COMB DL-G2-3 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000    9.350618   127.220624    0.495144
0.016071    0.414356   240.910638
  0.17199    9.350618   127.220624    0.495144
0.016071    0.083035   195.243310
  0.34397    9.350618   127.220624    0.495144
0.016071    0.519204   163.424152
  0.51596    9.350618   127.220624    0.495144
0.016071    1.215727   177.733914
  0.68794    9.350618   127.220624    0.495144
0.016071    1.911832   215.320684

 COMB DL-G2-3 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   -8.421214   -60.425968   -1.020570
-0.014127   -0.909713   -0.066571
  0.17199   -8.421214   -60.425968   -1.020570
-0.014127   -0.206755   -0.650892
  0.34397   -8.421214   -60.425968   -1.020570
-0.014127   -0.269000   -22.248045
  0.51596   -8.421214   -60.425968   -1.020570
-0.014127   -0.609997   -64.853345
  0.68794   -8.421214   -60.425968   -1.020570
-0.014127   -0.951084   -149.338818

 COMB      DB ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   14.465384   156.555370    0.384189
0.017101    0.323640   250.359345
  0.17199   14.465384   156.555370    0.384189
0.017101    0.064596   200.178493
  0.34397   14.465384   156.555370    0.384189
0.017101    0.325161   158.257272
  0.51596   14.465384   156.555370    0.384189
0.017101    0.751738   168.785683
  0.68794   14.465384   156.555370    0.384189
0.017101    1.178370   211.323913

 COMB      DB ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   -10.519575   -68.648744   -0.632691
-0.017158   -0.576489   -9.085665
  0.17199   -10.519575   -68.648744   -0.632691
-0.017158   -0.141596   -32.325696
  0.34397   -10.519575   -68.648744   -0.632691
-0.017158   -0.206178   -62.913829
  0.51596   -10.519575   -68.648744   -0.632691
-0.017158   -0.470300   -116.315475
  0.68794   -10.519575   -68.648744   -0.632691
-0.017158   -0.734983   -216.096827
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 COMB      DL ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   12.256497   137.495340    0.504780
0.016352    0.423340   242.356477
  0.17199   12.256497   137.495340    0.504780
0.016352    0.085348   202.512393
  0.34397   12.256497   137.495340    0.504780
0.016352    0.519204   170.187578
  0.51596   12.256497   137.495340    0.504780
0.016352    1.215727   181.425321
  0.68794   12.256497   137.495340    0.504780
0.016352    1.911832   220.054079

 COMB      DL ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   -9.031215   -64.645352   -1.020570
-0.015751   -0.909713   -10.206439
  0.17199   -9.031215   -64.645352   -1.020570
-0.015751   -0.206755   -30.542530
  0.34397   -9.031215   -64.645352   -1.020570
-0.015751   -0.273313   -55.496834
  0.51596   -9.031215   -64.645352   -1.020570
-0.015751   -0.620952   -106.256734
  0.68794   -9.031215   -64.645352   -1.020570
-0.015751   -0.968678   -198.314862

 COMB      CAR ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   14.465384   156.555370    0.504780
0.017101    0.423340   250.359345
  0.17199   14.465384   156.555370    0.504780
0.017101    0.085348   202.512393
  0.34397   14.465384   156.555370    0.504780
0.017101    0.519204   170.187578
  0.51596   14.465384   156.555370    0.504780
0.017101    1.215727   181.425321
  0.68794   14.465384   156.555370    0.504780
0.017101    1.911832   220.054079

 COMB      CAR ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   -10.519575   -68.648744   -1.020570
-0.017158   -0.909713   -10.206439
  0.17199   -10.519575   -68.648744   -1.020570
-0.017158   -0.206755   -32.325696
  0.34397   -10.519575   -68.648744   -1.020570
-0.017158   -0.273313   -62.913829
  0.51596   -10.519575   -68.648744   -1.020570
-0.017158   -0.620952   -116.315475
  0.68794   -10.519575   -68.648744   -1.020570
-0.017158   -0.968678   -216.096827

 COMB   DESIGN ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   14.465384   156.555370    0.504780
0.017101    0.423340   250.359345
  0.17199   14.465384   156.555370    0.504780
0.017101    0.085348   202.512393
  0.34397   14.465384   156.555370    0.504780
0.017101    0.519204   170.187578
  0.51596   14.465384   156.555370    0.504780
0.017101    1.215727   181.425321
  0.68794   14.465384   156.555370    0.504780
0.017101    1.911832   220.054079

 COMB   DESIGN ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.00000   -10.519575   -68.648744   -1.020570
-0.017158   -0.909713   -10.206439
  0.17199   -10.519575   -68.648744   -1.020570
-0.017158   -0.206755   -32.325696
  0.34397   -10.519575   -68.648744   -1.020570
-0.017158   -0.273313   -62.913829
  0.51596   -10.519575   -68.648744   -1.020570
-0.017158   -0.620952   -116.315475
  0.68794   -10.519575   -68.648744   -1.020570
-0.017158   -0.968678   -216.096827

 COMB DB-G1-1 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    2.908717    10.459797    0.104048
0.000192    0.196386   22.805657
  0.48406    2.908717    10.459797    0.104048
0.000192    0.124723   15.638602
  0.65604    2.908717    10.459797    0.104048
0.000192    0.053076    8.686864
  0.82802    2.908717    10.459797    0.104048
0.000192    0.030452    2.292378
  1.00000    2.908717    10.459797    0.104048
0.000192    0.137760    1.203568

 COMB DB-G1-1 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -2.095992   -13.783380   -0.155738
-0.003805   -0.291349   -38.100739
  0.48406   -2.095992   -13.783380   -0.155738
-0.003805   -0.184073   -28.637146
  0.65604   -2.095992   -13.783380   -0.155738
-0.003805   -0.076796   -19.413123
  0.82802   -2.095992   -13.783380   -0.155738
-0.003805   -0.018627   -10.366164
  1.00000   -2.095992   -13.783380   -0.155738
-0.003805   -0.090326   -7.120607

 COMB DB-G1-2 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    4.581222    29.675967    0.153933
0.014842    0.289834   126.673426
  0.48406    4.581222    29.675967    0.153933
0.014842    0.183813   115.501585
  0.65604    4.581222    29.675967    0.153933
0.014842    0.077761   118.215138
  0.82802    4.581222    29.675967    0.153933
0.014842    0.077452   173.430546
  1.00000    4.581222    29.675967    0.153933
0.014842    0.310683   229.142455

 COMB DB-G1-2 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -7.490109   -118.835582   -0.360839
-0.022482   -0.683730   -111.305731
  0.48406   -7.490109   -118.835582   -0.360839
-0.022482   -0.435362   -40.946185
  0.65604   -7.490109   -118.835582   -0.360839
-0.022482   -0.187040   -17.473786
  0.82802   -7.490109   -118.835582   -0.360839
-0.022482   -0.069051   -7.109882
  1.00000   -7.490109   -118.835582   -0.360839
-0.022482   -0.171572    .000000

 COMB DB-G1-3 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    5.530499    35.668732    0.331397
0.017711    0.623345   150.146057
  0.48406    5.530499    35.668732    0.331397
0.017711    0.395082   135.274901
  0.65604    5.530499    35.668732    0.331397
0.017711    0.166776   134.793437
  0.82802    5.530499    35.668732    0.331397
0.017711    0.125067   192.951336
  1.00000    5.530499    35.668732    0.331397
0.017711    0.545720   264.385416

 COMB DB-G1-3 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -9.956251   -141.129539   -0.633396
-0.022628   -1.199733   -137.647577
  0.48406   -9.956251   -141.129539   -0.633396
-0.022628   -0.763619   -52.849142
  0.65604   -9.956251   -141.129539   -0.633396
-0.022628   -0.327583   -17.255717
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 REL_DIST          P           V2          V3
    T          M2          M3
  0.82802   -9.956251   -141.129539   -0.633396
-0.022628   -0.103116   -7.045290
  1.00000   -9.956251   -141.129539   -0.633396
-0.022628   -0.327849   -0.000634

 COMB DB-G2-1 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    2.305016    15.034690    0.298903
0.003656    0.562061   40.444122
  0.48406    2.305016    15.034690    0.298903
0.003656    0.356169   30.102677
  0.65604    2.305016    15.034690    0.298903
0.003656    0.150257   19.773854
  0.82802    2.305016    15.034690    0.298903
0.003656    0.075364   9.547558
  1.00000    2.305016    15.034690    0.298903
0.003656    0.364273   1.233119

 COMB DB-G2-1 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -2.889630   -9.522152   -0.419374
-0.000305   -0.791233   -33.870864
  0.48406   -2.889630   -9.522152   -0.419374
-0.000305   -0.502359   -27.337232
  0.65604   -2.889630   -9.522152   -0.419374
-0.000305   -0.213489   -20.883591
  0.82802   -2.889630   -9.522152   -0.419374
-0.000305   -0.055751   -14.439696
  1.00000   -2.889630   -9.522152   -0.419374
-0.000305   -0.261587   -8.108358

 COMB DB-G2-2 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    3.273137    25.248114    0.400749
0.019216    0.753408   104.728859
  0.48406    3.273137    25.248114    0.400749
0.019216    0.477373   96.620477
  0.65604    3.273137    25.248114    0.400749
0.019216    0.201291   102.420913
  0.82802    3.273137    25.248114    0.400749
0.019216    0.132511   160.725373
  1.00000    3.273137    25.248114    0.400749
0.019216    0.581438   227.905701

 COMB DB-G2-2 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -8.967899   -123.509315   -0.673892
-0.018430   -1.275519   -116.971066
  0.48406   -8.967899   -123.509315   -0.673892
-0.018430   -0.811484   -43.362285
  0.65604   -8.967899   -123.509315   -0.673892
-0.018430   -0.347446   -16.635913
  0.82802   -8.967899   -123.509315   -0.673892
-0.018430   -0.115481   -3.385997
  1.00000   -8.967899   -123.509315   -0.673892
-0.018430   -0.388066   -0.003599

 COMB DB-G2-3 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    5.767105    46.197148    0.406023
0.019068    0.763037   195.291405
  0.48406    5.767105    46.197148    0.406023
0.019068    0.483372   172.948654
  0.65604    5.767105    46.197148    0.406023
0.019068    0.203651   164.820013
  0.82802    5.767105    46.197148    0.406023
0.019068    0.144650   210.326963
  1.00000    5.767105    46.197148    0.406023
0.019068    0.647319   263.773182

 COMB DB-G2-3 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -9.848798   -130.789837   -0.752777
-0.020975   -1.427155   -126.914544
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 REL_DIST          P           V2          V3
    T          M2          M3
  0.48406   -9.848798   -130.789837   -0.752777
-0.020975   -0.908826   -48.753773
  0.65604   -9.848798   -130.789837   -0.752777
-0.020975   -0.390587   -18.673577
  0.82802   -9.848798   -130.789837   -0.752777
-0.020975   -0.117593   -3.619622
  1.00000   -9.848798   -130.789837   -0.752777
-0.020975   -0.393794   -0.006524

 COMB DL-G1-1 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    2.409012    9.606446    0.086454
0.000184    0.163350   22.245361
  0.48406    2.409012    9.606446    0.086454
0.000184    0.103806   15.717054
  0.65604    2.409012    9.606446    0.086454
0.000184    0.044265   9.436877
  0.82802    2.409012    9.606446    0.086454
0.000184    0.055075   3.380379
  1.00000    2.409012    9.606446    0.086454
0.000184    0.252429   1.244059

 COMB DL-G1-1 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -2.132979   -15.003654   -0.286856
-0.004770   -0.537569   -42.221514
  0.48406   -2.132979   -15.003654   -0.286856
-0.004770   -0.339848   -31.953343
  0.65604   -2.132979   -15.003654   -0.286856
-0.004770   -0.141796   -21.869870
  0.82802   -2.132979   -15.003654   -0.286856
-0.004770   -0.015295   -12.112416
  1.00000   -2.132979   -15.003654   -0.286856
-0.004770   -0.074856   -6.304908

 COMB DL-G1-2 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    3.938815    26.561192    0.174785
0.014665    0.292216   120.428745
  0.48406    3.938815    26.561192    0.174785
0.014665    0.179979   106.829102
  0.65604    3.938815    26.561192    0.174785
0.014665    0.074656   115.752021
  0.82802    3.938815    26.561192    0.174785
0.014665    0.121561   162.394273
  1.00000    3.938815    26.561192    0.174785
0.014665    0.528862   212.068529

 COMB DL-G1-2 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -6.794111   -104.247987   -0.607660
-0.021414   -1.147627   -111.071701
  0.48406   -6.794111   -104.247987   -0.607660
-0.021414   -0.729055   -42.298377
  0.65604   -6.794111   -104.247987   -0.607660
-0.021414   -0.312888   -18.010619
  0.82802   -6.794111   -104.247987   -0.607660
-0.021414   -0.074041   -7.003883
  1.00000   -6.794111   -104.247987   -0.607660
-0.021414   -0.193411    .000000

 COMB DL-G1-3 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    5.012966    33.489512    0.416183
0.017627    0.745730   149.754390
  0.48406    5.012966    33.489512    0.416183
0.017627    0.467223   132.089498
  0.65604    5.012966    33.489512    0.416183
0.017627    0.195667   138.130200
  0.82802    5.012966    33.489512    0.416183
0.017627    0.194644   188.683874
  1.00000    5.012966    33.489512    0.416183
0.017627    0.900205   244.785073
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 COMB DB-G1-3 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -8.689740   -121.615439   -1.039913
-0.021058   -1.966862   -133.397226
  0.48406   -8.689740   -121.615439   -1.039913
-0.021058   -1.250459   -53.296235
  0.65604   -8.689740   -121.615439   -1.039913
-0.021058   -0.536501   -18.770573
  0.82802   -8.689740   -121.615439   -1.039913
-0.021058   -0.119458   -7.027777
  1.00000   -8.689740   -121.615439   -1.039913
-0.021058   -0.405087    .000000

 COMB DL-G2-1 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    2.390543    16.779967    0.398356
0.004498    0.749016   44.605639
  0.48406    2.390543    16.779967    0.398356
0.004498    0.474670   33.096235
  0.65604    2.390543    16.779967    0.398356
0.004498    0.200287   21.634265
  0.82802    2.390543    16.779967    0.398356
0.004498    0.120922   10.277141
  1.00000    2.390543    16.779967    0.398356
0.004498    0.587863    1.286561

 COMB DL-G2-1 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -2.459253   -9.337605   -0.676986
-0.000262   -1.276909   -31.437560
  0.48406   -2.459253   -9.337605   -0.676986
-0.000262   -0.810492   -25.060692
  0.65604   -2.459253   -9.337605   -0.676986
-0.000262   -0.343909   -18.759498
  0.82802   -2.459253   -9.337605   -0.676986
-0.000262   -0.074253   -12.529644
  1.00000   -2.459253   -9.337605   -0.676986
-0.000262   -0.348641   -8.244643

 COMB DL-G2-2 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    3.456748   26.971007    0.559809
0.019884    1.015754   115.030707
  0.48406    3.456748   26.971007    0.559809
0.019884    0.638343   101.170987
  0.65604    3.456748   26.971007    0.559809
0.019884    0.267781   109.857797
  0.82802    3.456748   26.971007    0.559809
0.019884    0.203139   156.440159
  1.00000    3.456748   26.971007    0.559809
0.019884    0.936603   209.916026

 COMB DL-G2-2 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -7.607731   -105.473282   -1.079737
-0.016257   -2.040520   -110.668312
  0.48406   -7.607731   -105.473282   -1.079737
-0.016257   -1.296715   -41.037341
  0.65604   -7.607731   -105.473282   -1.079737
-0.016257   -0.555364   -15.915683
  0.82802   -7.607731   -105.473282   -1.079737
-0.016257   -0.146161   -4.209211
  1.00000   -7.607731   -105.473282   -1.079737
-0.016257   -0.530885   -0.002296

 COMB DL-G2-3 ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    5.425363   44.700399    0.544057
0.019332    0.985630   192.705929
  0.48406    5.425363   44.700399    0.544057
0.019332    0.619067   166.954202
  0.65604    5.425363   44.700399    0.544057
0.019332    0.259387   164.036856
  0.82802    5.425363   44.700399    0.544057
0.019332    0.222153   200.284387
  1.00000    5.425363   44.700399    0.544057
0.019332    1.043570   243.865849
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 COMB DL-G2-3 ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -8.439647   -111.245106   -1.208001
-0.018888   -2.286964   -118.762040
  0.48406   -8.439647   -111.245106   -1.208001
-0.018888   -1.454742   -45.553485
  0.65604   -8.439647   -111.245106   -1.208001
-0.018888   -0.624947   -17.237407
  0.82802   -8.439647   -111.245106   -1.208001
-0.018888   -0.144573   -4.097883
  1.00000   -8.439647   -111.245106   -1.208001
-0.018888   -0.517660   -0.004040

 COMB      DB ------------------ MAX

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209    5.767105    46.197148    0.406023
0.019216    0.763037   195.291405
  0.48406    5.767105    46.197148    0.406023
0.019216    0.483372   172.948654
  0.65604    5.767105    46.197148    0.406023
0.019216    0.203651   164.820013
  0.82802    5.767105    46.197148    0.406023
0.019216    0.144650   210.326963
  1.00000    5.767105    46.197148    0.406023
0.019216    0.647319   264.385416

 COMB      DB ------------------ MIN

 REL_DIST          P           V2          V3
    T          M2          M3
  0.31209   -9.956251   -141.129539   -0.752777
-0.022628   -1.427155   -137.647577
  0.48406   -9.956251   -141.129539   -0.752777
-0.022628   -0.908826   -52.849142
  0.65604   -9.956251   -141.129539   -0.752777
-0.022628   -0.390587   -20.883591
  0.82802   -9.956251   -141.129539   -0.752777
-0.022628   -0.117593   -14.439696
  1.00000   -9.956251   -141.129539   -0.752777
-0.022628   -0.393794   -8.108358
```

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	5.425363	44.700399	0.559809
0.019884	1.015754	192.705929	
0.48406	5.425363	44.700399	0.559809
0.019884	0.638343	166.954202	
0.65604	5.425363	44.700399	0.559809
0.019884	0.267781	164.036856	
0.82802	5.425363	44.700399	0.559809
0.019884	0.222153	200.284387	
1.00000	5.425363	44.700399	0.559809
0.019884	1.043570	244.785073	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-8.689740	-121.615439	-1.208001
-0.021414	-2.286964	-133.397226	
0.48406	-8.689740	-121.615439	-1.208001
-0.021414	-1.454742	-53.296235	
0.65604	-8.689740	-121.615439	-1.208001
-0.021414	-0.624947	-21.869870	
0.82802	-8.689740	-121.615439	-1.208001
-0.021414	-0.146161	-12.529644	
1.00000	-8.689740	-121.615439	-1.208001
-0.021414	-0.530885	-8.244643	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	5.767105	46.197148	0.559809
0.019884	1.015754	195.291405	
0.48406	5.767105	46.197148	0.559809
0.019884	0.638343	172.948654	
0.65604	5.767105	46.197148	0.559809
0.019884	0.267781	164.820013	
0.82802	5.767105	46.197148	0.559809
0.019884	0.222153	210.326963	
1.00000	5.767105	46.197148	0.559809
0.019884	1.043570	264.385416	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-9.956251	-141.129539	-1.208001
-0.022628	-2.286964	-137.647577	
0.48406	-9.956251	-141.129539	-1.208001
-0.022628	-1.454742	-53.296235	
0.65604	-9.956251	-141.129539	-1.208001
-0.022628	-0.624947	-21.869870	
0.82802	-9.956251	-141.129539	-1.208001
-0.022628	-0.146161	-14.439696	
1.00000	-9.956251	-141.129539	-1.208001
-0.022628	-0.530885	-8.244643	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	5.767105	46.197148	0.559809
0.019884	1.015754	195.291405	
0.48406	5.767105	46.197148	0.559809
0.019884	0.638343	172.948654	
0.65604	5.767105	46.197148	0.559809
0.019884	0.267781	164.820013	
0.82802	5.767105	46.197148	0.559809
0.019884	0.222153	210.326963	
1.00000	5.767105	46.197148	0.559809
0.019884	1.043570	264.385416	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-9.956251	-141.129539	-1.208001
-0.022628	-2.286964	-137.647577	
0.48406	-9.956251	-141.129539	-1.208001
-0.022628	-1.454742	-53.296235	
0.65604	-9.956251	-141.129539	-1.208001
-0.022628	-0.624947	-21.869870	
0.82802	-9.956251	-141.129539	-1.208001
-0.022628	-0.146161	-14.439696	
1.00000	-9.956251	-141.129539	-1.208001
-0.022628	-0.530885	-8.244643	

ELEM 132 ========== LENGTH = 4.004358

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.885509	10.505835	0.107060
4.19E-05	0.093933	1.203045	
0.17196	2.885509	10.505835	0.107060
4.19E-05	0.020189	9.142979	
0.34392	2.885509	10.505835	0.107060
4.19E-05	0.071741	18.351225	
0.51588	2.885509	10.505835	0.107060
4.19E-05	0.171050	27.606093	
0.68784	2.885509	10.505835	0.107060
4.19E-05	0.270354	36.870853	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.097088	-13.465153	-0.144213
-0.003404	-0.126869	-7.116895	
0.17196	-2.097088	-13.465153	-0.144213
-0.003404	-0.027549	-13.511276	
0.34392	-2.097088	-13.465153	-0.144213
-0.003404	-0.053510	-20.592442	
0.51588	-2.097088	-13.465153	-0.144213
-0.003404	-0.127228	-27.703327	
0.68784	-2.097088	-13.465153	-0.144213
-0.003404	-0.200948	-34.891351	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.149815	125.259562	0.156825
0.018193	0.136895	228.770898	
0.17196	9.149815	125.259562	0.156825
0.018193	0.032948	159.586071	
0.34392	9.149815	125.259562	0.156825
0.018193	0.161374	99.554352	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51588	9.149815	125.259562	0.156825
0.018193	0.380931	92.003488	
0.68784	9.149815	125.259562	0.156825
0.018193	0.600584	97.709897	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.637541	-22.271218	-0.321099
-0.018830	-0.319892	.000000	
0.17196	-2.637541	-22.271218	-0.321099
-0.018830	-0.103991	-2.394520	
0.34392	-2.637541	-22.271218	-0.321099
-0.018830	-0.083261	-16.564509	
0.51588	-2.637541	-22.271218	-0.321099
-0.018830	-0.186983	-44.771855	
0.68784	-2.637541	-22.271218	-0.321099
-0.018830	-0.294982	-120.221581	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.178528	133.579638	0.333668
0.020919	0.291373	264.008074	
0.17196	10.178528	133.579638	0.333668
0.020919	0.065708	207.753318	
0.34392	10.178528	133.579638	0.333668
0.020919	0.301795	160.135239	
0.51588	10.178528	133.579638	0.333668
0.020919	0.714452	166.120986	
0.68784	10.178528	133.579638	0.333668
0.020919	1.128390	185.650782	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.030427	-42.639116	-0.602338
-0.018711	-0.566733	-0.001413	
0.17196	-5.030427	-42.639116	-0.602338
-0.018711	-0.157410	-2.814154	
0.34392	-5.030427	-42.639116	-0.602338
-0.018711	-0.172401	-20.176508	
0.51588	-5.030427	-42.639116	-0.602338
-0.018711	-0.397820	-52.496588	
0.68784	-5.030427	-42.639116	-0.602338
-0.018711	-0.627591	-133.250323	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.268044	15.354078	0.299168
0.003984	0.261733	1.231146	
0.17196	2.268044	15.354078	0.299168
0.003984	0.055621	2.083282	
0.34392	2.268044	15.354078	0.299168
0.003984	0.217168	5.778252	
0.51588	2.268044	15.354078	0.299168
0.003984	0.510739	12.076830	
0.68784	2.268044	15.354078	0.299168
0.003984	0.804247	18.544277	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.925803	-9.524308	-0.426246
-0.000163	-0.369814	-8.108966	
0.17196	-2.925803	-9.524308	-0.426246
-0.000163	-0.076221	-12.381315	
0.34392	-2.925803	-9.524308	-0.426246
-0.000163	-0.150267	-22.441967	
0.51588	-2.925803	-9.524308	-0.426246
-0.000163	-0.356279	-32.749755	
0.68784	-2.925803	-9.524308	-0.426246
-0.000163	-0.562283	-43.283681	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.830781	121.282666	0.400669
0.022794	0.350105	227.528910	

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REL_DIST	P	V2	V3
T	M2	M3	
0.17196	7.830781	121.282666	0.400669
0.022794	0.078305	169.970113	
0.34392	7.830781	121.282666	0.400669
0.022794	0.339852	113.680732	
0.51588	7.830781	121.282666	0.400669
0.022794	0.805965	109.775341	
0.68784	7.830781	121.282666	0.400669
0.022794	1.272028	119.077414	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.161902	-27.450324	-0.676869
-0.014739	-0.627570	.000000	
0.17196	-4.161902	-27.450324	-0.676869
-0.014739	-0.166711	-9.071446	
0.34392	-4.161902	-27.450324	-0.676869
-0.014739	-0.205852	-20.928764	
0.51588	-4.161902	-27.450324	-0.676869
-0.014739	-0.477499	-46.387078	
0.68784	-4.161902	-27.450324	-0.676869
-0.014739	-0.753406	-119.093216	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.404137	144.153846	0.406847
0.022910	0.355118	263.392789	
0.17196	10.404137	144.153846	0.406847
0.022910	0.079151	189.929361	
0.34392	10.404137	144.153846	0.406847
0.022910	0.369756	129.455604	
0.51588	10.404137	144.153846	0.406847
0.022910	0.877870	127.926177	
0.68784	10.404137	144.153846	0.406847
0.022910	1.386037	140.138495	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.935026	-32.391251	-0.738037
-0.017316	-0.682855	-0.000566	
0.17196	-4.935026	-32.391251	-0.738037
-0.017316	-0.180108	-8.507980	
0.34392	-4.935026	-32.391251	-0.738037
-0.017316	-0.209411	-20.401760	
0.51588	-4.935026	-32.391251	-0.738037
-0.017316	-0.485246	-58.453402	
0.68784	-4.935026	-32.391251	-0.738037
-0.017316	-0.765407	-145.997807	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.377142	9.552795	0.089555
4.41E-05	0.078484	1.243680	
0.17196	2.377142	9.552795	0.089555
4.41E-05	0.016825	9.668202	
0.34392	2.377142	9.552795	0.089555
4.41E-05	0.134119	19.613278	
0.51588	2.377142	9.552795	0.089555
4.41E-05	0.315866	29.619972	
0.68784	2.377142	9.552795	0.089555
4.41E-05	0.497239	39.667804	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.129761	-14.640848	-0.263237
-0.004067	-0.227469	-6.303419	
0.17196	-2.129761	-14.640848	-0.263237
-0.004067	-0.046484	-11.343966	
0.34392	-2.129761	-14.640848	-0.263237
-0.004067	-0.044823	-17.769319	
0.51588	-2.129761	-14.640848	-0.263237
-0.004067	-0.106493	-24.241784	
0.68784	-2.129761	-14.640848	-0.263237
-0.004067	-0.168162	-30.782325	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.783913	106.701456	0.157931
0.016069	0.135408	212.011079	
0.17196	7.783913	106.701456	0.157931
0.016069	0.035633	154.991679	
0.34392	7.783913	106.701456	0.157931
0.016069	0.276637	105.556498	
0.51588	7.783913	106.701456	0.157931
0.016069	0.667579	94.804592	
0.68784	7.783913	106.701456	0.157931
0.016069	1.059383	105.568118	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.683897	-23.548266	-0.569728
-0.019443	-0.539971	.000000	
0.17196	-2.683897	-23.548266	-0.569728
-0.019443	-0.150349	-3.107355	
0.34392	-2.683897	-23.548266	-0.569728
-0.019443	-0.084284	-14.917288	
0.51588	-2.683897	-23.548266	-0.569728
-0.019443	-0.191756	-40.962943	
0.68784	-2.683897	-23.548266	-0.569728
-0.019443	-0.300415	-111.222994	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.824058	113.966040	0.398593
0.018917	0.345331	244.726667	
0.17196	8.824058	113.966040	0.398593
0.018917	0.079949	197.053651	
0.34392	8.824058	113.966040	0.398593
0.018917	0.498704	158.288016	
0.51588	8.824058	113.966040	0.398593
0.018917	1.200190	159.237099	
0.68784	8.824058	113.966040	0.398593
0.018917	1.903382	181.960535	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.593857	-41.298943	-1.021108
-0.018929	-0.939007	-0.000829	
0.17196	-4.593857	-41.298943	-1.021108
-0.018929	-0.238041	-3.196637	
0.34392	-4.593857	-41.298943	-1.021108
-0.018929	-0.205975	-18.004424	
0.51588	-4.593857	-41.298943	-1.021108
-0.018929	-0.479103	-48.380097	
0.68784	-4.593857	-41.298943	-1.021108
-0.018929	-0.753477	-123.323156	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.332280	17.163006	0.398572
0.004939	0.348666	1.283813	
0.17196	2.332280	17.163006	0.398572
0.004939	0.074249	2.638001	
0.34392	2.332280	17.163006	0.398572
0.004939	0.353988	8.042057	
0.51588	2.332280	17.163006	0.398572
0.004939	0.836681	14.228192	
0.68784	2.332280	17.163006	0.398572
0.004939	1.319170	20.621584	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.457331	-9.422277	-0.700563
-0.000171	-0.609926	-8.246612	
0.17196	-2.457331	-9.422277	-0.700563
-0.000171	-0.126713	-15.077930	
0.34392	-2.457331	-9.422277	-0.700563
-0.000171	-0.200323	-26.049097	
0.51588	-2.457331	-9.422277	-0.700563
-0.000171	-0.474806	-37.586635	
0.68784	-2.457331	-9.422277	-0.700563
-0.000171	-0.749235	-49.317862	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.272845	107.797774	0.540118
0.021856	0.469703	209.851142	
0.17196	7.272845	107.797774	0.540118
0.021856	0.106732	159.559281	
0.34392	7.272845	107.797774	0.540118
0.021856	0.542863	112.040664	
0.51588	7.272845	107.797774	0.540118
0.021856	1.303021	102.790747	
0.68784	7.272845	107.797774	0.540118
0.021856	2.064070	114.987711	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.502458	-25.520526	-1.105096
-0.014577	-1.009910	.000000	
0.17196	-3.502458	-25.520526	-1.105096
-0.014577	-0.250315	-9.411631	
0.34392	-3.502458	-25.520526	-1.105096
-0.014577	-0.276510	-22.427716	
0.51588	-3.502458	-25.520526	-1.105096
-0.014577	-0.647174	-49.347976	
0.68784	-3.502458	-25.520526	-1.105096
-0.014577	-1.018906	-120.415351	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.220547	125.160875	0.524953
0.021433	0.455930	243.802197	
0.17196	9.220547	125.160875	0.524953
0.021433	0.103452	185.655895	
0.34392	9.220547	125.160875	0.524953
0.021433	0.595345	132.983393	
0.51588	9.220547	125.160875	0.524953
0.021433	1.430030	125.277820	
0.68784	9.220547	125.160875	0.524953
0.021433	2.265618	140.455638	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.336223	-30.965225	-1.213249
-0.017183	-1.106024	.000000	
0.17196	-4.336223	-30.965225	-1.213249
-0.017183	-0.272072	-8.830198	
0.34392	-4.336223	-30.965225	-1.213249
-0.017183	-0.269339	-22.231991	
0.51588	-4.336223	-30.965225	-1.213249
-0.017183	-0.629567	-59.275909	
0.68784	-4.336223	-30.965225	-1.213249
-0.017183	-0.990867	-141.614538	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.404137	144.153846	0.406847
0.022910	0.355118	264.008074	
0.17196	10.404137	144.153846	0.406847
0.022910	0.079151	207.753318	
0.34392	10.404137	144.153846	0.406847
0.022910	0.369756	160.135239	
0.51588	10.404137	144.153846	0.406847
0.022910	0.877870	166.120986	
0.68784	10.404137	144.153846	0.406847
0.022910	1.386037	185.650782	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.030427	-42.639116	-0.738037
-0.018830	-0.682855	-8.108966	
0.17196	-5.030427	-42.639116	-0.738037
-0.018830	-0.180108	-13.511276	
0.34392	-5.030427	-42.639116	-0.738037
-0.018830	-0.209411	-22.441967	
0.51588	-5.030427	-42.639116	-0.738037
-0.018830	-0.485246	-58.453402	
0.68784	-5.030427	-42.639116	-0.738037
-0.018830	-0.765407	-145.997807	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.220547	125.160875	0.540118
0.021856	0.469703	244.726667	
0.17196	9.220547	125.160875	0.540118
0.021856	0.106732	197.053651	
0.34392	9.220547	125.160875	0.540118
0.021856	0.595345	158.288016	
0.51588	9.220547	125.160875	0.540118
0.021856	1.430030	159.237099	
0.68784	9.220547	125.160875	0.540118
0.021856	2.265618	181.960535	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.593857	-41.298943	-1.213249
-0.019443	-1.106024	-8.246612	
0.17196	-4.593857	-41.298943	-1.213249
-0.019443	-0.272072	-15.077930	
0.34392	-4.593857	-41.298943	-1.213249
-0.019443	-0.276510	-26.049097	
0.51588	-4.593857	-41.298943	-1.213249
-0.019443	-0.64714	-59.275909	
0.68784	-4.593857	-41.298943	-1.213249
-0.019443	-1.018906	-141.614538	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.404137	144.153846	0.540118
0.022910	0.469703	264.008074	
0.17196	10.404137	144.153846	0.540118
0.022910	0.106732	207.753318	
0.34392	10.404137	144.153846	0.540118
0.022910	0.595345	160.135239	
0.51588	10.404137	144.153846	0.540118
0.022910	1.430030	166.120986	
0.68784	10.404137	144.153846	0.540118
0.022910	2.265618	185.650782	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.030427	-42.639116	-1.213249
-0.019443	-1.106024	-8.246612	
0.17196	-5.030427	-42.639116	-1.213249
-0.019443	-0.272072	-15.077930	
0.34392	-5.030427	-42.639116	-1.213249
-0.019443	-0.276510	-26.049097	
0.51588	-5.030427	-42.639116	-1.213249
-0.019443	-0.647174	-59.275909	
0.68784	-5.030427	-42.639116	-1.213249
-0.019443	-1.018906	-145.997807	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.404137	144.153846	0.540118
0.022910	0.469703	264.008074	
0.17196	10.404137	144.153846	0.540118
0.022910	0.106732	207.753318	
0.34392	10.404137	144.153846	0.540118
0.022910	0.595345	160.135239	
0.51588	10.404137	144.153846	0.540118
0.022910	1.430030	166.120986	
0.68784	10.404137	144.153846	0.540118
0.022910	2.265618	185.650782	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.030427	-42.639116	-1.213249
-0.019443	-1.106024	-8.246612	
0.17196	-5.030427	-42.639116	-1.213249
-0.019443	-0.272072	-15.077930	
0.34392	-5.030427	-42.639116	-1.213249
-0.019443	-0.276510	-26.049097	
0.51588	-5.030427	-42.639116	-1.213249
-0.019443	-0.647174	-59.275909	
0.68784	-5.030427	-42.639116	-1.213249
-0.019443	-1.018906	-145.997807	

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FRAME ELEMENT INTERNAL FORCES

ELEM 133 ========== LENGTH = 4.004942

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.650640	8.239258	0.081596
0.000309	0.175925	23.503926	
0.48409	0.650640	8.239258	0.081596
0.000309	0.119732	17.866239	
0.65606	0.650640	8.239258	0.081596
0.000309	0.063505	12.305696	
0.82803	0.650640	8.239258	0.081596
0.000309	0.011958	6.990509	
1.00000	0.650640	8.239258	0.081596
0.000309	0.104430	2.466984	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-11.770207	-108.630006	-0.137762
-0.004855	-0.275606	-302.943336	
0.48409	-11.770207	-108.630006	-0.137762
-0.004855	-0.180725	-228.422250	
0.65606	-11.770207	-108.630006	-0.137762
-0.004855	-0.086029	-154.056997	
0.82803	-11.770207	-108.630006	-0.137762
-0.004855	-0.007797	-79.744057	
1.00000	-11.770207	-108.630006	-0.137762
-0.004855	-0.048872	-15.352032	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.028818	15.045271	0.122147
0.039359	0.261986	153.233388	
0.48409	1.028818	15.045271	0.122147
0.039359	0.177868	150.725096	
0.65606	1.028818	15.045271	0.122147
0.039359	0.093725	185.321901	
0.82803	1.028818	15.045271	0.122147
0.039359	0.053723	233.312520	
1.00000	1.028818	15.045271	0.122147
0.039359	0.236116	294.917543	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-17.492013	-202.002887	-0.312546
-0.014171	-0.648970	-348.418490	
0.48409	-17.492013	-202.002887	-0.312546
-0.014171	-0.433761	-247.224039	
0.65606	-17.492013	-202.002887	-0.312546
-0.014171	-0.218661	-160.768040	
0.82803	-17.492013	-202.002887	-0.312546
-0.014171	-0.029191	-74.612310	
1.00000	-17.492013	-202.002887	-0.312546
-0.014171	-0.082267	-0.022290	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.222663	81.877669	0.265608
0.043784	0.566936	364.210170	
0.48409	8.222663	81.877669	0.265608
0.043784	0.384011	316.552990	
0.65606	8.222663	81.877669	0.265608
0.043784	0.201057	307.234201	
0.82803	8.222663	81.877669	0.265608
0.043784	0.062929	314.837842	
1.00000	8.222663	81.877669	0.265608
0.043784	0.371421	367.695437	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-16.970409	-207.824613	-0.539770
-0.014102	-1.140227	-330.712491	
0.48409	-16.970409	-207.824613	-0.539770
-0.014102	-0.768524	-234.021832	
0.65606	-16.970409	-207.824613	-0.539770
-0.014102	-0.397033	-152.352648	

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REL_DIST	P	V2	V3
T	M2	M3	
0.82803	-16.970409	-207.824613	-0.539770
-0.014102	-0.053520	-70.978948	
1.00000	-16.970409	-207.824613	-0.539770
-0.014102	-0.172659	-0.032871	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	12.471324	116.170515	0.240482
0.005399	0.511979	315.839063	
0.48409	12.471324	116.170515	0.240482
0.005399	0.346350	235.869519	
0.65606	12.471324	116.170515	0.240482
0.005399	0.180722	155.977086	
0.82803	12.471324	116.170515	0.240482
0.005399	0.015052	76.117685	
1.00000	12.471324	116.170515	0.240482
0.005399	0.212286	2.537051	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.848705	-10.493495	-0.349908
-0.000458	-0.751809	-28.483296	
0.48409	-0.848705	-10.493495	-0.349908
-0.000458	-0.510858	-21.312457	
0.65606	-0.848705	-10.493495	-0.349908
-0.000458	-0.269921	-14.176900	
0.82803	-0.848705	-10.493495	-0.349908
-0.000458	-0.032325	-7.138379	
1.00000	-0.848705	-10.493495	-0.349908
-0.000458	-0.150673	-16.392080	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	14.827477	140.967884	0.323619
0.045575	0.688574	502.124806	
0.48409	14.827477	140.967884	0.323619
0.045575	0.465695	411.422968	
0.65606	14.827477	140.967884	0.323619
0.045575	0.242802	357.824390	
0.82803	14.827477	140.967884	0.323619
0.045575	0.061454	317.710698	
1.00000	14.827477	140.967884	0.323619
0.045575	0.366756	293.743553	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-4.599879	-88.607712	-0.565305
-0.009076	-1.214260	-47.987587	
0.48409	-4.599879	-88.607712	-0.565305
-0.009076	-0.824950	-24.835549	
0.65606	-4.599879	-88.607712	-0.565305
-0.009076	-0.435679	-16.325643	
0.82803	-4.599879	-88.607712	-0.565305
-0.009076	-0.060939	-7.954020	
1.00000	-4.599879	-88.607712	-0.565305
-0.009076	-0.210511	-0.077143	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	14.208639	144.096079	0.326418
0.045830	0.694971	559.732002	
0.48409	14.208639	144.096079	0.326418
0.045830	0.470164	471.654108	
0.65606	14.208639	144.096079	0.326418
0.045830	0.245365	421.496579	
0.82803	14.208639	144.096079	0.326418
0.045830	0.062929	386.893464	
1.00000	14.208639	144.096079	0.326418
0.045830	0.418566	367.184412	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-11.587069	-150.851899	-0.635290
-0.011977	-1.355997	-188.714238	

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REL_DIST	P	V2	V3
T	M2	M3	
0.48409	-11.587069	-150.851899	-0.635290
-0.011977	-0.918491	-124.025107	
0.65606	-11.587069	-150.851899	-0.635290
-0.011977	-0.481014	-74.733645	
0.82803	-11.587069	-150.851899	-0.635290
-0.011977	-0.062212	-27.209946	
1.00000	-11.587069	-150.851899	-0.635290
-0.011977	-0.211988	-0.085426	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.821621	10.201398	0.067461
0.000271	0.146093	29.252159	
0.48409	0.821621	10.201398	0.067461
0.000271	0.099647	22.298470	
0.65606	0.821621	10.201398	0.067461
0.000271	0.053226	15.378725	
0.82803	0.821621	10.201398	0.067461
0.000271	0.015975	8.560975	
1.00000	0.821621	10.201398	0.067461
0.000271	0.171907	2.424845	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.477784	-142.766458	-0.244734
-0.006142	-0.502273	-400.346343	
0.48409	-13.477784	-142.766458	-0.244734
-0.006142	-0.333602	-302.212702	
0.65606	-13.477784	-142.766458	-0.244734
-0.006142	-0.165086	-204.277199	
0.82803	-13.477784	-142.766458	-0.244734
-0.006142	-0.010172	-106.342773	
1.00000	-13.477784	-142.766458	-0.244734
-0.006142	-0.039930	-13.530831	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.417907	20.274213	0.126888
0.038383	0.260598	179.999799	
0.48409	1.417907	20.274213	0.126888
0.038383	0.173296	174.417557	
0.65606	1.417907	20.274213	0.126888
0.038383	0.100259	189.838934	
0.82803	1.417907	20.274213	0.126888
0.038383	0.058426	228.019587	
1.00000	1.417907	20.274213	0.126888
0.038383	0.376379	279.144743	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-19.218794	-232.365827	-0.522897
-0.014827	-1.089796	-439.718729	
0.48409	-19.218794	-232.365827	-0.522897
-0.014827	-0.729824	-315.406588	
0.65606	-19.218794	-232.365827	-0.522897
-0.014827	-0.371687	-204.194556	
0.82803	-19.218794	-232.365827	-0.522897
-0.014827	-0.034922	-93.550120	
1.00000	-19.218794	-232.365827	-0.522897
-0.014827	-0.089095	-0.024187	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	9.575475	104.508830	0.322094
0.042805	0.675261	453.458744	
0.48409	9.575475	104.508830	0.322094
0.042805	0.453562	390.972759	
0.65606	9.575475	104.508830	0.322094
0.042805	0.246207	350.075093	
0.82803	9.575475	104.508830	0.322094
0.042805	0.069323	332.979721	
1.00000	9.575475	104.508830	0.322094
0.042805	0.587750	345.654387	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-18.791016	-237.767299	-0.883965
-0.014501	-1.872869	-419.711999	
0.48409	-18.791016	-237.767299	-0.883965
-0.014501	-1.264220	-299.286645	
0.65606	-18.791016	-237.767299	-0.883965
-0.014501	-0.657338	-193.965620	
0.82803	-18.791016	-237.767299	-0.883965
-0.014501	-0.072087	-89.170659	
1.00000	-18.791016	-237.767299	-0.883965
-0.014501	-0.212609	-0.035791	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	14.568653	154.920018	0.320717
0.006811	0.682676	418.495675	
0.48409	14.568653	154.920018	0.320717
0.006811	0.461836	311.875261	
0.65606	14.568653	154.920018	0.320717
0.006811	0.240935	205.335051	
0.82803	14.568653	154.920018	0.320717
0.006811	0.020037	99.099972	
1.00000	14.568653	154.920018	0.320717
0.006811	0.338046	2.510018	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-1.081476	-13.553786	-0.564322
-0.000441	-1.215999	-36.823490	
0.48409	-1.081476	-13.553786	-0.564322
-0.000441	-0.827218	-27.553614	
0.65606	-1.081476	-13.553786	-0.564322
-0.000441	-0.438398	-18.371634	
0.82803	-1.081476	-13.553786	-0.564322
-0.000441	-0.050106	-11.453678	
1.00000	-1.081476	-13.553786	-0.564322
-0.000441	-0.200972	-14.765984	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	17.272924	183.520632	0.439633
0.046299	0.924136	633.785690	
0.48409	17.272924	183.520632	0.439633
0.046299	0.621408	515.773868	
0.65606	17.272924	183.520632	0.439633
0.046299	0.332948	418.701614	
0.82803	17.272924	183.520632	0.439633
0.046299	0.068426	344.059087	
1.00000	17.272924	183.520632	0.439633
0.046299	0.579593	277.960011	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-4.835128	-87.658621	-0.909840
-0.008239	-1.952283	-55.814336	
0.48409	-4.835128	-87.658621	-0.909840
-0.008239	-1.325602	-31.864516	
0.65606	-4.835128	-87.658621	-0.909840
-0.008239	-0.700815	-20.943562	
0.82803	-4.835128	-87.658621	-0.909840
-0.008239	-0.086382	-10.238676	
1.00000	-4.835128	-87.658621	-0.909840
-0.008239	-0.287225	-0.081014	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	16.671868	185.271193	0.425672
0.045540	0.894617	678.289518	
0.48409	16.671868	185.271193	0.425672
0.045540	0.601528	559.741290	
0.65606	16.671868	185.271193	0.425672
0.045540	0.322737	462.781893	
0.82803	16.671868	185.271193	0.425672
0.045540	0.068075	390.402212	
1.00000	16.671868	185.271193	0.425672
0.045540	0.657380	345.654387	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.433136	-162.525276	-1.021487
-0.011559	-2.181882	-224.655269	
0.48409	-12.433136	-162.525276	-1.021487
-0.011559	-1.478289	-149.690554	
0.65606	-12.433136	-162.525276	-1.021487
-0.011559	-0.776545	-88.604927	
0.82803	-12.433136	-162.525276	-1.021487
-0.011559	-0.089400	-30.493115	
1.00000	-12.433136	-162.525276	-1.021487
-0.011559	-0.278265	-0.086891	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	14.827477	144.096079	0.326418
0.045830	0.694971	559.732002	
0.48409	14.827477	144.096079	0.326418
0.045830	0.470164	471.654108	
0.65606	14.827477	144.096079	0.326418
0.045830	0.245365	421.496579	
0.82803	14.827477	144.096079	0.326418
0.045830	0.062929	386.893464	
1.00000	14.827477	144.096079	0.326418
0.045830	0.418566	367.695437	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-17.492013	-207.824613	-0.635290
-0.014171	-1.355997	-348.418490	
0.48409	-17.492013	-207.824613	-0.635290
-0.014171	-0.918491	-247.224039	
0.65606	-17.492013	-207.824613	-0.635290
-0.014171	-0.481014	-160.768040	
0.82803	-17.492013	-207.824613	-0.635290
-0.014171	-0.062212	-79.744057	
1.00000	-17.492013	-207.824613	-0.635290
-0.014171	-0.211988	-16.392080	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	17.272924	185.271193	0.439633
0.046299	0.924136	678.289518	
0.48409	17.272924	185.271193	0.439633
0.046299	0.621408	559.741290	
0.65606	17.272924	185.271193	0.439633
0.046299	0.332948	462.781893	
0.82803	17.272924	185.271193	0.439633
0.046299	0.069323	390.402212	
1.00000	17.272924	185.271193	0.439633
0.046299	0.657380	345.654387	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-19.218794	-237.767299	-1.021487
-0.014827	-2.181882	-439.718729	
0.48409	-19.218794	-237.767299	-1.021487
-0.014827	-1.478289	-315.406588	
0.65606	-19.218794	-237.767299	-1.021487
-0.014827	-0.776545	-204.277199	
0.82803	-19.218794	-237.767299	-1.021487
-0.014827	-0.089400	-106.342773	
1.00000	-19.218794	-237.767299	-1.021487
-0.014827	-0.287225	-14.765984	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	17.272924	185.271193	0.439633
0.046299	0.924136	678.289518	
0.48409	17.272924	185.271193	0.439633
0.046299	0.621408	559.741290	
0.65606	17.272924	185.271193	0.439633
0.046299	0.332948	462.781893	
0.82803	17.272924	185.271193	0.439633
0.046299	0.069323	390.402212	
1.00000	17.272924	185.271193	0.439633
0.046299	0.657380	367.695437	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-19.218794	-237.767299	-1.021487
-0.014827	-2.181882	-439.718729	
0.48409	-19.218794	-237.767299	-1.021487
-0.014827	-1.478289	-315.406588	
0.65606	-19.218794	-237.767299	-1.021487
-0.014827	-0.776545	-204.277199	
0.82803	-19.218794	-237.767299	-1.021487
-0.014827	-0.089400	-106.342773	
1.00000	-19.218794	-237.767299	-1.021487
-0.014827	-0.287225	-16.392080	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	17.272924	185.271193	0.439633
0.046299	0.924136	678.289518	
0.48409	17.272924	185.271193	0.439633
0.046299	0.621408	559.741290	
0.65606	17.272924	185.271193	0.439633
0.046299	0.332948	462.781893	
0.82803	17.272924	185.271193	0.439633
0.046299	0.069323	390.402212	
1.00000	17.272924	185.271193	0.439633
0.046299	0.657380	367.695437	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-19.218794	-237.767299	-1.021487
-0.014827	-2.181882	-439.718729	
0.48409	-19.218794	-237.767299	-1.021487
-0.014827	-1.478289	-315.406588	
0.65606	-19.218794	-237.767299	-1.021487
-0.014827	-0.776545	-204.277199	
0.82803	-19.218794	-237.767299	-1.021487
-0.014827	-0.089400	-106.342773	
1.00000	-19.218794	-237.767299	-1.021487
-0.014827	-0.287225	-16.392080	

ELEM 134 ========== LENGTH = 4.004997

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.710804	8.243537	0.086213
0.000181	0.054356	2.466982	
0.17197	0.710804	8.243537	0.086213
0.000181	0.016143	71.905058	
0.34394	0.710804	8.243537	0.086213
0.000181	0.085097	146.128779	
0.51592	0.710804	8.243537	0.086213
0.000181	0.163936	220.425650	
0.68789	0.710804	8.243537	0.086213
0.000181	0.242769	294.822982	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-11.679305	-108.100652	-0.114459
-0.005093	-0.072592	-15.354163	
0.17197	-11.679305	-108.100652	-0.114459
-0.005093	-0.004895	-6.007072	
0.34394	-11.679305	-108.100652	-0.114459
-0.005093	-0.064407	-10.811075	
0.51592	-11.679305	-108.100652	-0.114459
-0.005093	-0.123780	-16.405019	
0.68789	-11.679305	-108.100652	-0.114459

-0.005093 -0.183159 -22.027942

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.753207	86.232420	0.126600
0.008604	0.079141	294.914711	
0.17197	4.753207	86.232420	0.126600
0.008604	0.024664	312.296184	
0.34394	4.753207	86.232420	0.126600
0.008604	0.193263	344.577657	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.51592	4.753207	86.232420	0.126600
0.008604	0.372676	387.931673	
0.68789	4.753207	86.232420	0.126600
0.008604	0.552091	468.849615	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.869296	-128.116764	-0.260494
-0.045136	-0.208680	-0.022696	
0.17197	-13.869296	-128.116764	-0.260494
-0.045136	-0.069259	-5.730007	
0.34394	-13.869296	-128.116764	-0.260494
-0.045136	-0.102914	-11.971597	
0.51592	-13.869296	-128.116764	-0.260494
-0.045136	-0.182408	-18.242098	
0.68789	-13.869296	-128.116764	-0.260494
-0.045136	-0.269613	-39.040889	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.135511	154.980047	0.269035
0.011735	0.167961	367.692133	
0.17197	12.135511	154.980047	0.269035
0.011735	0.039941	380.513090	
0.34394	12.135511	154.980047	0.269035
0.011735	0.373467	407.923537	
0.51592	12.135511	154.980047	0.269035
0.011735	0.716672	447.967272	
0.68789	12.135511	154.980047	0.269035
0.011735	1.059877	526.368819	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.290815	-132.412344	-0.498309
-0.045334	-0.356981	-0.033176	
0.17197	-13.290815	-132.412344	-0.498309
-0.045334	-0.079807	-30.028004	
0.34394	-13.290815	-132.412344	-0.498309
-0.045334	-0.210455	-80.205269	
0.51592	-13.290815	-132.412344	-0.498309
-0.045334	-0.387880	-131.880427	
0.68789	-13.290815	-132.412344	-0.498309
-0.045334	-0.573189	-198.797461	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.639977	116.696388	0.240582
0.005086	0.150550	2.535874	
0.17197	12.639977	116.696388	0.240582
0.005086	0.027277	8.332710	
0.34394	12.639977	116.696388	0.240582
0.005086	0.275439	15.185019	
0.51592	12.639977	116.696388	0.240582
0.005086	0.523539	22.291699	
0.68789	12.639977	116.696388	0.240582
0.005086	0.771640	29.477570	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.977892	-10.492662	-0.360220
-0.000289	-0.220771	-16.394018	
0.17197	-0.977892	-10.492662	-0.360220
-0.000289	-0.015189	-86.791468	
0.34394	-0.977892	-10.492662	-0.360220
-0.000289	-0.180837	-166.627743	
0.51592	-0.977892	-10.492662	-0.360220
-0.000289	-0.346531	-246.581116	
0.68789	-0.977892	-10.492662	-0.360220
-0.000289	-0.512232	-326.702798	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	18.689727	212.800734	0.322988
0.014475	0.201700	293.741144	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.17197	18.689727	212.800734	0.322988
0.014475	0.039679	232.726177	
0.34394	18.689727	212.800734	0.322988
0.014475	0.431565	184.129848	
0.51592	18.689727	212.800734	0.322988
0.014475	0.823830	146.356494	
0.68789	18.689727	212.800734	0.322988
0.014475	1.216117	146.060610	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.250320	-15.382536	-0.569564
-0.039281	-0.396077	-0.069991	
0.17197	-1.250320	-15.382536	-0.569564
-0.039281	-0.082138	-83.744188	
0.34394	-1.250320	-15.382536	-0.569564
-0.039281	-0.250873	-177.011344	
0.51592	-1.250320	-15.382536	-0.569564
-0.039281	-0.465619	-270.399721	
0.68789	-1.250320	-15.382536	-0.569564
-0.039281	-0.688087	-378.321575	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	18.125137	217.411712	0.327509
0.014366	0.204262	367.181013	
0.17197	18.125137	217.411712	0.327509
0.014366	0.043657	312.299605	
0.34394	18.125137	217.411712	0.327509
0.014366	0.464151	299.443863	
0.51592	18.125137	217.411712	0.327509
0.014366	0.887537	301.121571	
0.68789	18.125137	217.411712	0.327509
0.014366	1.311019	344.088421	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.071709	-75.665171	-0.614856
-0.043503	-0.427077	-0.079954	
0.17197	-8.071709	-75.665171	-0.614856
-0.043503	-0.085092	-77.645490	
0.34394	-8.071709	-75.665171	-0.614856
-0.043503	-0.254711	-164.126552	
0.51592	-8.071709	-75.665171	-0.614856
-0.043503	-0.472401	-250.739517	
0.68789	-8.071709	-75.665171	-0.614856
-0.043503	-0.697982	-352.213063	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.891477	10.168490	0.072442
0.000180	0.045757	2.424776	
0.17197	0.891477	10.168490	0.072442
0.000180	0.020222	91.591551	
0.34394	0.891477	10.168490	0.072442
0.000180	0.156110	189.029307	
0.51592	0.891477	10.168490	0.072442
0.000180	0.296234	286.773512	
0.68789	0.891477	10.168490	0.072442
0.000180	0.436406	384.595248	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.390305	-142.086845	-0.203389
-0.006410	-0.123448	-13.537346	
0.17197	-13.390305	-142.086845	-0.203389
-0.006410	-0.004241	-9.390054	
0.34394	-13.390305	-142.086845	-0.203389
-0.006410	-0.054228	-13.328776	
0.51592	-13.390305	-142.086845	-0.203389
-0.006410	-0.104119	-20.184255	
0.68789	-13.390305	-142.086845	-0.203389
-0.006410	-0.154012	-27.126129	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.858907	86.172695	0.122268
0.007843	0.076115	279.134002	
0.17197	4.858907	86.172695	0.122268
0.007843	0.032868	332.589051	
0.34394	4.858907	86.172695	0.122268
0.007843	0.335947	393.534378	
0.51592	4.858907	86.172695	0.122268
0.007843	0.645519	475.172718	
0.68789	4.858907	86.172695	0.122268
0.007843	0.958402	578.391959	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.770793	-164.742747	-0.455240
-0.045536	-0.339012	-0.024614	
0.17197	-15.770793	-164.742747	-0.455240
-0.045536	-0.070088	-7.014918	
0.34394	-15.770793	-164.742747	-0.455240
-0.045536	-0.116913	-14.665560	
0.51592	-15.770793	-164.742747	-0.455240
-0.045536	-0.183503	-22.413940	
0.68789	-15.770793	-164.742747	-0.455240
-0.045536	-0.264948	-42.823448	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.254115	170.935499	0.316010
0.011462	0.196699	345.640637	
0.17197	13.254115	170.935499	0.316010
0.011462	0.054465	380.391697	
0.34394	13.254115	170.935499	0.316010
0.011462	0.623772	441.997069	
0.51592	13.254115	170.935499	0.316010
0.011462	1.199873	526.223070	
0.68789	13.254115	170.935499	0.316010
0.011462	1.779397	632.632469	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.441281	-170.263930	-0.842218
-0.044747	-0.583849	-0.036112	
0.17197	-15.441281	-170.263930	-0.842218
-0.044747	-0.084884	-33.824404	
0.34394	-15.441281	-170.263930	-0.842218
-0.044747	-0.263490	-96.247066	
0.51592	-15.441281	-170.263930	-0.842218
-0.044747	-0.463362	-161.273957	
0.68789	-15.441281	-170.263930	-0.842218
-0.044747	-0.678220	-239.609225	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.892287	155.625378	0.320644
0.006451	0.200673	2.508436	
0.17197	14.892287	155.625378	0.320644
0.006451	0.039800	10.586669	
0.34394	14.892287	155.625378	0.320644
0.006451	0.452226	19.742106	
0.51592	14.892287	155.625378	0.320644
0.006451	0.864324	28.991742	
0.68789	14.892287	155.625378	0.320644
0.006451	1.276343	38.286686	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.255551	-13.603177	-0.598076
-0.000251	-0.370618	-14.769283	
0.17197	-1.255551	-13.603177	-0.598076
-0.000251	-0.020136	-116.756074	
0.34394	-1.255551	-13.603177	-0.598076
-0.000251	-0.241110	-223.487046	
0.51592	-1.255551	-13.603177	-0.598076
-0.000251	-0.461923	-330.275340	
0.68789	-1.255551	-13.603177	-0.598076
-0.000251	-0.682781	-437.287730	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	21.059719	250.342440	0.429856
0.015159	0.268371	277.944897	
0.17197	21.059719	250.342440	0.429856
0.015159	0.057053	227.750672	
0.34394	21.059719	250.342440	0.429856
0.015159	0.696868	189.501489	
0.51592	21.059719	250.342440	0.429856
0.015159	1.338523	172.055977	
0.68789	21.059719	250.342440	0.429856
0.015159	1.983434	176.257250	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.718792	-20.946140	-0.937270
-0.038213	-0.641692	-0.073460	
0.17197	-1.718792	-20.946140	-0.937270
-0.038213	-0.090067	-106.357600	
0.34394	-1.718792	-20.946140	-0.937270
-0.038213	-0.348479	-228.178845	
0.51592	-1.718792	-20.946140	-0.937270
-0.038213	-0.626923	-350.400775	
0.68789	-1.718792	-20.946140	-0.937270
-0.038213	-0.920192	-485.351413	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	20.437227	251.985891	0.417289
0.014677	0.260099	344.986681	
0.17197	20.437227	251.985891	0.417289
0.014677	0.061751	327.239521	
0.34394	20.437227	251.985891	0.417289
0.014677	0.754205	337.189871	
0.51592	20.437227	251.985891	0.417289
0.014677	1.449808	369.170605	
0.68789	20.437227	251.985891	0.417289
0.014677	2.148701	423.288079	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.209423	-95.303907	-1.015556
-0.042298	-0.691785	-0.080324	
0.17197	-9.209423	-95.303907	-1.015556
-0.042298	-0.091528	-98.591625	
0.34394	-9.209423	-95.303907	-1.015556
-0.042298	-0.339428	-211.538495	
0.51592	-9.209423	-95.303907	-1.015556
-0.042298	-0.609214	-324.849935	
0.68789	-9.209423	-95.303907	-1.015556
-0.042298	-0.893832	-454.564917	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	18.689727	217.411712	0.327509
0.014475	0.204262	367.692133	
0.17197	18.689727	217.411712	0.327509
0.014475	0.043657	380.513090	
0.34394	18.689727	217.411712	0.327509
0.014475	0.464151	407.923537	
0.51592	18.689727	217.411712	0.327509
0.014475	0.887537	447.967272	
0.68789	18.689727	217.411712	0.327509
0.014475	1.311019	526.368819	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.869296	-132.412344	-0.614856
-0.045334	-0.427077	-16.394018	
0.17197	-13.869296	-132.412344	-0.614856
-0.045334	-0.085092	-86.791468	
0.34394	-13.869296	-132.412344	-0.614856
-0.045334	-0.254711	-177.011344	
0.51592	-13.869296	-132.412344	-0.614856
-0.045334	-0.472401	-270.399721	
0.68789	-13.869296	-132.412344	-0.614856
-0.045334	-0.697982	-378.321575	

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	21.059719	251.985891	0.429856
0.015159	0.268371	345.640637	
0.17197	21.059719	251.985891	0.429856
0.015159	0.061751	380.391697	
0.34394	21.059719	251.985891	0.429856
0.015159	0.754205	441.997069	
0.51592	21.059719	251.985891	0.429856
0.015159	1.449808	526.223070	
0.68789	21.059719	251.985891	0.429856
0.015159	2.148701	632.632469	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.770793	-170.263930	-1.015556
-0.045536	-0.691785	-14.769283	
0.17197	-15.770793	-170.263930	-1.015556
-0.045536	-0.091528	-116.756074	
0.34394	-15.770793	-170.263930	-1.015556
-0.045536	-0.348479	-228.178845	
0.51592	-15.770793	-170.263930	-1.015556
-0.045536	-0.626923	-350.400775	
0.68789	-15.770793	-170.263930	-1.015556
-0.045536	-0.920192	-485.351413	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	21.059719	251.985891	0.429856
0.015159	0.268371	367.692133	
0.17197	21.059719	251.985891	0.429856
0.015159	0.061751	380.513090	
0.34394	21.059719	251.985891	0.429856
0.015159	0.754205	441.997069	
0.51592	21.059719	251.985891	0.429856
0.015159	1.449808	526.223070	
0.68789	21.059719	251.985891	0.429856
0.015159	2.148701	632.632469	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.770793	-170.263930	-1.015556
-0.045536	-0.691785	-16.394018	
0.17197	-15.770793	-170.263930	-1.015556
-0.045536	-0.091528	-116.756074	
0.34394	-15.770793	-170.263930	-1.015556
-0.045536	-0.348479	-228.178845	
0.51592	-15.770793	-170.263930	-1.015556
-0.045536	-0.626923	-350.400775	
0.68789	-15.770793	-170.263930	-1.015556
-0.045536	-0.920192	-485.351413	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	21.059719	251.985891	0.429856
0.015159	0.268371	367.692133	
0.17197	21.059719	251.985891	0.429856
0.015159	0.061751	380.513090	
0.34394	21.059719	251.985891	0.429856
0.015159	0.754205	441.997069	
0.51592	21.059719	251.985891	0.429856
0.015159	1.449808	526.223070	
0.68789	21.059719	251.985891	0.429856
0.015159	2.148701	632.632469	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.770793	-170.263930	-1.015556
-0.045536	-0.691785	-16.394018	
0.17197	-15.770793	-170.263930	-1.015556
-0.045536	-0.091528	-116.756074	
0.34394	-15.770793	-170.263930	-1.015556
-0.045536	-0.348479	-228.178845	
0.51592	-15.770793	-170.263930	-1.015556
-0.045536	-0.626923	-350.400775	
0.68789	-15.770793	-170.263930	-1.015556
-0.045536	-0.920192	-485.351413	

FRAME ELEMENT INTERNAL FORCES

ELEM 135 ========== LENGTH = 4.482826

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004945	0.075852	0.104116
1.63E-05	0.240330	0.012118	
0.25000	0.003916	0.111836	0.104116
1.63E-05	0.123604	0.777760	
0.50000	0.003094	0.144564	0.104116
1.63E-05	0.006642	1.492146	
0.75000	0.002429	0.169152	0.104116
1.63E-05	0.122430	2.155578	
1.00000	0.002024	0.189626	0.104116
1.63E-05	0.255178	2.806730	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042338	-0.741333	-0.118461
-0.001743	-0.275928	-0.013414	
0.25000	-0.043268	-0.701293	-0.118461
-0.001743	-0.143155	-0.075747	
0.50000	-0.044110	-0.669365	-0.118461
-0.001743	-0.010253	-0.160764	
0.75000	-0.044744	-0.643559	-0.118461
-0.001743	-0.109658	-0.245708	
1.00000	-0.045287	-0.627916	-0.118461
-0.001743	-0.226402	-0.389494	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.993459	8.815639	0.141915
6.01E-07	0.327789	0.016745	
0.25000	2.620112	56.854272	0.141915
6.01E-07	0.168721	114.096304	
0.50000	1.522236	100.547343	0.141915
6.01E-07	0.041598	132.814666	
0.75000	0.634483	133.372226	0.141915
6.01E-07	0.257809	83.511096	
1.00000	0.094232	160.704114	0.141915
6.01E-07	0.497541	17.811683	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.273026	-155.396006	-0.218902
-0.002084	-0.568857	-0.154646	
0.25000	-1.513752	-101.942665	-0.218902
-0.002084	-0.335683	-9.876219	
0.50000	-2.638305	-59.318701	-0.218902
-0.002084	-0.102291	-19.755991	
0.75000	-3.484492	-24.867587	-0.218902
-0.002084	-0.173244	-29.635657	
1.00000	-4.209536	-3.985219	-0.218902
-0.002084	-0.308350	-118.010371	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.139240	9.050279	0.175613
0.001172	0.405350	0.020515	
0.25000	2.735649	58.146841	0.175613
0.001172	0.208490	117.119098	
0.50000	1.613595	102.802142	0.175613
0.001172	0.044278	136.777127	
0.75000	0.706292	136.349910	0.175613
0.001172	0.332276	86.915186	
1.00000	0.154143	164.283714	0.175613
0.001172	0.651742	20.296326	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276724	-159.288820	-0.290156
-0.001859	-0.735939	-0.175166	
0.25000	-1.544774	-104.658304	-0.290156
-0.001859	-0.423168	-10.140610	
0.50000	-2.694092	-61.095655	-0.290156
-0.001859	-0.110151	-20.283368	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.558914	-25.885843	-0.290156
-0.001859	-0.209466	-30.426004	
1.00000	-4.299926	-4.543593	-0.290156
-0.001859	-0.381835	-120.792340	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.081426	0.073276	0.077100
0.001826	0.177627	0.008662	
0.25000	0.080397	0.109260	0.077100
0.001826	0.091188	0.782912	
0.50000	0.079575	0.141989	0.077100
0.001826	0.004650	1.502289	
0.75000	0.078910	0.166577	0.077100
0.001826	0.117616	2.170712	
1.00000	0.078505	0.187050	0.077100
0.001826	0.245071	2.826855	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004406	-0.745786	-0.113714
-1.56E-05	-0.264751	-0.012299	
0.25000	-0.005336	-0.705746	-0.113714
-1.56E-05	-0.137321	-0.082963	
0.50000	-0.006178	-0.673818	-0.113714
-1.56E-05	-0.009781	-0.165021	
0.75000	-0.006812	-0.648012	-0.113714
-1.56E-05	-0.081504	-0.247139	
1.00000	-0.007355	-0.632370	-0.113714
-1.56E-05	-0.167983	-0.388058	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.090300	8.812637	0.107620
0.002181	0.248193	0.012457	
0.25000	2.716954	56.851270	0.107620
0.002181	0.127474	114.100007	
0.50000	1.619078	100.544341	0.107620
0.002181	0.039067	132.821783	
0.75000	0.731325	133.369224	0.107620
0.002181	0.251788	83.521627	
1.00000	0.191074	160.701112	0.107620
0.002181	0.484878	17.825628	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.230910	-155.399052	-0.212983
-5.77E-07	-0.554975	-0.153834	
0.25000	-1.471636	-101.945711	-0.212983
-5.77E-07	-0.328458	-9.884606	
0.50000	-2.596189	-59.321747	-0.212983
-5.77E-07	-0.101765	-19.760964	
0.75000	-3.442376	-24.870634	-0.212983
-5.77E-07	-0.137454	-29.637342	
1.00000	-4.167420	-3.988265	-0.212983
-5.77E-07	-0.234189	-118.008735	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.169885	9.049076	0.165256
0.001945	0.381308	0.019136	
0.25000	2.766294	58.145639	0.165256
0.001945	0.195994	117.121766	
0.50000	1.644240	102.800940	0.165256
0.001945	0.043533	136.782531	
0.75000	0.736937	136.348708	0.165256
0.001945	0.330231	86.923341	
1.00000	0.184788	164.282512	0.165256
0.001945	0.647405	20.307214	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256451	-159.291259	-0.288130
-0.001116	-0.731186	-0.174818	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.524500	-104.660743	-0.288130
-0.001116	-0.420700	-10.143976	
0.50000	-2.673819	-61.098094	-0.288130
-0.001116	-0.109964	-20.285342	
0.75000	-3.538641	-25.888282	-0.288130
-0.001116	-0.198641	-30.426676	
1.00000	-4.279653	-4.546032	-0.288130
-0.001116	-0.359444	-120.791679	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004084	0.100954	0.147755
1.81E-05	0.341129	0.015065	
0.25000	0.003462	0.118086	0.147755
1.81E-05	0.175445	0.772337	
0.50000	0.002931	0.138414	0.147755
1.81E-05	0.008836	1.538354	
0.75000	0.002532	0.156489	0.147755
1.81E-05	0.269617	2.278988	
1.00000	0.002315	0.170035	0.147755
1.81E-05	0.561197	3.017713	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038084	-0.824476	-0.259907
-0.001987	-0.603548	-0.029203	
0.25000	-0.038533	-0.800311	-0.259907
-0.001987	-0.312062	-0.088545	
0.50000	-0.039057	-0.779686	-0.259907
-0.001987	-0.019363	-0.192206	
0.75000	-0.039523	-0.764207	-0.259907
-0.001987	-0.155402	-0.295853	
1.00000	-0.039873	-0.755816	-0.259907
-0.001987	-0.321107	-0.428718	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.666619	8.813364	0.202015
4.17E-07	0.467086	0.020194	
0.25000	2.405868	43.556719	0.202015
4.17E-07	0.240614	80.449558	
0.50000	1.328744	84.782271	0.202015
4.17E-07	0.044662	92.790986	
0.75000	0.518950	121.438166	0.202015
4.17E-07	0.472840	54.343228	
1.00000	0.079108	148.909306	0.202015
4.17E-07	0.949087	12.216733	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254753	-142.624770	-0.437387
-0.002327	-1.077534	-0.164445	
0.25000	-1.166371	-93.617412	-0.437387
-0.002327	-0.590930	-7.740441	
0.50000	-2.228364	-51.790081	-0.437387
-0.002327	-0.110327	-15.502372	
0.75000	-3.173811	-20.399338	-0.437387
-0.002327	-0.245300	-23.276875	
1.00000	-3.884390	-3.381502	-0.437387
-0.002327	-0.444715	-90.468281	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.727216	8.874212	0.246689
0.001297	0.570000	0.024833	
0.25000	2.466092	43.627846	0.246689
0.001297	0.293665	81.022343	
0.50000	1.388650	84.865595	0.246689
0.001297	0.047361	93.932176	
0.75000	0.578617	121.532335	0.246689
0.001297	0.585914	56.037846	
1.00000	0.138645	149.011602	0.246689
0.001297	1.184285	14.463567	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256293	-143.245065	-0.546406
-0.002080	-1.331134	-0.188561	
0.25000	-1.168181	-94.223208	-0.546406
-0.002080	-0.722405	-7.822667	
0.50000	-2.230489	-52.383502	-0.546406
-0.002080	-0.119350	-15.657703	
0.75000	-3.176215	-20.983472	-0.546406
-0.002080	-0.292829	-23.505195	
1.00000	-3.887005	-3.960601	-0.546406
-0.002080	-0.542147	-90.787197	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.083614	0.094990	0.107431
0.002088	0.247563	0.010895	
0.25000	0.082993	0.112122	0.107431
0.002088	0.126839	0.795087	
0.50000	0.082461	0.132450	0.107431
0.002088	0.006324	1.561902	
0.75000	0.082062	0.150525	0.107431
0.002088	0.205865	2.303814	
1.00000	0.081845	0.164071	0.107431
0.002088	0.427921	3.043562	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005670	-0.825967	-0.198184
-1.70E-05	-0.460528	-0.021301	
0.25000	-0.006120	-0.801802	-0.198184
-1.70E-05	-0.238400	-0.101616	
0.50000	-0.006644	-0.781177	-0.198184
-1.70E-05	-0.015225	-0.199184	
0.75000	-0.007110	-0.765698	-0.198184
-1.70E-05	-0.113228	-0.296358	
1.00000	-0.007460	-0.757307	-0.198184
-1.70E-05	-0.233672	-0.422830	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.766328	8.806315	0.150405
0.002486	0.347490	0.015192	
0.25000	2.505578	43.549671	0.150405
0.002486	0.178511	80.474913	
0.50000	1.428454	84.775222	0.150405
0.002486	0.041339	92.816506	
0.75000	0.618660	121.431118	0.150405
0.002486	0.394956	54.369143	
1.00000	0.178818	148.902257	0.150405
0.002486	0.786339	12.242874	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.220408	-142.625158	-0.362015
-3.93E-07	-0.902837	-0.155132	
0.25000	-1.132026	-93.617800	-0.362015
-3.93E-07	-0.501073	-7.756076	
0.50000	-2.194019	-51.790469	-0.362015
-3.93E-07	-0.105794	-15.511118	
0.75000	-3.139466	-20.399726	-0.362015
-3.93E-07	-0.191450	-23.278208	
1.00000	-3.850045	-3.381889	-0.362015
-3.93E-07	-0.333248	-90.462382	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.759846	8.871482	0.231243
0.002222	0.534185	0.022958	
0.25000	2.498722	43.625116	0.231243
0.002222	0.274601	81.033411	
0.50000	1.421280	84.862865	0.231243
0.002222	0.046162	93.944697	
0.75000	0.611247	121.529605	0.231243
0.002222	0.558636	56.051961	
1.00000	0.171275	149.008872	0.231243
0.002222	1.127277	14.478993	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.238149	-143.246852	-0.519986
-0.001212	-1.269846	-0.184387	
0.25000	-1.150037	-94.224995	-0.519986
-0.001212	-0.690796	-7.828043	
0.50000	-2.212345	-52.385289	-0.519986
-0.001212	-0.117582	-15.660102	
0.75000	-3.158071	-20.985259	-0.519986
-0.001212	-0.276352	-23.504255	
1.00000	-3.868861	-3.962387	-0.519986
-0.001212	-0.508759	-90.782952	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.169885	9.050279	0.175613
0.002181	0.405350	0.020515	
0.25000	2.766294	58.146841	0.175613
0.002181	0.208490	117.121766	
0.50000	1.644240	102.802142	0.175613
0.002181	0.044278	136.782531	
0.75000	0.736937	136.349910	0.175613
0.002181	0.332276	86.923341	
1.00000	0.191074	164.283714	0.175613
0.002181	0.651742	20.307214	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276724	-159.291259	-0.290156
-0.002084	-0.735939	-0.175166	
0.25000	-1.544774	-104.660743	-0.290156
-0.002084	-0.423168	-10.143976	
0.50000	-2.694092	-61.098094	-0.290156
-0.002084	-0.110151	-20.285342	
0.75000	-3.558914	-25.888282	-0.290156
-0.002084	-0.209466	-30.426676	
1.00000	-4.299926	-4.546032	-0.290156
-0.002084	-0.381835	-120.792340	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.766328	8.874212	0.246689
0.002486	0.570000	0.024833	
0.25000	2.505578	43.627846	0.246689
0.002486	0.293665	81.033411	
0.50000	1.428454	84.865595	0.246689
0.002486	0.047361	93.944697	
0.75000	0.618660	121.532335	0.246689
0.002486	0.585914	56.051961	
1.00000	0.178818	149.011602	0.246689
0.002486	1.184285	14.478993	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256293	-143.246852	-0.546406
-0.002327	-1.331134	-0.188561	
0.25000	-1.168181	-94.224995	-0.546406
-0.002327	-0.722405	-7.828043	
0.50000	-2.230489	-52.385289	-0.546406
-0.002327	-0.119350	-15.660102	
0.75000	-3.176215	-20.985259	-0.546406
-0.002327	-0.292829	-23.505195	
1.00000	-3.887005	-3.962387	-0.546406
-0.002327	-0.542147	-90.787197	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.169885	9.050279	0.246689
0.002486	0.570000	0.024833	
0.25000	2.766294	58.146841	0.246689
0.002486	0.293665	117.121766	
0.50000	1.644240	102.802142	0.246689
0.002486	0.047361	136.782531	
0.75000	0.736937	136.349910	0.246689
0.002486	0.585914	86.923341	
1.00000	0.191074	164.283714	0.246689
0.002486	1.184285	20.307214	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276724	-159.291259	-0.546406
-0.002327	-1.331134	-0.188561	
0.25000	-1.544774	-104.660743	-0.546406
-0.002327	-0.722405	-10.143976	
0.50000	-2.694092	-61.098094	-0.546406
-0.002327	-0.119350	-20.285342	
0.75000	-3.558914	-25.888282	-0.546406
-0.002327	-0.292829	-30.426676	
1.00000	-4.299926	-4.546032	-0.546406
-0.002327	-0.542147	-120.792340	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.169885	9.050279	0.246689
0.002486	0.570000	0.024833	
0.25000	2.766294	58.146841	0.246689
0.002486	0.293665	117.121766	
0.50000	1.644240	102.802142	0.246689
0.002486	0.047361	136.782531	
0.75000	0.736937	136.349910	0.246689
0.002486	0.585914	86.923341	
1.00000	0.191074	164.283714	0.246689
0.002486	1.184285	20.307214	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276724	-159.291259	-0.546406
-0.002327	-1.331134	-0.188561	
0.25000	-1.544774	-104.660743	-0.546406
-0.002327	-0.722405	-10.143976	
0.50000	-2.694092	-61.098094	-0.546406
-0.002327	-0.119350	-20.285342	
0.75000	-3.558914	-25.888282	-0.546406
-0.002327	-0.292829	-30.426676	
1.00000	-4.299926	-4.546032	-0.546406
-0.002327	-0.542147	-120.792340	

ELEM 136 ========== LENGTH = 4.980875

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.006101	0.141706	0.077158
1.48E-05	0.191923	2.792478	
0.25000	0.005289	0.168741	0.077158
1.48E-05	0.095844	3.872761	
0.50000	0.004584	0.199813	0.077158
1.48E-05	0.000518	5.061674	
0.75000	0.003837	0.227539	0.077158
1.48E-05	0.092334	6.227156	
1.00000	0.003284	0.259958	0.077158
1.48E-05	0.189565	7.399356	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080354	-1.125955	-0.078064
-0.001477	-0.199376	-0.374001	
0.25000	-0.081045	-1.094925	-0.078064
-0.001477	-0.102152	-0.492446	
0.50000	-0.081838	-1.067378	-0.078064
-0.001477	-0.008059	-0.646009	
0.75000	-0.082544	-1.038078	-0.078064
-0.001477	-0.096324	-0.800520	
1.00000	-0.083394	-1.016362	-0.078064
-0.001477	-0.192390	-1.014679	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.302767	14.002622	0.113947
5.47E-07	0.311781	17.796386	
0.25000	3.217838	50.093764	0.113947
5.47E-07	0.169824	110.033607	
0.50000	2.276854	91.575974	0.113947
5.47E-07	0.046612	148.942429	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.280569	128.589206	0.113947
5.47E-07	0.200185	112.507907	
1.00000	0.541851	171.869343	0.113947
5.47E-07	0.387962	36.756327	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.454648	-169.401365	-0.150745
-0.001770	-0.378903	-117.995747	
0.25000	-1.378033	-127.976266	-0.150745
-0.001770	-0.214071	-61.412806	
0.50000	-2.435874	-91.200825	-0.150745
-0.001770	-0.057562	-51.713075	
0.75000	-3.378872	-52.085300	-0.150745
-0.001770	-0.150709	-43.279409	
1.00000	-4.514076	-23.094210	-0.150745
-0.001770	-0.275582	-114.474702	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.485651	14.387884	0.139977
0.001024	0.376611	20.273392	
0.25000	3.376830	51.273842	0.139977
0.001024	0.202221	114.984183	
0.50000	2.415122	93.669593	0.139977
0.001024	0.048361	155.469015	
0.75000	1.396897	131.497948	0.139977
0.001024	0.257101	119.106406	
1.00000	0.641911	175.731221	0.139977
0.001024	0.504585	42.623331	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.457079	-173.893897	-0.198682
-0.001578	-0.501392	-120.779946	
0.25000	-1.400800	-131.556515	-0.198682
-0.001578	-0.277397	-63.046752	
0.50000	-2.481936	-93.971188	-0.198682
-0.001578	-0.063762	-53.229253	
0.75000	-3.445702	-53.994242	-0.198682
-0.001578	-0.183897	-44.705701	
1.00000	-4.605906	-24.364697	-0.198682
-0.001578	-0.340828	-117.564734	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.124617	0.139743	0.058504
0.001552	0.144723	2.811644	
0.25000	0.123805	0.166778	0.058504
0.001552	0.071755	3.887213	
0.50000	0.123100	0.197851	0.058504
0.001552	0.001185	5.071077	
0.75000	0.122354	0.225576	0.058504
0.001552	0.089606	6.229756	
1.00000	0.121800	0.257996	0.058504
0.001552	0.184346	7.394385	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007862	-1.120711	-0.076138
-1.40E-05	-0.194916	-0.389903	
0.25000	-0.008554	-1.089681	-0.076138
-1.40E-05	-0.100161	-0.505812	
0.50000	-0.009346	-1.062134	-0.076138
-1.40E-05	-0.007858	-0.656942	
0.75000	-0.010053	-1.032834	-0.076138
-1.40E-05	-0.073722	-0.809049	
1.00000	-0.010903	-1.011118	-0.076138
-1.40E-05	-0.146683	-1.020803	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.451970	14.000329	0.090244
0.001863	0.251788	17.809431	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.367042	50.091471	0.090244
0.001863	0.139192	110.045323	
0.50000	2.426057	91.573680	0.090244
0.001863	0.047490	148.948331	
0.75000	1.429773	128.586913	0.090244
0.001863	0.196666	112.505110	
1.00000	0.691054	171.867050	0.090244
0.001863	0.381228	36.743760	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.368833	-169.393453	-0.148201
-5.16E-07	-0.373066	-118.014250	
0.25000	-1.292219	-127.968354	-0.148201
-5.16E-07	-0.211385	-61.428373	
0.50000	-2.350059	-91.192913	-0.148201
-5.16E-07	-0.057543	-51.725809	
0.75000	-3.293058	-52.077388	-0.148201
-5.16E-07	-0.122051	-43.289309	
1.00000	-4.428262	-23.086298	-0.148201
-5.16E-07	-0.217518	-114.481769	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.535051	14.386996	0.132858
0.001667	0.358585	20.283649	
0.25000	3.426230	51.272954	0.132858
0.001667	0.193043	114.999833	
0.50000	2.464522	93.668705	0.132858
0.001667	0.048707	155.479541	
0.75000	1.446297	131.497060	0.132858
0.001667	0.256067	119.112616	
1.00000	0.691310	175.730333	0.132858
0.001667	0.502540	42.626951	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.424475	-173.891855	-0.197906
-0.000969	-0.499725	-120.787343	
0.25000	-1.368196	-131.554473	-0.197906
-0.000969	-0.276661	-63.052959	
0.50000	-2.449332	-93.969146	-0.197906
-0.000969	-0.063921	-53.234364	
0.75000	-3.413098	-53.992200	-0.197906
-0.000969	-0.175261	-44.709716	
1.00000	-4.573302	-24.362654	-0.197906
-0.000969	-0.323394	-117.567653	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005357	0.188596	0.108937
1.58E-05	0.271206	2.972673	
0.25000	0.004847	0.199330	0.108937
1.58E-05	0.135427	4.224147	
0.50000	0.004323	0.218546	0.108937
1.58E-05	0.000607	5.538383	
0.75000	0.003865	0.238455	0.108937
1.58E-05	0.214027	6.849843	
1.00000	0.003725	0.255658	0.108937
1.58E-05	0.435819	8.152798	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072686	-1.262170	-0.178020
-0.001640	-0.450492	-0.403074	
0.25000	-0.072976	-1.242214	-0.178020
-0.001640	-0.228587	-0.586173	
0.50000	-0.073467	-1.221665	-0.178020
-0.001640	-0.009947	-0.787587	
0.75000	-0.073975	-1.203722	-0.178020
-0.001640	-0.135450	-0.989015	
1.00000	-0.074414	-1.198745	-0.178020
-0.001640	-0.271195	-1.220690	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.843970	13.412515	0.163521
3.65E-07	0.435959	12.158970	
0.25000	2.808577	35.180392	0.163521
3.65E-07	0.232226	80.242766	
0.50000	1.745153	74.151105	0.163521
3.65E-07	0.033155	108.006641	
0.75000	0.817696	114.526587	0.163521
3.65E-07	0.370290	77.759058	
1.00000	0.533477	149.414567	0.163521
3.65E-07	0.735458	30.205893	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.401864	-151.300836	-0.295268
-0.001934	-0.755344	-90.441133	
0.25000	-0.988612	-110.829466	-0.295268
-0.001934	-0.400522	-47.105946	
0.50000	-1.984314	-69.156376	-0.295268
-0.001934	-0.057086	-40.861570	
0.75000	-3.014968	-32.767143	-0.295268
-0.001934	-0.201944	-34.725548	
1.00000	-3.906012	-22.674701	-0.295268
-0.001934	-0.380489	-89.787259	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.938631	13.578768	0.197626
0.001069	0.520173	14.402222	
0.25000	2.902932	35.353086	0.197626
0.001069	0.274143	83.108161	
0.50000	1.839193	74.335328	0.197626
0.001069	0.034058	111.764583	
0.75000	0.911461	114.722756	0.197626
0.001069	0.458827	82.457933	
1.00000	0.627158	149.621058	0.197626
0.001069	0.916441	35.840747	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.401628	-152.244690	-0.369600
-0.001728	-0.944717	-90.767279	
0.25000	-0.988550	-111.761346	-0.369600
-0.001728	-0.497419	-47.544314	
0.50000	-1.984546	-70.075927	-0.369600
-0.001728	-0.063627	-41.423197	
0.75000	-3.015505	-33.675928	-0.369600
-0.001728	-0.245158	-35.410332	
1.00000	-3.906812	-23.580500	-0.369600
-0.001728	-0.466124	-90.613457	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.130625	0.183950	0.081067
0.001760	0.200501	3.034251	
0.25000	0.130115	0.194683	0.081067
0.001760	0.099132	4.276115	
0.50000	0.129590	0.213900	0.081067
0.001760	0.001474	5.580599	
0.75000	0.129133	0.233809	0.081067
0.001760	0.163346	6.881529	
1.00000	0.128993	0.251012	0.081067
0.001760	0.333308	8.173913	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010171	-1.252945	-0.136441
-1.41E-05	-0.346387	-0.431392	
0.25000	-0.010460	-1.232989	-0.136441
-1.41E-05	-0.176464	-0.608929	
0.50000	-0.010951	-1.212440	-0.136441
-1.41E-05	-0.010312	-0.804838	
0.75000	-0.011459	-1.194497	-0.136441
-1.41E-05	-0.101330	-1.000851	
1.00000	-0.011899	-1.189520	-0.136441
-1.41E-05	-0.202650	-1.226919	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.000051	13.407099	0.127780
0.002041	0.345667	12.227136	
0.25000	2.964659	35.174976	0.127780
0.002041	0.185668	80.301505	
0.50000	1.901234	74.145688	0.127780
0.002041	0.034274	108.052714	
0.75000	0.973777	114.521171	0.127780
0.002041	0.308531	77.791849	
1.00000	0.689558	149.409151	0.127780
0.002041	0.609929	30.225401	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.330164	-151.289618	-0.244346
-3.26E-07	-0.627936	-90.475415	
0.25000	-0.916911	-110.818248	-0.244346
-3.26E-07	-0.336920	-47.133665	
0.50000	-1.912613	-69.145158	-0.244346
-3.26E-07	-0.057978	-40.882573	
0.75000	-2.943267	-32.755925	-0.244346
-3.26E-07	-0.158798	-34.739981	
1.00000	-3.834311	-22.663483	-0.244346
-3.26E-07	-0.292829	-89.794910	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.990995	13.576452	0.186956
0.001858	0.493175	14.433664	
0.25000	2.955296	35.350769	0.186956
0.001858	0.260088	83.134244	
0.50000	1.891557	74.333012	0.186956
0.001858	0.034500	111.785566	
0.75000	0.963825	114.720439	0.186956
0.001858	0.437169	82.474456	
1.00000	0.679522	149.618742	0.186956
0.001858	0.872503	35.852835	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.371822	-152.241357	-0.351852
-0.000994	-0.900178	-90.778280	
0.25000	-0.958743	-111.758014	-0.351852
-0.000994	-0.475100	-47.553246	
0.50000	-1.954740	-70.072594	-0.351852
-0.000994	-0.064154	-41.429775	
0.75000	-2.985699	-33.672595	-0.351852
-0.000994	-0.232034	-35.414919	
1.00000	-3.877006	-23.577167	-0.351852
-0.000994	-0.439750	-90.615834	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.535051	14.387884	0.139977
0.001863	0.376611	20.283649	
0.25000	3.426230	51.273842	0.139977
0.001863	0.202221	114.999833	
0.50000	2.464522	93.669593	0.139977
0.001863	0.048707	155.479541	
0.75000	1.446297	131.497948	0.139977
0.001863	0.257101	119.112616	
1.00000	0.691310	175.731221	0.139977
0.001863	0.504585	42.626951	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.457079	-173.893897	-0.198682
-0.001770	-0.501392	-120.787343	
0.25000	-1.400800	-131.556515	-0.198682
-0.001770	-0.277397	-63.052959	
0.50000	-2.481936	-93.971188	-0.198682
-0.001770	-0.063921	-53.234364	
0.75000	-3.445702	-53.994242	-0.198682
-0.001770	-0.183897	-44.709716	
1.00000	-4.605906	-24.364697	-0.198682
-0.001770	-0.340828	-117.567653	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.000051	13.578768	0.197626
0.002041	0.520173	14.433664	
0.25000	2.964659	35.353086	0.197626
0.002041	0.274143	83.134244	
0.50000	1.901234	74.335328	0.197626
0.002041	0.034500	111.785566	
0.75000	0.973777	114.722756	0.197626
0.002041	0.458827	82.474456	
1.00000	0.689558	149.621058	0.197626
0.002041	0.916441	35.852835	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.401864	-152.244690	-0.369600
-0.001934	-0.944717	-90.778280	
0.25000	-0.988612	-111.761346	-0.369600
-0.001934	-0.497419	-47.553246	
0.50000	-1.984546	-70.075927	-0.369600
-0.001934	-0.064154	-41.429775	
0.75000	-3.015505	-33.675928	-0.369600
-0.001934	-0.245158	-35.414919	
1.00000	-3.906812	-23.580500	-0.369600
-0.001934	-0.466124	-90.615834	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.535051	14.387884	0.197626
0.002041	0.520173	20.283649	
0.25000	3.426230	51.273842	0.197626
0.002041	0.274143	114.999833	
0.50000	2.464522	93.669593	0.197626
0.002041	0.048707	155.479541	
0.75000	1.446297	131.497948	0.197626
0.002041	0.458827	119.112616	
1.00000	0.691310	175.731221	0.197626
0.002041	0.916441	42.626951	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.457079	-173.893897	-0.369600
-0.001934	-0.944717	-120.787343	
0.25000	-1.400800	-131.556515	-0.369600
-0.001934	-0.497419	-63.052959	
0.50000	-2.481936	-93.971188	-0.369600
-0.001934	-0.064154	-53.234364	
0.75000	-3.445702	-53.994242	-0.369600
-0.001934	-0.245158	-44.709716	
1.00000	-4.605906	-24.364697	-0.369600
-0.001934	-0.466124	-117.567653	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.535051	14.387884	0.197626
0.002041	0.520173	20.283649	
0.25000	3.426230	51.273842	0.197626
0.002041	0.274143	114.999833	
0.50000	2.464522	93.669593	0.197626
0.002041	0.048707	155.479541	
0.75000	1.446297	131.497948	0.197626
0.002041	0.458827	119.112616	
1.00000	0.691310	175.731221	0.197626
0.002041	0.916441	42.626951	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.457079	-173.893897	-0.369600
-0.001934	-0.944717	-120.787343	
0.25000	-1.400800	-131.556515	-0.369600
-0.001934	-0.497419	-63.052959	
0.50000	-2.481936	-93.971188	-0.369600
-0.001934	-0.064154	-53.234364	
0.75000	-3.445702	-53.994242	-0.369600
-0.001934	-0.245158	-44.709716	
1.00000	-4.605906	-24.364697	-0.369600
-0.001934	-0.466124	-117.567653	

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ELEM 137 ========== LENGTH = 4.980126

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004248	0.547102	0.076260
1.04E-05	0.190889	7.385429	
0.25000	0.003423	0.570865	0.076260
1.04E-05	0.095865	7.019352	
0.50000	0.002674	0.601711	0.076260
1.04E-05	0.001442	6.715543	
0.75000	0.001885	0.630732	0.076260
1.04E-05	0.087685	6.480897	
1.00000	0.001284	0.662495	0.076260
1.04E-05	0.176145	6.306345	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.106764	-0.144327	-0.070965
-0.001000	-0.177273	-1.000805	
0.25000	-0.107378	-0.113264	-0.070965
-0.001000	-0.088832	-0.949281	
0.50000	-0.108170	-0.084144	-0.070965
-0.001000	-0.011089	-0.948399	
0.75000	-0.108915	-0.053417	-0.070965
-0.001000	-0.093986	-0.949042	
1.00000	-0.109755	-0.030010	-0.070965
-0.001000	-0.188920	-1.002525	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.371579	16.624189	0.110465
3.86E-07	0.295789	36.768322	
0.25000	3.270567	48.347920	0.110465
3.86E-07	0.158276	116.782034	
0.50000	2.270742	89.527753	0.110465
3.86E-07	0.036692	145.865595	
0.75000	1.217804	128.270008	0.110465
3.86E-07	0.178194	112.240724	
1.00000	0.414668	170.674322	0.110465
3.86E-07	0.341294	30.793238	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.539857	-169.357341	-0.130984
-0.001202	-0.328574	-114.416697	
0.25000	-1.358451	-127.888592	-0.130984
-0.001202	-0.181192	-44.407016	
0.50000	-2.416540	-89.013408	-0.130984
-0.001202	-0.057080	-42.003165	
0.75000	-3.411603	-47.992365	-0.130984
-0.001202	-0.142298	-41.636735	
1.00000	-4.533050	-16.745002	-0.130984
-0.001202	-0.257377	-111.811077	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.522690	17.490535	0.137660
0.000704	0.363498	42.633555	
0.25000	3.397430	49.912901	0.137660
0.000704	0.192093	124.047132	
0.50000	2.375586	91.999616	0.137660
0.000704	0.038319	153.450217	
0.75000	1.299461	131.595071	0.137660
0.000704	0.220333	118.979657	
1.00000	0.478637	174.933233	0.137660
0.000704	0.431024	35.804061	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.538853	-173.232407	-0.169232
-0.001071	-0.429809	-117.508003	
0.25000	-1.375474	-130.850414	-0.169232
-0.001071	-0.234541	-45.954251	
0.50000	-2.456865	-91.119102	-0.169232
-0.001071	-0.065224	-43.495178	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.473841	-49.194675	-0.169232
-0.001071	-0.176693	-43.118394	
1.00000	-4.619986	-17.259168	-0.169232
-0.001071	-0.325170	-114.835865	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.081695	0.548871	0.060249
0.001051	0.149602	7.378561	
0.25000	0.080870	0.572634	0.060249
0.001051	0.074505	7.010769	
0.50000	0.080121	0.603481	0.060249
0.001051	0.001394	6.703964	
0.75000	0.079332	0.632501	0.060249
0.001051	0.068888	6.465190	
1.00000	0.078731	0.664265	0.060249
0.001051	0.143231	6.285755	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005311	-0.142215	-0.060784
-9.88E-06	-0.159673	-1.022875	
0.25000	-0.005924	-0.111152	-0.060784
-9.88E-06	-0.084042	-0.967285	
0.50000	-0.006717	-0.082032	-0.060784
-9.88E-06	-0.010917	-0.962364	
0.75000	-0.007462	-0.051305	-0.060784
-9.88E-06	-0.075351	-0.958969	
1.00000	-0.008302	-0.027898	-0.060784
-9.88E-06	-0.150434	-1.008413	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.466458	16.625358	0.090046
0.001272	0.243204	36.753600	
0.25000	3.365446	48.349090	0.090046
0.001272	0.130983	116.762100	
0.50000	2.365621	89.528923	0.090046
0.001272	0.036635	145.843441	
0.75000	1.312683	128.271178	0.090046
0.001272	0.159995	112.215267	
1.00000	0.509547	170.675492	0.090046
0.001272	0.314178	30.762254	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.414716	-169.353038	-0.123875
-3.66E-07	-0.320597	-114.442372	
0.25000	-1.233310	-127.884288	-0.123875
-3.66E-07	-0.179565	-44.427968	
0.50000	-2.291399	-89.009104	-0.123875
-3.66E-07	-0.056892	-42.019396	
0.75000	-3.286462	-47.988061	-0.123875
-3.66E-07	-0.118582	-41.648243	
1.00000	-4.407909	-16.740699	-0.123875
-3.66E-07	-0.208336	-111.817863	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.555708	17.491674	0.131569
0.001134	0.347812	42.636241	
0.25000	3.430449	49.914041	0.131569
0.001134	0.183951	124.048682	
0.50000	2.408605	92.000755	0.131569
0.001134	0.038295	153.451842	
0.75000	1.332479	131.596211	0.131569
0.001134	0.206064	118.978271	
1.00000	0.511656	174.934372	0.131569
0.001134	0.409856	35.800441	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.495566	-173.231955	-0.163907
-0.000671	-0.424780	-117.518303	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.332187	-130.849961	-0.163907
-0.000671	-0.234211	-45.962680	
0.50000	-2.413578	-91.118650	-0.163907
-0.000671	-0.065310	-43.501736	
0.75000	-3.430555	-49.194222	-0.163907
-0.000671	-0.169620	-43.123080	
1.00000	-4.576699	-17.258716	-0.163907
-0.000671	-0.310581	-114.838679	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003030	0.440741	0.106692
1.01E-05	0.267449	8.113611	
0.25000	0.002559	0.449343	0.106692
1.01E-05	0.134459	7.769420	
0.50000	0.002030	0.468275	0.106692
1.01E-05	0.001708	7.476225	
0.75000	0.001546	0.488834	0.106692
1.01E-05	0.185151	7.211860	
1.00000	0.001327	0.506912	0.106692
1.01E-05	0.380725	6.970435	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103227	-0.094938	-0.156842
-0.001006	-0.400056	-1.197344	
0.25000	-0.103463	-0.076686	-0.156842
-0.001006	-0.204430	-1.172963	
0.50000	-0.103951	-0.056096	-0.156842
-0.001006	-0.014087	-1.174948	
0.75000	-0.104479	-0.037260	-0.156842
-0.001006	-0.130668	-1.177085	
1.00000	-0.104945	-0.029387	-0.156842
-0.001006	-0.263662	-1.206708	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.863869	16.196709	0.149132
2.33E-07	0.393743	30.156394	
0.25000	2.909209	33.640386	0.149132
2.33E-07	0.207970	80.095413	
0.50000	1.835613	72.035374	0.149132
2.33E-07	0.025818	107.482916	
0.75000	0.853819	113.727963	0.149132
2.33E-07	0.314082	77.890602	
1.00000	0.410604	150.391426	0.149132
2.33E-07	0.627846	25.392137	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.507979	-149.280967	-0.254224
-0.001187	-0.652204	-89.720970	
0.25000	-0.987998	-112.266906	-0.254224
-0.001187	-0.349003	-35.347400	
0.50000	-1.976345	-70.510604	-0.254224
-0.001187	-0.060049	-34.293857	
0.75000	-3.048449	-32.310608	-0.254224
-0.001187	-0.192693	-33.508095	
1.00000	-3.992415	-16.344564	-0.254224
-0.001187	-0.359909	-88.670603	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.923761	16.667150	0.184678
0.000667	0.482160	35.796430	
0.25000	2.968819	34.115988	0.184678
0.000667	0.251770	85.326451	
0.50000	1.894905	72.522335	0.184678
0.000667	0.026847	112.440028	
0.75000	0.912820	114.227259	0.184678
0.000667	0.385130	82.791149	
1.00000	0.469474	150.901569	0.184678
0.000667	0.776471	30.237511	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.500329	-149.482352	-0.316578
-0.001060	-0.814352	-90.552908	
0.25000	-0.980489	-112.457341	-0.316578
-0.001060	-0.433368	-36.155422	
0.50000	-1.969129	-70.688684	-0.316578
-0.001060	-0.068893	-35.093924	
0.75000	-3.041550	-32.477387	-0.316578
-0.001060	-0.237496	-34.300329	
1.00000	-3.985795	-16.506618	-0.316578
-0.001060	-0.449257	-89.471466	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.084424	0.445308	0.082762
0.001081	0.205498	8.166407	
0.25000	0.083953	0.453909	0.082762
0.001081	0.102042	7.809940	
0.50000	0.083424	0.472842	0.082762
0.001081	0.001634	7.502751	
0.75000	0.082940	0.493400	0.082762
0.001081	0.136186	7.223312	
1.00000	0.082721	0.511479	0.082762
0.001081	0.281163	6.968621	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006361	-0.093593	-0.117125
-9.37E-06	-0.302286	-1.235476	
0.25000	-0.006598	-0.075341	-0.117125
-9.37E-06	-0.156552	-1.203056	
0.50000	-0.007085	-0.054751	-0.117125
-9.37E-06	-0.013895	-1.197069	
0.75000	-0.007614	-0.035915	-0.117125
-9.37E-06	-0.103030	-1.191154	
1.00000	-0.008079	-0.028042	-0.117125
-9.37E-06	-0.205980	-1.212833	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.963172	16.200827	0.118348
0.001277	0.314275	30.213457	
0.25000	3.008512	33.644504	0.118348
0.001277	0.166890	80.139585	
0.50000	1.934916	72.039492	0.118348
0.001277	0.025728	107.511511	
0.75000	0.953122	113.732081	0.118348
0.001277	0.256083	77.900849	
1.00000	0.509907	150.395544	0.118348
0.001277	0.510883	25.384426	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.390834	-149.278230	-0.207517
-2.17E-07	-0.537559	-89.766376	
0.25000	-0.870852	-112.264169	-0.207517
-2.17E-07	-0.292013	-35.383041	
0.50000	-1.859200	-70.507867	-0.207517
-2.17E-07	-0.059846	-34.320130	
0.75000	-2.931304	-32.307871	-0.207517
-2.17E-07	-0.156989	-33.524842	
1.00000	-3.875270	-16.341827	-0.207517
-2.17E-07	-0.285828	-88.677959	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.957524	16.669411	0.175441
0.001141	0.457826	35.822618	
0.25000	3.002582	34.118249	0.175441
0.001141	0.239279	85.347949	
0.50000	1.928668	72.524597	0.175441
0.001141	0.026816	112.454513	
0.75000	0.946584	114.229521	0.175441
0.001141	0.361689	82.799378	
1.00000	0.503237	150.903830	0.175441
0.001141	0.730927	30.239795	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.456822	-149.482463	-0.299107
-0.000634	-0.773253	-90.569604	
0.25000	-0.936983	-112.457451	-0.299107
-0.000634	-0.413486	-36.168558	
0.50000	-1.925622	-70.688795	-0.299107
-0.000634	-0.069362	-35.103617	
0.75000	-2.998044	-32.477497	-0.299107
-0.000634	-0.226525	-34.306352	
1.00000	-3.942269	-16.506729	-0.299107
-0.000634	-0.426538	-89.474100	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.555708	17.491674	0.137660
0.001272	0.363498	42.636241	
0.25000	3.430449	49.914041	0.137660
0.001272	0.192093	124.048682	
0.50000	2.408605	92.000755	0.137660
0.001272	0.038319	153.451842	
0.75000	1.332479	131.596211	0.137660
0.001272	0.220333	118.979657	
1.00000	0.511656	174.934372	0.137660
0.001272	0.431024	35.804061	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.539857	-173.232407	-0.169232
-0.001202	-0.429809	-117.518303	
0.25000	-1.375474	-130.850414	-0.169232
-0.001202	-0.234541	-45.962680	
0.50000	-2.456865	-91.119102	-0.169232
-0.001202	-0.065310	-43.501736	
0.75000	-3.473841	-49.194675	-0.169232
-0.001202	-0.176693	-43.123080	
1.00000	-4.619986	-17.259168	-0.169232
-0.001202	-0.325170	-114.838679	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.963172	16.669411	0.184678
0.001277	0.482160	35.822618	
0.25000	3.008512	34.118249	0.184678
0.001277	0.251770	85.347949	
0.50000	1.934916	72.524597	0.184678
0.001277	0.026847	112.454513	
0.75000	0.953122	114.229521	0.184678
0.001277	0.385130	82.799378	
1.00000	0.509907	150.903830	0.184678
0.001277	0.776471	30.239795	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.507979	-149.482463	-0.316578
-0.001187	-0.814352	-90.569604	
0.25000	-0.987998	-112.457451	-0.316578
-0.001187	-0.433368	-36.168558	
0.50000	-1.976345	-70.688795	-0.316578
-0.001187	-0.069362	-35.103617	
0.75000	-3.048449	-32.477497	-0.316578
-0.001187	-0.237496	-34.306352	
1.00000	-3.992415	-16.506729	-0.316578
-0.001187	-0.449257	-89.474100	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.555708	17.491674	0.184678
0.001277	0.482160	42.636241	
0.25000	3.430449	49.914041	0.184678
0.001277	0.251770	124.048682	
0.50000	2.408605	92.000755	0.184678
0.001277	0.038319	153.451842	
0.75000	1.332479	131.596211	0.184678
0.001277	0.385130	118.979657	
1.00000	0.511656	174.934372	0.184678
0.001277	0.776471	35.804061	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.539857	-173.232407	-0.316578
-0.001202	-0.814352	-117.518303	
0.25000	-1.375474	-130.850414	-0.316578
-0.001202	-0.433368	-45.962680	
0.50000	-2.456865	-91.119102	-0.316578
-0.001202	-0.069362	-43.501736	
0.75000	-3.473841	-49.194675	-0.316578
-0.001202	-0.237496	-43.123080	
1.00000	-4.619986	-17.259168	-0.316578
-0.001202	-0.449257	-114.838679	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.555708	17.491674	0.184678
0.001277	0.482160	42.636241	
0.25000	3.430449	49.914041	0.184678
0.001277	0.251770	124.048682	
0.50000	2.408605	92.000755	0.184678
0.001277	0.038319	153.451842	
0.75000	1.332479	131.596211	0.184678
0.001277	0.385130	118.979657	
1.00000	0.511656	174.934372	0.184678
0.001277	0.776471	35.804061	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.539857	-173.232407	-0.316578
-0.001202	-0.814352	-117.518303	
0.25000	-1.375474	-130.850414	-0.316578
-0.001202	-0.433368	-45.962680	
0.50000	-2.456865	-91.119102	-0.316578
-0.001202	-0.069362	-43.501736	
0.75000	-3.473841	-49.194675	-0.316578
-0.001202	-0.237496	-43.123080	
1.00000	-4.619986	-17.259168	-0.316578
-0.001202	-0.449257	-114.838679	

ELEM 138 ========== LENGTH = 4.981332

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004445	0.183535	0.073773
0.000132	0.184777	6.297209	
0.25000	0.003614	0.207092	0.073773
0.000132	0.092885	6.399710	
0.50000	0.002870	0.237939	0.073773
0.000132	0.001620	6.580685	
0.75000	0.002084	0.267063	0.073773
0.000132	0.086016	6.810723	
1.00000	0.001484	0.298742	0.073773
0.000132	0.172747	7.070306	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078778	-0.483410	-0.069590
-0.000743	-0.173912	-0.989513	
0.25000	-0.079381	-0.451781	-0.069590
-0.000743	-0.087150	-1.018569	
0.50000	-0.080167	-0.422647	-0.069590
-0.000743	-0.010712	-1.098854	
0.75000	-0.080910	-0.391809	-0.069590
-0.000743	-0.090801	-1.181027	
1.00000	-0.081741	-0.368280	-0.069590
-0.000743	-0.182680	-1.315030	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.344827	15.988372	0.104811
0.000169	0.281118	30.774923	
0.25000	3.235120	47.437886	0.104811
0.000169	0.150611	112.297225	
0.50000	2.242300	88.618953	0.104811
0.000169	0.035070	144.507733	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.193066	127.498415	0.104811
0.000169	0.165411	112.675298	
1.00000	0.391502	169.790743	0.104811
0.000169	0.315382	31.521260	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.496206	-170.054189	-0.120419
-0.000900	-0.308724	-111.799158	
0.25000	-1.301157	-127.829397	-0.120419
-0.000900	-0.166589	-41.894912	
0.50000	-2.351521	-88.935249	-0.120419
-0.000900	-0.055553	-40.382016	
0.75000	-3.342868	-47.767037	-0.120419
-0.000900	-0.139873	-41.388855	
1.00000	-4.452038	-16.356087	-0.120419
-0.000900	-0.253608	-111.588714	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.484100	16.586594	0.133020
0.000683	0.351244	35.779395	
0.25000	3.349954	48.728704	0.133020
0.000683	0.185582	119.062224	
0.50000	2.335270	90.816680	0.133020
0.000683	0.036796	151.986516	
0.75000	1.262929	130.552364	0.133020
0.000683	0.197843	119.605568	
1.00000	0.443713	173.776073	0.133020
0.000683	0.379284	36.953911	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.497762	-174.149327	-0.145655
-0.000937	-0.375324	-114.826867	
0.25000	-1.320440	-130.994641	-0.145655
-0.000937	-0.203103	-43.431129	
0.50000	-2.393935	-91.243947	-0.145655
-0.000937	-0.063613	-41.932888	
0.75000	-3.407115	-49.169109	-0.145655
-0.000937	-0.175719	-43.009872	
1.00000	-4.540711	-17.066412	-0.145655
-0.000937	-0.324238	-114.803679	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.062470	0.181922	0.061383
0.000774	0.152354	6.275310	
0.25000	0.061639	0.205480	0.061383
0.000774	0.075822	6.377834	
0.50000	0.060895	0.236327	0.061383
0.000774	0.001612	6.561852	
0.75000	0.060109	0.265450	0.061383
0.000774	0.070845	6.794126	
1.00000	0.059509	0.297130	0.061383
0.000774	0.140903	7.054398	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005576	-0.483183	-0.056245
-0.000127	-0.139364	-1.011388	
0.25000	-0.006179	-0.451554	-0.056245
-0.000127	-0.069315	-1.037594	
0.50000	-0.006966	-0.422420	-0.056245
-0.000127	-0.010564	-1.115063	
0.75000	-0.007709	-0.391582	-0.056245
-0.000127	-0.076930	-1.194419	
1.00000	-0.008539	-0.368053	-0.056245
-0.000127	-0.153413	-1.325605	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.417491	15.985075	0.089004
0.000944	0.239749	30.742448	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.307785	47.434589	0.089004
0.000944	0.128829	112.264211	
0.50000	2.314965	88.615656	0.089004
0.000944	0.035060	144.477293	
0.75000	1.265730	127.495118	0.089004
0.000944	0.146410	112.649349	
1.00000	0.464167	169.787446	0.089004
0.000944	0.275685	31.497238	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.405728	-170.053105	-0.103811
-0.000163	-0.265692	-111.824594	
0.25000	-1.210680	-127.828314	-0.103811
-0.000163	-0.144264	-41.917048	
0.50000	-2.261043	-88.934166	-0.103811
-0.000163	-0.055632	-40.400852	
0.75000	-3.252391	-47.765954	-0.103811
-0.000163	-0.122240	-41.404391	
1.00000	-4.361561	-16.355003	-0.103811
-0.000163	-0.216277	-111.600950	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.508281	16.585776	0.128397
0.001003	0.339138	35.775135	
0.25000	3.374136	48.727886	0.128397
0.001003	0.179093	119.058458	
0.50000	2.359452	90.815862	0.128397
0.001003	0.036791	151.984613	
0.75000	1.287110	130.551546	0.128397
0.001003	0.191875	119.603421	
1.00000	0.467894	173.775255	0.128397
0.001003	0.366776	36.951188	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.467631	-174.149117	-0.140432
-0.000657	-0.357562	-114.837080	
0.25000	-1.290310	-130.994431	-0.140432
-0.000657	-0.190678	-43.440041	
0.50000	-2.363805	-91.243737	-0.140432
-0.000657	-0.063781	-41.940500	
0.75000	-3.376985	-49.168899	-0.140432
-0.000657	-0.170641	-43.016184	
1.00000	-4.510581	-17.066202	-0.140432
-0.000657	-0.313393	-114.808690	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003272	0.215680	0.101807
0.000128	0.255482	6.938612	
0.25000	0.002807	0.224110	0.101807
0.000128	0.128565	7.155868	
0.50000	0.002281	0.243030	0.101807
0.000128	0.001923	7.416993	
0.75000	0.001798	0.263631	0.101807
0.000128	0.155885	7.697131	
1.00000	0.001570	0.281768	0.101807
0.000128	0.322514	7.988788	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079301	-0.447953	-0.133325
-0.000693	-0.341204	-1.184421	
0.25000	-0.079530	-0.429798	-0.133325
-0.000693	-0.174786	-1.261665	
0.50000	-0.080014	-0.409190	-0.133325
-0.000693	-0.013575	-1.365374	
0.75000	-0.080540	-0.390279	-0.133325
-0.000693	-0.124289	-1.469389	
1.00000	-0.081003	-0.381910	-0.133325
-0.000693	-0.251291	-1.600658	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.842366	15.707410	0.141250
0.000172	0.372830	25.344479	
0.25000	2.900150	32.804651	0.141250
0.000172	0.196862	77.952759	
0.50000	1.833454	71.174464	0.141250
0.000172	0.024503	106.738924	
0.75000	0.854852	112.953382	0.141250
0.000172	0.260381	78.548360	
1.00000	0.391316	149.733789	0.141250
0.000172	0.518363	26.648198	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.471629	-150.051341	-0.209480
-0.000822	-0.542883	-88.646393	
0.25000	-0.937808	-113.234559	-0.209480
-0.000822	-0.292281	-34.183579	
0.50000	-1.917869	-71.440462	-0.209480
-0.000822	-0.058125	-33.528893	
0.75000	-2.984571	-33.089062	-0.209480
-0.000822	-0.186274	-33.502081	
1.00000	-3.924670	-16.116288	-0.209480
-0.000822	-0.348093	-88.583790	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.894901	15.999527	0.178358
0.000617	0.464574	30.191891	
0.25000	2.952406	33.101827	0.178358
0.000617	0.242223	82.782582	
0.50000	1.885395	71.482992	0.178358
0.000617	0.025744	111.634789	
0.75000	0.906504	113.274270	0.178358
0.000617	0.316729	83.733789	
1.00000	0.442830	150.065559	0.178358
0.000617	0.634177	32.131448	

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.466836 -150.474333 -0.257422
-0.000865 -0.667405 -89.455036
0.25000 -0.933153 -113.646658 -0.257422
-0.000865 -0.357795 -35.036257
0.50000 -1.913504 -71.840196 -0.257422
-0.000865 -0.067436 -34.441610
0.75000 -2.980521 -33.477449 -0.257422
-0.000865 -0.233414 -34.475035
1.00000 -3.920899 -16.499654 -0.257422
-0.000865 -0.441650 -89.633171

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.069803 0.209892 0.083664
0.000723 0.207679 6.968726
0.25000 0.069338 0.218322 0.083664
0.000723 0.103375 7.181422
0.50000 0.068812 0.237242 0.083664
0.000723 0.001920 7.436681
0.75000 0.068329 0.257843 0.083664
0.000723 0.116468 7.709921
1.00000 0.068101 0.275980 0.083664
0.000723 0.239535 7.996187

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.007047 -0.442356 -0.098856
-0.000119 -0.253064 -1.222530
0.25000 -0.007277 -0.424202 -0.098856
-0.000119 -0.129951 -1.293571
0.50000 -0.007761 -0.403593 -0.098856
-0.000119 -0.013521 -1.391074
0.75000 -0.008287 -0.384682 -0.098856
-0.000119 -0.104289 -1.488933
1.00000 -0.008750 -0.376313 -0.098856
-0.000119 -0.208700 -1.613990
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.925131 15.699557 0.117702
0.000878 0.310775 25.374735
0.25000 2.982914 32.796798 0.117702
0.000878 0.164280 77.978919
0.50000 1.916219 71.166610 0.117702
0.000878 0.024499 106.759602
0.75000 0.937617 112.945528 0.117702
0.000878 0.211857 78.560910
1.00000 0.474080 149.725935 0.117702
0.000878 0.416826 26.652832

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.385419 -150.044231 -0.167283
-0.000166 -0.434911 -88.691318
0.25000 -0.851598 -113.227449 -0.167283
-0.000166 -0.237489 -34.221336
0.50000 -1.831659 -71.433352 -0.167283
-0.000166 -0.058322 -33.559312
0.75000 -2.898361 -33.081951 -0.167283
-0.000166 -0.159990 -33.525254
1.00000 -3.838460 -16.109178 -0.167283
-0.000166 -0.292440 -88.599613

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.922110 15.997615 0.171360
0.000926 0.445730 30.208619
0.25000 2.979615 33.099915 0.171360
0.000926 0.232374 82.797094
0.50000 1.912603 71.481080 0.171360
0.000926 0.025717 111.646153
0.75000 0.933712 113.272357 0.171360
0.000926 0.299256 83.741891
1.00000 0.470038 150.063647 0.171360
0.000926 0.598658 32.136654

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.434757 -150.472100 -0.242732
-0.000593 -0.628660 -89.471924
0.25000 -0.901075 -113.644425 -0.242732
-0.000593 -0.336842 -35.050546
0.50000 -1.881426 -71.837963 -0.242732
-0.000593 -0.067461 -34.453115
0.75000 -2.948443 -33.475216 -0.242732
-0.000593 -0.225429 -34.483847
1.00000 -3.888820 -16.497420 -0.242732
-0.000593 -0.424704 -89.639095

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.508281 16.586594 0.133020
0.001003 0.351244 35.779395
0.25000 3.374136 48.728704 0.133020
0.001003 0.185582 119.062224
0.50000 2.359452 90.816680 0.133020
0.001003 0.036796 151.986516
0.75000 1.287110 130.552364 0.133020
0.001003 0.197843 119.605568
1.00000 0.467894 173.776073 0.133020
0.001003 0.379284 36.953911

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.497762 -174.149327 -0.145655
-0.000937 -0.375324 -114.837080
0.25000 -1.320440 -130.994641 -0.145655
-0.000937 -0.203103 -43.440041
0.50000 -2.393935 -91.243947 -0.145655
-0.000937 -0.063781 -41.940500
0.75000 -3.407115 -49.169109 -0.145655
-0.000937 -0.175719 -43.016184
1.00000 -4.540711 -17.066412 -0.145655
-0.000937 -0.324238 -114.808690
Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S703.OUT

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.925131 15.999527 0.178358
0.000926 0.464574 30.208619
0.25000 2.982914 33.101827 0.178358
0.000926 0.242223 82.797094
0.50000 1.916219 71.482992 0.178358
0.000926 0.025744 111.646153
0.75000 0.937617 113.274270 0.178358
0.000926 0.316729 83.741891
1.00000 0.474080 150.065559 0.178358
0.000926 0.634177 32.136654

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.471629 -150.474333 -0.257422
-0.000865 -0.667405 -89.471924
0.25000 -0.937808 -113.646658 -0.257422
-0.000865 -0.357795 -35.050546
0.50000 -1.917869 -71.840196 -0.257422
-0.000865 -0.067461 -34.453115
0.75000 -2.984571 -33.477449 -0.257422
-0.000865 -0.233414 -34.483847
1.00000 -3.924670 -16.499654 -0.257422
-0.000865 -0.441650 -89.639095

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.508281 16.586594 0.178358
0.001003 0.464574 35.779395
0.25000 3.374136 48.728704 0.178358
0.001003 0.242223 119.062224
0.50000 2.359452 90.816680 0.178358
0.001003 0.036796 151.986516
0.75000 1.287110 130.552364 0.178358
0.001003 0.316729 119.605568
1.00000 0.474080 173.776073 0.178358
0.001003 0.634177 36.953911

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.497762 -174.149327 -0.257422
-0.000937 -0.667405 -114.837080
0.25000 -1.320440 -130.994641 -0.257422
-0.000937 -0.357795 -43.440041
0.50000 -2.393935 -91.243947 -0.257422
-0.000937 -0.067461 -41.940500
0.75000 -3.407115 -49.169109 -0.257422
-0.000937 -0.233414 -43.016184
1.00000 -4.540711 -17.066412 -0.257422
-0.000937 -0.441650 -114.808690

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.508281 16.586594 0.178358
0.001003 0.464574 35.779395
0.25000 3.374136 48.728704 0.178358
0.001003 0.242223 119.062224
0.50000 2.359452 90.816680 0.178358
0.001003 0.036796 151.986516
0.75000 1.287110 130.552364 0.178358
0.001003 0.316729 119.605568
1.00000 0.474080 173.776073 0.178358
0.001003 0.634177 36.953911

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.497762 -174.149327 -0.257422
-0.000937 -0.667405 -114.837080
0.25000 -1.320440 -130.994641 -0.257422
-0.000937 -0.357795 -43.440041
0.50000 -2.393935 -91.243947 -0.257422
-0.000937 -0.067461 -41.940500
0.75000 -3.407115 -49.169109 -0.257422
-0.000937 -0.233414 -43.016184
1.00000 -4.540711 -17.066412 -0.257422
-0.000937 -0.441650 -114.808690
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FRAME ELEMENT INTERNAL FORCES

ELEM 139 ========== LENGTH = 4.980649

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.004247 0.285375 0.070871
0.000354 0.177823 7.063898
0.25000 0.003408 0.308918 0.070871
0.000354 0.089494 7.011031
0.50000 0.002659 0.339763 0.070871
0.000354 0.002121 7.002230
0.75000 0.001867 0.368889 0.070871
0.000354 0.084212 7.072497
1.00000 0.001262 0.400558 0.070871
0.000354 0.169230 7.178508

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.068219 -0.408720 -0.068212
-0.000518 -0.170500 -1.303138
0.25000 -0.068826 -0.377062 -0.068212
-0.000518 -0.085506 -1.332631
0.50000 -0.069618 -0.347931 -0.068212
-0.000518 -0.011305 -1.413875
0.75000 -0.070367 -0.317088 -0.068212
-0.000518 -0.086920 -1.496785
1.00000 -0.071205 -0.293552 -0.068212
-0.000518 -0.175167 -1.631458

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.378525 16.146968 0.104109
0.000445 0.277866 31.554931
0.25000 3.259001 47.576208 0.104109
0.000445 0.148219 112.855437
0.50000 2.258998 88.754521 0.104109
0.000445 0.035042 145.081640
0.75000 1.201891 127.638237 0.104109
0.000445 0.151317 113.036215
1.00000 0.393546 169.915833 0.104109
0.000445 0.287489 31.650373

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.488917 -169.909196 -0.109288
-0.000632 -0.283626 -111.530497
0.25000 -1.299228 -127.645900 -0.109288
-0.000632 -0.153661 -41.412653
0.50000 -2.356990 -88.756228 -0.109288
-0.000632 -0.056732 -40.383278
0.75000 -3.356005 -47.580697 -0.109288
-0.000632 -0.142038 -41.576559
1.00000 -4.474747 -16.159804 -0.109288
-0.000632 -0.261348 -111.873854

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.504740 16.811972 0.133745
0.000812 0.351338 36.990772
0.25000 3.360561 48.933362 0.133745
0.000812 0.184732 119.945598
0.50000 2.338536 91.018523 0.133745
0.000812 0.037070 152.825129
0.75000 1.258148 130.758555 0.133745
0.000812 0.186101 120.162964
1.00000 0.432001 173.967208 0.133745
0.000812 0.355896 37.141885

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.491184 -173.961461 -0.136246
-0.000886 -0.350079 -114.747724
0.25000 -1.319340 -130.767423 -0.136246
-0.000886 -0.186619 -43.133622
0.50000 -2.400397 -91.021304 -0.136246
-0.000886 -0.065224 -42.129489
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.75000 -3.421412 -48.938986 -0.136246
-0.000886 -0.179865 -43.396960
1.00000 -4.564792 -16.826127 -0.136246
-0.000886 -0.335909 -115.290286

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.039829 0.285477 0.062903
0.000528 0.155957 7.046176
0.25000 0.038990 0.309020 0.062903
0.000528 0.077579 6.990792
0.50000 0.038241 0.339865 0.062903
0.000528 0.002115 6.978572
0.75000 0.037449 0.368991 0.062903
0.000528 0.073754 7.047258
1.00000 0.036844 0.400660 0.062903
0.000528 0.146396 7.150379

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.003871 -0.405286 -0.058334
-0.000358 -0.144166 -1.329539
0.25000 -0.004478 -0.373628 -0.058334
-0.000358 -0.071542 -1.356069
0.50000 -0.005270 -0.344497 -0.058334
-0.000358 -0.011179 -1.434366
0.75000 -0.006018 -0.313654 -0.058334
-0.000358 -0.078996 -1.514328
1.00000 -0.006856 -0.290117 -0.058334
-0.000358 -0.157342 -1.646053

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.424061 16.146282 0.093882
0.000644 0.249815 31.528813
0.25000 3.304537 47.575522 0.093882
0.000644 0.132839 112.825381
0.50000 2.304535 88.753835 0.093882
0.000644 0.035034 145.046291
0.75000 1.247427 127.637551 0.093882
0.000644 0.138319 113.000244
1.00000 0.439082 169.915147 0.093882
0.000644 0.259095 31.610815

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.408432 -169.903702 -0.097010
-0.000450 -0.250866 -111.561213
0.25000 -1.218743 -127.640406 -0.097010
-0.000450 -0.136201 -41.439912
0.50000 -2.276506 -88.750734 -0.097010
-0.000450 -0.056891 -40.407082
0.75000 -3.275521 -47.575203 -0.097010
-0.000450 -0.131764 -41.596907
1.00000 -4.394263 -16.154310 -0.097010
-0.000450 -0.238406 -111.890745

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.518431 16.812003 0.130922
0.000896 0.343539 36.987186
0.25000 3.374252 48.933393 0.130922
0.000896 0.180447 119.942046
0.50000 2.352227 91.018554 0.130922
0.000896 0.037064 152.820676
0.75000 1.271839 130.758586 0.130922
0.000896 0.181908 120.158462
1.00000 0.445692 173.967239 0.130922
0.000896 0.346580 37.134538

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.465123 -173.960038 -0.132248
-0.000809 -0.339492 -114.760070
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.25000 -1.293279 -130.766000 -0.132248
-0.000809 -0.181064 -43.144610
0.50000 -2.374336 -91.019881 -0.132248
-0.000809 -0.065534 -42.139119
0.75000 -3.395352 -48.937563 -0.132248
-0.000809 -0.177094 -43.405232
1.00000 -4.538731 -16.824704 -0.132248
-0.000809 -0.329621 -115.297199

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.002993 0.305736 0.097688
0.000290 0.243822 7.962631
0.25000 0.002526 0.314158 0.097688
0.000290 0.122318 8.006372
0.50000 0.001996 0.333076 0.097688
0.000290 0.002596 8.064690
0.75000 0.001510 0.353679 0.097688
0.000290 0.130449 8.157846
1.00000 0.001278 0.371819 0.097688
0.000290 0.268961 8.265774

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.076324 -0.359821 -0.111171
-0.000441 -0.285002 -1.579822
0.25000 -0.076556 -0.341676 -0.111171
-0.000441 -0.146311 -1.657651
0.50000 -0.077043 -0.321069 -0.111171
-0.000441 -0.014755 -1.762676
0.75000 -0.077573 -0.302155 -0.111171
-0.000441 -0.122156 -1.867733
1.00000 -0.078040 -0.293748 -0.111171
-0.000441 -0.243464 -1.999833

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.871026 15.867679 0.138880
0.000363 0.363573 26.626935
0.25000 2.922247 32.945922 0.138880
0.000363 0.190823 79.200306
0.50000 1.847840 71.313085 0.138880
0.000363 0.024754 107.686264
0.75000 0.861841 113.096257 0.138880
0.000363 0.211169 79.332875
1.00000 0.392101 149.882989 0.138880
0.000363 0.418371 26.973784

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.476996 -149.847139 -0.167429
-0.000528 -0.438180 -88.516184
0.25000 -0.947176 -113.049031 -0.167429
-0.000528 -0.239665 -33.772516
0.50000 -1.934235 -71.258681 -0.167429
-0.000528 -0.060258 -33.730696
0.75000 -3.008937 -32.901150 -0.167429
-0.000528 -0.189660 -34.002263
1.00000 -3.956755 -15.850495 -0.167429
-0.000528 -0.350758 -89.118202

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.907488 16.213200 0.179298
0.000658 0.462217 32.123982
0.25000 2.958428 33.296495 0.179298
0.000658 0.239144 84.576433
0.50000 1.883704 71.675010 0.179298
0.000658 0.026405 112.986342
0.75000 0.897412 113.470544 0.179298
0.000658 0.258787 84.797988
1.00000 0.427533 150.268159 0.179298
0.000658 0.515486 32.629639
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.470493 -150.218959 -0.207382
-0.000719 -0.540725 -89.573119
0.25000 -0.940813 -113.409963 -0.207382
-0.000719 -0.292693 -34.876473
0.50000 -1.928163 -71.607250 -0.207382
-0.000719 -0.069692 -34.897914
0.75000 -3.003183 -33.238370 -0.207382
-0.000719 -0.242260 -35.232860
1.00000 -3.951282 -16.182671 -0.207382
-0.000719 -0.453745 -90.428401

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.044529 0.301559 0.085290
0.000451 0.211342 8.000642
0.25000 0.044061 0.309980 0.085290
0.000451 0.104921 8.035199
0.50000 0.043531 0.328899 0.085290
0.000451 0.002596 8.083876
0.75000 0.043045 0.349502 0.085290
0.000451 0.097359 8.166681
1.00000 0.042814 0.367641 0.085290
0.000451 0.199659 8.262636

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.004649 -0.351249 -0.082818
-0.000294 -0.213154 -1.625023
0.25000 -0.004881 -0.333104 -0.082818
-0.000294 -0.110043 -1.696612
0.50000 -0.005368 -0.312497 -0.082818
-0.000294 -0.014628 -1.795218
0.75000 -0.005898 -0.293583 -0.082818
-0.000294 -0.107471 -1.894007
1.00000 -0.006365 -0.285175 -0.082818
-0.000294 -0.213216 -2.019838

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.923712 15.862155 0.122411
0.000539 0.319708 26.668113
0.25000 2.974933 32.940398 0.122411
0.000539 0.167537 79.232172
0.50000 1.900526 71.307561 0.122411
0.000539 0.024755 107.706836
0.75000 0.914527 113.090733 0.122411
0.000539 0.172408 79.339351
1.00000 0.444787 149.877465 0.122411
0.000539 0.335377 26.966672

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-0.390264	-149.836128	-0.132675
-0.000367	-0.349333	-88.569509	
0.25000	-0.860444	-113.038020	-0.132675
-0.000367	-0.194612	-33.818461	
0.50000	-1.847502	-71.247671	-0.132675
-0.000367	-0.060620	-33.769163	
0.75000	-2.922204	-32.890139	-0.132675
-0.000367	-0.171844	-34.033323	
1.00000	-3.870022	-15.839485	-0.132675
-0.000367	-0.312461	-89.141818	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.923648	16.211899	0.173721
0.000714	0.448008	32.142748	
0.25000	2.974589	33.295194	0.173721
0.000714	0.231960	84.592083	
0.50000	1.899864	71.673709	0.173721
0.000714	0.026373	112.996975	
0.75000	0.913573	113.469243	0.173721
0.000714	0.243622	84.803815	
1.00000	0.443694	150.266858	0.173721
0.000714	0.483314	32.631108	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.439184	-150.215902	-0.194280
-0.000648	-0.508066	-89.593356	
0.25000	-0.909504	-113.406907	-0.194280
-0.000648	-0.276317	-34.894051	
0.50000	-1.896854	-71.604193	-0.194280
-0.000648	-0.070643	-34.912500	
0.75000	-2.971874	-33.235314	-0.194280
-0.000648	-0.235397	-35.244611	
1.00000	-3.919972	-16.179614	-0.194280
-0.000648	-0.439806	-90.437343	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.518431	16.812003	0.133745
0.000896	0.351338	36.990772	
0.25000	3.374252	48.933393	0.133745
0.000896	0.184732	119.945598	
0.50000	2.352227	91.018554	0.133745
0.000896	0.037070	152.825129	
0.75000	1.271839	130.758586	0.133745
0.000896	0.186101	120.162964	
1.00000	0.445692	173.967239	0.133745
0.000896	0.355896	37.141885	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491184	-173.961461	-0.136246
-0.000886	-0.350079	-114.760070	
0.25000	-1.319340	-130.767423	-0.136246
-0.000886	-0.186619	-43.144610	
0.50000	-2.400397	-91.021304	-0.136246
-0.000886	-0.065534	-42.139119	
0.75000	-3.421412	-48.938986	-0.136246
-0.000886	-0.179865	-43.405232	
1.00000	-4.564792	-16.826127	-0.136246
-0.000886	-0.335909	-115.297199	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.923712	16.213200	0.179298
0.000714	0.462217	32.142748	
0.25000	2.974933	33.296495	0.179298
0.000714	0.239144	84.592083	
0.50000	1.900526	71.675010	0.179298
0.000714	0.026405	112.996975	
0.75000	0.914527	113.470544	0.179298
0.000714	0.258787	84.803815	
1.00000	0.444787	150.268159	0.179298
0.000714	0.515486	32.631108	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.476996	-150.218959	-0.207382
-0.000719	-0.540725	-89.593356	
0.25000	-0.947176	-113.409963	-0.207382
-0.000719	-0.292693	-34.894051	
0.50000	-1.934235	-71.607250	-0.207382
-0.000719	-0.070643	-34.912500	
0.75000	-3.008937	-33.238370	-0.207382
-0.000719	-0.242260	-35.244611	
1.00000	-3.956755	-16.182671	-0.207382
-0.000719	-0.453745	-90.437343	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.518431	16.812003	0.179298
0.000896	0.462217	36.990772	
0.25000	3.374252	48.933393	0.179298
0.000896	0.239144	119.945598	
0.50000	2.352227	91.018554	0.179298
0.000896	0.037070	152.825129	
0.75000	1.271839	130.758586	0.179298
0.000896	0.258787	120.162964	
1.00000	0.445692	173.967239	0.179298
0.000896	0.515486	37.141885	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491184	-173.961461	-0.207382
-0.000886	-0.540725	-114.760070	
0.25000	-1.319340	-130.767423	-0.207382
-0.000886	-0.292693	-43.144610	
0.50000	-2.400397	-91.021304	-0.207382
-0.000886	-0.070643	-42.139119	
0.75000	-3.421412	-48.938986	-0.207382
-0.000886	-0.242260	-43.405232	
1.00000	-4.564792	-16.826127	-0.207382
-0.000886	-0.453745	-115.297199	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.518431	16.812003	0.179298
0.000896	0.462217	36.990772	
0.25000	3.374252	48.933393	0.179298
0.000896	0.239144	119.945598	
0.50000	2.352227	91.018554	0.179298
0.000896	0.037070	152.825129	
0.75000	1.271839	130.758586	0.179298
0.000896	0.258787	120.162964	
1.00000	0.445692	173.967239	0.179298
0.000896	0.515486	37.141885	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491184	-173.961461	-0.207382
-0.000886	-0.540725	-114.760070	
0.25000	-1.319340	-130.767423	-0.207382
-0.000886	-0.292693	-43.144610	
0.50000	-2.400397	-91.021304	-0.207382
-0.000886	-0.070643	-42.139119	
0.75000	-3.421412	-48.938986	-0.207382
-0.000886	-0.242260	-43.405232	
1.00000	-4.564792	-16.826127	-0.207382
-0.000886	-0.453745	-115.297199	

ELEM 140 ========== LENGTH = 4.980010

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003818	0.357897	0.067385
0.000567	0.169337	7.176787	
0.25000	0.002987	0.381435	0.067385
0.000567	0.085396	6.987517	
0.50000	0.002243	0.412277	0.067385
0.000567	0.002576	6.835099	
0.75000	0.001457	0.441405	0.067385
0.000567	0.082052	6.767957	
1.00000	0.000856	0.473060	0.067385
0.000567	0.165075	6.744748	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063968	-0.342531	-0.066607
-0.000347	-0.166619	-1.620947	
0.25000	-0.064570	-0.310877	-0.066607
-0.000347	-0.083609	-1.647547	
0.50000	-0.065356	-0.281752	-0.066607
-0.000347	-0.010986	-1.725879	
0.75000	-0.066100	-0.250909	-0.066607
-0.000347	-0.082351	-1.805878	
1.00000	-0.066931	-0.227370	-0.066607
-0.000347	-0.166239	-1.937631	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.343355	16.283867	0.106314
0.000699	0.283067	31.687690	
0.25000	3.233640	47.707252	0.106314
0.000699	0.150707	112.913520	
0.50000	2.241076	88.880964	0.106314
0.000699	0.035760	144.787047	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	1.191194	127.767596	0.106314
0.000699	0.138732	112.393942	
1.00000	0.388508	170.026161	0.106314
0.000699	0.261917	31.010234	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.481778	-169.780993	-0.098859
-0.000437	-0.255045	-111.817482	
0.25000	-1.285723	-127.522975	-0.098859
-0.000437	-0.139479	-41.803548	
0.50000	-2.336025	-88.640363	-0.098859
-0.000437	-0.056150	-40.851131	
0.75000	-3.328028	-47.465866	-0.098859
-0.000437	-0.146789	-42.126006	
1.00000	-4.437591	-16.040126	-0.098859
-0.000437	-0.272614	-112.491787	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.461126	16.992528	0.137867
0.000884	0.361115	37.185188	
0.25000	3.326972	49.107934	0.137867
0.000884	0.189486	119.992242	
0.50000	2.312550	91.188394	0.137867
0.000884	0.038086	152.432064	
0.75000	1.239547	130.931405	0.137867
0.000884	0.176670	119.335788	
1.00000	0.419184	174.120609	0.137867
0.000884	0.336230	36.253473	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483835	-173.790431	-0.128095
-0.000809	-0.326861	-115.236912	
0.25000	-1.305485	-130.601788	-0.128095
-0.000809	-0.175014	-43.727613	
0.50000	-2.378917	-90.862885	-0.128095
-0.000809	-0.064485	-42.800738	
0.75000	-3.392767	-48.781623	-0.128095
-0.000809	-0.187278	-44.150204	
1.00000	-4.526766	-16.663810	-0.128095
-0.000809	-0.352234	-116.112130	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026832	0.356378	0.064818
0.000333	0.160543	7.147335	
0.25000	0.026001	0.379916	0.064818
0.000333	0.079806	6.958278	
0.50000	0.025257	0.410758	0.064818
0.000333	0.002582	6.804867	
0.75000	0.024471	0.439887	0.064818
0.000333	0.077475	6.738789	
1.00000	0.023870	0.471541	0.064818
0.000333	0.153558	6.715681	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002261	-0.341112	-0.061099
-0.000586	-0.150768	-1.651266	
0.25000	-0.002863	-0.309458	-0.061099
-0.000586	-0.074705	-1.674915	
0.50000	-0.003650	-0.280332	-0.061099
-0.000586	-0.010928	-1.750294	
0.75000	-0.004393	-0.249490	-0.061099
-0.000586	-0.081513	-1.827343	
1.00000	-0.005224	-0.225950	-0.061099
-0.000586	-0.162273	-1.956144	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.373505	16.280706	0.102889
0.000434	0.271481	31.646633	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.263789	47.704091	0.102889
0.000434	0.143265	112.872889	
0.50000	2.271226	88.877804	0.102889
0.000434	0.035787	144.744071	
0.75000	1.221344	127.764436	0.102889
0.000434	0.133344	112.353486	
1.00000	0.418658	170.023001	0.102889
0.000434	0.248144	30.970956	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.403599	-169.778466	-0.092215
-0.000722	-0.235732	-111.852750	
0.25000	-1.207544	-127.520448	-0.092215
-0.000722	-0.128524	-41.835357	
0.50000	-2.257846	-88.637836	-0.092215
-0.000722	-0.056277	-40.879481	
0.75000	-3.249849	-47.463339	-0.092215
-0.000722	-0.145467	-42.150897	
1.00000	-4.359413	-16.037598	-0.092215
-0.000722	-0.267157	-112.513220	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.468740	16.992007	0.137062
0.000794	0.358234	37.177187	
0.25000	3.334586	49.107413	0.137062
0.000794	0.187480	119.985838	
0.50000	2.320163	91.187872	0.137062
0.000794	0.038108	152.424588	
0.75000	1.247160	130.930884	0.137062
0.000794	0.174689	119.328223	
1.00000	0.426798	174.120087	0.137062
0.000794	0.331274	36.244538	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.458194	-173.789652	-0.125763
-0.000950	-0.320228	-115.251120	
0.25000	-1.279845	-130.601008	-0.125763
-0.000950	-0.171401	-43.740461	
0.50000	-2.353277	-90.862105	-0.125763
-0.000950	-0.064611	-42.812224	
0.75000	-3.367126	-48.780844	-0.125763
-0.000950	-0.187072	-44.160329	
1.00000	-4.501125	-16.663031	-0.125763
-0.000950	-0.351153	-116.120893	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002551	0.383055	0.099773
0.000484	0.246603	8.246696	
0.25000	0.002086	0.391473	0.099773
0.000484	0.122743	8.123646	
0.50000	0.001560	0.410388	0.099773
0.000484	0.003158	8.016187	
0.75000	0.001078	0.430993	0.099773
0.000484	0.114465	7.945285	
1.00000	0.000848	0.449130	0.099773
0.000484	0.233770	7.891098	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079048	-0.288350	-0.095779
-0.000283	-0.243319	-1.980827	
0.25000	-0.079278	-0.270209	-0.095779
-0.000283	-0.124013	-2.054979	
0.50000	-0.079761	-0.249604	-0.095779
-0.000283	-0.014591	-2.156129	
0.75000	-0.080287	-0.230692	-0.095779
-0.000283	-0.127093	-2.257411	
1.00000	-0.080752	-0.222276	-0.095779
-0.000283	-0.250960	-2.385720	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.842214	16.001783	0.147559
0.000594	0.379604	26.962502	
0.25000	2.900833	33.074852	0.147559
0.000594	0.197483	79.320320	
0.50000	1.834077	71.434076	0.147559
0.000594	0.025844	107.568502	
0.75000	0.855024	113.220426	0.147559
0.000594	0.178887	79.027949	
1.00000	0.389430	150.001812	0.147559
0.000594	0.348016	26.454749	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.482869	-149.707243	-0.135997
-0.000354	-0.352225	-89.052379	
0.25000	-0.948567	-112.916505	-0.135997
-0.000354	-0.193938	-34.385219	
0.50000	-1.928596	-71.131493	-0.135997
-0.000354	-0.059983	-34.467009	
0.75000	-2.995780	-32.776189	-0.135997
-0.000354	-0.206591	-34.869368	
1.00000	-3.936850	-15.709915	-0.135997
-0.000354	-0.379802	-90.032924	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.867720	16.391575	0.196435
0.000762	0.496297	32.636081	
0.25000	2.926061	33.469695	0.196435
0.000762	0.253529	84.781128	
0.50000	1.858989	71.840269	0.196435
0.000762	0.027858	112.842089	
0.75000	0.879646	113.638982	0.196435
0.000762	0.226242	84.357678	
1.00000	0.413915	150.431249	0.196435
0.000762	0.441249	31.886563	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474776	-150.034560	-0.173089
-0.000665	-0.444445	-90.371246	
0.25000	-0.940612	-113.232938	-0.173089
-0.000665	-0.240470	-35.748565	
0.50000	-1.920931	-71.435563	-0.173089
-0.000665	-0.069224	-35.891106	
0.75000	-2.988431	-33.068911	-0.173089
-0.000665	-0.272504	-36.354299	
1.00000	-3.929779	-15.997588	-0.173089
-0.000665	-0.506608	-91.594891	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026704	0.377768	0.095154
0.000273	0.230307	8.274265	
0.25000	0.026240	0.386186	0.095154
0.000273	0.111827	8.145460	
0.50000	0.025714	0.405101	0.095154
0.000273	0.003175	8.030688	
0.75000	0.025231	0.425706	0.095154
0.000273	0.093885	7.951629	
1.00000	0.025001	0.443843	0.095154
0.000273	0.186628	7.887821	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002351	-0.281386	-0.074881
-0.000501	-0.187229	-2.032396	
0.25000	-0.002581	-0.263244	-0.074881
-0.000501	-0.094499	-2.100248	
0.50000	-0.003064	-0.242640	-0.074881
-0.000501	-0.014648	-2.195053	
0.75000	-0.003590	-0.223727	-0.074881
-0.000501	-0.125509	-2.290065	
1.00000	-0.004054	-0.215312	-0.074881
-0.000501	-0.244016	-2.412037	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.874142	15.994647	0.142323
0.000352	0.360117	26.991802	
0.25000	2.932761	33.067715	0.142323
0.000352	0.183950	79.342103	
0.50000	1.866006	71.426940	0.142323
0.000352	0.026021	107.583700	
0.75000	0.886952	113.213290	0.142323
0.000352	0.156291	79.032388	
1.00000	0.421358	149.994676	0.142323
0.000352	0.294797	26.448588	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.389710	-149.698434	-0.112038
-0.000614	-0.287462	-89.113495	
0.25000	-0.855407	-112.907696	-0.112038
-0.000614	-0.159322	-34.438701	
0.50000	-1.835437	-71.122683	-0.112038
-0.000614	-0.060123	-34.513056	
0.75000	-2.902621	-32.767379	-0.112038
-0.000614	-0.204982	-34.907902	
1.00000	-3.843691	-15.701106	-0.112038
-0.000614	-0.372441	-90.064012	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.875665	16.390003	0.193954
0.000653	0.488233	32.651304	
0.25000	2.934005	33.468123	0.193954
0.000653	0.247678	84.792676	
0.50000	1.866934	71.838696	0.193954
0.000653	0.028004	112.850490	
0.75000	0.887591	113.637409	0.193954
0.000653	0.215902	84.362302	
1.00000	0.421859	150.429677	0.193954
0.000653	0.417675	31.887184	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.440968	-150.031988	-0.162840
-0.000770	-0.417607	-90.394669	
0.25000	-0.906804	-113.230365	-0.162840
-0.000770	-0.226690	-35.768876	
0.50000	-1.887123	-71.432990	-0.162840
-0.000770	-0.069317	-35.908669	
0.75000	-2.954623	-33.066339	-0.162840
-0.000770	-0.271056	-36.368935	
1.00000	-3.895971	-15.995016	-0.162840
-0.000770	-0.502107	-91.606659	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.468740	16.992528	0.137867
0.000884	0.361115	37.185188	
0.25000	3.334586	49.107934	0.137867
0.000884	0.189486	119.992242	
0.50000	2.320163	91.188394	0.137867
0.000884	0.038108	152.432064	
0.75000	1.247160	130.931405	0.137867
0.000884	0.176670	119.335788	
1.00000	0.426798	174.120609	0.137867
0.000884	0.336230	36.253473	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	

```
 0.00000    -0.483835  -173.790431    -0.128095
-0.000950   -0.326861  -115.251120
 0.25000    -1.305485  -130.601788    -0.128095
-0.000950   -0.175014   -43.740461
 0.50000    -2.378917   -90.862885    -0.128095
-0.000950   -0.064611   -42.812224
 0.75000    -3.392767   -48.781623    -0.128095
-0.000950   -0.187278   -44.160329
 1.00000    -4.526766   -16.663810    -0.128095
-0.000950   -0.352234  -116.120893
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F O R C E S

 COMB       DL  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.875665      16.391575       0.196435
0.000762     0.496297      32.651304
 0.25000     2.934005      33.469695       0.196435
0.000762     0.253529      84.792676
 0.50000     1.866934      71.840269       0.196435
0.000762     0.028004     112.850490
 0.75000     0.887591     113.638982       0.196435
0.000762     0.226242      84.362302
 1.00000     0.421859     150.431249       0.196435
0.000762     0.441249      31.887184

 COMB       DL  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.482869    -150.034560      -0.173089
-0.000770   -0.444445     -90.394669
 0.25000    -0.948567    -113.232938      -0.173089
-0.000770   -0.240470     -35.768876
 0.50000    -1.928596     -71.435563      -0.173089
-0.000770   -0.069317     -35.908669
 0.75000    -2.995780     -33.068911      -0.173089
-0.000770   -0.272504     -36.368935
 1.00000    -3.936850     -15.997588      -0.173089
-0.000770   -0.506608     -91.606659

 COMB       CAR  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.468740      16.992528       0.196435
0.000884     0.496297      37.185188
 0.25000     3.334586      49.107934       0.196435
0.000884     0.253529     119.992242
 0.50000     2.320163      91.188394       0.196435
0.000884     0.038108     152.432064
 0.75000     1.247160     130.931405       0.196435
0.000884     0.226242     119.335788
 1.00000     0.426798     174.120609       0.196435
0.000884     0.441249      36.253473

 COMB       CAR  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.483835    -173.790431      -0.173089
-0.000950   -0.444445    -115.251120
 0.25000    -1.305485    -130.601788      -0.173089
-0.000950   -0.240470     -43.740461
 0.50000    -2.378917     -90.862885      -0.173089
-0.000950   -0.069317     -42.812224
 0.75000    -3.392767     -48.781623      -0.173089
-0.000950   -0.272504     -44.160329
 1.00000    -4.526766     -16.663810      -0.173089
-0.000950   -0.506608    -116.120893

 COMB   DESIGN  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.468740      16.992528       0.196435
0.000884     0.496297      37.185188
 0.25000     3.334586      49.107934       0.196435
0.000884     0.253529     119.992242
 0.50000     2.320163      91.188394       0.196435
0.000884     0.038108     152.432064
 0.75000     1.247160     130.931405       0.196435
0.000884     0.226242     119.335788
 1.00000     0.426798     174.120609       0.196435
0.000884     0.441249      36.253473

 COMB   DESIGN  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.483835    -173.790431      -0.173089
-0.000950   -0.444445    -115.251120
 0.25000    -1.305485    -130.601788      -0.173089
-0.000950   -0.240470     -43.740461
 0.50000    -2.378917     -90.862885      -0.173089
-0.000950   -0.069317     -42.812224
 0.75000    -3.392767     -48.781623      -0.173089
-0.000950   -0.272504     -44.160329
 1.00000    -4.526766     -16.663810      -0.173089
-0.000950   -0.506608    -116.120893
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4.981438

 COMB DB-G1-1  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     0.004196      0.278833       0.063066
0.000754     0.159025      6.748435
 0.25000     0.003356      0.302361       0.063066
0.000754     0.080483      6.659872
 0.50000     0.002608      0.333195       0.063066
0.000754     0.003354      6.628034
 0.75000     0.001816      0.362323       0.063066
0.000754     0.079270      6.683640
 1.00000     0.001211      0.393997       0.063066
0.000754     0.159626      6.821677

 COMB DB-G1-1  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.061542     -0.465950      -0.064489
-0.000143   -0.161626     -1.928756
 0.25000    -0.062148     -0.434241      -0.064489
-0.000143   -0.081246     -2.058203
 0.50000    -0.062940     -0.405123      -0.064489
-0.000143   -0.010773     -2.239378
 0.75000    -0.063688     -0.374286      -0.064489
-0.000143   -0.076705     -2.422203
 1.00000    -0.064527     -0.350750      -0.064489
-0.000143   -0.155246     -2.656753

 COMB DB-G1-2  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.379199      16.077354       0.109617
0.000938     0.291527      31.014299
 0.25000     3.258467      47.487966       0.109617
0.000938     0.155079     112.416466
 0.50000     2.259431      88.651403       0.109617
0.000938     0.036919     144.537280
 0.75000     1.202752     127.536012       0.109617
0.000938     0.128344     112.157201
 1.00000     0.394268     169.821238       0.109617
0.000938     0.240824      31.269517

 COMB DB-G1-2  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.480213    -170.089915      -0.090252
-0.000182   -0.228386    -112.478154
 0.25000    -1.289367    -127.758960      -0.090252
-0.000182   -0.126854     -42.529604
 0.50000    -2.346269     -88.886200      -0.090252
-0.000182   -0.055960     -41.636853
 0.75000    -3.345112     -47.719149      -0.090252
-0.000182   -0.150819     -42.948535
 1.00000    -4.465035     -16.297696      -0.090252
-0.000182   -0.281098    -113.312733

 COMB DB-G1-3  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.499601      16.729711       0.143558
0.000979     0.375309      36.260209
 0.25000     3.354187      48.832062       0.143558
0.000979     0.196592     119.267461
 0.50000     2.333150      90.902020       0.143558
0.000979     0.039756     152.056510
 0.75000     1.253200     130.642964       0.143558
0.000979     0.170728     119.089076
 1.00000     0.426911     173.859415       0.143558
0.000979     0.323579      36.600488

 COMB DB-G1-3  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.489779    -174.195292      -0.122671
-0.000711   -0.307544    -116.103666
 0.25000    -1.316752    -130.932105      -0.122671
-0.000711   -0.165886     -44.725106
 0.50000    -2.396930     -91.203270      -0.122671
-0.000711   -0.064091     -43.923125
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 REL DIST              P              V2              V3
    T          M2             M3
 0.75000    -3.417770     -49.129619      -0.122671
-0.000711   -0.194541     -45.374124
 1.00000    -4.562356     -17.016188      -0.122671
-0.000711   -0.366959    -117.398346

 COMB DB-G2-1  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     0.027799      0.279942       0.067221
0.000137     0.166289      6.719262
 0.25000     0.026959      0.303470       0.067221
0.000137     0.082495      6.628491
 0.50000     0.026211      0.334304       0.067221
0.000137     0.003381      6.592753
 0.75000     0.025419      0.363431       0.067221
0.000137     0.082507      6.646909
 1.00000     0.024814      0.395106       0.067221
0.000137     0.163050      6.783345

 COMB DB-G2-1  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.013007     -0.463234      -0.064694
-0.000790   -0.159294     -1.963014
 0.25000    -0.013613     -0.431525      -0.064694
-0.000790   -0.078719     -2.090659
 0.50000    -0.014404     -0.402407      -0.064694
-0.000790   -0.010800     -2.270030
 0.75000    -0.015153     -0.371570      -0.064694
-0.000790   -0.084833     -2.451052
 1.00000    -0.015991     -0.348034      -0.064694
-0.000790   -0.168623     -2.683800

 COMB DB-G2-2  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.411531      16.077701       0.114613
0.000174     0.300141      30.974945
 0.25000     3.290799      47.488313       0.114613
0.000174     0.157351     112.373500
 0.50000     2.291763      88.651750       0.114613
0.000174     0.036950     144.488383
 0.75000     1.235084     127.536358       0.114613
0.000174     0.133019     112.106385
 1.00000     0.426600     169.821585       0.114613
0.000174     0.246248      31.218056

 COMB DB-G2-2  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.419301    -170.085248      -0.090960
-0.000963   -0.226494    -112.517989
 0.25000    -1.228454    -127.754293      -0.090960
-0.000963   -0.124162     -42.567308
 0.50000    -2.285357     -88.881532      -0.090960
-0.000963   -0.055964     -41.672426
 0.75000    -3.284200     -47.714481      -0.090960
-0.000963   -0.160858     -42.981978
 1.00000    -4.404123     -16.293029      -0.090960
-0.000963   -0.297356    -113.344044

 COMB DB-G2-3  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.507378      16.730123       0.145309
0.000712     0.378592      36.251183
 0.25000     3.361965      48.832474       0.145309
0.000712     0.197574     119.258421
 0.50000     2.340927      90.902432       0.145309
0.000712     0.039767     152.046655
 0.75000     1.260977     130.643376       0.145309
0.000712     0.171492     119.077972
 1.00000     0.434688     173.859827       0.145309
0.000712     0.323856      36.587811

 COMB DB-G2-3  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.470967    -174.193994      -0.122379
-0.001039   -0.305838    -116.119734
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 REL DIST              P              V2              V3
    T          M2             M3
 0.25000    -1.297940    -130.930808      -0.122379
-0.001039   -0.164612     -44.740358
 0.50000    -2.378118     -91.201973      -0.122379
-0.001039   -0.064150     -43.937561
 0.75000    -3.398958     -49.128321      -0.122379
-0.001039   -0.197844     -45.387744
 1.00000    -4.543544     -17.014890      -0.122379
-0.001039   -0.372407    -117.411149

 COMB DL-G1-1  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     0.002893      0.415239       0.106244
0.000692     0.261418      7.880016
 0.25000     0.002426      0.423658       0.106244
0.000692     0.129426      7.895283
 0.50000     0.001897      0.442568       0.106244
0.000692     0.004174      7.933695
 0.75000     0.001410      0.463168       0.106244
0.000692     0.105853      8.015698
 1.00000     0.001178      0.481304       0.106244
0.000692     0.214166      8.120097

 COMB DL-G1-1  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.082890     -0.415257      -0.087062
-0.000151   -0.219172     -2.368747
 0.25000    -0.083122     -0.397124      -0.087062
-0.000151   -0.110886     -2.572725
 0.50000    -0.083609     -0.376523      -0.087062
-0.000151   -0.014512     -2.806668
 0.75000    -0.084138     -0.357607      -0.087062
-0.000151   -0.136255     -3.038058
 1.00000    -0.084606     -0.349163      -0.087062
-0.000151   -0.268414     -3.292772

 COMB DL-G1-2  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.872350      16.026499       0.167017
0.000872     0.420415      26.443149
 0.25000     2.924531      33.099831       0.167017
0.000872     0.215959      78.959776
 0.50000     1.850697      71.448711       0.167017
0.000872     0.027845     107.537983
 0.75000     0.864920     113.225383       0.167017
0.000872     0.165470      79.314589
 1.00000     0.393325     150.005626       0.167017
0.000872     0.314589      26.962470

 COMB DL-G1-2  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.491967    -149.929257      -0.119634
-0.000192   -0.301778     -90.010425
 0.25000    -0.962669    -113.154525      -0.119634
-0.000192   -0.165578     -35.546105
 0.50000    -1.948918     -71.376592      -0.119634
-0.000192   -0.059934     -35.773753
 0.75000    -3.023131     -33.015326      -0.119634
-0.000192   -0.234437     -36.468780
 1.00000    -3.970893     -15.889814      -0.119634
-0.000192   -0.432328     -91.684060

 COMB DL-G1-3  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.899390      16.435575       0.230759
0.000889     0.571783      31.890215
 0.25000     2.951291      33.513958       0.230759
0.000889     0.287759      84.287523
 0.50000     1.877140      71.874184       0.230759
0.000889     0.030528     112.764526
 0.75000     0.891072     113.663216       0.230759
0.000889     0.220740      84.698296
 1.00000     0.419336     150.454341       0.230759
0.000889     0.421307      32.559907
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 COMB DL-G1-3  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.489455    -150.352252      -0.161070
-0.000691   -0.401818     -91.583339
 0.25000    -0.960296    -113.566640      -0.161070
-0.000691   -0.214239     -37.249888
 0.50000    -1.946838     -71.776347      -0.161070
-0.000691   -0.068876     -37.624435
 0.75000    -3.021368     -33.403732      -0.161070
-0.000691   -0.320623     -38.466632
 1.00000    -3.969411     -16.273153      -0.161070
-0.000691   -0.598377     -93.845231

 COMB DL-G2-1  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     0.026242      0.413795       0.117593
0.000139     0.282169      7.908495
 0.25000     0.025775      0.422214       0.117593
0.000139     0.135227      7.915947
 0.50000     0.025246      0.441124       0.117593
0.000139     0.004221      7.945027
 0.75000     0.024759      0.461724       0.117593
0.000139     0.105156      8.016903
 1.00000     0.024527      0.479860       0.117593
0.000139     0.205673      8.111092

 COMB DL-G2-1  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.010266     -0.407871      -0.080871
-0.000726   -0.197249     -2.426693
 0.25000    -0.010498     -0.389738      -0.080871
-0.000726   -0.096779     -2.626221
 0.50000    -0.010985     -0.369137      -0.080871
-0.000726   -0.014641     -2.852745
 0.75000    -0.011514     -0.350222      -0.080871
-0.000726   -0.156402     -3.079428
 1.00000    -0.011982     -0.341777      -0.080871
-0.000726   -0.303132     -3.333050

 COMB DL-G2-2  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.904946      16.024177       0.181199
0.000185     0.446109      26.474569
 0.25000     2.957127      33.097509       0.181199
0.000185     0.223000      78.981029
 0.50000     1.883293      71.446390       0.181199
0.000185     0.027900     107.549622
 0.75000     0.897517     113.223062       0.181199
0.000185     0.167141      79.313965
 1.00000     0.425921     150.003305       0.181199
0.000185     0.308451      26.947590

 COMB DL-G2-2  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.405250    -149.919956      -0.113654
-0.000881   -0.278262     -90.078917
 0.25000    -0.875952    -113.145224      -0.113654
-0.000881   -0.150085     -35.609406
 0.50000    -1.862202     -71.367291      -0.113654
-0.000881   -0.060081     -35.831868
 0.75000    -2.936414     -33.006026      -0.113654
-0.000881   -0.259643     -36.521678
 1.00000    -3.884176     -15.880513      -0.113654
-0.000881   -0.476106     -91.731818

 COMB DL-G2-3  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.906152      16.435502       0.234871
0.000660     0.578794      31.905141
 0.25000     2.958053      33.513885       0.234871
0.000660     0.289158      84.298077
 0.50000     1.883901      71.874112       0.234871
0.000660     0.030549     112.771194
 0.75000     0.897833     113.663143       0.234871
0.000660     0.218328      84.701263
 1.00000     0.426098     150.454268       0.234871
0.000660     0.413626      32.557703
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 COMB DL-G2-3  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.457754    -150.349839      -0.156891
-0.000938   -0.388677     -91.609395
 0.25000    -0.928595    -113.564227      -0.156891
-0.000938   -0.206464     -37.274001
 0.50000    -1.915137     -71.773934      -0.156891
-0.000938   -0.069052     -37.646658
 0.75000    -2.989667     -33.401319      -0.156891
-0.000938   -0.328114     -38.486815
 1.00000    -3.937710     -16.270740      -0.156891
-0.000938   -0.611218     -93.863407

 COMB     DB  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.507378      16.730123       0.145309
0.000979     0.378592      36.260209
 0.25000     3.361965      48.832474       0.145309
0.000979     0.197574     119.267461
 0.50000     2.340927      90.902432       0.145309
0.000979     0.039767     152.056510
 0.75000     1.260977     130.643376       0.145309
0.000979     0.171492     119.089076
 1.00000     0.434688     173.859827       0.145309
0.000979     0.323856      36.600488

 COMB     DB  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.489779    -174.195292      -0.122671
-0.001039   -0.307544    -116.119734
 0.25000    -1.316752    -130.932105      -0.122671
-0.001039   -0.165886     -44.740358
 0.50000    -2.396930     -91.203270      -0.122671
-0.001039   -0.064150     -43.937561
 0.75000    -3.417770     -49.129619      -0.122671
-0.001039   -0.197844     -45.387744
 1.00000    -4.562356     -17.016188      -0.122671
-0.001039   -0.372407    -117.411149

 COMB     DL  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     3.906152      16.435575       0.234871
0.000889     0.578794      31.905141
 0.25000     2.958053      33.513958       0.234871
0.000889     0.289158      84.298077
 0.50000     1.883901      71.874184       0.234871
0.000889     0.030549     112.771194
 0.75000     0.897833     113.663216       0.234871
0.000889     0.220740      84.701263
 1.00000     0.426098     150.454341       0.234871
0.000889     0.421307      32.559907

 COMB     DL  ------------------- MIN

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000    -0.491967    -150.352252      -0.161070
-0.000938   -0.401818     -91.609395
 0.25000    -0.962669    -113.566640      -0.161070
-0.000938   -0.214239     -37.274001
 0.50000    -1.948918     -71.776347      -0.161070
-0.000938   -0.069052     -37.646658
 0.75000    -3.023131     -33.403732      -0.161070
-0.000938   -0.328114     -38.486815
 1.00000    -3.970893     -16.273153      -0.161070
-0.000938   -0.611218     -93.863407

 COMB     CAR  ------------------- MAX

 REL DIST              P              V2              V3
    T          M2             M3
 0.00000     4.507378      16.730123       0.234871
0.000979     0.578794      36.260209
 0.25000     3.361965      48.832474       0.234871
0.000979     0.289158     119.267461
 0.50000     2.340927      90.902432       0.234871
0.000979     0.039767     152.056510
 0.75000     1.260977     130.643376       0.234871
0.000979     0.220740     119.089076
 1.00000     0.434688     173.859827       0.234871
0.000979     0.421307      36.600488
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COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491967	-174.195292	-0.161070
-0.001039	-0.401818	-116.119734	
0.25000	-1.316752	-130.932105	-0.161070
-0.001039	-0.214239	-44.740358	
0.50000	-2.396930	-91.203270	-0.161070
-0.001039	-0.069052	-43.937561	
0.75000	-3.417770	-49.129619	-0.161070
-0.001039	-0.328114	-45.387744	
1.00000	-4.562356	-17.016188	-0.161070
-0.001039	-0.611218	-117.411149	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.507378	16.730123	0.234871
0.000979	0.578794	36.260209	
0.25000	3.361965	48.832474	0.234871
0.000979	0.289158	119.267461	
0.50000	2.340927	90.902432	0.234871
0.000979	0.039767	152.056510	
0.75000	1.260977	130.643376	0.234871
0.000979	0.220740	119.089076	
1.00000	0.434688	173.859827	0.234871
0.000979	0.421307	36.600488	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491967	-174.195292	-0.161070
-0.001039	-0.401818	-116.119734	
0.25000	-1.316752	-130.932105	-0.161070
-0.001039	-0.214239	-44.740358	
0.50000	-2.396930	-91.203270	-0.161070
-0.001039	-0.069052	-43.937561	
0.75000	-3.417770	-49.129619	-0.161070
-0.001039	-0.328114	-45.387744	
1.00000	-4.562356	-17.016188	-0.161070
-0.001039	-0.611218	-117.411149	

ELEM 142 ========== LENGTH = 4.979906

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003708	0.554217	0.058038
0.000929	0.146779	6.827662	
0.25000	0.002875	0.577733	0.058038
0.000929	0.074547	6.367619	
0.50000	0.002133	0.608545	0.058038
0.000929	0.004379	5.976896	
0.75000	0.001347	0.637652	0.058038
0.000929	0.075663	5.692811	
1.00000	0.000746	0.669350	0.058038
0.000929	0.152753	5.536428	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067186	-0.312298	-0.061868
-9.92E-06	-0.155331	-2.650199	
0.25000	-0.067787	-0.280591	-0.061868
-9.92E-06	-0.07827	-2.748920	
0.50000	-0.068573	-0.251492	-0.061868
-9.92E-06	-0.009959	-2.899213	
0.75000	-0.069315	-0.220678	-0.061868
-9.92E-06	-0.070017	-3.051153	
1.00000	-0.070148	-0.197154	-0.061868
-9.92E-06	-0.142255	-3.254709	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.342277	16.563576	0.111721
0.001131	0.297687	31.315554	
0.25000	3.230546	47.957025	0.111721
0.001131	0.158537	111.968202	
0.50000	2.239235	89.090767	0.111721
0.001131	0.038753	143.382982	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	1.190332	127.948756	0.111721
0.001131	0.121516	110.380107	
1.00000	0.388025	170.265593	0.111721
0.001131	0.226617	29.072831	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.485705	-169.708758	-0.084384
-3.67E-07	-0.206544	-113.257500	
0.25000	-1.288400	-127.380780	-0.084384
-3.67E-07	-0.116511	-43.630558	
0.50000	-2.337433	-88.533082	-0.084384
-3.67E-07	-0.054302	-42.852881	
0.75000	-3.328644	-47.395989	-0.084384
-3.67E-07	-0.158052	-44.273133	
1.00000	-4.440465	-15.992487	-0.084384
-3.67E-07	-0.284546	-114.601554	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.459771	17.408977	0.148781
0.001008	0.388869	36.658196	
0.25000	3.323557	49.493788	0.148781
0.001008	0.203576	118.642293	
0.50000	2.310414	91.533397	0.148781
0.001008	0.042283	150.499215	
0.75000	1.238412	131.247134	0.148781
0.001008	0.170269	116.714446	
1.00000	0.418436	174.495893	0.148781
0.001008	0.321488	33.625067	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.506494	-173.727361	-0.121402
-0.000660	-0.296310	-117.348116	
0.25000	-1.326867	-130.467216	-0.121402
-0.000660	-0.160612	-46.278538	
0.50000	-2.399002	-90.763996	-0.121402
-0.000660	-0.061886	-45.574456	
0.75000	-3.412042	-48.720962	-0.121402
-0.000660	-0.204874	-47.116707	
1.00000	-4.548348	-16.625877	-0.121402
-0.000660	-0.377460	-119.084655	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023573	0.555395	0.070721
9.47E-06	0.174483	6.789377	
0.25000	0.022740	0.578910	0.070721
9.47E-06	0.086356	6.327664	
0.50000	0.021998	0.609722	0.070721
9.47E-06	0.004444	5.934422	
0.75000	0.021212	0.638829	0.070721
9.47E-06	0.089765	5.648963	
1.00000	0.020611	0.670527	0.070721
9.47E-06	0.176790	5.493579	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029028	-0.309949	-0.069940
-0.000975	-0.171495	-2.692783	
0.25000	-0.029629	-0.278243	-0.069940
-0.000975	-0.084416	-2.788797	
0.50000	-0.030415	-0.249143	-0.069940
-0.000975	-0.009909	-2.936384	
0.75000	-0.031157	-0.218329	-0.069940
-0.000975	-0.089580	-3.085617	
1.00000	-0.031990	-0.194806	-0.069940
-0.000975	-0.177692	-3.286466	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.370669	16.563534	0.127390
3.50E-07	0.331811	31.264121	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.258939	47.956983	0.127390
3.50E-07	0.173194	111.915329	
0.50000	2.267627	89.090725	0.127390
3.50E-07	0.038831	143.325766	
0.75000	1.218725	127.948713	0.127390
3.50E-07	0.140153	110.321074	
1.00000	0.416418	170.265550	0.127390
3.50E-07	0.258758	29.016259	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.437516	-169.704491	-0.095230
-0.001182	-0.228424	-113.306968	
0.25000	-1.240212	-127.376513	-0.095230
-0.001182	-0.125034	-43.676837	
0.50000	-2.289244	-88.528815	-0.095230
-0.001182	-0.054189	-42.895972	
0.75000	-3.280455	-47.391722	-0.095230
-0.001182	-0.175845	-44.313035	
1.00000	-4.392277	-15.988219	-0.095230
-0.001182	-0.325992	-114.638267	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.465671	17.409652	0.159240
0.000628	0.407392	36.645456	
0.25000	3.329457	49.494462	0.159240
0.000628	0.209150	118.629415	
0.50000	2.316315	91.534071	0.159240
0.000628	0.042319	150.486251	
0.75000	1.244312	131.247809	0.159240
0.000628	0.174982	116.699376	
1.00000	0.424337	174.496567	0.159240
0.000628	0.329405	33.609499	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.492045	-173.726068	-0.123977
-0.001053	-0.301250	-117.368131	
0.25000	-1.312417	-130.465923	-0.123977
-0.001053	-0.162312	-46.297319	
0.50000	-2.384552	-90.762703	-0.123977
-0.001053	-0.061812	-45.592003	
0.75000	-3.397592	-48.719670	-0.123977
-0.001053	-0.220103	-47.133020	
1.00000	-4.533898	-16.624584	-0.123977
-0.001053	-0.409678	-119.099733	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002435	0.698769	0.113214
0.000921	0.279906	8.114640	
0.25000	0.001972	0.707219	0.113214
0.000921	0.139007	7.674774	
0.50000	0.001446	0.726121	0.113214
0.000921	0.005456	7.256730	
0.75000	0.000964	0.746708	0.113214
0.000921	0.100415	6.888970	
1.00000	0.000732	0.764838	0.113214
0.000921	0.202867	6.565911	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092334	-0.269812	-0.082423
-9.42E-06	-0.206924	-3.278767	
0.25000	-0.092565	-0.251686	-0.082423
-9.42E-06	-0.104284	-3.447544	
0.50000	-0.093048	-0.231104	-0.082423
-9.42E-06	-0.013627	-3.642807	
0.75000	-0.093574	-0.212201	-0.082423
-9.42E-06	-0.143172	-3.835271	
1.00000	-0.094037	-0.203736	-0.082423
-9.42E-06	-0.284050	-4.054705	

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COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.842944	16.470705	0.191200
0.001120	0.480000	26.972073	
0.25000	2.902755	33.607204	0.191200
0.001120	0.245983	78.666758	
0.50000	1.837055	71.938973	0.191200
0.001120	0.030772	106.488043	
0.75000	0.858678	113.689600	0.191200
0.001120	0.162198	77.473760	
1.00000	0.389816	150.457494	0.191200
0.001120	0.306504	24.422053	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.507227	-149.566820	-0.115734
-2.18E-07	-0.285376	-91.622620	
0.25000	-0.975338	-112.808735	-0.115734
-2.18E-07	-0.155383	-37.310015	
0.50000	-1.954278	-71.067478	-0.115734
-2.18E-07	-0.057610	-37.770558	
0.75000	-3.020583	-32.733094	-0.115734
-2.18E-07	-0.263312	-38.362580	
1.00000	-3.961171	-15.565188	-0.115734
-2.18E-07	-0.488811	-93.647820	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.868512	17.073971	0.272675
0.001001	0.675345	32.596083	
0.25000	2.928045	34.215541	0.272675
0.001001	0.339412	83.877734	
0.50000	1.862029	72.558651	0.272675
0.001001	0.034378	111.298299	
0.75000	0.883363	114.321630	0.272675
0.001001	0.229825	82.162377	
1.00000	0.414362	151.100401	0.272675
0.001001	0.437463	29.069050	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.515079	-149.908896	-0.166402
-0.000615	-0.407043	-93.795231	
0.25000	-0.983328	-113.139936	-0.166402
-0.000615	-0.214093	-39.597099	
0.50000	-1.962559	-71.386330	-0.166402
-0.000615	-0.066201	-40.181686	
0.75000	-3.029179	-33.040603	-0.166402
-0.000615	-0.371268	-40.897808	
1.00000	-3.970045	-15.867618	-0.166402
-0.000615	-0.698906	-96.323292	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.022860	0.698179	0.142523
9.07E-06	0.344791	8.137236	
0.25000	0.022396	0.706629	0.142523
9.07E-06	0.167137	7.684873	
0.50000	0.021871	0.725530	0.142523
9.07E-06	0.005553	7.256399	
0.75000	0.021388	0.746117	0.142523
9.07E-06	0.120719	6.877007	
1.00000	0.021157	0.764247	0.142523
9.07E-06	0.235898	6.541379	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026092	-0.262632	-0.092440
-0.000969	-0.224543	-3.350442	
0.25000	-0.026323	-0.244506	-0.092440
-0.000969	-0.109513	-3.509822	
0.50000	-0.026805	-0.223924	-0.092440
-0.000969	-0.013776	-3.696206	
0.75000	-0.027331	-0.205021	-0.092440
-0.000969	-0.186995	-3.882640	
1.00000	-0.027795	-0.196556	-0.092440
-0.000969	-0.364586	-4.096046	

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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.872701	16.469159	0.228217
2.05E-07	0.562051	26.994548	
0.25000	2.932512	33.605659	0.228217
2.05E-07	0.281611	78.676540	
0.50000	1.866811	71.937428	0.228217
2.05E-07	0.030890	106.485856	
0.75000	0.888434	113.688055	0.228217
2.05E-07	0.190396	77.457643	
1.00000	0.419572	150.455948	0.228217
2.05E-07	0.353450	24.389329	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.428622	-149.557348	-0.130590
-0.001170	-0.312904	-91.707495	
0.25000	-0.896732	-112.799263	-0.130590
-0.001170	-0.164977	-37.388175	
0.50000	-1.875673	-71.058006	-0.130590
-0.001170	-0.057821	-37.842103	
0.75000	-2.941978	-32.723621	-0.130590
-0.001170	-0.316355	-38.427378	
1.00000	-3.882565	-15.555715	-0.130590
-0.001170	-0.590317	-93.705958	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.873900	17.074427	0.285767
0.000585	0.702557	32.608044	
0.25000	2.933433	34.215997	0.285767
0.000585	0.350702	83.884247	
0.50000	1.867417	72.559106	0.285767
0.000585	0.034421	111.299823	
0.75000	0.888751	114.322086	0.285767
0.000585	0.236058	82.159303	
1.00000	0.419749	151.100857	0.285767
0.000585	0.446061	29.059910	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.486345	-149.906402	-0.168550
-0.001045	-0.409578	-93.827713	
0.25000	-0.954594	-113.137442	-0.168550
-0.001045	-0.214139	-39.617666	
0.50000	-1.933824	-71.383836	-0.168550
-0.001045	-0.066276	-40.197161	
0.75000	-3.000445	-33.038110	-0.168550
-0.001045	-0.391276	-40.908041	
1.00000	-3.941311	-15.865124	-0.168550
-0.001045	-0.736716	-96.328479	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.465671	17.409652	0.159240
0.001131	0.407392	36.658196	
0.25000	3.329457	49.494462	0.159240
0.001131	0.209150	118.642293	
0.50000	2.316315	91.534071	0.159240
0.001131	0.042319	150.499215	
0.75000	1.244312	131.247809	0.159240
0.001131	0.174982	116.714446	
1.00000	0.424337	174.496567	0.159240
0.001131	0.329405	33.625067	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.506494	-173.727361	-0.123977
-0.001182	-0.301250	-117.368131	
0.25000	-1.326867	-130.467216	-0.123977
-0.001182	-0.162312	-46.297319	
0.50000	-2.399002	-90.763996	-0.123977
-0.001182	-0.061886	-45.592003	
0.75000	-3.412042	-48.720962	-0.123977
-0.001182	-0.220103	-47.133020	
1.00000	-4.548348	-16.625877	-0.123977
-0.001182	-0.409678	-119.099733	

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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.873900	17.074427	0.285767
0.001120	0.702557	32.608044	
0.25000	2.933433	34.215997	0.285767
0.001120	0.350702	83.884247	
0.50000	1.867417	72.559106	0.285767
0.001120	0.034421	111.299823	
0.75000	0.888751	114.322086	0.285767
0.001120	0.236058	82.162377	
1.00000	0.419749	151.100857	0.285767
0.001120	0.446061	29.069050	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.515079	-149.908896	-0.168550
-0.001170	-0.409578	-93.827713	
0.25000	-0.983328	-113.139936	-0.168550
-0.001170	-0.214139	-39.617666	
0.50000	-1.962559	-71.386330	-0.168550
-0.001170	-0.066276	-40.197161	
0.75000	-3.029179	-33.040603	-0.168550
-0.001170	-0.391276	-40.908041	
1.00000	-3.970045	-15.867618	-0.168550
-0.001170	-0.736716	-96.328479	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.465671	17.409652	0.285767
0.001131	0.702557	36.658196	
0.25000	3.329457	49.494462	0.285767
0.001131	0.350702	118.642293	
0.50000	2.316315	91.534071	0.285767
0.001131	0.042319	150.499215	
0.75000	1.244312	131.247809	0.285767
0.001131	0.236058	116.714446	
1.00000	0.424337	174.496567	0.285767
0.001131	0.446061	33.625067	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.515079	-173.727361	-0.168550
-0.001182	-0.409578	-117.368131	
0.25000	-1.326867	-130.467216	-0.168550
-0.001182	-0.214139	-46.297319	
0.50000	-2.399002	-90.763996	-0.168550
-0.001182	-0.066276	-45.592003	
0.75000	-3.412042	-48.720962	-0.168550
-0.001182	-0.391276	-47.133020	
1.00000	-4.548348	-16.625877	-0.168550
-0.001182	-0.736716	-119.099733	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.465671	17.409652	0.285767
0.001131	0.702557	36.658196	
0.25000	3.329457	49.494462	0.285767
0.001131	0.350702	118.642293	
0.50000	2.316315	91.534071	0.285767
0.001131	0.042319	150.499215	
0.75000	1.244312	131.247809	0.285767
0.001131	0.236058	116.714446	
1.00000	0.424337	174.496567	0.285767
0.001131	0.446061	33.625067	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.515079	-173.727361	-0.168550
-0.001182	-0.409578	-117.368131	
0.25000	-1.326867	-130.467216	-0.168550
-0.001182	-0.214139	-46.297319	
0.50000	-2.399002	-90.763996	-0.168550
-0.001182	-0.066276	-45.592003	
0.75000	-3.412042	-48.720962	-0.168550
-0.001182	-0.391276	-47.133020	
1.00000	-4.548348	-16.625877	-0.168550
-0.001182	-0.736716	-119.099733	

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ELEM 143 ========== LENGTH = 4.981420

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008021	0.751669	0.060537
0.001057	0.148080	5.547063	
0.25000	0.007181	0.775185	0.060537
0.001057	0.072725	4.833234	
0.50000	0.006433	0.805996	0.060537

0.001057 0.005370 4.192746
0.75000 0.005643 0.835094 0.060537
0.001057 0.071276 3.680518
1.00000 0.005038 0.866866 0.060537
0.001057 0.144218 3.321920

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065429	-0.187209	-0.058513
-1.11E-05	-0.147258	-3.250625	
0.25000	-0.066035	-0.155491	-0.058513
-1.11E-05	-0.074273	-3.294482	
0.50000	-0.066826	-0.126389	-0.058513
-1.11E-05	-0.006888	-3.389838	
0.75000	-0.067573	-0.095580	-0.058513
-1.11E-05	-0.078203	-3.486860	
1.00000	-0.068415	-0.072070	-0.058513
-1.11E-05	-0.153587	-3.635540	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.379835	16.937376	0.126566
0.001277	0.330190	29.050870	
0.25000	3.258024	48.331317	0.126566
0.001277	0.172557	109.204381	
0.50000	2.259878	89.464165	0.126566
0.001277	0.041479	140.023947	
0.75000	1.204280	128.309391	0.126566
0.001277	0.119265	106.678122	
1.00000	0.396798	170.725557	0.126566
0.001277	0.220963	24.852845	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.487875	-169.373006	-0.083713
-4.10E-07	-0.207025	-114.635595	
0.25000	-1.296232	-127.028653	-0.083713
-4.10E-07	-0.110162	-45.148563	
0.50000	-2.352122	-88.177691	-0.083713
-4.10E-07	-0.048831	-44.412056	
0.75000	-3.349883	-47.047717	-0.083713
-4.10E-07	-0.172871	-45.899793	
1.00000	-4.473841	-15.662399	-0.083713
-4.10E-07	-0.317912	-116.350290	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.495417	17.933457	0.167560
0.001138	0.430819	33.603657	
0.25000	3.348901	50.018771	0.167560
0.001138	0.222121	114.905374	
0.50000	2.328773	92.057465	0.167560
0.001138	0.045714	145.983312	
0.75000	1.249928	131.758159	0.167560
0.001138	0.176300	111.678347	
1.00000	0.424663	175.108434	0.167560
0.001138	0.331759	27.923331	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.518773	-173.301912	-0.126894
-0.000747	-0.311626	-119.128567	
0.25000	-1.344933	-130.025032	-0.126894
-0.000747	-0.161165	-48.166277	
0.50000	-2.424076	-90.318475	-0.126894
-0.000747	-0.054582	-47.468569	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.443810	-48.282719	-0.126894
-0.000747	-0.226180	-49.044087	
1.00000	-4.592520	-16.206218	-0.126894
-0.000747	-0.421973	-121.101096	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.019609	0.752354	0.074878
1.06E-05	0.184643	5.505323	
0.25000	0.018769	0.775870	0.074878
1.06E-05	0.091320	4.792323	
0.50000	0.018022	0.806682	0.074878
1.06E-05	0.005521	4.152222	
0.75000	0.017231	0.835779	0.074878
1.06E-05	0.099319	3.642055	
1.00000	0.016626	0.867552	0.074878
1.06E-05	0.195087	3.287326	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.043463	-0.186130	-0.076924
-0.001110	-0.188179	-3.298291	
0.25000	-0.044069	-0.154411	-0.076924
-0.001110	-0.092362	-3.337357	
0.50000	-0.044860	-0.125309	-0.076924
-0.001110	-0.006899	-3.427922	
0.75000	-0.045607	-0.094500	-0.076924
-0.001110	-0.095074	-3.520153	
1.00000	-0.046449	-0.070991	-0.076924
-0.001110	-0.188340	-3.664041	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.397186	16.936648	0.137794
3.91E-07	0.359189	28.996001	
0.25000	3.275375	48.330590	0.137794
3.91E-07	0.187462	109.151583	
0.50000	2.277229	89.463438	0.137794
3.91E-07	0.041660	139.970438	
0.75000	1.221631	128.308663	0.137794
3.91E-07	0.155883	106.627988	
1.00000	0.414149	170.724830	0.137794
3.91E-07	0.287443	24.807996	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.458630	-169.369958	-0.107843
-0.001341	-0.260776	-114.690904	
0.25000	-1.266988	-127.025606	-0.107843
-0.001341	-0.133916	-45.198242	
0.50000	-2.322878	-88.174643	-0.107843
-0.001341	-0.048766	-44.456104	
0.75000	-3.320638	-47.044670	-0.107843
-0.001341	-0.185619	-45.938211	
1.00000	-4.444597	-15.659352	-0.107843
-0.001341	-0.344694	-116.383076	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.497025	17.933754	0.176861
0.000711	0.455200	33.588679	
0.25000	3.350509	50.019068	0.176861
0.000711	0.234811	114.891176	
0.50000	2.330381	92.057763	0.176861
0.000711	0.045736	145.970884	
0.75000	1.251536	131.758456	0.176861
0.000711	0.186522	111.666702	
1.00000	0.426272	175.108731	0.176861
0.000711	0.349878	27.911069	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.511724	-173.301076	-0.133424
-0.001195	-0.326002	-119.151024	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.337883	-130.024196	-0.133424
-0.001195	-0.167421	-48.186538	
0.50000	-2.417027	-90.317639	-0.133424
-0.001195	-0.054534	-47.486633	
0.75000	-3.436760	-48.281883	-0.133424
-0.001195	-0.236315	-49.059955	
1.00000	-4.585471	-16.205382	-0.133424
-0.001195	-0.443804	-121.114768	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007280	0.920474	0.116729
0.001115	0.289670	6.568513	
0.25000	0.006813	0.928960	0.116729
0.001115	0.144561	5.752536	
0.50000	0.006284	0.947868	0.116729
0.001115	0.006650	4.961323	
0.75000	0.005798	0.968455	0.116729
0.001115	0.096592	4.268679	
1.00000	0.005565	0.986583	0.116729
0.001115	0.195184	3.760523	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090914	-0.159085	-0.078649
-1.10E-05	-0.196842	-4.043743	
0.25000	-0.091148	-0.140960	-0.078649
-1.10E-05	-0.098488	-4.139419	
0.50000	-0.091634	-0.120376	-0.078649
-1.10E-05	-0.008696	-4.264419	
0.75000	-0.092164	-0.101484	-0.078649
-1.10E-05	-0.146746	-4.457088	
1.00000	-0.092631	-0.093024	-0.078649
-1.10E-05	-0.292032	-4.864447	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.878212	16.835370	0.211106
0.001316	0.532939	24.422506	
0.25000	2.931352	34.044768	0.211106
0.001316	0.273809	75.452651	
0.50000	1.858571	72.389297	0.211106
0.001316	0.034102	102.558703	
0.75000	0.873819	114.139462	0.211106
0.001316	0.168696	72.780743	
1.00000	0.400271	150.903312	0.211106
0.001316	0.316598	19.649572	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.514938	-149.251845	-0.118487
-2.56E-07	-0.287639	-93.675623	
0.25000	-0.990142	-112.495025	-0.118487
-2.56E-07	-0.155882	-39.389779	
0.50000	-1.975776	-70.750095	-0.118487
-2.56E-07	-0.050122	-39.876638	
0.75000	-3.049210	-32.437461	-0.118487
-2.56E-07	-0.281740	-40.490287	
1.00000	-3.996248	-15.279843	-0.118487
-2.56E-07	-0.532629	-96.532099	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.900643	17.600536	0.308316
0.001176	0.769349	29.086391	
0.25000	2.953503	34.815026	0.308316
0.001176	0.388851	79.440502	
0.50000	1.880404	73.170899	0.308316
0.001176	0.038548	105.883906	
0.75000	0.895362	114.933416	0.308316
0.001176	0.251511	75.784763	
1.00000	0.421673	151.708144	0.308316
0.001176	0.477013	22.505081	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535113	-149.511750	-0.180746
-0.000768	-0.437109	-96.368966	
0.25000	-1.010458	-112.744056	-0.180746
-0.000768	-0.227748	-42.393426	
0.50000	-1.996383	-70.986775	-0.180746
-0.000768	-0.056211	-43.160979	
0.75000	-3.070135	-32.662807	-0.180746
-0.000768	-0.408100	-43.899484	
1.00000	-4.017453	-15.500113	-0.180746
-0.000768	-0.780258	-100.170647	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.018845	0.919129	0.163393
1.03E-05	0.399803	6.577023	
0.25000	0.018378	0.927615	0.163393
1.03E-05	0.196004	5.747612	
0.50000	0.017849	0.946522	0.163393
1.03E-05	0.006852	4.945058	
0.75000	0.017364	0.967109	0.163393
1.03E-05	0.139936	4.251462	
1.00000	0.017130	0.985237	0.163393
1.03E-05	0.273325	3.743329	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.045045	-0.152278	-0.107021
-0.001191	-0.259547	-4.116841	
0.25000	-0.045279	-0.134153	-0.107021
-0.001191	-0.126201	-4.203822	
0.50000	-0.045765	-0.113569	-0.107021
-0.001191	-0.009073	-4.317868	
0.75000	-0.046295	-0.094677	-0.107021
-0.001191	-0.210091	-4.522420	
1.00000	-0.046762	-0.086216	-0.107021
-0.001191	-0.413884	-4.939965	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.895429	16.833028	0.266916
2.39E-07	0.664510	24.428898	
0.25000	2.948569	34.042426	0.266916
2.39E-07	0.335224	75.444487	
0.50000	1.875788	72.386955	0.266916
2.39E-07	0.034474	102.537439	
0.75000	0.891037	114.137120	0.266916
2.39E-07	0.224798	72.758267	
1.00000	0.417488	150.900971	0.266916
2.39E-07	0.419006	19.626234	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.458019	-149.242746	-0.155871
-0.001436	-0.370469	-93.771423	
0.25000	-0.933223	-112.485927	-0.155871
-0.001436	-0.192703	-39.475489	
0.50000	-1.918857	-70.740996	-0.155871
-0.001436	-0.050566	-39.952374	
0.75000	-2.992291	-32.428362	-0.155871
-0.001436	-0.357605	-40.577490	
1.00000	-3.939329	-15.270745	-0.155871
-0.001436	-0.678434	-96.629974	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.902487	17.600432	0.328219
0.000717	0.816704	29.092124	
0.25000	2.955347	34.814922	0.328219
0.000717	0.411288	79.440459	
0.50000	1.882248	73.170795	0.328219
0.000717	0.038701	105.878246	
0.75000	0.897206	114.933312	0.328219
0.000717	0.266952	75.779347	
1.00000	0.423517	151.708040	0.328219
0.000717	0.504147	22.500188	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.516809	-149.509386	-0.190367
-0.001284	-0.457522	-96.387345	
0.25000	-0.992154	-112.741692	-0.190367
-0.001284	-0.237166	-42.152788	
0.50000	-1.978079	-70.984411	-0.190367
-0.001284	-0.056319	-42.708223	
0.75000	-3.051831	-32.660442	-0.190367
-0.001284	-0.434716	-43.472512	
1.00000	-3.999149	-15.497748	-0.190367
-0.001284	-0.831809	-99.801578	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.497025	17.933754	0.176861
0.001277	0.455200	33.603657	
0.25000	3.350509	50.019068	0.176861
0.001277	0.234811	114.905374	
0.50000	2.330381	92.057763	0.176861
0.001277	0.045736	145.983312	
0.75000	1.251536	131.758456	0.176861
0.001277	0.186522	111.678347	
1.00000	0.426272	175.108731	0.176861
0.001277	0.349878	27.923331	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.518773	-173.301912	-0.133424
-0.001341	-0.326002	-119.151024	
0.25000	-1.344933	-130.025032	-0.133424
-0.001341	-0.167421	-48.186538	
0.50000	-2.424076	-90.318475	-0.133424
-0.001341	-0.054582	-47.486633	
0.75000	-3.443810	-48.282719	-0.133424
-0.001341	-0.236315	-49.059955	
1.00000	-4.592520	-16.206218	-0.133424
-0.001341	-0.443804	-121.114768	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.902487	17.600536	0.328219
0.001316	0.816704	29.092124	
0.25000	2.955347	34.815026	0.328219
0.001316	0.411288	79.440502	
0.50000	1.882248	73.170899	0.328219
0.001316	0.038701	105.883906	
0.75000	0.897206	114.933416	0.328219
0.001316	0.266952	75.784763	
1.00000	0.423517	151.708144	0.328219
0.001316	0.504147	22.505081	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535113	-149.511750	-0.190367
-0.001436	-0.457522	-96.387345	
0.25000	-1.010458	-112.744056	-0.190367
-0.001436	-0.237166	-42.393426	
0.50000	-1.996383	-70.986775	-0.190367
-0.001436	-0.056319	-43.160979	
0.75000	-3.070135	-32.662807	-0.190367
-0.001436	-0.434716	-43.899484	
1.00000	-4.017453	-15.500113	-0.190367
-0.001436	-0.831809	-100.170647	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.497025	17.933754	0.328219
0.001316	0.816704	33.603657	
0.25000	3.350509	50.019068	0.328219
0.001316	0.411288	114.905374	
0.50000	2.330381	92.057763	0.328219
0.001316	0.045736	145.983312	
0.75000	1.251536	131.758456	0.328219
0.001316	0.266952	111.678347	
1.00000	0.426272	175.108731	0.328219
0.001316	0.504147	27.923331	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535113	-173.301912	-0.190367
-0.001436	-0.457522	-119.151024	
0.25000	-1.344933	-130.025032	-0.190367
-0.001436	-0.237166	-48.186538	
0.50000	-2.424076	-90.318475	-0.190367
-0.001436	-0.056319	-47.486633	
0.75000	-3.443810	-48.282719	-0.190367
-0.001436	-0.434716	-49.059955	
1.00000	-4.592520	-16.206218	-0.190367
-0.001436	-0.831809	-121.114768	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.497025	17.933754	0.328219
0.001316	0.816704	33.603657	
0.25000	3.350509	50.019068	0.328219
0.001316	0.411288	114.905374	
0.50000	2.330381	92.057763	0.328219
0.001316	0.045736	145.983312	
0.75000	1.251536	131.758456	0.328219
0.001316	0.266952	111.678347	
1.00000	0.426272	175.108731	0.328219
0.001316	0.504147	27.923331	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535113	-173.301912	-0.190367
-0.001436	-0.457522	-119.151024	
0.25000	-1.344933	-130.025032	-0.190367
-0.001436	-0.237166	-48.186538	
0.50000	-2.424076	-90.318475	-0.190367
-0.001436	-0.056319	-47.486633	
0.75000	-3.443810	-48.282719	-0.190367
-0.001436	-0.434716	-49.059955	
1.00000	-4.592520	-16.206218	-0.190367
-0.001436	-0.831809	-121.114768	

ELEM 144 ========== LENGTH = 4.980020

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.022068	0.769614	0.062114
0.001093	0.155911	3.329510	
0.25000	0.021237	0.793163	0.062114
0.001093	0.078524	2.568237	
0.50000	0.020494	0.824001	0.062114
0.001093	0.005069	1.853215	
0.75000	0.019708	0.853077	0.062114
0.001093	0.067011	1.268847	
1.00000	0.019107	0.884905	0.062114
0.001093	0.135713	1.061191	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.046920	-0.247038	-0.055080
-1.14E-05	-0.138577	-3.635063	
0.25000	-0.047522	-0.215401	-0.055080
-1.14E-05	-0.069970	-3.437404	
0.50000	-0.048308	-0.186271	-0.055080
-1.14E-05	-0.002897	-3.291172	
0.75000	-0.049050	-0.155452	-0.055080
-1.14E-05	-0.076121	-3.146468	
1.00000	-0.049884	-0.131963	-0.055080
-1.14E-05	-0.153471	-3.053743	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.366009	16.870634	0.128214
0.001319	0.341461	24.900242	
0.25000	3.255818	48.307656	0.128214
0.001319	0.181794	105.041100	
0.50000	2.263909	89.476755	0.128214
0.001319	0.042910	135.933647	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.214753	128.293674	0.128214
0.001319	0.122997	103.029600	
1.00000	0.412767	170.783594	0.128214
0.001319	0.226892	21.171652	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.459155	-169.252311	-0.087177
-4.21E-07	-0.215495	-116.303279	
0.25000	-1.262392	-127.017033	-0.087177
-4.21E-07	-0.109383	-46.501660	
0.50000	-2.311964	-88.128301	-0.087177
-4.21E-07	-0.041827	-45.353978	
0.75000	-3.302920	-46.985693	-0.087177
-4.21E-07	-0.165207	-46.246133	
1.00000	-4.416250	-15.628146	-0.087177
-4.21E-07	-0.307437	-116.526304	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.471624	17.865560	0.171507
0.001176	0.450393	27.983513	
0.25000	3.336983	49.994904	0.171507

0.001176 0.236795 109.305308
0.50000 2.323230 92.070648 0.171507
0.001176 0.047032 140.396226
0.75000 1.250969 131.742412 0.171507
0.001176 0.189313 106.476812
1.00000 0.431322 175.168064 0.171507
0.001176 0.355905 22.724695

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.495542	-173.118143	-0.137607
-0.000764	-0.337871	-121.062382	
0.25000	-1.316469	-129.952740	-0.137607
-0.000764	-0.169122	-49.624857	
0.50000	-2.389156	-90.207582	-0.137607
-0.000764	-0.045139	-48.353198	
0.75000	-3.401934	-48.158912	-0.137607
-0.000764	-0.218614	-49.166298	
1.00000	-4.539783	-16.110794	-0.137607
-0.000764	-0.414336	-120.895515	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.008751	0.766651	0.079335
1.09E-05	0.195804	3.296154	
0.25000	0.007920	0.790200	0.079335
1.09E-05	0.097006	2.541050	
0.50000	0.007177	0.821038	0.079335
1.09E-05	0.005366	1.829630	
0.75000	0.006391	0.850114	0.079335
1.09E-05	0.109925	1.252311	
1.00000	0.005790	0.881942	0.079335
1.09E-05	0.216110	1.067101	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050678	-0.254460	-0.085311
-0.001140	-0.208751	-3.679060	
0.25000	-0.051280	-0.222823	-0.085311
-0.001140	-0.102554	-3.472420	
0.50000	-0.052066	-0.193693	-0.085311
-0.001140	-0.002893	-3.317206	
0.75000	-0.052808	-0.162874	-0.085311
-0.001140	-0.100474	-3.163520	
1.00000	-0.053642	-0.139386	-0.085311
-0.001140	-0.199266	-3.061811	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.351636	16.866059	0.142823
4.02E-07	0.373982	24.856949	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.241444	48.303082	0.142823
4.02E-07	0.196109	105.004330	
0.50000	2.249535	89.472181	0.142823
4.02E-07	0.043269	135.900134	
0.75000	1.200379	128.289100	0.142823
4.02E-07	0.178403	103.005891	
1.00000	0.398394	170.779019	0.142823
4.02E-07	0.330980	21.155305	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.460352	-169.260751	-0.126312
-0.001372	-0.306455	-116.354171	
0.25000	-1.263589	-127.025473	-0.126312
-0.001372	-0.151715	-46.542049	
0.50000	-2.313161	-88.136742	-0.126312
-0.001372	-0.041956	-45.383864	
0.75000	-3.304117	-46.994134	-0.126312
-0.001372	-0.187072	-46.265515	
1.00000	-4.417447	-15.636587	-0.126312
-0.001372	-0.347513	-116.535182	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.462181	17.864259	0.182645
0.000733	0.474879	27.971734	
0.25000	3.327541	49.993602	0.182645
0.000733	0.247398	109.295230	
0.50000	2.313787	92.069347	0.182645
0.000733	0.047241	140.390562	
0.75000	1.241527	131.741111	0.182645
0.000733	0.205041	106.473675	
1.00000	0.421880	175.166763	0.182645
0.000733	0.385342	22.722129	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.500255	-173.127958	-0.148661
-0.001223	-0.363566	-121.083247	
0.25000	-1.321181	-129.962555	-0.148661
-0.001223	-0.181048	-49.641560	
0.50000	-2.393868	-90.217397	-0.148661
-0.001223	-0.045219	-48.365739	
0.75000	-3.406647	-48.168728	-0.148661
-0.001223	-0.235570	-49.174677	
1.00000	-4.544495	-16.120610	-0.148661
-0.001223	-0.445199	-120.899726	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.026955	0.916687	0.113574
0.001203	0.286305	3.757226	
0.25000	0.026491	0.925244	0.113574
0.001203	0.145029	3.017272	
0.50000	0.025965	0.944168	0.113574
0.001203	0.007349	2.392552	
0.75000	0.025483	0.964763	0.113574
0.001203	0.098005	1.925557	
1.00000	0.025253	0.982880	0.113574
0.001203	0.194515	1.625284	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072349	-0.237096	-0.078044
-1.19E-05	-0.194204	-4.848998	
0.25000	-0.072581	-0.218957	-0.078044
-1.19E-05	-0.096871	-4.935909	
0.50000	-0.073064	-0.198364	-0.078044
-1.19E-05	-0.003681	-5.163068	
0.75000	-0.073590	-0.179470	-0.078044
-1.19E-05	-0.137986	-5.513866	
1.00000	-0.074054	-0.171070	-0.078044
-1.19E-05	-0.279381	-6.028272	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.882250	16.628251	0.213172
0.001478	0.548185	19.657307	
0.25000	2.941649	33.980851	0.213172
0.001478	0.285999	70.870750	
0.50000	1.875618	72.359710	0.213172
0.001478	0.037005	98.278249	
0.75000	0.897013	114.126981	0.213172
0.001478	0.182773	68.892434	
1.00000	0.430345	150.868421	0.213172
0.001478	0.342457	16.798222	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.489583	-149.398849	-0.128241
-2.70E-07	-0.312551	-96.462808	
0.25000	-0.959611	-112.612792	-0.128241
-2.70E-07	-0.166099	-41.983441	
0.50000	-1.939032	-70.850759	-0.128241
-2.70E-07	-0.041781	-42.328488	
0.75000	-3.005603	-32.533051	-0.128241
-2.70E-07	-0.274243	-42.925736	
1.00000	-3.946010	-15.497747	-0.128241
-2.70E-07	-0.526185	-99.115228	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.897388	17.382275	0.319645
0.001321	0.811603	22.538577	
0.25000	2.956509	34.740008	0.319645
0.001321	0.416715	73.156977	
0.50000	1.890162	73.130222	0.319645
0.001321	0.041947	100.042626	
0.75000	0.911268	114.909850	0.319645
0.001321	0.280994	70.481795	
1.00000	0.444462	151.662161	0.319645
0.001321	0.533824	18.375918	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.519890	-149.662463	-0.203050
-0.000811	-0.493505	-100.112529	
0.25000	-0.990057	-112.865523	-0.203050
-0.000811	-0.253805	-45.610952	
0.50000	-1.969768	-71.091134	-0.203050
-0.000811	-0.044635	-46.023283	
0.75000	-3.036654	-32.762090	-0.203050
-0.000811	-0.408012	-46.738289	
1.00000	-3.977340	-15.721746	-0.203050
-0.000811	-0.792751	-103.149446	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.010725	0.923179	0.175616
1.10E-05	0.434731	3.773254	
0.25000	0.010261	0.931735	0.175616
1.10E-05	0.215799	3.032035	
0.50000	0.009735	0.950660	0.175616
1.10E-05	0.007646	2.406253	
0.75000	0.009253	0.971255	0.175616
1.10E-05	0.160203	1.934955	
1.00000	0.009023	0.989372	0.175616
1.10E-05	0.313730	1.626351	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060891	-0.249882	-0.123296
-0.001277	-0.300187	-4.955637	
0.25000	-0.061123	-0.231743	-0.123296
-0.001277	-0.146592	-5.034363	
0.50000	-0.061606	-0.211150	-0.123296
-0.001277	-0.003820	-5.254500	
0.75000	-0.062132	-0.192256	-0.123296
-0.001277	-0.220555	-5.595786	
1.00000	-0.062595	-0.183856	-0.123296
-0.001277	-0.439525	-6.100833	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.865568	16.635272	0.287534
2.54E-07	0.725871	19.672890	
0.25000	2.924967	33.987871	0.287534
2.54E-07	0.370567	70.885181	
0.50000	1.858936	72.366730	0.287534
2.54E-07	0.037491	98.291929	
0.75000	0.880331	114.134002	0.287534
2.54E-07	0.263082	68.900345	
1.00000	0.413663	150.875442	0.287534
2.54E-07	0.495117	16.796525	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.472279	-149.413459	-0.186384
-0.001509	-0.448980	-96.597565	
0.25000	-0.942306	-112.627402	-0.186384
-0.001509	-0.229915	-42.109492	
0.50000	-1.921727	-70.865369	-0.186384
-0.001509	-0.041989	-42.444695	
0.75000	-2.988298	-32.547661	-0.186384
-0.001509	-0.373460	-43.028654	
1.00000	-3.928706	-15.512357	-0.186384
-0.001509	-0.718395	-99.203444	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.887476	17.385622	0.346339
0.000764	0.874839	22.548531	
0.25000	2.946597	34.743355	0.346339
0.000764	0.446341	73.166507	
0.50000	1.880250	73.133569	0.346339
0.000764	0.042227	100.050882	
0.75000	0.901356	114.913197	0.346339
0.000764	0.304391	70.488662	
1.00000	0.434550	151.665508	0.346339
0.000764	0.577873	18.379303	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.517759	-149.671217	-0.219604
-0.001349	-0.532100	-99.754004	
0.25000	-0.987926	-112.874277	-0.219604
-0.001349	-0.271529	-45.328688	
0.50000	-1.967636	-71.099888	-0.219604
-0.001349	-0.044726	-45.814826	
0.75000	-3.034523	-32.770844	-0.219604
-0.001349	-0.444233	-46.630252	
1.00000	-3.975209	-15.730500	-0.219604
-0.001349	-0.862375	-103.162050	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.471624	17.865560	0.182645
0.001319	0.474879	27.983513	
0.25000	3.336983	49.994904	0.182645
0.001319	0.247398	109.305308	
0.50000	2.323230	92.070648	0.182645
0.001319	0.047241	140.396226	
0.75000	1.250969	131.742412	0.182645
0.001319	0.205041	106.476812	
1.00000	0.431322	175.168064	0.182645
0.001319	0.385342	22.724695	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.500255	-173.127958	-0.148661
-0.001372	-0.363566	-121.083247	
0.25000	-1.321181	-129.962555	-0.148661
-0.001372	-0.181048	-49.641560	
0.50000	-2.393868	-90.217397	-0.148661
-0.001372	-0.045219	-48.365739	
0.75000	-3.406647	-48.168728	-0.148661
-0.001372	-0.235570	-49.174677	
1.00000	-4.544495	-16.120610	-0.148661
-0.001372	-0.445199	-120.899726	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.897388	17.385622	0.346339
0.001478	0.874839	22.548531	
0.25000	2.956509	34.743355	0.346339
0.001478	0.446341	73.166507	
0.50000	1.890162	73.133569	0.346339
0.001478	0.042227	100.050882	
0.75000	0.911268	114.913197	0.346339
0.001478	0.304391	70.488662	
1.00000	0.444462	151.665508	0.346339
0.001478	0.577873	18.379303	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.519890	-149.671217	-0.219604
-0.001509	-0.532100	-100.112529	
0.25000	-0.990057	-112.874277	-0.219604
-0.001509	-0.271529	-45.610952	
0.50000	-1.969768	-71.099888	-0.219604
-0.001509	-0.044726	-46.023283	
0.75000	-3.036654	-32.770844	-0.219604
-0.001509	-0.444233	-46.738289	
1.00000	-3.977340	-15.730500	-0.219604
-0.001509	-0.862375	-103.162050	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.471624	17.865560	0.346339
0.001478	0.874839	27.983513	
0.25000	3.336983	49.994904	0.346339
0.001478	0.446341	109.305308	
0.50000	2.323230	92.070648	0.346339
0.001478	0.047241	140.396226	
0.75000	1.250969	131.742412	0.346339
0.001478	0.304391	106.476812	
1.00000	0.444462	175.168064	0.346339
0.001478	0.577873	22.724695	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.519890	-173.127958	-0.219604
-0.001509	-0.532100	-121.083247	
0.25000	-1.321181	-129.962555	-0.219604
-0.001509	-0.271529	-49.641560	
0.50000	-2.393868	-90.217397	-0.219604
-0.001509	-0.045219	-48.365739	
0.75000	-3.406647	-48.168728	-0.219604
-0.001509	-0.444233	-49.174677	
1.00000	-4.544495	-16.120610	-0.219604
-0.001509	-0.862375	-120.899726	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.471624	17.865560	0.346339
0.001478	0.874839	27.983513	
0.25000	3.336983	49.994904	0.346339
0.001478	0.446341	109.305308	
0.50000	2.323230	92.070648	0.346339
0.001478	0.047241	140.396226	
0.75000	1.250969	131.742412	0.346339
0.001478	0.304391	106.476812	
1.00000	0.444462	175.168064	0.346339
0.001478	0.577873	22.724695	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.519890	-173.127958	-0.219604
-0.001509	-0.532100	-121.083247	
0.25000	-1.321181	-129.962555	-0.219604
-0.001509	-0.271529	-49.641560	
0.50000	-2.393868	-90.217397	-0.219604
-0.001509	-0.045219	-48.365739	
0.75000	-3.406647	-48.168728	-0.219604
-0.001509	-0.444233	-49.174677	
1.00000	-4.544495	-16.120610	-0.219604
-0.001509	-0.862375	-120.899726	

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ELEM 145 ========== LENGTH = 4.980675

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.032549	0.521008	0.055262
0.000869	0.141887	1.050280	
0.25000	0.031724	0.544681	0.055262
0.000869	0.073042	1.073125	
0.50000	0.030970	0.575685	0.055262
0.000869	0.004178	1.061702	
0.75000	0.030173	0.604885	0.055262
0.000869	0.063533	1.008922	
1.00000	0.029565	0.636508	0.055262
0.000869	0.128394	0.922472	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021844	-0.207319	-0.052019
-0.000443	-0.130698	-3.056106	
0.25000	-0.022455	-0.176053	-0.052019
-0.000443	-0.065843	-2.908021	
0.50000	-0.023252	-0.146771	-0.052019
-0.000443	-0.001419	-2.811903	
0.75000	-0.024003	-0.115794	-0.052019
-0.000443	-0.064521	-2.936340	
1.00000	-0.024839	-0.092202	-0.052019
-0.000443	-0.133361	-3.349411	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.398461	17.086330	0.112779
0.001047	0.308721	21.182356	
0.25000	3.296624	48.690253	0.112779
0.001047	0.168246	101.720554	
0.50000	2.290090	90.080339	0.112779
0.001047	0.043940	133.236748	
0.75000	1.226477	129.062192	0.112779
0.001047	0.133352	100.215175	
1.00000	0.414669	171.278979	0.112779
0.001047	0.245644	17.458144	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.439274	-168.745670	-0.090449
-0.000520	-0.223767	-116.526988	
0.25000	-1.254872	-127.005189	-0.090449
-0.000520	-0.115217	-46.739740	
0.50000	-2.319749	-87.913990	-0.090449
-0.000520	-0.037570	-46.299845	
0.75000	-3.322537	-46.559909	-0.090449
-0.000520	-0.137766	-48.259880	
1.00000	-4.438602	-15.064000	-0.090449
-0.000520	-0.259714	-120.988018	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.497569	17.940843	0.157725
0.001240	0.419389	22.738657	
0.25000	3.371467	50.240762	0.157725
0.001240	0.222914	104.579433	
0.50000	2.342767	92.542360	0.157725
0.001240	0.047799	136.766239	
0.75000	1.255730	132.382689	0.157725
0.001240	0.208973	102.994955	
1.00000	0.426044	175.529195	0.157725
0.001240	0.393383	18.392778	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.478780	-172.578825	-0.148375
-0.001074	-0.365032	-120.908605	
0.25000	-1.312340	-129.919115	-0.148375
-0.001074	-0.184420	-49.544106	
0.50000	-2.400668	-89.967031	-0.148375
-0.001074	-0.039321	-49.054268	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.425540	-47.702231	-0.148375
-0.001074	-0.195454	-51.167218	
1.00000	-4.566183	-15.512705	-0.148375
-0.001074	-0.373043	-125.725580	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.006845	0.517376	0.083354
0.000481	0.206067	1.085868	
0.25000	0.006020	0.541049	0.083354
0.000481	0.102204	1.100803	
0.50000	0.005266	0.572053	0.083354
0.000481	0.004555	1.081090	
0.75000	0.004469	0.601253	0.083354
0.000481	0.120247	1.020485	
1.00000	0.003861	0.632876	0.083354
0.000481	0.237043	0.926405	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051574	-0.209993	-0.093763
-0.000907	-0.229982	-3.080129	
0.25000	-0.052185	-0.178727	-0.093763
-0.000907	-0.113232	-2.928597	
0.50000	-0.052982	-0.149445	-0.093763
-0.000907	-0.001600	-2.829128	
0.75000	-0.053733	-0.118468	-0.093763
-0.000907	-0.105192	-2.967689	
1.00000	-0.054569	-0.094876	-0.093763
-0.000907	-0.209059	-3.377856	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.366810	17.080591	0.140877
0.000566	0.371326	21.167214	
0.25000	3.264973	48.684514	0.140877
0.000566	0.195837	101.752446	

0.50000	2.258440	90.074600	0.140877
0.000566	0.044389	133.259353	
0.75000	1.194826	129.056453	0.140877
0.000566	0.206464	100.228570	
1.00000	0.383018	171.273240	0.140877
0.000566	0.385865	17.462338	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.475214	-168.746611	-0.144336
-0.001098	-0.352030	-116.554519	
0.25000	-1.290813	-127.006129	-0.144336
-0.001098	-0.176333	-46.763342	
0.50000	-2.355690	-87.914930	-0.144336
-0.001098	-0.037763	-46.319518	
0.75000	-3.358478	-46.560849	-0.144336
-0.001098	-0.180007	-48.296082	
1.00000	-4.474542	-15.064940	-0.144336
-0.001098	-0.337011	-121.020609	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.484716	17.938933	0.174935
0.001119	0.460189	22.736384	
0.25000	3.358614	50.238853	0.174935
0.001119	0.242268	104.617495	
0.50000	2.329914	92.540451	0.174935
0.001119	0.047873	136.775275	
0.75000	1.242877	132.380780	0.174935
0.001119	0.229724	103.000420	
1.00000	0.413192	175.527286	0.174935
0.001119	0.433213	18.394674	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.495431	-172.581100	-0.163697
-0.001260	-0.401519	-120.920115	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-1.328990	-129.921390	-0.163697
-0.001260	-0.201856	-49.554033	
0.50000	-2.417319	-89.969306	-0.163697
-0.001260	-0.039387	-49.062503	
0.75000	-3.442191	-47.704506	-0.163697
-0.001260	-0.218905	-51.182202	
1.00000	-4.582834	-15.514979	-0.163697
-0.001260	-0.417921	-125.739408	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039710	0.629456	0.100140
0.000939	0.256758	1.615992	
0.25000	0.039240	0.637801	0.100140
0.000939	0.132023	1.424580	
0.50000	0.038708	0.656822	0.100140
0.000939	0.008526	1.313493	
0.75000	0.038219	0.677523	0.100140
0.000939	0.099488	1.254326	
1.00000	0.037998	0.695724	0.100140
0.000939	0.198224	1.196298	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038678	-0.186716	-0.079306
-0.000407	-0.196682	-6.009842	
0.25000	-0.038907	-0.168509	-0.079306
-0.000407	-0.098727	-6.277368	
0.50000	-0.039397	-0.147835	-0.079306
-0.000407	-0.001813	-6.631417	
0.75000	-0.039930	-0.128871	-0.079306
-0.000407	-0.117123	-7.063623	
1.00000	-0.040400	-0.120764	-0.079306
-0.000407	-0.241921	-7.542110	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.926888	16.955230	0.193371
0.001111	0.509420	16.796180	
0.25000	2.973855	33.879004	0.193371
0.001111	0.269773	67.818933	
0.50000	1.894281	72.451888	0.193371
0.001111	0.041115	95.678145	
0.75000	0.903958	114.433774	0.193371
0.001111	0.200854	66.222520	
1.00000	0.454869	151.345039	0.193371
0.001111	0.377569	14.880626	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465799	-149.243228	-0.142138
-0.000468	-0.345482	-99.086306	
0.25000	-0.930170	-112.318610	-0.142138
-0.000468	-0.181762	-44.942414	
0.50000	-1.923675	-70.390959	-0.142138
-0.000468	-0.037335	-46.039752	
0.75000	-3.004856	-31.932683	-0.142138
-0.000468	-0.239143	-47.460489	
1.00000	-3.957072	-15.491815	-0.142138
-0.000468	-0.465974	-105.378152	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.934605	17.549772	0.301574
0.001270	0.779188	18.389936	
0.25000	2.981290	34.478553	0.301574
0.001270	0.404637	69.038635	
0.50000	1.901396	73.062850	0.301574
0.001270	0.047191	96.609273	
0.75000	0.910780	115.057156	0.301574
0.001270	0.313041	67.091519	
1.00000	0.461559	151.979342	0.301574
0.001270	0.597450	15.821177	

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COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.503443	-149.443964	-0.228564
-0.001058	-0.556059	-103.133288	
0.25000	-0.967952	-112.508422	-0.228564
-0.001058	-0.284705	-49.155549	
0.50000	-1.961750	-70.568366	-0.228564
-0.001058	-0.038607	-50.493503	
0.75000	-3.043251	-32.098712	-0.228564
-0.001058	-0.373078	-52.232955	
1.00000	-3.995749	-15.652980	-0.228564
-0.001058	-0.734799	-110.529930	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006907	0.634510	0.176980
0.000455	0.442401	1.649879	
0.25000	0.006437	0.642855	0.176980
0.000455	0.221705	1.464658	
0.50000	0.005905	0.661875	0.176980
0.000455	0.009049	1.344630	
0.75000	0.005416	0.682576	0.176980
0.000455	0.178842	1.275091	
1.00000	0.005195	0.700777	0.176980
0.000455	0.351774	1.206678	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071022	-0.193323	-0.138824
-0.000997	-0.339602	-6.111481	
0.25000	-0.071251	-0.175116	-0.138824
-0.000997	-0.166691	-6.373442	
0.50000	-0.071741	-0.154442	-0.138824
-0.000997	-0.002022	-6.721700	
0.75000	-0.072274	-0.135478	-0.138824
-0.000997	-0.218103	-7.145404	
1.00000	-0.072744	-0.127371	-0.138824
-0.000997	-0.438660	-7.615400	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.885861	16.960415	0.285754
0.000526	0.732375	16.833240	
0.25000	2.932827	33.884189	0.285754
0.000526	0.377505	67.855144	
0.50000	1.853253	72.457074	0.285754
0.000526	0.041755	95.713871	
0.75000	0.862930	114.438959	0.285754
0.000526	0.301391	66.246941	
1.00000	0.413842	151.350225	0.285754
0.000526	0.572636	14.892968	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.499365	-149.249646	-0.217802
-0.001203	-0.527378	-99.210919	
0.25000	-0.963737	-112.325028	-0.217802
-0.001203	-0.269318	-45.059358	
0.50000	-1.957241	-70.397377	-0.217802
-0.001203	-0.037466	-46.149079	
0.75000	-3.038422	-31.939101	-0.217802
-0.001203	-0.360525	-47.561220	
1.00000	-3.990639	-15.498233	-0.217802
-0.001203	-0.702625	-105.469290	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.916426	17.552515	0.335158
0.001096	0.860573	18.408079	
0.25000	2.963111	34.481296	0.335158
0.001096	0.444147	69.063457	
0.50000	1.883217	73.065593	0.335158
0.001096	0.047620	96.624211	
0.75000	0.892601	115.059899	0.335158
0.001096	0.343012	67.105705	
1.00000	0.443380	151.982085	0.335158
0.001096	0.655558	15.830026	

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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.522140	-149.447372	-0.250988
-0.001323	-0.609893	-103.154854	
0.25000	-0.986649	-112.511829	-0.250988
-0.001323	-0.310675	-49.197272	
0.50000	-1.980447	-70.571774	-0.250988
-0.001323	-0.038597	-50.531993	
0.75000	-3.061948	-32.102120	-0.250988
-0.001323	-0.416797	-52.267094	
1.00000	-4.014446	-15.656387	-0.250988
-0.001323	-0.820534	-110.559870	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.497569	17.940843	0.174935
0.001240	0.460189	22.738657	
0.25000	3.371467	50.240762	0.174935
0.001240	0.242268	104.617495	
0.50000	2.342767	92.542360	0.174935
0.001240	0.047873	136.775275	
0.75000	1.255730	132.382689	0.174935
0.001240	0.229724	103.000420	
1.00000	0.426044	175.529195	0.174935
0.001240	0.433213	18.394674	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.495431	-172.581100	-0.163697
-0.001260	-0.401519	-120.920115	
0.25000	-1.328990	-129.921390	-0.163697
-0.001260	-0.201856	-49.554033	
0.50000	-2.417319	-89.969306	-0.163697
-0.001260	-0.039387	-49.062503	
0.75000	-3.442191	-47.704506	-0.163697
-0.001260	-0.218905	-51.182202	
1.00000	-4.582834	-15.514979	-0.163697
-0.001260	-0.417921	-125.739408	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.934605	17.552515	0.335158
0.001270	0.860573	18.408079	
0.25000	2.981290	34.481296	0.335158
0.001270	0.444147	69.063457	
0.50000	1.901396	73.065593	0.335158
0.001270	0.047620	96.624211	
0.75000	0.910780	115.059899	0.335158
0.001270	0.343012	67.105705	
1.00000	0.461559	151.982085	0.335158
0.001270	0.655558	15.830026	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.522140	-149.447372	-0.250988
-0.001323	-0.609893	-103.154854	
0.25000	-0.986649	-112.511829	-0.250988
-0.001323	-0.310675	-49.197272	
0.50000	-1.980447	-70.571774	-0.250988
-0.001323	-0.038607	-50.531993	
0.75000	-3.061948	-32.102120	-0.250988
-0.001323	-0.416797	-52.267094	
1.00000	-4.014446	-15.656387	-0.250988
-0.001323	-0.820534	-110.559870	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.497569	17.940843	0.335158
0.001270	0.860573	22.738657	
0.25000	3.371467	50.240762	0.335158
0.001270	0.444147	104.617495	
0.50000	2.342767	92.542360	0.335158
0.001270	0.047873	136.775275	
0.75000	1.255730	132.382689	0.335158
0.001270	0.343012	103.000420	
1.00000	0.461559	175.529195	0.335158
0.001270	0.655558	18.394674	

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COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.522140	-172.581100	-0.250988
-0.001323	-0.609893	-120.920115	
0.25000	-1.328990	-129.921390	-0.250988
-0.001323	-0.310675	-49.554033	
0.50000	-2.417319	-89.969306	-0.250988
-0.001323	-0.039387	-50.531993	
0.75000	-3.442191	-47.704506	-0.250988
-0.001323	-0.416797	-52.267094	
1.00000	-4.582834	-15.656387	-0.250988
-0.001323	-0.820534	-125.739408	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.497569	17.940843	0.335158
0.001270	0.860573	22.738657	
0.25000	3.371467	50.240762	0.335158
0.001270	0.444147	104.617495	
0.50000	2.342767	92.542360	0.335158
0.001270	0.047873	136.775275	
0.75000	1.255730	132.382689	0.335158
0.001270	0.343012	103.000420	
1.00000	0.461559	175.529195	0.335158
0.001270	0.655558	18.394674	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.522140	-172.581100	-0.250988
-0.001323	-0.609893	-120.920115	
0.25000	-1.328990	-129.921390	-0.250988
-0.001323	-0.310675	-49.554033	
0.50000	-2.417319	-89.969306	-0.250988
-0.001323	-0.039387	-50.531993	
0.75000	-3.442191	-47.704506	-0.250988
-0.001323	-0.416797	-52.267094	
1.00000	-4.582834	-15.656387	-0.250988
-0.001323	-0.820534	-125.739408	

ELEM 146 ========== LENGTH = 4.980337

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.042060	0.086240	0.044110
0.000441	0.114766	0.912148	
0.25000	0.041231	0.109844	0.044110
0.000441	0.059851	0.881217	
0.50000	0.040485	0.140833	0.044110
0.000441	0.004737	0.818864	
0.75000	0.039692	0.170121	0.044110
0.000441	0.060960	0.714325	
1.00000	0.039086	0.201376	0.044110
0.000441	0.122924	0.918955	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014112	-0.597435	-0.049704
-0.000830	-0.124614	-3.336189	
0.25000	-0.014716	-0.565854	-0.049704
-0.000830	-0.062656	-3.189566	
0.50000	-0.015508	-0.536640	-0.049704
-0.000830	-0.001045	-3.095856	
0.75000	-0.016257	-0.505626	-0.049704
-0.000830	-0.049935	-3.003760	
1.00000	-0.017073	-0.481948	-0.049704
-0.000830	-0.104863	-2.963706	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.443394	15.071427	0.088830
0.000519	0.250282	17.408067	
0.25000	3.336219	46.582944	0.088830
0.000519	0.139668	99.921965	
0.50000	2.339958	87.953868	0.088830
0.000519	0.044556	132.967386	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	1.281924	127.052670	0.088830
0.000519	0.141964	101.451605	
1.00000	0.472235	168.778609	0.088830
0.000519	0.263143	21.129426	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.377322	-171.178288	-0.097318
-0.001005	-0.230273	-121.026115	
0.25000	-1.183591	-129.017316	-0.097318
-0.001005	-0.124412	-48.518409	
0.50000	-2.240485	-90.016071	-0.097318
-0.001005	-0.037208	-46.609885	
0.75000	-3.240163	-48.612274	-0.097318
-0.001005	-0.106338	-46.829288	
1.00000	-4.329907	-17.002137	-0.097318
-0.001005	-0.207312	-116.458424	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.557334	15.519803	0.137370
0.001047	0.370096	18.355352	
0.25000	3.425777	47.725281	0.137370
0.001047	0.198977	102.626109	
0.50000	2.407575	90.007295	0.137370
0.001047	0.048392	136.338779	
0.75000	1.326241	129.967150	0.137370
0.001047	0.224960	104.357488	
1.00000	0.498720	172.611997	0.137370
0.001047	0.426442	22.670361	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.401713	-175.391927	-0.161786
-0.001222	-0.388265	-125.759186	
0.25000	-1.225738	-132.302466	-0.161786
-0.001222	-0.202491	-51.578992	
0.50000	-2.305907	-92.442317	-0.161786
-0.001222	-0.038714	-49.552907	
0.75000	-3.327601	-50.126706	-0.161786
-0.001222	-0.168377	-49.703011	
1.00000	-4.441344	-17.820435	-0.161786
-0.001222	-0.329576	-120.791788	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016124	0.093808	0.086655
0.000869	0.214677	0.945949	
0.25000	0.015295	0.117412	0.086655
0.000869	0.106692	0.905265	
0.50000	0.014549	0.148401	0.086655
0.000869	0.004696	0.833883	
0.75000	0.013756	0.177689	0.086655
0.000869	0.128923	0.719915	
1.00000	0.013150	0.208944	0.086655
0.000869	0.255227	0.914806	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.033872	-0.596283	-0.101387
-0.000476	-0.249773	-3.363990	
0.25000	-0.034476	-0.564702	-0.101387
-0.000476	-0.123523	-3.217911	
0.50000	-0.035268	-0.535488	-0.101387
-0.000476	-0.001216	-3.124751	
0.75000	-0.036017	-0.504474	-0.101387
-0.000476	-0.108981	-3.033205	
1.00000	-0.036833	-0.480796	-0.101387
-0.000476	-0.216887	-2.993699	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.416618	15.080237	0.135101
0.001051	0.357731	17.447223	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.309443	46.591754	0.135101
0.001051	0.189398	99.950105	
0.50000	2.313182	87.962678	0.135101
0.001051	0.044525	132.984543	
0.75000	1.255148	127.061480	0.135101
0.001051	0.229207	101.446752	
1.00000	0.445458	168.787419	0.135101
0.001051	0.433187	21.121455	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.399619	-171.175133	-0.163757
-0.000565	-0.391228	-121.057903	
0.25000	-1.205888	-129.014161	-0.163757
-0.000565	-0.202639	-48.550867	
0.50000	-2.262781	-90.012916	-0.163757
-0.000565	-0.037366	-46.643011	
0.75000	-3.262460	-48.609118	-0.163757
-0.000565	-0.171777	-46.863083	
1.00000	-4.352204	-16.998982	-0.163757
-0.000565	-0.330380	-116.493144	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.542180	15.528486	0.160070
0.001218	0.424425	18.370783	
0.25000	3.410622	47.733964	0.160070
0.001218	0.225028	102.637241	
0.50000	2.392420	90.015978	0.160070
0.001218	0.048394	136.345611	
0.75000	1.311086	129.975832	0.160070
0.001218	0.249990	104.366238	
1.00000	0.483565	172.620680	0.160070
0.001218	0.475271	22.670917	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411497	-175.390987	-0.180859
-0.001063	-0.434490	-125.772730	
0.25000	-1.235522	-132.301526	-0.180859
-0.001063	-0.224949	-51.592863	
0.50000	-2.315691	-92.441377	-0.180859
-0.001063	-0.038785	-49.566944	
0.75000	-3.337384	-50.125766	-0.180859
-0.001063	-0.198802	-49.716912	
1.00000	-4.451128	-17.819496	-0.180859
-0.001063	-0.388290	-120.805987	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.058056	0.114055	0.081327
0.000416	0.210613	1.182645	

0.25000	0.057590	0.122159	0.081327
0.000416	0.109215	1.088147	
0.50000	0.057060	0.141130	0.081327
0.000416	0.008114	1.006054	
0.75000	0.056573	0.161811	0.081327
0.000416	0.100246	0.977054	
1.00000	0.056347	0.180021	0.081327
0.000416	0.200144	1.146683	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023113	-0.729427	-0.080290
-0.000863	-0.199908	-7.523311	
0.25000	-0.023331	-0.711220	-0.080290
-0.000863	-0.099941	-6.790231	
0.50000	-0.023816	-0.690516	-0.080290
-0.000863	-0.001240	-6.113714	
0.75000	-0.024344	-0.671489	-0.080290
-0.000863	-0.092854	-5.515440	
1.00000	-0.024811	-0.663173	-0.080290
-0.000863	-0.194265	-5.004225	

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COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.972039	15.511078	0.161808
0.000471	0.435013	14.861135	
0.25000	3.026142	31.945177	0.161808
0.000471	0.233333	65.929082	
0.50000	1.951741	70.419192	0.161808
0.000471	0.040339	95.156452	
0.75000	0.964110	112.360071	0.161808
0.000471	0.211669	67.161439	
1.00000	0.504889	149.288429	0.161808
0.000471	0.400831	15.946540	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411841	-151.471244	-0.152978
-0.001021	-0.372997	-105.424294	
0.25000	-0.854826	-114.548276	-0.152978
-0.001021	-0.197903	-46.947895	
0.50000	-1.837904	-72.560488	-0.152978
-0.001021	-0.036524	-45.155847	
0.75000	-2.910080	-33.973744	-0.152978
-0.001021	-0.197363	-43.613694	
1.00000	-3.855748	-17.109542	-0.152978
-0.001021	-0.384325	-97.382515	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.995453	15.692532	0.267776
0.001006	0.700439	15.811791	
0.25000	3.049276	32.131494	0.267776
0.001006	0.366655	66.722026	
0.50000	1.974558	70.616891	0.267776
0.001006	0.046024	95.887296	
0.75000	0.986634	112.570179	0.267776
0.001006	0.333351	68.119848	
1.00000	0.527277	149.509463	0.267776
0.001006	0.641553	17.155059	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.433576	-152.138579	-0.248467
-0.001202	-0.607896	-110.599147	
0.25000	-0.876692	-115.204687	-0.248467
-0.001202	-0.313742	-51.570916	
0.50000	-1.860061	-73.204477	-0.248467
-0.001202	-0.037569	-49.346443	
0.75000	-2.932554	-34.606317	-0.248467
-0.001202	-0.327191	-47.435694	
1.00000	-3.878502	-17.737125	-0.248467
-0.001202	-0.646281	-100.876133	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020418	0.125802	0.171106
0.000918	0.429442	1.232936	
0.25000	0.019951	0.133906	0.171106
0.000918	0.216173	1.125116	
0.50000	0.019421	0.152877	0.171106
0.000918	0.008212	1.029922	
0.75000	0.018934	0.173558	0.171106
0.000918	0.191882	0.986199	
1.00000	0.018708	0.191767	0.171106
0.000918	0.380110	1.141445	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.045241	-0.737238	-0.151122
-0.000463	-0.372522	-7.628607	
0.25000	-0.045460	-0.719031	-0.151122
-0.000463	-0.184276	-6.882421	
0.50000	-0.045944	-0.698327	-0.151122
-0.000463	-0.001558	-6.192611	
0.75000	-0.046473	-0.679300	-0.151122
-0.000463	-0.208978	-5.580767	
1.00000	-0.046939	-0.670984	-0.151122
-0.000463	-0.422288	-5.055860	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.930471	15.521872	0.270051
0.001086	0.698631	14.920435	
0.25000	2.984574	31.955972	0.270051
0.001086	0.362046	65.972628	
0.50000	1.910174	70.429986	0.270051
0.001086	0.040521	95.183765	
0.75000	0.922542	112.370865	0.270051
0.001086	0.327042	67.166422	
1.00000	0.463321	149.299224	0.270051
0.001086	0.628209	15.935663	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.436494	-151.479904	-0.242441
-0.000524	-0.591267	-105.553171	
0.25000	-0.879478	-114.556936	-0.242441
-0.000524	-0.304368	-47.062734	
0.50000	-1.862556	-72.569148	-0.242441
-0.000524	-0.036634	-45.255802	
0.75000	-2.934732	-33.982404	-0.242441
-0.000524	-0.337565	-43.697881	
1.00000	-3.880400	-17.118202	-0.242441
-0.000524	-0.659446	-97.450619	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.976208	15.697469	0.306608
0.001214	0.795344	15.842958	
0.25000	3.030032	32.136431	0.306608
0.001214	0.413156	66.745369	
0.50000	1.955313	70.621828	0.306608
0.001214	0.045902	95.903472	
0.75000	0.967389	112.575116	0.306608
0.001214	0.368188	68.125157	
1.00000	0.508033	149.514400	0.306608
0.001214	0.710401	17.154685	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.445088	-152.142302	-0.275503
-0.001031	-0.673850	-110.643429	
0.25000	-0.888203	-115.208410	-0.275503
-0.001031	-0.345849	-51.600059	
0.50000	-1.871572	-73.208200	-0.275503
-0.001031	-0.037500	-49.306581	
0.75000	-2.944066	-34.610040	-0.275503
-0.001031	-0.377235	-47.330513	
1.00000	-3.890013	-17.740848	-0.275503
-0.001031	-0.744731	-100.713072	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.557334	15.528486	0.160070
0.001218	0.424425	18.370783	
0.25000	3.425777	47.733964	0.160070
0.001218	0.225028	102.637241	
0.50000	2.407575	90.015978	0.160070
0.001218	0.048394	136.345611	
0.75000	1.326241	129.975832	0.160070
0.001218	0.249990	104.366238	
1.00000	0.498720	172.620680	0.160070
0.001218	0.475271	22.670917	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411497	-175.391927	-0.180859
-0.001222	-0.434490	-125.772730	
0.25000	-1.235522	-132.302466	-0.180859
-0.001222	-0.224949	-51.592863	
0.50000	-2.315691	-92.442317	-0.180859
-0.001222	-0.038785	-49.566944	
0.75000	-3.337384	-50.126706	-0.180859
-0.001222	-0.198802	-49.716912	
1.00000	-4.451128	-17.820435	-0.180859
-0.001222	-0.388290	-120.805987	

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COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.995453	15.697469	0.306608
0.001214	0.795344	15.842958	
0.25000	3.049276	32.136431	0.306608
0.001214	0.413156	66.745369	
0.50000	1.974558	70.621828	0.306608
0.001214	0.046024	95.903472	
0.75000	0.986634	112.575116	0.306608
0.001214	0.368188	68.125157	
1.00000	0.527277	149.514400	0.306608
0.001214	0.710401	17.155059	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.445088	-152.142302	-0.275503
-0.001202	-0.673850	-110.643429	
0.25000	-0.888203	-115.208410	-0.275503
-0.001202	-0.345849	-51.600059	
0.50000	-1.871572	-73.208200	-0.275503
-0.001202	-0.037569	-49.346443	
0.75000	-2.944066	-34.610040	-0.275503
-0.001202	-0.377235	-47.435694	
1.00000	-3.890013	-17.740848	-0.275503
-0.001202	-0.744731	-100.876133	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.557334	15.697469	0.306608
0.001218	0.795344	18.370783	
0.25000	3.425777	47.733964	0.306608
0.001218	0.413156	102.637241	
0.50000	2.407575	90.015978	0.306608
0.001218	0.048394	136.345611	
0.75000	1.326241	129.975832	0.306608
0.001218	0.368188	104.366238	
1.00000	0.527277	172.620680	0.306608
0.001218	0.710401	22.670917	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.445088	-175.391927	-0.275503
-0.001222	-0.673850	-125.772730	
0.25000	-1.235522	-132.302466	-0.275503
-0.001222	-0.345849	-51.600059	
0.50000	-2.315691	-92.442317	-0.275503
-0.001222	-0.038785	-49.566944	
0.75000	-3.337384	-50.126706	-0.275503
-0.001222	-0.377235	-49.716912	
1.00000	-4.451128	-17.820435	-0.275503
-0.001222	-0.744731	-120.805987	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.557334	15.697469	0.306608
0.001218	0.795344	18.370783	
0.25000	3.425777	47.733964	0.306608
0.001218	0.413156	102.637241	
0.50000	2.407575	90.015978	0.306608
0.001218	0.048394	136.345611	
0.75000	1.326241	129.975832	0.306608
0.001218	0.368188	104.366238	
1.00000	0.527277	172.620680	0.306608
0.001218	0.710401	22.670917	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.445088	-175.391927	-0.275503
-0.001222	-0.673850	-125.772730	
0.25000	-1.235522	-132.302466	-0.275503
-0.001222	-0.345849	-51.600059	
0.50000	-2.315691	-92.442317	-0.275503
-0.001222	-0.038785	-49.566944	
0.75000	-3.337384	-50.126706	-0.275503
-0.001222	-0.377235	-49.716912	
1.00000	-4.451128	-17.820435	-0.275503
-0.001222	-0.744731	-120.805987	

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ELEM 147 ========== LENGTH = 4.981108

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034481	0.078360	0.036295
1.05E-05	0.090915	0.915814	
0.25000	0.033640	0.101872	0.036295
1.05E-05	0.045708	1.263570	
0.50000	0.032892	0.132722	0.036295
1.05E-05	0.004486	1.707435	
0.75000	0.032100	0.161878	0.036295
1.05E-05	0.059671	2.205194	
1.00000	0.031493	0.193492	0.036295
1.05E-05	0.119885	2.718801	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013652	-0.653117	-0.048293
-0.001030	-0.120666	-2.953820	
0.25000	-0.014258	-0.621341	-0.048293
-0.001030	-0.060464	-2.960245	
0.50000	-0.015050	-0.592234	-0.048293
-0.001030	-0.002633	-3.018822	
0.75000	-0.015799	-0.561365	-0.048293
-0.001030	-0.044683	-3.078925	
1.00000	-0.016635	-0.537799	-0.048293
-0.001030	-0.089887	-3.190659	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.441292	15.646238	0.065705
3.91E-07	0.186601	21.085551	
0.25000	3.319334	47.033722	0.065705
3.91E-07	0.106770	102.958804	
0.50000	2.320084	88.218911	0.065705
3.91E-07	0.042328	135.650861	
0.75000	1.262254	127.141836	0.065705
3.91E-07	0.146927	104.368144	
1.00000	0.452436	169.346968	0.065705
3.91E-07	0.273970	23.653151	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.399764	-170.414359	-0.102017
-0.001239	-0.243696	-116.490860	
0.25000	-1.208754	-127.993514	-0.102017
-0.001239	-0.134438	-45.976523	
0.50000	-2.266308	-89.136197	-0.102017
-0.001239	-0.041218	-45.079424	
0.75000	-3.266329	-47.926285	-0.102017
-0.001239	-0.080536	-46.220014	
1.00000	-4.382313	-16.464632	-0.102017
-0.001239	-0.154459	-116.288249	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.567374	16.130430	0.117199
0.000713	0.314064	22.617167	
0.25000	3.420708	48.209144	0.117199
0.000713	0.170134	106.385896	
0.50000	2.399452	90.301333	0.117199
0.000713	0.045969	139.991722	
0.75000	1.318326	130.081437	0.117199
0.000713	0.233875	108.357381	
1.00000	0.490674	173.216031	0.117199
0.000713	0.446524	26.290628	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.417234	-174.623152	-0.170731
-0.001110	-0.413629	-120.819152	
0.25000	-1.244040	-131.268095	-0.170731
-0.001110	-0.219108	-48.790000	
0.50000	-2.324884	-91.555044	-0.170731
-0.001110	-0.044109	-47.911335	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	-3.346928	-49.437587	-0.170731
-0.001110	-0.145907	-49.115280	
1.00000	-4.487489	-17.283071	-0.170731
-0.001110	-0.284379	-120.764827	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.035094	0.085431	0.088934
0.001070	0.220850	0.907980	
0.25000	0.034254	0.108943	0.088934
0.001070	0.110074	1.252214	
0.50000	0.033505	0.139793	0.088934
0.001070	0.004521	1.693732	
0.75000	0.032713	0.168949	0.088934
0.001070	0.133656	2.190017	
1.00000	0.032106	0.200563	0.088934
0.001070	0.266282	2.700679	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020454	-0.652054	-0.106448
-1.02E-05	-0.263958	-2.982800	
0.25000	-0.021060	-0.620279	-0.106448
-1.02E-05	-0.131351	-2.990624	
0.50000	-0.021852	-0.591172	-0.106448
-1.02E-05	-0.002542	-3.050596	
0.75000	-0.022601	-0.560303	-0.106448
-1.02E-05	-0.111325	-3.112094	
1.00000	-0.023437	-0.536736	-0.106448
-1.02E-05	-0.222110	-3.225223	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.445888	15.654452	0.129397
0.001289	0.338405	21.074554	
0.25000	3.323931	47.041936	0.129397
0.001289	0.179224	102.941266	
0.50000	2.324681	88.227125	0.129397
0.001289	0.042367	135.628677	
0.75000	1.266850	127.150050	0.129397
0.001289	0.241699	104.344576	
1.00000	0.457033	169.355183	0.129397
0.001289	0.461595	23.626430	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.407154	-170.411330	-0.176548
-3.76E-07	-0.427356	-116.524360	
0.25000	-1.216144	-127.990485	-0.176548
-3.76E-07	-0.225216	-46.011568	
0.50000	-2.273698	-89.133168	-0.176548
-3.76E-07	-0.041191	-45.116014	
0.75000	-3.273718	-47.923256	-0.176548
-3.76E-07	-0.164133	-46.258158	
1.00000	-4.389703	-16.461603	-0.176548
-3.76E-07	-0.320056	-116.328028	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.564333	16.139658	0.145048
0.001149	0.381491	22.616201	
0.25000	3.417667	48.218372	0.145048
0.001149	0.202850	106.385356	
0.50000	2.396411	90.310561	0.145048
0.001149	0.045988	139.990816	
0.75000	1.315285	130.090665	0.145048
0.001149	0.261348	108.354956	
1.00000	0.487633	173.225259	0.145048
0.001149	0.500897	26.286973	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.420766	-174.622647	-0.192322
-0.000691	-0.466823	-120.832914	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-1.247572	-131.267590	-0.192322
-0.000691	-0.245425	-48.804489	
0.50000	-2.328416	-91.554539	-0.192322
-0.000691	-0.044255	-47.926445	
0.75000	-3.350460	-49.437083	-0.192322
-0.000691	-0.179803	-49.130965	
1.00000	-4.491021	-17.282567	-0.192322
-0.000691	-0.355141	-120.781164	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040824	0.152025	0.065237
1.03E-05	0.167930	1.134429	
0.25000	0.040356	0.160391	0.065237
1.03E-05	0.086496	1.280242	
0.50000	0.039826	0.179309	0.065237
1.03E-05	0.006110	1.534072	
0.75000	0.039339	0.199918	0.065237
1.03E-05	0.096252	1.870821	
1.00000	0.039106	0.218069	0.065237
1.03E-05	0.193416	2.269305	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026820	-0.653171	-0.078259
-0.001086	-0.196591	-4.990147	
0.25000	-0.027051	-0.635037	-0.078259
-0.001086	-0.099300	-4.665353	
0.50000	-0.027537	-0.614423	-0.078259
-0.001086	-0.002499	-4.453200	
0.75000	-0.028067	-0.595487	-0.078259
-0.001086	-0.075308	-4.314953	
1.00000	-0.028534	-0.586985	-0.078259
-0.001086	-0.156756	-4.263970	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.950540	15.595959	0.128544
2.40E-07	0.350320	15.925615	
0.25000	3.001915	32.561838	0.128544
2.40E-07	0.190045	67.676093	
0.50000	1.926652	70.928181	0.128544
2.40E-07	0.034946	96.710966	
0.75000	0.939064	112.722012	0.128544
2.40E-07	0.209572	68.732686	
1.00000	0.467149	149.532386	0.128544
2.40E-07	0.399984	17.013741	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.416338	-150.387962	-0.155300
-0.001258	-0.387217	-97.414328	
0.25000	-0.883600	-113.613551	-0.155300
-0.001258	-0.207882	-41.411309	
0.50000	-1.869470	-71.807282	-0.155300
-0.001258	-0.039466	-41.112773	
0.75000	-2.943763	-33.405328	-0.155300
-0.001258	-0.159490	-41.013179	
1.00000	-3.891851	-16.164117	-0.155300
-0.001258	-0.305362	-95.910999	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.987837	15.822194	0.230108
0.000712	0.605187	17.144203	
0.25000	3.038931	32.793093	0.230108

0.000712 0.318247 68.819174
0.50000 1.963350 71.170786 0.230108
0.000712 0.038980 97.891774
0.75000 0.975470 112.976983 0.230108
0.000712 0.334072 70.223919
1.00000 0.503415 149.798247 0.230108
0.000712 0.648864 18.849102
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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.429327	-150.950074	-0.255110
-0.001147	-0.635435	-100.921169	
0.25000	-0.896727	-114.164783	-0.255110
-0.001147	-0.331724	-44.757778	
0.50000	-1.882888	-72.346145	-0.255110
-0.001147	-0.041430	-44.369163	
0.75000	-2.957500	-33.932830	-0.255110
-0.001147	-0.283095	-44.221387	
1.00000	-3.905868	-16.686518	-0.255110
-0.001147	-0.555738	-98.935795	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.040318	0.163763	0.162374
0.001148	0.408236	1.159488	
0.25000	0.039850	0.172129	0.162374
0.001148	0.205744	1.294008	
0.50000	0.039320	0.191048	0.162374
0.001148	0.006277	1.535766	
0.75000	0.038833	0.211656	0.162374
0.001148	0.195474	1.859611	
1.00000	0.038600	0.229807	0.162374
0.001148	0.390690	2.248351	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029934	-0.657575	-0.156760
-9.79E-06	-0.390133	-5.073934	
0.25000	-0.030165	-0.639442	-0.156760
-9.79E-06	-0.194861	-4.741130	
0.50000	-0.030651	-0.618827	-0.156760
-9.79E-06	-0.002563	-4.520557	
0.75000	-0.031180	-0.599891	-0.156760
-9.79E-06	-0.197559	-4.374099	
1.00000	-0.031648	-0.591390	-0.156760
-9.79E-06	-0.400113	-4.317736	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.953071	15.605977	0.248346
0.001358	0.644970	15.951155	
0.25000	3.004446	32.571857	0.248346
0.001358	0.335178	67.689342	
0.50000	1.929183	70.938199	0.248346
0.001358	0.035133	96.709604	
0.75000	0.941595	112.732030	0.248346
0.001358	0.334146	68.715418	
1.00000	0.469680	149.542404	0.248346
0.001358	0.648191	16.982661	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.418226	-150.392137	-0.254080
-2.27E-07	-0.630761	-97.520613	
0.25000	-0.885488	-113.617725	-0.254080
-2.27E-07	-0.327939	-41.508869	
0.50000	-1.871358	-71.811456	-0.254080
-2.27E-07	-0.039570	-41.201290	
0.75000	-2.945651	-33.409502	-0.254080
-2.27E-07	-0.310279	-41.092954	
1.00000	-3.893739	-16.168291	-0.254080
-2.27E-07	-0.605576	-95.982410	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.984892	15.826591	0.272423
0.001214	0.709798	17.157435	
0.25000	3.035986	32.797490	0.272423
0.001214	0.369953	68.828508	
0.50000	1.960404	71.175183	0.272423
0.001214	0.039060	97.895669	
0.75000	0.972524	112.981380	0.272423
0.001214	0.372013	70.222562	
1.00000	0.500469	149.802644	0.272423
0.001214	0.724768	18.843452	
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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.433692	-150.952719	-0.285344
-0.000687	-0.709890	-100.778438	
0.25000	-0.901092	-114.167428	-0.285344
-0.000687	-0.368371	-44.548742	
0.50000	-1.887253	-72.348790	-0.285344
-0.000687	-0.041526	-44.101064	
0.75000	-2.961865	-33.935475	-0.285344
-0.000687	-0.335080	-43.901827	
1.00000	-3.910233	-16.689162	-0.285344
-0.000687	-0.660483	-98.750403	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.567374	16.139658	0.145048
0.001289	0.381491	22.617167	
0.25000	3.420708	48.218372	0.145048
0.001289	0.202850	106.385896	
0.50000	2.399452	90.310561	0.145048
0.001289	0.045988	139.991722	
0.75000	1.318326	130.090665	0.145048
0.001289	0.261348	108.357381	
1.00000	0.490674	173.225259	0.145048
0.001289	0.500897	26.290628	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.420766	-174.623152	-0.192322
-0.001239	-0.466823	-120.832914	
0.25000	-1.247572	-131.268095	-0.192322
-0.001239	-0.245425	-48.804489	
0.50000	-2.328416	-91.555044	-0.192322
-0.001239	-0.044255	-47.926445	
0.75000	-3.350460	-49.437587	-0.192322
-0.001239	-0.179803	-49.130965	
1.00000	-4.491021	-17.283071	-0.192322
-0.001239	-0.355141	-120.781164	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.967837	15.826591	0.272423
0.001358	0.709798	17.157435	
0.25000	3.038931	32.797490	0.272423
0.001358	0.369953	68.828508	
0.50000	1.963350	71.175183	0.272423
0.001358	0.039060	97.895669	
0.75000	0.975470	112.981380	0.272423
0.001358	0.372013	70.223919	
1.00000	0.503415	149.802644	0.272423
0.001358	0.724768	18.849102	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.433692	-150.952719	-0.285344
-0.001258	-0.709890	-100.921169	
0.25000	-0.901092	-114.167428	-0.285344
-0.001258	-0.368371	-44.757778	
0.50000	-1.887253	-72.348790	-0.285344
-0.001258	-0.041526	-44.369163	
0.75000	-2.961865	-33.935475	-0.285344
-0.001258	-0.335080	-44.221387	
1.00000	-3.910233	-16.689162	-0.285344
-0.001258	-0.660483	-98.935795	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.567374	16.139658	0.272423
0.001358	0.709798	22.617167	
0.25000	3.420708	48.218372	0.272423
0.001358	0.369953	106.385896	
0.50000	2.399452	90.310561	0.272423
0.001358	0.045988	139.991722	
0.75000	1.318326	130.090665	0.272423
0.001358	0.372013	108.357381	
1.00000	0.503415	173.225259	0.272423
0.001358	0.724768	26.290628	
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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.433692	-174.623152	-0.285344
-0.001258	-0.709890	-120.832914	
0.25000	-1.247572	-131.268095	-0.285344
-0.001258	-0.368371	-48.804489	
0.50000	-2.328416	-91.555044	-0.285344
-0.001258	-0.044255	-47.926445	
0.75000	-3.350460	-49.437587	-0.285344
-0.001258	-0.335080	-49.130965	
1.00000	-4.491021	-17.283071	-0.285344
-0.001258	-0.660483	-120.781164	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.567374	16.139658	0.272423
0.001358	0.709798	22.617167	
0.25000	3.420708	48.218372	0.272423
0.001358	0.369953	106.385896	
0.50000	2.399452	90.310561	0.272423
0.001358	0.045988	139.991722	
0.75000	1.318326	130.090665	0.272423
0.001358	0.372013	108.357381	
1.00000	0.503415	173.225259	0.272423
0.001358	0.724768	26.290628	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.433692	-174.623152	-0.285344
-0.001258	-0.709890	-120.832914	
0.25000	-1.247572	-131.268095	-0.285344
-0.001258	-0.368371	-48.804489	
0.50000	-2.328416	-91.555044	-0.285344
-0.001258	-0.044255	-47.926445	
0.75000	-3.350460	-49.437587	-0.285344
-0.001258	-0.335080	-49.130965	
1.00000	-4.491021	-17.283071	-0.285344
-0.001258	-0.660483	-120.781164	

ELEM 148 ========== LENGTH = 4.980896

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.031817	0.127863	0.036144
1.04E-05	0.089734	2.713582	
0.25000	0.030982	0.151382	0.036144
1.04E-05	0.044718	3.237775	
0.50000	0.030240	0.182208	0.036144
1.04E-05	0.005040	3.901171	
0.75000	0.029453	0.211331	0.036144
1.04E-05	0.060034	4.645303	
1.00000	0.028852	0.242983	0.036144
1.04E-05	0.120042	5.421483	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018727	-0.874330	-0.048130
-0.000978	-0.119691	-3.184051	
0.25000	-0.019328	-0.842579	-0.048130
-0.000978	-0.059693	-3.236759	
0.50000	-0.020114	-0.813470	-0.048130
-0.000978	-0.006635	-3.341269	
0.75000	-0.020857	-0.782639	-0.048130
-0.000978	-0.045304	-3.447453	
1.00000	-0.021687	-0.759104	-0.048130
-0.000978	-0.090305	-3.605182	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.407223	15.585792	0.055915
3.83E-07	0.156947	23.645070	
0.25000	3.293124	46.983251	0.055915
3.83E-07	0.088289	105.883290	
0.50000	2.301519	88.135860	0.055915
3.83E-07	0.041408	139.429415	
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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.251847	127.016010	0.055915
3.83E-07	0.146328	108.785203	
1.00000	0.448829	169.271082	0.055915
3.83E-07	0.273802	28.658340	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.399850	-170.873994	-0.102377
-0.001181	-0.254228	-116.284074	
0.25000	-1.202302	-128.486345	-0.102377
-0.001181	-0.138786	-45.819056	
0.50000	-2.251786	-89.626794	-0.102377
-0.001181	-0.047964	-44.509437	
0.75000	-3.243855	-48.466895	-0.102377
-0.001181	-0.075405	-45.435755	
1.00000	-4.351762	-17.047566	-0.102377
-0.001181	-0.136186	-115.174236	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.544594	16.033053	0.108444
0.000687	0.288191	26.274338	
0.25000	3.405959	48.121961	0.108444
0.000687	0.154129	110.553978	
0.50000	2.392517	90.180853	0.108444
0.000687	0.045423	145.176899	
0.75000	1.319728	129.917239	0.108444
0.000687	0.232078	114.354038	
1.00000	0.499026	173.102872	0.108444
0.000687	0.445724	33.081332	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411197	-175.264030	-0.171526
-0.001052	-0.427153	-120.755349	
0.25000	-1.231321	-131.942900	-0.171526
-0.001052	-0.225821	-48.805770	
0.50000	-2.303917	-92.227566	-0.171526
-0.001052	-0.053197	-47.534564	
0.75000	-3.317834	-50.161224	-0.171526
-0.001052	-0.140861	-48.548534	
1.00000	-4.450140	-18.049964	-0.171526
-0.001052	-0.266872	-119.890082	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.052114	0.135766	0.089933
0.001015	0.223981	2.687598	
0.25000	0.051280	0.159284	0.089933
0.001015	0.111974	3.209676	
0.50000	0.050537	0.190110	0.089933
0.001015	0.005148	3.872454	
0.75000	0.049751	0.219234	0.089933
0.001015	0.132421	4.617189	
1.00000	0.049149	0.250886	0.089933
0.001015	0.265855	5.391979	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008342	-0.874305	-0.107139
-9.96E-06	-0.267886	-3.217301	
0.25000	-0.008943	-0.842554	-0.107139
-9.96E-06	-0.134417	-3.274784	
0.50000	-0.009729	-0.813446	-0.107139
-9.96E-06	-0.006332	-3.384069	
0.75000	-0.010472	-0.782615	-0.107139
-9.96E-06	-0.111935	-3.495028	
1.00000	-0.011302	-0.759080	-0.107139
-9.96E-06	-0.223937	-3.657532	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.435327	15.594962	0.123541
0.001228	0.325601	23.609350	
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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.321227	46.992421	0.123541
0.001228	0.172707	105.844721	
0.50000	2.329622	88.145030	0.123541
0.001228	0.041541	139.389023	
0.75000	1.279950	127.025179	0.123541
0.001228	0.238922	108.746261	
1.00000	0.476932	169.280251	0.123541
0.001228	0.460543	28.618514	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.386833	-170.872443	-0.177910
-3.69E-07	-0.443856	-116.322278	
0.25000	-1.189285	-128.484794	-0.177910
-3.69E-07	-0.234269	-45.862863	
0.50000	-2.238769	-89.625243	-0.177910
-3.69E-07	-0.047672	-44.558849	
0.75000	-3.230838	-48.465344	-0.177910
-3.69E-07	-0.159320	-45.490770	
1.00000	-4.338745	-17.046015	-0.177910
-3.69E-07	-0.304321	-115.234854	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.549958	16.043357	0.129801
0.001094	0.345706	26.266873	
0.25000	3.411323	48.132265	0.129801
0.001094	0.185023	110.546920	
0.50000	2.397881	90.191157	0.129801
0.001094	0.045478	145.169918	
0.75000	1.325092	129.927543	0.129801
0.001094	0.259239	114.345681	
1.00000	0.504390	173.113176	0.129801
0.001094	0.500509	33.072225	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.407405	-175.264009	-0.193681
-0.000666	-0.482831	-120.771090	
0.25000	-1.227529	-131.942879	-0.193681
-0.000666	-0.253860	-48.823719	
0.50000	-2.300125	-92.227545	-0.193681
-0.000666	-0.053034	-47.554720	
0.75000	-3.314042	-50.161203	-0.193681
-0.000666	-0.166535	-48.570898	
1.00000	-4.446348	-18.049943	-0.193681
-0.000666	-0.318363	-119.914654	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.033507	0.260795	0.052649
9.83E-06	0.136126	2.253947	
0.25000	0.033043	0.269214	0.052649
9.83E-06	0.070463	2.746743	
0.50000	0.032517	0.288120	0.052649
9.83E-06	0.006650	3.458894	
0.75000	0.032034	0.308705	0.052649
9.83E-06	0.086747	4.281659	
1.00000	0.031802	0.326835	0.052649
9.83E-06	0.176291	5.114350	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036078	-0.877784	-0.072078
-0.000983	-0.183010	-4.249619	
0.25000	-0.036307	-0.859647	-0.072078
-0.000983	-0.093503	-4.214211	
0.50000	-0.036789	-0.839045	-0.072078
-0.000983	-0.007424	-4.435516	
0.75000	-0.037315	-0.820128	-0.072078
-0.000983	-0.059994	-4.754354	
1.00000	-0.037779	-0.811658	-0.072078
-0.000983	-0.125737	-5.102368	
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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.914020	15.539245	0.102724
2.28E-07	0.284492	16.995747	
0.25000	2.972862	32.611973	0.102724
2.28E-07	0.156277	69.976635	
0.50000	1.905805	70.953149	0.102724
2.28E-07	0.034252	99.844199	
0.75000	0.925635	112.699227	0.102724
2.28E-07	0.191923	72.787673	
1.00000	0.456584	149.466737	0.102724
2.28E-07	0.368315	21.684289	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.416750	-150.797967	-0.145062
-0.001142	-0.369411	-95.897665	
0.25000	-0.881946	-114.016217	-0.145062
-0.001142	-0.201487	-40.269487	
0.50000	-1.860177	-72.234643	-0.145062
-0.001142	-0.047327	-40.280907	
0.75000	-2.926051	-33.871923	-0.145062
-0.001142	-0.128325	-40.570238	
1.00000	-3.866043	-16.693946	-0.145062
-0.001142	-0.240643	-95.593837	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.964384	15.804833	0.197250
0.000641	0.523453	18.836342	
0.25000	3.022947	32.882612	0.197250
0.000641	0.277186	71.965227	
0.50000	1.955575	71.235132	0.197250
0.000641	0.038572	102.185808	
0.75000	0.975115	112.993560	0.197250
0.000641	0.310703	75.805079	
1.00000	0.505925	149.771949	0.197250
0.000641	0.608632	25.384222	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.420781	-151.530745	-0.242631
-0.001020	-0.615013	-98.926139	
0.25000	-0.886114	-114.738113	-0.242631
-0.001020	-0.325520	-43.493700	
0.50000	-1.864635	-72.944177	-0.242631
-0.001020	-0.051493	-43.649696	
0.75000	-2.930824	-34.570108	-0.242631
-0.001020	-0.241740	-43.940252	
1.00000	-3.871094	-17.387048	-0.242631
-0.001020	-0.472141	-99.178352	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.057742	0.277312	0.151210
0.001038	0.382005	2.253319	
0.25000	0.057278	0.285730	0.151210
0.001038	0.193470	2.730273	
0.50000	0.056752	0.304636	0.151210
0.001038	0.006741	3.431615	
0.75000	0.056269	0.325221	0.151210
0.001038	0.187071	4.260420	
1.00000	0.056037	0.343351	0.151210
0.001038	0.378008	5.101138	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015625	-0.883414	-0.153340
-9.30E-06	-0.385829	-4.328426	
0.25000	-0.015855	-0.865277	-0.153340
-9.30E-06	-0.194859	-4.282121	
0.50000	-0.016337	-0.844674	-0.153340
-9.30E-06	-0.006706	-4.496485	
0.75000	-0.016863	-0.825758	-0.153340
-9.30E-06	-0.181942	-4.838325	
1.00000	-0.017326	-0.817288	-0.153340
-9.30E-06	-0.370583	-5.207168	
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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.946750	15.558233	0.224457
0.001207	0.588021	16.989700	
0.25000	3.005592	32.630961	0.224457
0.001207	0.308022	69.953881	
0.50000	1.938535	70.972136	0.224457
0.001207	0.034429	99.808902	
0.75000	0.958365	112.718214	0.224457
0.001207	0.317728	72.759568	
1.00000	0.489314	149.485725	0.224457
0.001207	0.621773	21.664237	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.391361	-150.804119	-0.247177
-2.16E-07	-0.624132	-95.999474	
0.25000	-0.856557	-114.022369	-0.247177
-2.16E-07	-0.328551	-40.359508	
0.50000	-1.834788	-72.240795	-0.247177
-2.16E-07	-0.046480	-40.364964	
0.75000	-2.900662	-33.878075	-0.247177
-2.16E-07	-0.278991	-40.678478	
1.00000	-3.840654	-16.700097	-0.247177
-2.16E-07	-0.543097	-95.726408	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.972217	15.815895	0.237179
0.001078	0.623927	18.839450	
0.25000	3.030781	32.893674	0.237179
0.001078	0.328336	71.961119	
0.50000	1.963408	71.246193	0.237179
0.001078	0.038654	102.176273	
0.75000	0.982948	113.004622	0.237179
0.001078	0.349166	75.798283	
1.00000	0.513758	149.783011	0.237179
0.001078	0.686598	25.380502	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.413308	-151.533896	-0.274108
-0.000619	-0.693443	-98.757110	
0.25000	-0.878642	-114.741264	-0.274108
-0.000619	-0.364462	-43.080902	
0.50000	-1.857162	-72.947329	-0.274108
-0.000619	-0.051065	-43.219935	
0.75000	-2.923351	-34.573259	-0.274108
-0.000619	-0.291098	-43.739352	
1.00000	-3.863621	-17.390199	-0.274108
-0.000619	-0.571221	-99.009587	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.549958	16.043357	0.129801
0.001228	0.345706	26.274338	
0.25000	3.411323	48.132265	0.129801
0.001228	0.185023	110.553978	
0.50000	2.397881	90.191157	0.129801
0.001228	0.045478	145.176899	
0.75000	1.325092	129.927543	0.129801
0.001228	0.259239	114.354038	
1.00000	0.504390	173.113176	0.129801
0.001228	0.500509	33.081332	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411197	-175.264030	-0.193681
-0.001181	-0.482831	-120.771090	
0.25000	-1.231321	-131.942900	-0.193681
-0.001181	-0.253860	-48.823719	
0.50000	-2.303917	-92.227566	-0.193681
-0.001181	-0.053197	-47.554720	
0.75000	-3.317834	-50.161224	-0.193681
-0.001181	-0.166535	-48.570898	
1.00000	-4.450140	-18.049964	-0.193681
-0.001181	-0.318363	-119.914654	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.972217	15.815895	0.237179
0.001207	0.623927	18.839450	
0.25000	3.030781	32.893674	0.237179
0.001207	0.328336	71.965227	
0.50000	1.963408	71.246193	0.237179
0.001207	0.038654	102.185808	
0.75000	0.982948	113.004622	0.237179
0.001207	0.349166	75.805079	
1.00000	0.513758	149.783011	0.237179
0.001207	0.686598	25.384222	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.420781	-151.533896	-0.274108
-0.001142	-0.693443	-98.926139	
0.25000	-0.886114	-114.741264	-0.274108
-0.001142	-0.364462	-43.493700	
0.50000	-1.864635	-72.947329	-0.274108
-0.001142	-0.051493	-43.649696	
0.75000	-2.930824	-34.573259	-0.274108
-0.001142	-0.291098	-43.940252	
1.00000	-3.871094	-17.390199	-0.274108
-0.001142	-0.571221	-99.178352	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.549958	16.043357	0.237179
0.001228	0.623927	26.274338	
0.25000	3.411323	48.132265	0.237179
0.001228	0.328336	110.553978	
0.50000	2.397881	90.191157	0.237179
0.001228	0.045478	145.176899	
0.75000	1.325092	129.927543	0.237179
0.001228	0.349166	114.354038	
1.00000	0.513758	173.113176	0.237179
0.001228	0.686598	33.081332	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.420781	-175.264030	-0.274108
-0.001181	-0.693443	-120.771090	
0.25000	-1.231321	-131.942900	-0.274108
-0.001181	-0.364462	-48.823719	
0.50000	-2.303917	-92.227566	-0.274108
-0.001181	-0.053197	-47.554720	
0.75000	-3.317834	-50.161224	-0.274108
-0.001181	-0.291098	-48.570898	
1.00000	-4.450140	-18.049964	-0.274108
-0.001181	-0.571221	-119.914654	

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ELEM 149 ========== LENGTH = 4.980787

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.025039	0.171554	0.038363
9.18E-06	0.094090	5.417352	
0.25000	0.024198	0.195071	0.038363
9.18E-06	0.046350	5.606150	
0.50000	0.023450	0.225884	0.038363
9.18E-06	0.004884	5.907840	
0.75000	0.022659	0.254987	0.038363
9.18E-06	0.062703	6.323534	
1.00000	0.022053	0.286695	0.038363
9.18E-06	0.124588	6.794106	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031210	-0.694554	-0.049630
-0.000825	-0.122615	-3.601822	
0.25000	-0.031816	-0.662818	-0.049630
-0.000825	-0.060747	-3.396444	
0.50000	-0.032607	-0.633716	-0.049630
-0.000825	-0.009900	-3.242689	
0.75000	-0.033355	-0.602904	-0.049630
-0.000825	-0.049254	-3.090609	
1.00000	-0.034193	-0.579386	-0.049630
-0.000825	-0.097019	-2.990067	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.426539	15.898398	0.055648
3.40E-07	0.154948	28.689166	
0.25000	3.303684	47.293361	0.055648
3.40E-07	0.085642	110.285473	
0.50000	2.305287	88.427890	0.055648
3.40E-07	0.039438	143.122359	
0.75000	1.249185	127.281416	0.055648
3.40E-07	0.141843	111.808278	
1.00000	0.440731	169.611432	0.055648
3.40E-07	0.265478	31.179133	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.425016	-170.398934	-0.099275
-0.001009	-0.253507	-115.130194	
0.25000	-1.233526	-128.031741	-0.099275
-0.001009	-0.137642	-44.751383	
0.50000	-2.289646	-89.180734	-0.099275
-0.001009	-0.054184	-43.289248	
0.75000	-3.288103	-48.045874	-0.099275
-0.001009	-0.081048	-44.062538	
1.00000	-4.407564	-16.649921	-0.099275
-0.001009	-0.134714	-113.638792	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.563152	16.509052	0.107037
0.000595	0.284250	33.108426	
0.25000	3.415570	48.595409	0.107037
0.000595	0.150940	116.523982	
0.50000	2.395185	90.635822	0.107037
0.000595	0.043343	150.192873	
0.75000	1.315825	130.344999	0.107037
0.000595	0.220662	118.483261	
1.00000	0.489567	173.607227	0.107037
0.000595	0.425234	36.519986	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.434180	-174.665851	-0.164340
-0.000898	-0.418464	-119.841034	
0.25000	-1.260496	-131.365628	-0.164340
-0.000898	-0.221726	-47.819614	
0.50000	-2.339874	-91.659025	-0.164340
-0.000898	-0.061588	-46.232586	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.360320	-49.618274	-0.164340
-0.000898	-0.144276	-46.930213	
1.00000	-4.504434	-17.530904	-0.164340
-0.000898	-0.261611	-117.946015	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.049907	0.168260	0.089065
0.000855	0.222754	5.374787	
0.25000	0.049066	0.191776	0.089065
0.000855	0.111813	5.566667	
0.50000	0.048318	0.222589	0.089065
0.000855	0.005030	5.869009	
0.75000	0.047527	0.251693	0.089065
0.000855	0.124325	6.290684	
1.00000	0.046921	0.283401	0.089065
0.000855	0.251866	6.765485	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007695	-0.698613	-0.102460
-8.96E-06	-0.258541	-3.652712	
0.25000	-0.008301	-0.666877	-0.102460
-8.96E-06	-0.131039	-3.446384	
0.50000	-0.009092	-0.637775	-0.102460
-8.96E-06	-0.009770	-3.291678	
0.75000	-0.009840	-0.606962	-0.102460
-8.96E-06	-0.109988	-3.138647	
1.00000	-0.010678	-0.583445	-0.102460
-8.96E-06	-0.220899	-3.037154	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.459982	15.892789	0.119604
0.001048	0.317140	28.634189	
0.25000	3.337128	47.287752	0.119604
0.001048	0.168184	110.230728	
0.50000	2.338730	88.422281	0.119604
0.001048	0.039607	143.070247	
0.75000	1.282629	127.275807	0.119604
0.001048	0.220551	111.763574	
1.00000	0.474174	169.605824	0.119604
0.001048	0.428251	31.140205	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.395305	-170.402102	-0.166824
-3.32E-07	-0.427337	-115.189069	
0.25000	-1.203815	-128.034910	-0.166824
-3.32E-07	-0.227425	-44.869190	
0.50000	-2.259936	-89.183902	-0.166824
-3.32E-07	-0.053943	-43.345987	
0.75000	-3.258393	-48.049043	-0.166824
-3.32E-07	-0.157654	-44.118209	
1.00000	-4.377853	-16.653089	-0.166824
-3.32E-07	-0.291022	-113.693395	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.570540	16.507384	0.126619
0.000934	0.333949	33.093163	
0.25000	3.422957	48.593741	0.126619
0.000934	0.176221	116.510820	
0.50000	2.402573	90.634154	0.126619
0.000934	0.043412	150.181007	
0.75000	1.323213	130.343331	0.126619
0.000934	0.243963	118.473120	
1.00000	0.496954	173.605559	0.126619
0.000934	0.473510	36.511405	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.425229	-174.667609	-0.184367
-0.000579	-0.469965	-119.864949	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.251545	-131.367386	-0.184367
-0.000579	-0.248360	-47.843063	
0.50000	-2.330923	-91.660783	-0.184367
-0.000579	-0.061517	-46.255569	
0.75000	-3.351369	-49.620032	-0.184367
-0.000579	-0.167719	-46.952730	
1.00000	-4.495482	-17.532662	-0.184367
-0.000579	-0.309459	-117.968066	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.024825	0.270628	0.043375
8.13E-06	0.110190	5.114959	
0.25000	0.024357	0.279085	0.043375
8.13E-06	0.056391	5.502681	
0.50000	0.023828	0.297983	0.043375
8.13E-06	0.007286	5.920824	
0.75000	0.023341	0.318568	0.043375
8.13E-06	0.079660	6.396648	
1.00000	0.023108	0.336693	0.043375
8.13E-06	0.157799	6.898932	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042622	-0.771678	-0.063658
-0.000769	-0.161786	-5.110814	
0.25000	-0.042855	-0.753548	-0.063658
-0.000769	-0.082924	-5.092592	
0.50000	-0.043340	-0.732959	-0.063658
-0.000769	-0.012342	-5.101303	
0.75000	-0.043869	-0.714056	-0.063658
-0.000769	-0.054271	-5.106929	
1.00000	-0.044336	-0.705589	-0.063658
-0.000769	-0.107537	-5.142878	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.923631	15.677926	0.081865
1.89E-07	0.228878	21.689398	
0.25000	2.975619	32.830146	0.081865
1.89E-07	0.126762	74.917844	
0.50000	1.901734	71.154695	0.081865
1.89E-07	0.033997	104.093626	
0.75000	0.915672	112.900106	0.081865
1.89E-07	0.167220	76.395759	
1.00000	0.442513	149.658708	0.081865
1.89E-07	0.317793	24.638890	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.424384	-150.504413	-0.124982
-0.000915	-0.323991	-95.557715	
0.25000	-0.896392	-113.736106	-0.124982
-0.000915	-0.180303	-40.575845	
0.50000	-1.881390	-71.982303	-0.124982
-0.000915	-0.055867	-40.280051	
0.75000	-2.954288	-33.646153	-0.124982
-0.000915	-0.109256	-40.228315	
1.00000	-3.901097	-16.475250	-0.124982
-0.000915	-0.196255	-94.912466	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.976859	16.024591	0.166334
0.000531	0.443997	25.374565	
0.25000	3.028566	33.181886	0.166334
0.000531	0.236337	78.694375	
0.50000	1.954363	71.517774	0.166334
0.000531	0.038648	108.028895	
0.75000	0.968010	113.275536	0.166334
0.000531	0.270703	80.781064	
1.00000	0.494711	150.045013	0.166334
0.000531	0.530892	29.492072	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.424731	-151.173180	-0.212917
-0.000817	-0.548797	-99.118618	
0.25000	-0.896878	-114.393995	-0.212917
-0.000817	-0.295516	-44.091350	
0.50000	-1.882168	-72.627838	-0.212917
-0.000817	-0.063186	-43.766247	
0.75000	-2.955383	-34.280346	-0.212917
-0.000817	-0.208201	-43.598241	
1.00000	-3.902472	-17.104363	-0.212917
-0.000817	-0.401014	-98.314208	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.059281	0.277932	0.136545
0.000812	0.346603	5.068547	
0.25000	0.058813	0.286389	0.136545
0.000812	0.176181	5.468252	
0.50000	0.058284	0.305287	0.136545
0.000812	0.007371	5.897502	
0.75000	0.057797	0.325872	0.136545
0.000812	0.166251	6.383325	
1.00000	0.057564	0.343997	0.136545
0.000812	0.340440	6.896261	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009124	-0.781588	-0.139916
-7.93E-06	-0.356483	-5.172941	
0.25000	-0.009357	-0.763457	-0.139916
-7.93E-06	-0.182312	-5.168578	
0.50000	-0.009843	-0.742869	-0.139916
-7.93E-06	-0.012034	-5.191150	
0.75000	-0.010372	-0.723965	-0.139916
-7.93E-06	-0.161846	-5.213809	
1.00000	-0.010838	-0.715498	-0.139916
-7.93E-06	-0.332624	-5.263426	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.969261	15.685467	0.197428
0.000966	0.521674	21.630496	
0.25000	3.021249	32.837688	0.197428
0.000966	0.274972	74.874924	
0.50000	1.947364	71.162237	0.197428
0.000966	0.033984	104.064169	
0.75000	0.961302	112.907648	0.197428
0.000966	0.277834	76.377930	
1.00000	0.488143	149.666250	0.197428
0.000966	0.549289	24.633354	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.383817	-150.515206	-0.221010
-1.79E-07	-0.569063	-95.639939	
0.25000	-0.855825	-113.746899	-0.221010
-1.79E-07	-0.304758	-40.673217	
0.50000	-1.840823	-71.993095	-0.221010
-1.79E-07	-0.055404	-40.392684	
0.75000	-2.913721	-33.656945	-0.221010
-1.79E-07	-0.244384	-40.356238	
1.00000	-3.860530	-16.486043	-0.221010
-1.79E-07	-0.476606	-95.055775	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.989056	16.028685	0.203927
0.000862	0.539591	25.355990	
0.25000	3.040763	33.185980	0.203927
0.000862	0.284628	78.681409	
0.50000	1.966560	71.521868	0.203927
0.000862	0.038646	108.020108	
0.75000	0.980207	113.279629	0.203927
0.000862	0.303588	80.777001	
1.00000	0.506908	150.049106	0.203927
0.000862	0.601188	29.493051	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411537	-151.178315	-0.242440
-0.000516	-0.624500	-98.928638	
0.25000	-0.883684	-114.399130	-0.242440
-0.000516	-0.333929	-43.952026	
0.50000	-1.868974	-72.632973	-0.242440
-0.000516	-0.062949	-43.677555	
0.75000	-2.942189	-34.285481	-0.242440
-0.000516	-0.251086	-43.647213	
1.00000	-3.889278	-17.109498	-0.242440
-0.000516	-0.491328	-98.369036	

COMB DB ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.570540 16.509052 0.126619
0.001048 0.333949 33.108426
0.25000 3.422957 48.595409 0.126619
0.001048 0.176221 116.523982
0.50000 2.402573 90.635822 0.126619
0.001048 0.043412 150.192873
0.75000 1.323213 130.344999 0.126619
0.001048 0.243963 118.483261
1.00000 0.496954 173.607227 0.126619
0.001048 0.473510 36.519986

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.434180 -174.667609 -0.184367
-0.001009 -0.469965 -119.864949
0.25000 -1.260496 -131.367386 -0.184367
-0.001009 -0.248360 -47.843063
0.50000 -2.339874 -91.660783 -0.184367
-0.001009 -0.061588 -46.255569
0.75000 -3.360320 -49.620032 -0.184367
-0.001009 -0.167719 -46.952730
1.00000 -4.504434 -17.532662 -0.184367
-0.001009 -0.309459 -117.968066

COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.989056 16.028685 0.203927
0.000966 0.539591 25.374565
0.25000 3.040763 33.185980 0.203927
0.000966 0.284628 78.694375
0.50000 1.966560 71.521868 0.203927
0.000966 0.038648 108.028895
0.75000 0.980207 113.279629 0.203927
0.000966 0.303588 80.781064
1.00000 0.506908 150.049106 0.203927
0.000966 0.601188 29.493051

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.424731 -151.178315 -0.242440
-0.000915 -0.624500 -99.118618
0.25000 -0.896878 -114.399130 -0.242440
-0.000915 -0.333929 -44.091350
0.50000 -1.882168 -72.632973 -0.242440
-0.000915 -0.063186 -43.766247
0.75000 -2.955383 -34.285481 -0.242440
-0.000915 -0.251086 -43.647213
1.00000 -3.902472 -17.109498 -0.242440
-0.000915 -0.491328 -98.369036

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.570540 16.509052 0.203927
0.001048 0.539591 33.108426
0.25000 3.422957 48.595409 0.203927
0.001048 0.284628 116.523982
0.50000 2.402573 90.635822 0.203927
0.001048 0.043412 150.192873
0.75000 1.323213 130.344999 0.203927
0.001048 0.303588 118.483261
1.00000 0.506908 173.607227 0.203927
0.001048 0.601188 36.519986
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COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.434180 -174.667609 -0.242440
-0.001009 -0.624500 -119.864949
0.25000 -1.260496 -131.367386 -0.242440
-0.001009 -0.333929 -47.843063
0.50000 -2.339874 -91.660783 -0.242440
-0.001009 -0.063186 -46.255569
0.75000 -3.360320 -49.620032 -0.242440
-0.001009 -0.251086 -46.952730
1.00000 -4.504434 -17.532662 -0.242440
-0.001009 -0.491328 -117.968066

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.570540 16.509052 0.203927
0.001048 0.539591 33.108426
0.25000 3.422957 48.595409 0.203927
0.001048 0.284628 116.523982
0.50000 2.402573 90.635822 0.203927
0.001048 0.043412 150.192873
0.75000 1.323213 130.344999 0.203927
0.001048 0.303588 118.483261
1.00000 0.506908 173.607227 0.203927
0.001048 0.601188 36.519986

COMB DESIGN ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.434180 -174.667609 -0.242440
-0.001009 -0.624500 -119.864949
0.25000 -1.260496 -131.367386 -0.242440
-0.001009 -0.333929 -47.843063
0.50000 -2.339874 -91.660783 -0.242440
-0.001009 -0.063186 -46.255569
0.75000 -3.360320 -49.620032 -0.242440
-0.001009 -0.251086 -46.952730
1.00000 -4.504434 -17.532662 -0.242440
-0.001009 -0.491328 -117.968066

ELEM 150 ========== LENGTH = 4.980674

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.019178 0.278342 0.043714
0.000228 0.105973 6.794960
0.25000 0.018345 0.301864 0.043714
0.000228 0.051568 6.818578
0.50000 0.017602 0.332680 0.043714
0.000228 0.003867 6.914774
0.75000 0.016816 0.361784 0.043714
0.000228 0.068039 7.137300
1.00000 0.016215 0.393494 0.043714
0.000228 0.134204 7.430451

COMB DB-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.035881 -0.574369 -0.053131
-0.000663 -0.130439 -2.989610
0.25000 -0.036482 -0.542659 -0.053131
-0.000663 -0.064224 -2.778517
0.50000 -0.037268 -0.513551 -0.053131
-0.000663 -0.011358 -2.619013
0.75000 -0.038011 -0.482737 -0.053131
-0.000663 -0.057456 -2.461193
1.00000 -0.038842 -0.459219 -0.053131
-0.000663 -0.111891 -2.354955

COMB DB-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.381359 16.118804 0.064712
0.000292 0.174617 31.217932
0.25000 3.269189 47.520944 0.064712
0.000292 0.094134 112.506754
0.50000 2.277586 88.659677 0.064712
0.000292 0.037315 144.952033
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REL_DIST P V2 V3
T M2 M3
0.75000 1.228402 127.514364 0.064712
0.000292 0.137463 113.213178
1.00000 0.425827 169.847575 0.064712
0.000292 0.256265 32.206005

COMB DB-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.429750 -170.151262 -0.095416
-0.000811 -0.246038 -113.596846
0.25000 -1.232423 -127.817477 -0.095416
-0.000811 -0.133208 -43.332982
0.50000 -2.281640 -88.959227 -0.095416
-0.000811 -0.056842 -41.941378
0.75000 -3.273198 -47.822391 -0.095416
-0.000811 -0.098338 -42.796622
1.00000 -4.383158 -16.425941 -0.095416
-0.000811 -0.168282 -112.513850

COMB DB-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.512916 16.794359 0.112947
0.000745 0.296963 36.554758
0.25000 3.376254 48.888051 0.112947
0.000745 0.156400 119.527402
0.50000 2.362814 90.932760 0.112947
0.000745 0.040559 152.690189
0.75000 1.290523 130.643124 0.112947
0.000745 0.205420 120.428255
1.00000 0.470275 173.908617 0.112947
0.000745 0.395513 37.919440

COMB DB-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.436776 -174.327267 -0.152648
-0.000937 -0.392566 -117.901214
0.25000 -1.257126 -131.061187 -0.152648
-0.000937 -0.208767 -45.991221
0.50000 -2.329450 -91.347183 -0.152648
-0.000937 -0.065254 -44.470226
0.75000 -3.342845 -49.304411 -0.152648
-0.000937 -0.156753 -45.245559
1.00000 -4.477248 -17.216534 -0.152648
-0.000937 -0.286587 -116.399387

COMB DB-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.043872 0.275054 0.086161
0.000679 0.216374 6.747982
0.25000 0.043039 0.298576 0.086161
0.000679 0.109072 6.775307
0.50000 0.042297 0.329392 0.086161
0.000679 0.003998 6.873987
0.75000 0.041511 0.358497 0.086161
0.000679 0.111088 7.102956
1.00000 0.040910 0.390207 0.086161
0.000679 0.226951 7.401995

COMB DB-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.007282 -0.578805 -0.093083
-0.000230 -0.236834 -3.035490
0.25000 -0.007883 -0.547095 -0.093083
-0.000230 -0.121030 -2.822078
0.50000 -0.008669 -0.517987 -0.093083
-0.000230 -0.011277 -2.660254
0.75000 -0.009412 -0.487173 -0.093083
-0.000230 -0.105387 -2.500114
1.00000 -0.010243 -0.463655 -0.093083
-0.000230 -0.212753 -2.391556

COMB DB-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.414513 16.113500 0.118192
0.000829 0.313721 31.157592
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REL_DIST P V2 V3
T M2 M3
0.25000 3.302344 47.515639 0.118192
0.000829 0.166528 112.449732
0.50000 2.310741 88.654372 0.118192
0.000829 0.037468 144.896644
0.75000 1.261556 127.509060 0.118192
0.000829 0.192718 113.166885
1.00000 0.458982 169.842270 0.118192
0.000829 0.374994 32.166717

COMB DB-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.392788 -170.154830 -0.146463
-0.000293 -0.381848 -113.650001
0.25000 -1.195461 -127.821045 -0.146463
-0.000293 -0.205616 -43.383463
0.50000 -2.244679 -88.962796 -0.146463
-0.000293 -0.056662 -41.989185
0.75000 -3.236237 -47.825959 -0.146463
-0.000293 -0.158679 -42.841755
1.00000 -4.346196 -16.429509 -0.146463
-0.000293 -0.295419 -112.556308

COMB DB-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.520318 16.792597 0.129437
0.000954 0.339805 36.537625
0.25000 3.383656 48.886289 0.129437
0.000954 0.178632 119.513915
0.50000 2.370215 90.930999 0.129437
0.000954 0.040620 152.677875
0.75000 1.297925 130.641363 0.129437
0.000954 0.221582 120.419290
1.00000 0.477676 173.906855 0.129437
0.000954 0.430356 37.911380

COMB DB-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.426295 -174.329197 -0.167729
-0.000730 -0.432988 -117.922727
0.25000 -1.246645 -131.063117 -0.167729
-0.000730 -0.230397 -46.011643
0.50000 -2.318969 -91.349113 -0.167729
-0.000730 -0.065257 -44.489557
0.75000 -3.332364 -49.306342 -0.167729
-0.000730 -0.175321 -45.263800
1.00000 -4.466767 -17.218464 -0.167729
-0.000730 -0.325797 -116.416538

COMB DL-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.018844 0.359190 0.055455
0.000199 0.128475 6.905023
0.25000 0.018380 0.367649 0.055455
0.000199 0.060222 7.050634
0.50000 0.017855 0.386551 0.055455
0.000199 0.006634 7.225475
0.75000 0.017372 0.407137 0.055455
0.000199 0.095919 7.458428
1.00000 0.017141 0.425263 0.055455
0.000199 0.184568 7.719475

COMB DL-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.046655 -0.626537 -0.071605
-0.000580 -0.171135 -5.156133
0.25000 -0.046885 -0.608406 -0.071605
-0.000580 -0.082770 -5.122554
0.50000 -0.047368 -0.587819 -0.071605
-0.000580 -0.014435 -5.116656
0.75000 -0.047893 -0.568915 -0.071605
-0.000580 -0.078762 -5.110969
1.00000 -0.048357 -0.560463 -0.071605
-0.000580 -0.147834 -5.132258
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COMB DL-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.881159 15.861019 0.088885
0.000253 0.230220 24.653403
0.25000 2.940222 33.015959 0.088885
0.000253 0.120848 77.600833
0.50000 1.873736 71.348678 0.088885
0.000253 0.032359 106.302031
0.75000 0.894431 113.098447 0.088885
0.000253 0.170186 78.207346
1.00000 0.426868 149.858370 0.088885
0.000253 0.316186 25.889552

COMB DL-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.426424 -150.231332 -0.119701
-0.000693 -0.298996 -94.882701
0.25000 -0.893391 -113.462070 -0.119701
-0.000693 -0.162390 -40.010785
0.50000 -1.871977 -71.711605 -0.119701
-0.000693 -0.059233 -39.719989
0.75000 -2.937691 -33.374906 -0.119701
-0.000693 -0.136138 -39.744120
1.00000 -3.877809 -16.234575 -0.119701
-0.000693 -0.233528 -94.473599

COMB DL-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.929414 16.264156 0.159536
0.000634 0.413110 29.494577
0.25000 2.988198 33.424172 0.159536
0.000634 0.215653 82.378718
0.50000 1.921397 71.768233 0.159536
0.000634 0.036587 111.074980
0.75000 0.941802 113.530353 0.159536
0.000634 0.250869 83.260381
1.00000 0.474101 150.301152 0.159536
0.000634 0.484389 31.252769

COMB DL-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.425089 -150.798094 -0.190458
-0.000799 -0.484097 -98.262142
0.25000 -0.892193 -114.017954 -0.190458
-0.000799 -0.259189 -43.376679
0.50000 -1.871069 -72.255136 -0.190458
-0.000799 -0.067934 -43.088472
0.75000 -2.937098 -33.907095 -0.190458
-0.000799 -0.218437 -43.115245
1.00000 -3.877495 -16.761693 -0.190458
-0.000799 -0.403167 -97.863568

COMB DL-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.053668 0.366452 0.120409
0.000595 0.306350 6.867544
0.25000 0.053204 0.374911 0.120409
0.000595 0.155942 7.024372
0.50000 0.052678 0.393813 0.120409
0.000595 0.006512 7.209130
0.75000 0.052195 0.414399 0.120409
0.000595 0.140367 7.451215
1.00000 0.051965 0.432526 0.120409
0.000595 0.287729 7.720147

COMB DL-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.009629 -0.636165 -0.118878
-0.000199 -0.306254 -5.233930
0.25000 -0.009859 -0.618034 -0.118878
-0.000199 -0.158349 -5.212280
0.50000 -0.010342 -0.597447 -0.118878
-0.000199 -0.014143 -5.217611
0.75000 -0.010867 -0.578543 -0.118878
-0.000199 -0.145397 -5.223010
1.00000 -0.011331 -0.570091 -0.118878
-0.000199 -0.294592 -5.255396
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COMB DL-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.927004 15.868726 0.171189
0.000709 0.456823 24.606805
0.25000 2.986067 33.023666 0.171189
0.000709 0.242145 77.567207
0.50000 1.919581 71.356386 0.171189
0.000709 0.032147 106.281172
0.75000 0.940276 113.106154 0.171189
0.000709 0.228908 78.195732
1.00000 0.472713 149.866077 0.171189
0.000709 0.450794 25.888021

COMB DL-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.381176 -150.241782 -0.181345
-0.000253 -0.475101 -94.975579
0.25000 -0.848143 -113.472520 -0.181345
-0.000253 -0.259625 -40.116705
0.50000 -1.826729 -71.722055 -0.181345
-0.000253 -0.058738 -39.839057
0.75000 -2.892443 -33.385356 -0.181345
-0.000253 -0.219554 -39.876270
1.00000 -3.832561 -16.245025 -0.181345
-0.000253 -0.418747 -94.618839

COMB DL-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.941923 16.268107 0.183369
0.000814 0.480757 29.479839
0.25000 3.000706 33.428122 0.183369
0.000814 0.251466 82.368948
0.50000 1.933905 71.772183 0.183369
0.000814 0.036429 111.069051
0.75000 0.954311 113.534304 0.183369
0.000814 0.265893 83.258407
1.00000 0.486609 150.305102 0.183369
0.000814 0.518319 31.255206

COMB DL-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.410773 -150.803160 -0.205947
-0.000618 -0.531882 -98.297737
0.25000 -0.877878 -114.023020 -0.205947
-0.000618 -0.286255 -43.417323
0.50000 -1.856753 -72.260203 -0.205947
-0.000618 -0.067658 -43.134187
0.75000 -2.922782 -33.912161 -0.205947
-0.000618 -0.242849 -43.165965
1.00000 -3.863179 -16.766759 -0.205947
-0.000618 -0.457272 -97.919213

COMB DB ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.520318 16.794359 0.129437
0.000954 0.339805 36.554758
0.25000 3.383656 48.888051 0.129437
0.000954 0.178632 119.527402
0.50000 2.370215 90.932760 0.129437
0.000954 0.040620 152.690189
0.75000 1.297925 130.643124 0.129437
0.000954 0.221582 120.428255
1.00000 0.477676 173.908617 0.129437
0.000954 0.430356 37.919440

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.436776 -174.329197 -0.167729
-0.000937 -0.432988 -117.922727
0.25000 -1.257126 -131.063117 -0.167729
-0.000937 -0.230397 -46.011643
0.50000 -2.329450 -91.349113 -0.167729
-0.000937 -0.065257 -44.489557
0.75000 -3.342845 -49.306342 -0.167729
-0.000937 -0.175321 -45.263800
1.00000 -4.477248 -17.218464 -0.167729
-0.000937 -0.325797 -116.416538
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COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.941923 16.268107 0.183369
0.000814 0.480757 29.494577
0.25000 3.000706 33.428122 0.183369
0.000814 0.251466 82.378718
0.50000 1.933905 71.772183 0.183369
0.000814 0.036587 111.074980
0.75000 0.954311 113.534304 0.183369
0.000814 0.265893 83.260381
1.00000 0.486609 150.305102 0.183369
0.000814 0.518319 31.255206

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.426424 -150.803160 -0.205947
-0.000799 -0.531882 -98.297737
0.25000 -0.893391 -114.023020 -0.205947
-0.000799 -0.286255 -43.417323
0.50000 -1.871977 -72.260203 -0.205947
-0.000799 -0.067934 -43.134187
0.75000 -2.937691 -33.912161 -0.205947
-0.000799 -0.242849 -43.165965
1.00000 -3.877809 -16.766759 -0.205947
-0.000799 -0.457272 -97.919213

COMB CAR ---------- MAX

```
 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.520318     16.794359      0.183369
0.000954     0.480757     36.554758
  0.25000     3.383656     48.888051      0.183369
0.000954     0.251466    119.527402
  0.50000     2.370215     90.932760      0.183369
0.000954     0.040620    152.690189
  0.75000     1.297925    130.643124      0.183369
0.000954     0.265893    120.428255
  1.00000     0.486609    173.908617      0.183369
0.000954     0.518319     37.919440

 COMB      CAR ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.436776   -174.329197     -0.205947
-0.000937    -0.531882   -117.922727
  0.25000    -1.257126   -131.063117     -0.205947
-0.000937    -0.286255    -46.011643
  0.50000    -2.329450    -91.349113     -0.205947
-0.000937    -0.067934    -44.489557
  0.75000    -3.342845    -49.306342     -0.205947
-0.000937    -0.242849    -45.263800
  1.00000    -4.477248    -17.218464     -0.205947
-0.000937    -0.457272   -116.416538

 COMB   DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.520318     16.794359      0.183369
0.000954     0.480757     36.554758
  0.25000     3.383656     48.888051      0.183369
0.000954     0.251466    119.527402
  0.50000     2.370215     90.932760      0.183369
0.000954     0.040620    152.690189
  0.75000     1.297925    130.643124      0.183369
0.000954     0.265893    120.428255
  1.00000     0.486609    173.908617      0.183369
0.000954     0.518319     37.919440

 COMB   DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.436776   -174.329197     -0.205947
-0.000937    -0.531882   -117.922727
  0.25000    -1.257126   -131.063117     -0.205947
-0.000937    -0.286255    -46.011643
  0.50000    -2.329450    -91.349113     -0.205947
-0.000937    -0.067934    -44.489557
  0.75000    -3.342845    -49.306342     -0.205947
-0.000937    -0.242849    -45.263800
  1.00000    -4.477248    -17.218464     -0.205947
-0.000937    -0.457272   -116.416538
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4.980671

 COMB DB-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     0.013543     0.367057      0.053577
0.000454     0.128260     7.437813
  0.25000     0.012704     0.390579      0.053577
0.000454     0.061677     7.303625
  0.50000     0.011955     0.421395      0.053577
0.000454     0.003078     7.237117
  0.75000     0.011164     0.450500      0.053577
0.000454     0.075998     7.297544
  1.00000     0.010559     0.482212      0.053577
0.000454     0.149325     7.425568

 COMB DB-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.040915    -0.477329     -0.058836
-0.000456    -0.143727    -2.356851
  0.25000    -0.041521    -0.445623     -0.058836
-0.000456    -0.070436    -2.145540
  0.50000    -0.042312    -0.416516     -0.058836
-0.000456    -0.011798    -1.985797
  0.75000    -0.043060    -0.385701     -0.058836
-0.000456    -0.072631    -2.140875
  1.00000    -0.043899    -0.362182     -0.058836
-0.000456    -0.138950    -2.348044

 COMB DB-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.404946     16.276504      0.083587
0.000570     0.218114     32.254977
  0.25000     3.283692     47.678396      0.083587
0.000570     0.114208    113.449955
  0.50000     2.285018     88.817670      0.083587
0.000570     0.036020    145.406624
  0.75000     1.228713    127.673426      0.083587
0.000570     0.136578    113.413913
  1.00000     0.420085    170.008972      0.083587
0.000570     0.253208     32.204969

 COMB DB-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.443372   -169.980606     -0.093654
-0.000573    -0.239454   -112.472901
  0.25000    -1.252078   -127.652127     -0.093654
-0.000573    -0.129473    -42.298707
  0.50000    -2.308410    -88.794395     -0.093654
-0.000573    -0.057585    -40.966012
  0.75000    -3.307060    -47.656587     -0.093654
-0.000573    -0.130217    -42.295901
  1.00000    -4.426949    -16.259088     -0.093654
-0.000573    -0.224371   -112.506687

 COMB DB-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.533323     17.007108      0.126488
0.000862     0.328208     37.965516
  0.25000     3.387376     49.100548      0.126488
0.000862     0.170782    120.767298
  0.50000     2.366708     91.145810      0.126488
0.000862     0.038617    153.336337
  0.75000     1.287141    130.857266      0.126488
0.000862     0.191039    120.731142
  1.00000     0.460705    174.125145      0.126488
0.000862     0.366111     37.916221

 COMB DB-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.455961   -174.097226     -0.140634
-0.000896    -0.361362   -116.357319
  0.25000    -1.282477   -130.836569     -0.140634
-0.000896    -0.193114    -44.539848
  0.50000    -2.362072    -91.123094     -0.140634
-0.000896    -0.066341    -43.079935
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.75000    -3.382715    -49.079329     -0.140634
-0.000896    -0.180584    -44.539782
  1.00000    -4.527266    -16.990380     -0.140634
-0.000896    -0.328456   -116.397674

 COMB DB-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     0.037470     0.362198      0.081166
0.000461     0.204759     7.386476
  0.25000     0.036630     0.385720      0.081166
0.000461     0.103656     7.257132
  0.50000     0.035882     0.416536      0.081166
0.000461     0.003024     7.195856
  0.75000     0.035091     0.445642      0.081166
0.000461     0.094473     7.263128
  1.00000     0.034485     0.477354      0.081166
0.000461     0.194588     7.398435

 COMB DB-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.016760    -0.482011     -0.080443
-0.000465    -0.206423    -2.392474
  0.25000    -0.017365    -0.450304     -0.080443
-0.000465    -0.106367    -2.178880
  0.50000    -0.018157    -0.421197     -0.080443
-0.000465    -0.011806    -2.016853
  0.75000    -0.018905    -0.390383     -0.080443
-0.000465    -0.098437    -2.182262
  1.00000    -0.019744    -0.366864     -0.080443
-0.000465    -0.199516    -2.399663

 COMB DB-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.437388     16.269260      0.118190
0.000577     0.314252     32.188892
  0.25000     3.316134     47.671152      0.118190
0.000577     0.166999    113.388881
  0.50000     2.317460     88.810425      0.118190
0.000577     0.035957    145.349926
  0.75000     1.261154    127.666182      0.118190
0.000577     0.160876    113.366818
  1.00000     0.452527    170.001728      0.118190
0.000577     0.312386     32.166875

 COMB DB-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.411895   -169.984473     -0.121758
-0.000582    -0.320413   -112.514179
  0.25000    -1.220601   -127.655993     -0.121758
-0.000582    -0.175666    -42.337347
  0.50000    -2.276932    -88.798262     -0.121758
-0.000582    -0.057328    -41.002014
  0.75000    -3.275583    -47.660453     -0.121758
-0.000582    -0.159927    -42.344082
  1.00000    -4.395472    -16.262955     -0.121758
-0.000582    -0.300070   -112.566923

 COMB DB-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.540430     17.004768      0.137644
0.000894     0.358074     37.946879
  0.25000     3.394483     49.098208      0.137644
0.000894     0.187214    120.752498
  0.50000     2.373816     91.143470      0.137644
0.000894     0.038606    153.323780
  0.75000     1.294248    130.854926      0.137644
0.000894     0.197415    120.722087
  1.00000     0.467812    174.122805      0.137644
0.000894     0.382340     37.909066

 COMB DB-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.448103   -174.099392     -0.148585
-0.000872    -0.384640   -116.374037
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 REL_DIST            P            V2            V3
        T           M2           M3
  0.25000    -1.274619   -130.838735     -0.148585
-0.000872    -0.206609    -44.555488
  0.50000    -2.354214    -91.125261     -0.148585
-0.000872    -0.066248    -43.094498
  0.75000    -3.374857    -49.081496     -0.148585
-0.000872    -0.193569    -44.559101
  1.00000    -4.519408    -16.992547     -0.148585
-0.000872    -0.357439   -116.421701

 COMB DL-G1-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     0.015393     0.451152      0.080330
0.000375     0.189209     7.732473
  0.25000     0.014925     0.459608      0.080330
0.000375     0.089117     7.671173
  0.50000     0.014396     0.478510      0.080330
0.000375     0.006291     7.637849
  0.75000     0.013910     0.499099      0.080330
0.000375     0.117396     7.661945
  1.00000     0.013677     0.517228      0.080330
0.000375     0.229508     7.714057

 COMB DL-G1-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.051799    -0.516034     -0.089199
-0.000377    -0.214021    -5.150426
  0.25000    -0.052032    -0.497902     -0.089199
-0.000377    -0.102343    -5.117845
  0.50000    -0.052518    -0.477313     -0.089199
-0.000377    -0.014820    -5.112130
  0.75000    -0.053047    -0.458413     -0.089199
-0.000377    -0.111314    -5.106642
  1.00000    -0.053514    -0.449963     -0.089199
-0.000377    -0.211105    -5.128020

 COMB DL-G1-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     3.901387     16.035675      0.122579
0.000466     0.307759     25.915595
  0.25000     2.953552     33.185205      0.122579
0.000466     0.156052     78.595892
  0.50000     1.879785     71.518136      0.122579
0.000466     0.031402    106.955974
  0.75000     0.893814    113.272346      0.122579
0.000466     0.191338     78.561687
  1.00000     0.421743    150.038009      0.122579
0.000466     0.357468     25.883503

 COMB DL-G1-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.437837   -150.030439     -0.133519
-0.000469    -0.329166    -94.450029
  0.25000    -0.909506   -113.260405     -0.133519
-0.000469    -0.173605    -39.746800
  0.50000    -1.894965    -71.505436     -0.133519
-0.000469    -0.060175    -39.450515
  0.75000    -2.968260    -33.175549     -0.133519
-0.000469    -0.184933    -39.736274
  1.00000    -3.915632    -16.039066     -0.133519
-0.000469    -0.325486    -94.451651

 COMB DL-G1-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     3.945225     16.496098      0.181998
0.000701     0.460201     31.270289
  0.25000     2.997110     33.650701      0.181998
0.000701     0.234496     83.765849
  0.50000     1.923025     71.994973      0.181998
0.000701     0.035456    111.985751
  0.75000     0.936763    113.761536      0.181998
0.000701     0.252308     83.734108
  1.00000     0.464552    150.538077      0.181998
0.000701     0.485857     31.243225
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.439482   -150.528906     -0.187740
-0.000723    -0.470940    -97.820876
  0.25000    -0.911291   -113.747994     -0.187740
-0.000723    -0.247818    -43.105595
  0.50000    -1.897041    -71.980672     -0.187740
-0.000723    -0.069434    -42.813292
  0.75000    -2.970653    -33.639444     -0.187740
-0.000723    -0.254227    -43.103179
  1.00000    -3.918306    -16.497892     -0.187740
-0.000723    -0.468943    -97.838810

 COMB DL-G2-1 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     0.048029     0.456843      0.111906
0.000382     0.282537     7.696567
  0.25000     0.047561     0.465300      0.111906
0.000382     0.142996     7.646177
  0.50000     0.047032     0.484201      0.111906
0.000382     0.006183     7.622433
  0.75000     0.046546     0.504790      0.111906
0.000382     0.119326     7.655156
  1.00000     0.046313     0.522919      0.111906
0.000382     0.246664     7.714573

 COMB DL-G2-1 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.015647    -0.524271     -0.102175
-0.000384    -0.261772    -5.230667
  0.25000    -0.015880    -0.506140     -0.102175
-0.000384    -0.134294    -5.208865
  0.50000    -0.016366    -0.485551     -0.102175
-0.000384    -0.015018    -5.213855
  0.75000    -0.016895    -0.466651     -0.102175
-0.000384    -0.135066    -5.219132
  1.00000    -0.017362    -0.458201     -0.102175
-0.000384    -0.274620    -5.251223

 COMB DL-G2-2 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     3.944511     16.041547      0.160792
0.000473     0.421947     25.870926
  0.25000     2.996676     33.191076      0.160792
0.000473     0.222451     78.563462
  0.50000     1.922909     71.524007      0.160792
0.000473     0.031278    106.936173
  0.75000     0.936938    113.278217      0.160792
0.000473     0.193417     78.550695
  1.00000     0.464867    150.043881      0.160792
0.000473     0.379173     25.881527

 COMB DL-G2-2 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.393600   -150.039183     -0.150018
-0.000476    -0.390014    -94.544599
  0.25000    -0.865269   -113.269149     -0.150018
-0.000476    -0.213841    -39.854058
  0.50000    -1.850727    -71.514181     -0.150018
-0.000476    -0.059966    -39.570456
  0.75000    -2.924022    -33.184293     -0.150018
-0.000476    -0.211747    -39.868925
  1.00000    -3.871395    -16.047811     -0.150018
-0.000476    -0.401332    -94.596987

 COMB DL-G2-3 ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     3.956315     16.499409      0.193830
0.000722     0.494881     31.256194
  0.25000     3.008200     33.654012      0.193830
0.000722     0.254417     83.755891
  0.50000     1.934115     71.998284      0.193830
0.000722     0.035402    111.980261
  0.75000     0.947852    113.764848      0.193830
0.000722     0.251022     83.732565
  1.00000     0.475642    150.541388      0.193830
0.000722     0.487869     31.245828
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.425221   -150.533470     -0.190925
-0.000709    -0.484733    -97.857191
  0.25000    -0.897030   -113.752557     -0.190925
-0.000709    -0.257275    -43.146758
  0.50000    -1.882780    -71.985235     -0.190925
-0.000709    -0.069398    -42.859292
  0.75000    -2.956393    -33.644007     -0.190925
-0.000709    -0.263882    -43.154079
  1.00000    -3.904046    -16.502455     -0.190925
-0.000709    -0.494436    -97.894495

 COMB      DB ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.540430     17.007108      0.137644
0.000894     0.358074     37.965516
  0.25000     3.394483     49.100548      0.137644
0.000894     0.187214    120.767298
  0.50000     2.373816     91.145810      0.137644
0.000894     0.038617    153.336337
  0.75000     1.294248    130.857266      0.137644
0.000894     0.197415    120.731142
  1.00000     0.467812    174.125145      0.137644
0.000894     0.382340     37.916221

 COMB      DB ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.455961   -174.099392     -0.148585
-0.000896    -0.384640   -116.374037
  0.25000    -1.282477   -130.838735     -0.148585
-0.000896    -0.206609    -44.555488
  0.50000    -2.362072    -91.125261     -0.148585
-0.000896    -0.066341    -43.094498
  0.75000    -3.382715    -49.081496     -0.148585
-0.000896    -0.193569    -44.559101
  1.00000    -4.527266    -16.992547     -0.148585
-0.000896    -0.357439   -116.421701

 COMB      DL ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     3.956315     16.499409      0.193830
0.000722     0.494881     31.270289
  0.25000     3.008200     33.654012      0.193830
0.000722     0.254417     83.765849
  0.50000     1.934115     71.998284      0.193830
0.000722     0.035456    111.985751
  0.75000     0.947852    113.764848      0.193830
0.000722     0.252308     83.734108
  1.00000     0.475642    150.541388      0.193830
0.000722     0.487869     31.245828

 COMB      DL ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.439482   -150.533470     -0.190925
-0.000723    -0.484733    -97.857191
  0.25000    -0.911291   -113.752557     -0.190925
-0.000723    -0.257275    -43.146758
  0.50000    -1.897041    -71.985235     -0.190925
-0.000723    -0.069434    -42.859292
  0.75000    -2.970653    -33.644007     -0.190925
-0.000723    -0.263882    -43.154079
  1.00000    -3.918306    -16.502455     -0.190925
-0.000723    -0.494436    -97.894495

 COMB      CAR ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.540430     17.007108      0.193830
0.000894     0.494881     37.965516
  0.25000     3.394483     49.100548      0.193830
0.000894     0.254417    120.767298
  0.50000     2.373816     91.145810      0.193830
0.000894     0.038617    153.336337
  0.75000     1.294248    130.857266      0.193830
0.000894     0.252308    120.731142
  1.00000     0.475642    174.125145      0.193830
0.000894     0.487869     37.916221
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 COMB      CAR ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.455961   -174.099392     -0.190925
-0.000896    -0.484733   -116.374037
  0.25000    -1.282477   -130.838735     -0.190925
-0.000896    -0.257275    -44.555488
  0.50000    -2.362072    -91.125261     -0.190925
-0.000896    -0.069434    -43.094498
  0.75000    -3.382715    -49.081496     -0.190925
-0.000896    -0.263882    -44.559101
  1.00000    -4.527266    -16.992547     -0.190925
-0.000896    -0.494436   -116.421701

 COMB   DESIGN ------------------- MAX

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000     4.540430     17.007108      0.193830
0.000894     0.494881     37.965516
  0.25000     3.394483     49.100548      0.193830
0.000894     0.254417    120.767298
  0.50000     2.373816     91.145810      0.193830
0.000894     0.038617    153.336337
  0.75000     1.294248    130.857266      0.193830
0.000894     0.252308    120.731142
  1.00000     0.475642    174.125145      0.193830
0.000894     0.487869     37.916221

 COMB   DESIGN ------------------- MIN

 REL_DIST            P            V2            V3
        T           M2           M3
  0.00000    -0.455961   -174.099392     -0.190925
-0.000896    -0.484733   -116.374037
  0.25000    -1.282477   -130.838735     -0.190925
-0.000896    -0.257275    -44.555488
  0.50000    -2.362072    -91.125261     -0.190925
-0.000896    -0.069434    -43.094498
  0.75000    -3.382715    -49.081496     -0.190925
-0.000896    -0.263882    -44.559101
  1.00000    -4.527266    -16.992547     -0.190925
-0.000896    -0.494436   -116.421701

 ELEM       152 ========== LENGTH =
4.980674
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COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.012525	0.462606	0.075690
0.000660	0.177544	7.439785	
0.25000	0.011693	0.486127	0.075690
0.000660	0.083531	7.142544	
0.50000	0.010950	0.516943	0.075690
0.000660	0.004048	6.916164	
0.75000	0.010164	0.546047	0.075690
0.000660	0.086787	6.816301	
1.00000	0.009563	0.577765	0.075690
0.000660	0.170001	6.789054	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.046085	-0.390589	-0.066749
-0.000230	-0.162442	-2.361568	
0.25000	-0.046686	-0.358884	-0.066749
-0.000230	-0.079332	-2.464815	
0.50000	-0.047472	-0.329778	-0.066749
-0.000230	-0.011214	-2.619612	
0.75000	-0.048215	-0.298963	-0.066749
-0.000230	-0.105249	-2.776095	
1.00000	-0.049047	-0.275445	-0.066749
-0.000230	-0.199440	-2.984198	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.365213	16.439209	0.121667
0.000808	0.305514	32.257096	
0.25000	3.253813	47.840353	0.121667
0.000808	0.154516	113.246322	
0.50000	2.262231	88.978932	0.121667
0.000808	0.037524	144.951577	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.213041	127.833167	0.121667
0.000808	0.142299	112.476567	
1.00000	0.410462	170.176317	0.121667
0.000808	0.262771	31.177563	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.448293	-169.821640	-0.096750
-0.000294	-0.240655	-112.477494	
0.25000	-1.250945	-127.495360	-0.096750
-0.000294	-0.129904	-42.797434	
0.50000	-2.300159	-88.638446	-0.096750
-0.000294	-0.056741	-41.936203	
0.75000	-3.291682	-47.501242	-0.096750
-0.000294	-0.182502	-43.326553	
1.00000	-4.402502	-16.104225	-0.096750
-0.000294	-0.327913	-113.628347	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.488955	17.227518	0.155733
0.000933	0.395090	37.966416	
0.25000	3.353080	49.320193	0.155733
0.000933	0.201569	120.460422	
0.50000	2.339661	91.364746	0.155733
0.000933	0.040638	152.691292	
0.75000	1.267365	131.074647	0.155733
0.000933	0.182148	119.501278	
1.00000	0.447111	174.350297	0.155733
0.000933	0.346661	36.521796	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465756	-173.884962	-0.132182
-0.000750	-0.333805	-116.354873	
0.25000	-1.286084	-130.626553	-0.132182
-0.000750	-0.179245	-45.243126	
0.50000	-2.358404	-90.913913	-0.132182
-0.000750	-0.065188	-44.465770	
0.75000	-3.371763	-48.870767	-0.132182
-0.000750	-0.220804	-45.989580	
1.00000	-4.507045	-16.782310	-0.132182
-0.000750	-0.408527	-117.942434	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.032092	0.456726	0.074119
0.000227	0.188125	7.385238	
0.25000	0.031260	0.480248	0.074119
0.000227	0.095790	7.095612	
0.50000	0.030517	0.511063	0.074119
0.000227	0.003835	6.876538	
0.75000	0.029731	0.540167	0.074119
0.000227	0.076213	6.787848	
1.00000	0.029130	0.571885	0.074119
0.000227	0.158496	6.770205	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024893	-0.397483	-0.066137
-0.000699	-0.171279	-2.382087	
0.25000	-0.025494	-0.365778	-0.066137
-0.000699	-0.089033	-2.495990	
0.50000	-0.026280	-0.336672	-0.066137
-0.000699	-0.011194	-2.661442	
0.75000	-0.027023	-0.305857	-0.066137
-0.000699	-0.088664	-2.828581	
1.00000	-0.027855	-0.282339	-0.066137
-0.000699	-0.181039	-3.047339	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.393351	16.430394	0.117553
0.000282	0.313708	32.186771	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.281952	47.831538	0.117553
0.000282	0.167296	113.185155	
0.50000	2.290369	88.970117	0.117553
0.000282	0.037274	144.897886	
0.75000	1.241180	127.824352	0.117553
0.000282	0.129980	112.437577	
1.00000	0.438600	170.167502	0.117553
0.000282	0.250349	31.151222	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.420287	-169.828851	-0.096764
-0.000854	-0.253385	-112.500934	
0.25000	-1.222938	-127.502571	-0.096764
-0.000854	-0.142941	-42.833380	
0.50000	-2.272152	-88.645656	-0.096764
-0.000854	-0.056504	-41.984707	
0.75000	-3.263675	-47.508453	-0.096764
-0.000854	-0.158479	-43.387615	
1.00000	-4.374495	-16.111436	-0.096764
-0.000854	-0.298881	-113.701967	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.493519	17.224806	0.157350
0.000725	0.404940	37.946716	
0.25000	3.357643	49.317480	0.157350
0.000725	0.209177	120.445678	
0.50000	2.344224	91.362033	0.157350
0.000725	0.040541	152.679226	
0.75000	1.271929	131.071934	0.157350
0.000725	0.176675	119.494315	
1.00000	0.451675	174.347585	0.157350
0.000725	0.339658	36.516749	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.459327	-173.887688	-0.131005
-0.000978	-0.335165	-116.364724	
0.25000	-1.279655	-130.629279	-0.131005
-0.000978	-0.182239	-45.257826	
0.50000	-2.351975	-90.916639	-0.131005
-0.000978	-0.065092	-44.485371	
0.75000	-3.365334	-48.873492	-0.131005
-0.000978	-0.217380	-46.014083	
1.00000	-4.500617	-16.785036	-0.131005
-0.000978	-0.406918	-117.971839	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.013979	0.561861	0.109704
0.000578	0.260619	7.734318	
0.25000	0.013515	0.570319	0.109704
0.000578	0.124067	7.466753	
0.50000	0.012989	0.589224	0.109704
0.000578	0.006851	7.227283	
0.75000	0.012507	0.609811	0.109704
0.000578	0.141129	7.045985	
1.00000	0.012276	0.627940	0.109704
0.000578	0.276196	6.893980	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.057708	-0.425713	-0.107859
-0.000200	-0.260112	-5.151181	
0.25000	-0.057939	-0.407586	-0.107859
-0.000200	-0.125431	-5.121228	
0.50000	-0.058421	-0.386999	-0.107859
-0.000200	-0.013801	-5.118169	
0.75000	-0.058947	-0.368099	-0.107859
-0.000200	-0.149419	-5.115371	
1.00000	-0.059411	-0.359645	-0.107859
-0.000200	-0.286006	-5.140185	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.867493	16.237878	0.167416
0.000690	0.413327	25.918114	
0.25000	2.926978	33.390952	0.167416
0.000690	0.207474	78.242178	
0.50000	1.860676	71.730662	0.167416
0.000690	0.032480	106.303493	
0.75000	0.881679	113.480598	0.167416
0.000690	0.221494	77.573666	
1.00000	0.414214	150.246990	0.167416
0.000690	0.411967	24.631835	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.445751	-149.843642	-0.153632
-0.000255	-0.373859	-94.435096	
0.25000	-0.913010	-113.081019	-0.153632
-0.000255	-0.194245	-39.806902	
0.50000	-1.891714	-71.330790	-0.153632
-0.000255	-0.058640	-39.740137	
0.75000	-2.957805	-33.000661	-0.153632
-0.000255	-0.245091	-40.014075	
1.00000	-3.898175	-15.857261	-0.153632
-0.000255	-0.442806	-94.899738	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.909172	16.765857	0.216438
0.000795	0.539928	31.272975	
0.25000	2.968378	33.924006	0.216438
0.000795	0.272870	83.291697	
0.50000	1.901761	72.275059	0.216438
0.000795	0.036713	111.077842	
0.75000	0.922474	114.037347	0.216438
0.000795	0.264223	82.358037	
1.00000	0.454871	150.814617	0.216438
0.000795	0.503223	29.484465	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.452057	-150.285581	-0.192689
-0.000638	-0.477353	-97.806196	
0.25000	-0.919455	-113.512081	-0.192689
-0.000638	-0.249138	-43.169359	
0.50000	-1.898448	-71.749500	-0.192689
-0.000638	-0.067423	-43.110045	
0.75000	-2.964854	-33.408031	-0.192689
-0.000638	-0.300993	-43.391534	
1.00000	-3.905503	-16.259558	-0.192689
-0.000638	-0.560212	-98.300849	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.045090	0.567174	0.101588
0.000198	0.257769	7.696743	
0.25000	0.044626	0.575632	0.101588
0.000198	0.131227	7.440738	
0.50000	0.044101	0.594538	0.101588
0.000198	0.006638	7.211621	
0.75000	0.043618	0.615124	0.101588
0.000198	0.096238	7.039920	
1.00000	0.043387	0.633254	0.101588
0.000198	0.200063	6.896319	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023081	-0.434857	-0.083420
-0.000633	-0.215672	-5.231232	
0.25000	-0.023311	-0.416730	-0.083420
-0.000633	-0.111736	-5.211968	
0.50000	-0.023794	-0.396143	-0.083420
-0.000633	-0.013852	-5.219593	
0.75000	-0.024320	-0.377242	-0.083420
-0.000633	-0.121301	-5.227399	
1.00000	-0.024783	-0.368789	-0.083420
-0.000633	-0.248172	-5.262080	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.909524	16.243199	0.155455
0.000242	0.404914	25.871208	
0.25000	2.969008	33.396274	0.155455
0.000242	0.213633	78.208214	
0.50000	1.902707	71.735984	0.155455
0.000242	0.032242	106.283667	
0.75000	0.923709	113.485920	0.155455
0.000242	0.165533	77.564670	
1.00000	0.456245	150.252312	0.155455
0.000242	0.318400	24.632981	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.403740	-149.853858	-0.123610
-0.000750	-0.318799	-94.529463	
0.25000	-0.871000	-113.091235	-0.123610
-0.000750	-0.177508	-39.913906	
0.50000	-1.849703	-71.341006	-0.123610
-0.000750	-0.058436	-39.859806	
0.75000	-2.915794	-33.010877	-0.123610
-0.000750	-0.207934	-40.146345	
1.00000	-3.856165	-15.867476	-0.123610
-0.000750	-0.391163	-95.044628	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.918534	16.769066	0.213760
0.000614	0.540081	31.258367	
0.25000	2.977740	33.927215	0.213760
0.000614	0.276296	83.281210	
0.50000	1.911123	72.278268	0.213760
0.000614	0.036612	111.072014	
0.75000	0.931836	114.040556	0.213760
0.000614	0.244197	82.356781	
1.00000	0.464233	150.817826	0.213760
0.000614	0.469791	29.487011	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.437745	-150.290258	-0.181486
-0.000852	-0.455579	-97.842441	
0.25000	-0.905143	-113.516758	-0.181486
-0.000852	-0.242177	-43.210483	
0.50000	-1.884136	-71.754177	-0.181486
-0.000852	-0.067376	-43.156024	
0.75000	-2.950542	-33.412708	-0.181486
-0.000852	-0.291104	-43.442259	
1.00000	-3.891191	-16.264235	-0.181486
-0.000852	-0.546701	-98.356330	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.493519	17.227518	0.157350
0.000933	0.404940	37.966416	
0.25000	3.357643	49.320193	0.157350
0.000933	0.209177	120.460422	
0.50000	2.344224	91.364746	0.157350
0.000933	0.040638	152.691292	
0.75000	1.271929	131.074647	0.157350
0.000933	0.182148	119.501278	
1.00000	0.451675	174.350297	0.157350
0.000933	0.346661	36.521796	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465756	-173.887688	-0.132182
-0.000978	-0.335165	-116.364724	
0.25000	-1.286084	-130.629279	-0.132182
-0.000978	-0.182239	-45.257826	
0.50000	-2.358404	-90.916639	-0.132182
-0.000978	-0.065188	-44.485371	
0.75000	-3.371763	-48.873492	-0.132182
-0.000978	-0.220804	-46.014083	
1.00000	-4.507045	-16.785036	-0.132182
-0.000978	-0.408527	-117.971839	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.918534	16.769066	0.216438
0.000795	0.540081	31.272975	
0.25000	2.977740	33.927215	0.216438
0.000795	0.276296	83.291697	
0.50000	1.911123	72.278268	0.216438
0.000795	0.036713	111.077842	
0.75000	0.931836	114.040556	0.216438
0.000795	0.264223	82.358037	
1.00000	0.464233	150.817826	0.216438
0.000795	0.503223	29.487011	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.452057	-150.290258	-0.192689
-0.000852	-0.477353	-97.842441	
0.25000	-0.919455	-113.516758	-0.192689
-0.000852	-0.249138	-43.210483	
0.50000	-1.898448	-71.754177	-0.192689
-0.000852	-0.067423	-43.156024	
0.75000	-2.964854	-33.412708	-0.192689
-0.000852	-0.300993	-43.442259	
1.00000	-3.905503	-16.264235	-0.192689
-0.000852	-0.560212	-98.356330	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.493519	17.227518	0.216438
0.000933	0.540081	37.966416	
0.25000	3.357643	49.320193	0.216438
0.000933	0.276296	120.460422	
0.50000	2.344224	91.364746	0.216438
0.000933	0.040638	152.691292	
0.75000	1.271929	131.074647	0.216438
0.000933	0.264223	119.501278	
1.00000	0.464233	174.350297	0.216438
0.000933	0.503223	36.521796	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465756	-173.887688	-0.192689
-0.000978	-0.477353	-116.364724	
0.25000	-1.286084	-130.629279	-0.192689
-0.000978	-0.249138	-45.257826	
0.50000	-2.358404	-90.916639	-0.192689
-0.000978	-0.067423	-44.485371	
0.75000	-3.371763	-48.873492	-0.192689
-0.000978	-0.300993	-46.014083	
1.00000	-4.507045	-16.785036	-0.192689
-0.000978	-0.560212	-117.971839	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.493519	17.227518	0.216438
0.000933	0.540081	37.966416	
0.25000	3.357643	49.320193	0.216438
0.000933	0.276296	120.460422	
0.50000	2.344224	91.364746	0.216438
0.000933	0.040638	152.691292	
0.75000	1.271929	131.074647	0.216438
0.000933	0.264223	119.501278	
1.00000	0.464233	174.350297	0.216438
0.000933	0.503223	36.521796	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465756	-173.887688	-0.192689
-0.000978	-0.477353	-116.364724	
0.25000	-1.286084	-130.629279	-0.192689
-0.000978	-0.249138	-45.257826	
0.50000	-2.358404	-90.916639	-0.192689
-0.000978	-0.067423	-44.485371	
0.75000	-3.371763	-48.873492	-0.192689
-0.000978	-0.300993	-46.014083	
1.00000	-4.507045	-16.785036	-0.192689
-0.000978	-0.560212	-117.971839	

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ELEM 153 ========== LENGTH = 4.979781

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.013626	0.583734	0.098787
0.000839	0.237434	6.809468	
0.25000	0.012786	0.607252	0.098787
0.000839	0.114496	6.333961	
0.50000	0.012039	0.638063	0.098787
0.000839	0.005299	5.913622	
0.75000	0.011247	0.667161	0.098787
0.000839	0.100799	5.607529	
1.00000	0.010642	0.698884	0.098787
0.000839	0.196856	5.414457	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049604	-0.283765	-0.077139
-9.23E-06	-0.187254	-3.000390	
0.25000	-0.050210	-0.252074	-0.077139
-9.23E-06	-0.091188	-3.097467	
0.50000	-0.051001	-0.222973	-0.077139
-9.23E-06	-0.009706	-3.246047	
0.75000	-0.051749	-0.192164	-0.077139
-9.23E-06	-0.131926	-3.396304	
1.00000	-0.052589	-0.168649	-0.077139
-9.23E-06	-0.254839	-3.598176	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.397353	16.668396	0.159228
0.001006	0.402523	31.239315	
0.25000	3.276572	48.065911	0.159228
0.001006	0.204481	111.838702	
0.50000	2.278034	89.197903	0.159228
0.001006	0.039938	143.123992	
0.75000	1.221810	128.043190	0.159228
0.001006	0.157462	110.278473	
1.00000	0.413224	170.394018	0.159228
0.001006	0.290748	28.687312	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.460423	-169.575734	-0.106997
-3.42E-07	-0.255828	-113.600672	
0.25000	-1.269063	-127.268161	-0.106997
-3.42E-07	-0.137355	-44.068010	
0.50000	-2.325305	-88.418617	-0.106997
-3.42E-07	-0.053972	-43.291931	
0.75000	-3.323787	-47.288266	-0.106997
-3.42E-07	-0.225258	-44.754681	
1.00000	-4.444889	-15.895673	-0.106997
-3.42E-07	-0.415677	-115.123283	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.518228	17.548038	0.182993
0.000896	0.466740	36.582770	
0.25000	3.372764	49.637003	0.182993
0.000896	0.239107	118.518546	
0.50000	2.352236	91.674824	0.182993
0.000896	0.043800	150.200616	
0.75000	1.272751	131.375580	0.182993
0.000896	0.181809	116.525203	
1.00000	0.446358	174.659078	0.182993
0.000896	0.343697	33.117106	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483136	-173.572856	-0.130109
-0.000598	-0.318513	-117.902440	
0.25000	-1.309584	-130.333566	-0.130109
-0.000598	-0.171687	-46.934617	
0.50000	-2.389087	-90.628459	-0.130109
-0.000598	-0.061415	-46.237565	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.409558	-48.592315	-0.130109
-0.000598	-0.250411	-47.828647	
1.00000	-4.555349	-16.508380	-0.130109
-0.000598	-0.470298	-119.843058	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.027299	0.578659	0.064909
8.93E-06	0.165979	6.759454	
0.25000	0.026459	0.602177	0.064909
8.93E-06	0.085142	6.290921	
0.50000	0.025711	0.632988	0.064909
8.93E-06	0.005013	5.875995	
0.75000	0.024920	0.662085	0.064909
8.93E-06	0.057412	5.578857	
1.00000	0.024314	0.693809	0.064909
8.93E-06	0.120777	5.392737	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.032284	-0.287582	-0.051067
-0.000859	-0.133722	-3.032112	
0.25000	-0.032890	-0.255891	-0.051067
-0.000859	-0.070212	-3.138061	
0.50000	-0.033681	-0.226790	-0.051067
-0.000859	-0.009597	-3.295513	
0.75000	-0.034429	-0.195981	-0.051067
-0.000859	-0.076361	-3.454641	
1.00000	-0.035269	-0.172466	-0.051067
-0.000859	-0.157267	-3.665385	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.418177	16.661410	0.113892
3.31E-07	0.306191	31.176138	
0.25000	3.297396	48.058925	0.113892
3.31E-07	0.164333	111.782618	
0.50000	2.298858	89.190917	0.113892
3.31E-07	0.039583	143.072748	
0.75000	1.242633	128.036204	0.113892
3.31E-07	0.104014	110.236447	
1.00000	0.434047	170.387033	0.113892
3.31E-07	0.197368	28.656608	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.436711	-169.578808	-0.075040
-0.001053	-0.190609	-113.637060	
0.25000	-1.245351	-127.271235	-0.075040
-0.001053	-0.112067	-44.114857	
0.50000	-2.301593	-88.421691	-0.075040
-0.001053	-0.053686	-43.349236	
0.75000	-3.300075	-47.291339	-0.075040
-0.001053	-0.151603	-44.822444	
1.00000	-4.421177	-15.898746	-0.075040
-0.001053	-0.285969	-115.201504	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.520203	17.545514	0.172370
0.000577	0.445243	36.563618	
0.25000	3.374739	49.634479	0.172370
0.000577	0.230699	118.502875	
0.50000	2.354211	91.672300	0.172370
0.000577	0.043675	150.188927	
0.75000	1.274726	131.373056	0.172370
0.000577	0.163581	116.517010	
1.00000	0.448333	174.656554	0.172370
0.000577	0.311575	33.111590	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.478537	-173.574622	-0.118915
-0.000938	-0.295245	-117.917467	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.304985	-130.335331	-0.118915
-0.000938	-0.162375	-46.953731	
0.50000	-2.384488	-90.630224	-0.118915
-0.000938	-0.061309	-46.260767	
0.75000	-3.404959	-48.594081	-0.118915
-0.000938	-0.232132	-47.855936	
1.00000	-4.550750	-16.510146	-0.118915
-0.000938	-0.438915	-119.874436	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014875	0.708459	0.136942
0.000809	0.330816	6.920926	
0.25000	0.014408	0.716929	0.136942
0.000809	0.160316	6.410731	
0.50000	0.013879	0.735831	0.136942
0.000809	0.007468	5.927061	
0.75000	0.013393	0.756417	0.136942
0.000809	0.166863	5.501134	
1.00000	0.013160	0.774546	0.136942
0.000809	0.326289	5.105622	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061989	-0.337877	-0.127779
-8.49E-06	-0.309346	-5.168386	
0.25000	-0.062222	-0.319756	-0.127779
-8.49E-06	-0.149780	-5.122587	
0.50000	-0.062708	-0.299173	-0.127779
-8.49E-06	-0.011530	-5.107130	
0.75000	-0.063238	-0.280279	-0.127779
-8.49E-06	-0.180893	-5.088553	
1.00000	-0.063705	-0.271820	-0.127779
-8.49E-06	-0.351311	-5.096912	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.896520	16.485487	0.214356
0.000913	0.530042	24.677403	
0.25000	2.949022	33.661598	0.214356
0.000913	0.266787	76.430367	
0.50000	1.875452	71.995572	0.214356
0.000913	0.034258	104.101570	
0.75000	0.889907	113.744340	0.214356
0.000913	0.260274	74.909341	
1.00000	0.417323	150.508601	0.214356
0.000913	0.489151	21.676496	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.458624	-149.645061	-0.183692
-1.97E-07	-0.442781	-94.892598	
0.25000	-0.931545	-112.895966	-0.183692
-1.97E-07	-0.227933	-40.246581	
0.50000	-1.917134	-71.153154	-0.183692
-1.97E-07	-0.054691	-40.275023	
0.75000	-2.990642	-32.835396	-0.183692
-1.97E-07	-0.299572	-40.559922	
1.00000	-3.938181	-15.679957	-0.183692
-1.97E-07	-0.555709	-95.551959	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.937247	17.114943	0.252870
0.000815	0.630735	29.528499	
0.25000	2.989469	34.296136	0.252870
0.000815	0.319362	80.817875	
0.50000	1.915581	72.641451	0.252870
0.000815	0.038771	108.043365	
0.75000	0.929745	114.402571	0.252870
0.000815	0.286623	78.696763	
1.00000	0.457021	151.177709	0.252870
0.000815	0.547105	25.377171	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.471716	-150.030208	-0.209075
-0.000534	-0.511266	-98.280630	
0.25000	-0.944777	-113.270240	-0.209075
-0.000534	-0.264934	-43.611500	
0.50000	-1.930657	-71.515078	-0.209075
-0.000534	-0.062179	-43.764925	
0.75000	-3.004483	-33.185983	-0.209075
-0.000534	-0.342579	-44.087844	
1.00000	-3.952303	-16.025469	-0.209075
-0.000534	-0.646793	-99.133996	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.043459	0.712959	0.090440
8.19E-06	0.230417	6.884016	
0.25000	0.042992	0.721429	0.090440
8.19E-06	0.117380	6.380394	
0.50000	0.042463	0.740331	0.090440
8.19E-06	0.007223	5.904011	
0.75000	0.041977	0.760917	0.090440
8.19E-06	0.076275	5.484195	
1.00000	0.041744	0.779046	0.090440
8.19E-06	0.159222	5.093893	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.032787	-0.343618	-0.066614
-0.000815	-0.172401	-5.246818	
0.25000	-0.033020	-0.325498	-0.066614
-0.000815	-0.089383	-5.208672	
0.50000	-0.033506	-0.304914	-0.066614
-0.000815	-0.011543	-5.197451	
0.75000	-0.034036	-0.286020	-0.066614
-0.000815	-0.106696	-5.186306	
1.00000	-0.034503	-0.277561	-0.066614
-0.000815	-0.219499	-5.202099	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.936406	16.490481	0.154473
1.85E-07	0.400325	24.632219	
0.25000	2.988908	33.666593	0.154473
1.85E-07	0.210782	76.392927	
0.50000	1.915338	72.000567	0.154473
1.85E-07	0.033892	104.072597	
0.75000	0.929794	113.749334	0.154473
1.85E-07	0.148200	74.886962	
1.00000	0.457209	150.513595	0.154473
1.85E-07	0.282524	21.658067	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.423593	-149.650941	-0.108052
-0.000970	-0.273516	-94.986140	
0.25000	-0.896514	-112.901846	-0.108052
-0.000970	-0.153549	-40.349910	
0.50000	-1.882103	-71.159034	-0.108052
-0.000970	-0.054554	-40.388234	
0.75000	-2.955610	-32.841276	-0.108052
-0.000970	-0.205061	-40.683017	
1.00000	-3.903150	-15.685837	-0.108052
-0.000970	-0.386799	-95.684947	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.945155	17.117328	0.235354
0.000515	0.593170	29.513346	
0.25000	2.997376	34.298522	0.235354
0.000515	0.303421	80.805713	
0.50000	1.923489	72.643837	0.235354
0.000515	0.038638	108.034553	
0.75000	0.937653	114.404956	0.235354
0.000515	0.248991	78.691842	
1.00000	0.464928	151.180094	0.235354
0.000515	0.477514	25.374460	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.459612	-150.033677	-0.183467
-0.000866	-0.453494	-98.316553	
0.25000	-0.932673	-113.273709	-0.183467
-0.000866	-0.239090	-43.651148	
0.50000	-1.918554	-71.518547	-0.183467
-0.000866	-0.062206	-43.676478	
0.75000	-2.992379	-33.189452	-0.183467
-0.000866	-0.314503	-43.958266	
1.00000	-3.940199	-16.028937	-0.183467
-0.000866	-0.596865	-98.963324	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.520203	17.548038	0.182993
0.001006	0.466740	36.582770	
0.25000	3.374739	49.637003	0.182993
0.001006	0.239107	118.518546	
0.50000	2.354211	91.674824	0.182993
0.001006	0.043800	150.200616	
0.75000	1.274726	131.375580	0.182993
0.001006	0.181809	116.525203	
1.00000	0.448333	174.659078	0.182993
0.001006	0.343697	33.117106	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483136	-173.574622	-0.130109
-0.001053	-0.318513	-117.917467	
0.25000	-1.309584	-130.335331	-0.130109
-0.001053	-0.171687	-46.953731	
0.50000	-2.389087	-90.630224	-0.130109
-0.001053	-0.061415	-46.260767	
0.75000	-3.409558	-48.594081	-0.130109
-0.001053	-0.250411	-47.855936	
1.00000	-4.555349	-16.510146	-0.130109
-0.001053	-0.470298	-119.874436	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.945155	17.117328	0.252870
0.000913	0.630735	29.528499	
0.25000	2.997376	34.298522	0.252870
0.000913	0.319362	80.817875	
0.50000	1.923489	72.643837	0.252870
0.000913	0.038771	108.043365	
0.75000	0.937653	114.404956	0.252870
0.000913	0.286623	78.696763	
1.00000	0.464928	151.180094	0.252870
0.000913	0.547105	25.377171	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.471716	-150.033677	-0.209075
-0.000970	-0.511266	-98.316553	
0.25000	-0.944777	-113.273709	-0.209075
-0.000970	-0.264934	-43.651148	
0.50000	-1.930657	-71.518547	-0.209075
-0.000970	-0.062206	-43.764925	
0.75000	-3.004483	-33.189452	-0.209075
-0.000970	-0.342579	-44.087844	
1.00000	-3.952303	-16.028937	-0.209075
-0.000970	-0.646793	-99.133996	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.520203	17.548038	0.252870
0.001006	0.630735	36.582770	
0.25000	3.374739	49.637003	0.252870
0.001006	0.319362	118.518546	
0.50000	2.354211	91.674824	0.252870
0.001006	0.043800	150.200616	
0.75000	1.274726	131.375580	0.252870
0.001006	0.286623	116.525203	
1.00000	0.464928	174.659078	0.252870
0.001006	0.547105	33.117106	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483136	-173.574622	-0.209075
-0.001053	-0.511266	-117.917467	
0.25000	-1.309584	-130.335331	-0.209075
-0.001053	-0.264934	-46.953731	
0.50000	-2.389087	-90.630224	-0.209075
-0.001053	-0.062206	-46.260767	
0.75000	-3.409558	-48.594081	-0.209075
-0.001053	-0.342579	-47.855936	
1.00000	-4.555349	-16.510146	-0.209075
-0.001053	-0.646793	-119.874436	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.520203	17.548038	0.252870
0.001006	0.630735	36.582770	
0.25000	3.374739	49.637003	0.252870
0.001006	0.319362	118.518546	
0.50000	2.354211	91.674824	0.252870
0.001006	0.043800	150.200616	
0.75000	1.274726	131.375580	0.252870
0.001006	0.286623	116.525203	
1.00000	0.464928	174.659078	0.252870
0.001006	0.547105	33.117106	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483136	-173.574622	-0.209075
-0.001053	-0.511266	-117.917467	
0.25000	-1.309584	-130.335331	-0.209075
-0.001053	-0.264934	-46.953731	
0.50000	-2.389087	-90.630224	-0.209075
-0.001053	-0.062206	-46.260767	
0.75000	-3.409558	-48.594081	-0.209075
-0.001053	-0.342579	-47.855936	
1.00000	-4.555349	-16.510146	-0.209075
-0.001053	-0.646793	-119.874436	

ELEM 154 ========== LENGTH = 4.980886

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.012807	0.765958	0.114569
0.000977	0.280816	5.441024	
0.25000	0.011975	0.789491	0.114569
0.000977	0.138189	4.656096	
0.50000	0.011232	0.820321	0.114569
0.000977	0.005408	3.903498	
0.75000	0.010446	0.849429	0.114569
0.000977	0.115743	3.231966	
1.00000	0.009845	0.881180	0.114569
0.000977	0.226523	2.700709	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049707	-0.246153	-0.088927
-1.04E-05	-0.216406	-3.617201	
0.25000	-0.050308	-0.214497	-0.088927
-1.04E-05	-0.105696	-3.453721	
0.50000	-0.051095	-0.185376	-0.088927
-1.04E-05	-0.006339	-3.341791	
0.75000	-0.051838	-0.154550	-0.088927
-1.04E-05	-0.147422	-3.231536	
1.00000	-0.052670	-0.131031	-0.088927
-1.04E-05	-0.289965	-3.173069	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.357220	17.054659	0.184461
0.001179	0.472326	28.682651	
0.25000	3.247354	48.471509	0.184461
0.001179	0.242714	108.797412	
0.50000	2.255474	89.629482	0.184461
0.001179	0.041836	139.436795	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.205993	128.488615	0.184461
0.001179	0.180109	105.890141	
1.00000	0.403348	170.875811	0.184461
0.001179	0.333885	23.644185	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.460210	-169.278539	-0.123481
-3.85E-07	-0.295298	-115.185958	
0.25000	-1.263084	-127.017691	-0.123481
-3.85E-07	-0.154232	-45.435441	
0.50000	-2.312643	-88.141334	-0.123481
-3.85E-07	-0.047720	-44.503737	
0.75000	-3.304325	-46.989507	-0.123481
-3.85E-07	-0.247496	-45.809445	
1.00000	-4.416302	-15.591098	-0.123481
-3.85E-07	-0.465713	-116.251275	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.469134	18.053928	0.198373
0.001051	0.511316	33.098893	
0.25000	3.334825	50.162654	0.198373
0.001051	0.264329	114.363441	
0.50000	2.321102	92.227028	0.198373
0.001051	0.045907	145.185380	
0.75000	1.248509	131.941935	0.198373
0.001051	0.191061	110.565828	
1.00000	0.428188	175.262602	0.198373
0.001051	0.359396	26.281966	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.487755	-173.110988	-0.135218
-0.000689	-0.328686	-119.898375	
0.25000	-1.308311	-129.919451	-0.135218
-0.000689	-0.173420	-48.546710	
0.50000	-2.380983	-90.186941	-0.135218
-0.000689	-0.052952	-47.529417	
0.75000	-3.394504	-48.128849	-0.135218
-0.000689	-0.261232	-48.798810	
1.00000	-4.530970	-16.038969	-0.135218
-0.000689	-0.496533	-120.726874	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.019978	0.756067	0.054457
9.94E-06	0.140078	5.386147	
0.25000	0.019146	0.779601	0.054457
9.94E-06	0.072251	4.614908	
0.50000	0.018403	0.810431	0.054457
9.94E-06	0.005266	3.873403	
0.75000	0.017617	0.839539	0.054457
9.94E-06	0.042106	3.213617	
1.00000	0.017016	0.871289	0.054457
9.94E-06	0.089058	2.694460	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039630	-0.247784	-0.037714
-0.001017	-0.098896	-3.653182	
0.25000	-0.040231	-0.216128	-0.037714
-0.001017	-0.052071	-3.493447	
0.50000	-0.041017	-0.187007	-0.037714
-0.001017	-0.006104	-3.385261	
0.75000	-0.041760	-0.156182	-0.037714
-0.001017	-0.063458	-3.278752	
1.00000	-0.042593	-0.132662	-0.037714

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-0.001017   -0.131283   -3.224030

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.365282    17.041450     0.105767
3.68E-07     0.287567    28.612436
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 REL DIST            P            V2           V3
    T           M2           M3
 0.25000     3.255416    48.458300     0.105767
3.68E-07     0.155766   108.742702
 0.50000     2.263537    89.616273     0.105767
3.68E-07     0.041683   139.394728
 0.75000     1.214055   128.475405     0.105767
3.68E-07     0.088141   105.863113
 1.00000     0.411410   170.862602     0.105767
3.68E-07     0.162457    23.632025

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.444820  -169.280395    -0.059793
-0.001230   -0.149643  -115.227203
 0.25000    -1.247694  -127.019547    -0.059793
-0.001230   -0.087883   -45.481149
 0.50000    -2.297253   -88.143190    -0.059793
-0.001230   -0.047423   -44.553939
 0.75000    -3.288935   -46.991363    -0.059793
-0.001230   -0.138042   -45.864141
 1.00000    -4.400912   -15.592954    -0.059793
-0.001230   -0.258354  -116.310466

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.467400    18.049532     0.177834
0.000665     0.463649    33.078646
 0.25000     3.333091    50.158258     0.177834
0.000665     0.242186   114.349189
 0.50000     2.319368    92.222632     0.177834
0.000665     0.045849   145.177875
 0.75000     1.246775   131.937538     0.177834
0.000665     0.161036   110.563119
 1.00000     0.426454   175.258206     0.177834
0.000665     0.303335    26.283233

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.486533  -173.112722    -0.114366
-0.001101   -0.280864  -119.915498
 0.25000    -1.307089  -129.921186    -0.114366
-0.001101   -0.151429   -48.565484
 0.50000    -2.379761   -90.188675    -0.114366
-0.001101   -0.052841   -47.549881
 0.75000    -3.393283   -48.130584    -0.114366
-0.001101   -0.232112   -48.820964
 1.00000    -4.529748   -16.040704    -0.114366
-0.001101   -0.441901  -120.750718

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     0.017113     0.821707     0.155283
0.000982     0.381412     5.139987
 0.25000     0.016649     0.830177     0.155283
0.000982     0.188097     4.295709
 0.50000     0.016124     0.849092     0.155283
0.000982     0.006785     3.461349
 0.75000     0.015641     0.869694     0.155283
0.000982     0.190322     2.743072
 1.00000     0.015411     0.887831     0.155283
0.000982     0.373780     2.248393

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.056701    -0.336396    -0.147132
-9.86E-06   -0.358533    -5.129351
 0.25000    -0.056972    -0.318270    -0.147132
-9.86E-06   -0.174979    -4.768494
 0.50000    -0.057415    -0.297679    -0.147132
-9.86E-06   -0.006736    -4.436682
 0.75000    -0.057941    -0.278780    -0.147132
-9.86E-06   -0.198854    -4.209571
 1.00000    -0.058405    -0.270355    -0.147132
-9.86E-06   -0.392238    -4.244223
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 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.873770    16.703525     0.246850
0.001140     0.619277    21.712202
 0.25000     2.933301    33.879877     0.246850
0.001140     0.315473    72.805154
 0.50000     1.866832    72.240676     0.246850
0.001140     0.034348    99.851449
 0.75000     0.888115   114.021263     0.246850
0.001140     0.300931    69.984169
 1.00000     0.421986   150.803377     0.246850
0.001140     0.571386    16.993416

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.458029  -149.479922    -0.216652
-2.29E-07   -0.521679   -95.635129
 0.25000    -0.925860  -112.720676    -0.216652
-2.29E-07   -0.266937   -40.579467
 0.50000    -1.905148   -70.961950    -0.216652
-2.29E-07   -0.046367   -40.263847
 0.75000    -2.971814   -32.635021    -0.216652
-2.29E-07   -0.330475   -40.261365
 1.00000    -3.912547   -15.549003    -0.216652
-2.29E-07   -0.625896   -95.870333

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.912021    17.391578     0.273936
0.001019     0.692097    25.400632
 0.25000     2.971274    34.573011     0.273936
0.001019     0.354647    75.817464
 0.50000     1.904489    72.945159     0.273936
0.001019     0.038532   102.194337
 0.75000     0.925483   114.738108     0.273936
0.001019     0.313927    71.975515
 1.00000     0.459216   151.531104     0.273936
0.001019     0.601617    18.836116

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.478826  -149.782062    -0.230551
-0.000668   -0.560607   -99.208598
 0.25000    -0.946795  -113.011940    -0.230551
-0.000668   -0.288496   -43.944588
 0.50000    -1.926372   -71.240860    -0.230551
-0.000668   -0.050728   -43.634104
 0.75000    -2.993354   -32.902591    -0.230551
-0.000668   -0.359067   -43.488031
 1.00000    -3.934365   -15.811518    -0.230551
-0.000668   -0.688031   -98.899777

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     0.041107     0.811611     0.077204
9.28E-06     0.198547     5.089257
 0.25000     0.040643     0.820080     0.077204
9.28E-06     0.102307     4.255248
 0.50000     0.040117     0.838996     0.077204
9.28E-06     0.006639     3.433076
 0.75000     0.039635     0.859598     0.077204
9.28E-06     0.061257     2.732041
 1.00000     0.039405     0.877735     0.077204
9.28E-06     0.127964     2.252613

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.043601    -0.336289    -0.053335
-0.001040   -0.137426    -5.191366
 0.25000    -0.043832    -0.318164    -0.053335
-0.001040   -0.070757    -4.831632
 0.50000    -0.044315    -0.297573    -0.053335
-0.001040   -0.006665    -4.498780
 0.75000    -0.044841    -0.278674    -0.053335
-0.001040   -0.089469    -4.284844
 1.00000    -0.045304    -0.270249    -0.053335
-0.001040   -0.185831    -4.328489
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.906052    16.691739     0.147226
2.15E-07     0.386006    21.647531
 0.25000     2.965583    33.868090     0.147226
2.15E-07     0.205906    72.754095
 0.50000     1.899114    72.228889     0.147226
2.15E-07     0.034183    99.814887
 0.75000     0.920397   114.009476     0.147226
2.15E-07     0.140674    69.967831
 1.00000     0.454268   150.791590     0.147226
2.15E-07     0.265610    16.992480

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.440389  -149.480072    -0.100120
-0.001210   -0.247346   -95.717062
 0.25000    -0.908219  -112.720826    -0.100120
-0.001210   -0.138022   -40.663081
 0.50000    -1.887507   -70.962101    -0.100120
-0.001210   -0.046145   -40.349065
 0.75000    -2.954174   -32.635171    -0.100120
-0.001210   -0.191280   -40.359682
 1.00000    -3.894906   -15.549153    -0.100120
-0.001210   -0.362760   -95.978064

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.919120    17.387681     0.244405
0.000642     0.623004    25.380403
 0.25000     2.978373    34.569114     0.244405
0.000642     0.321995    75.802233
 0.50000     1.911588    72.941263     0.244405
0.000642     0.038465   102.184464
 0.75000     0.932582   114.734211     0.244405
0.000642     0.261460    71.974256
 1.00000     0.466315   151.527208     0.244405
0.000642     0.501314    18.841540

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.474979  -149.782389    -0.192201
-0.001124   -0.469952   -99.020167
 0.25000    -0.942948  -113.012267    -0.192201
-0.001124   -0.245626   -43.734258
 0.50000    -1.922525   -71.241188    -0.192201
-0.001124   -0.050724   -43.204720
 0.75000    -2.989507   -32.902919    -0.192201
-0.001124   -0.317373   -43.077466
 1.00000    -3.930518   -15.811846    -0.192201
-0.001124   -0.609820   -98.731225

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.469134    18.053928     0.198373
0.001179     0.511316    33.098893
 0.25000     3.334825    50.162654     0.198373
0.001179     0.264329   114.363441
 0.50000     2.321102    92.227028     0.198373
0.001179     0.045907   145.185380
 0.75000     1.248509   131.941935     0.198373
0.001179     0.191061   110.565828
 1.00000     0.428188   175.262602     0.198373
0.001179     0.359396    26.283233

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.487755  -173.112722    -0.135218
-0.001230   -0.328686  -119.915498
 0.25000    -1.308311  -129.921186    -0.135218
-0.001230   -0.173420   -48.565484
 0.50000    -2.380983   -90.188675    -0.135218
-0.001230   -0.052952   -47.549881
 0.75000    -3.394504   -48.130584    -0.135218
-0.001230   -0.261232   -48.820964
 1.00000    -4.530970   -16.040704    -0.135218
-0.001230   -0.496533  -120.750718
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 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     3.919120    17.391578     0.273936
0.001140     0.692097    25.400632
 0.25000     2.978373    34.573011     0.273936
0.001140     0.354647    75.817464
 0.50000     1.911588    72.945159     0.273936
0.001140     0.038532   102.194337
 0.75000     0.932582   114.738108     0.273936
0.001140     0.313927    71.975515
 1.00000     0.466315   151.531104     0.273936
0.001140     0.601617    18.841540

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.478826  -149.782389    -0.230551
-0.001210   -0.560607   -99.208598
 0.25000    -0.946795  -113.012267    -0.230551
-0.001210   -0.288496   -43.944588
 0.50000    -1.926372   -71.241188    -0.230551
-0.001210   -0.050728   -43.634104
 0.75000    -2.993354   -32.902919    -0.230551
-0.001210   -0.359067   -43.488031
 1.00000    -3.934365   -15.811846    -0.230551
-0.001210   -0.688031   -98.899777

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.469134    18.053928     0.273936
0.001179     0.692097    33.098893
 0.25000     3.334825    50.162654     0.273936
0.001179     0.354647   114.363441
 0.50000     2.321102    92.227028     0.273936
0.001179     0.045907   145.185380
 0.75000     1.248509   131.941935     0.273936
0.001179     0.313927   110.565828
 1.00000     0.466315   175.262602     0.273936
0.001179     0.601617    26.283233

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.487755  -173.112722    -0.230551
-0.001230   -0.560607  -119.915498
 0.25000    -1.308311  -129.921186    -0.230551
-0.001230   -0.288496   -48.565484
 0.50000    -2.380983   -90.188675    -0.230551
-0.001230   -0.052952   -47.549881
 0.75000    -3.394504   -48.130584    -0.230551
-0.001230   -0.359067   -48.820964
 1.00000    -4.530970   -16.040704    -0.230551
-0.001230   -0.688031  -120.750718

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.469134    18.053928     0.273936
0.001179     0.692097    33.098893
 0.25000     3.334825    50.162654     0.273936
0.001179     0.354647   114.363441
 0.50000     2.321102    92.227028     0.273936
0.001179     0.045907   145.185380
 0.75000     1.248509   131.941935     0.273936
0.001179     0.313927   110.565828
 1.00000     0.466315   175.262602     0.273936
0.001179     0.601617    26.283233

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.487755  -173.112722    -0.230551
-0.001230   -0.560607  -119.915498
 0.25000    -1.308311  -129.921186    -0.230551
-0.001230   -0.288496   -48.565484
 0.50000    -2.380983   -90.188675    -0.230551
-0.001230   -0.052952   -47.549881
 0.75000    -3.394504   -48.130584    -0.230551
-0.001230   -0.359067   -48.820964
 1.00000    -4.530970   -16.040704    -0.230551
-0.001230   -0.688031  -120.750718
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 ELEM      155 ========== LENGTH =
4.981108

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     0.018849     0.540665     0.120347
0.001029     0.299271     2.726472
 0.25000     0.018012     0.564230     0.120347
0.001029     0.149396     2.209340
 0.50000     0.017262     0.595098     0.120347
0.001029     0.004549     1.708404
 0.75000     0.016470     0.624205     0.120347
0.001029     0.129308     1.261711
 1.00000     0.015864     0.655979     0.120347
0.001029     0.254072     0.911703

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.031767    -0.196210    -0.100179
-1.05E-05   -0.245002    -3.195180
 0.25000    -0.032373    -0.164593    -0.100179
-1.05E-05   -0.120268    -3.080460
 0.50000    -0.033166    -0.135438    -0.100179
-1.05E-05   -0.002612    -3.017383
 0.75000    -0.033914    -0.104588    -0.100179
-1.05E-05   -0.150446    -2.955835
 1.00000    -0.034754    -0.081075    -0.100179
-1.05E-05   -0.300229    -2.946423

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.403899    16.462311     0.191646
0.001246     0.497141    23.638838
 0.25000     3.286413    47.921939     0.191646
0.001246     0.258545   104.357166
 0.50000     2.286185    89.131033     0.191646
0.001246     0.042381   135.650437
 0.75000     1.228466   127.989212     0.191646
0.001246     0.205525   102.968848
 1.00000     0.419580   170.406900     0.191646
0.001246     0.384330    21.099813

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.437056  -169.360355    -0.143821
-3.91E-07   -0.349437  -116.318221
 0.25000    -1.247061  -127.152332    -0.143821
-3.91E-07   -0.177686   -46.226597
 0.50000    -2.305153   -88.230334    -0.143821
-3.91E-07   -0.041400   -45.078619
 0.75000    -3.304448   -47.044622    -0.143821
-3.91E-07   -0.246759   -45.971346
 1.00000    -4.424717   -15.655139    -0.143821
-3.91E-07   -0.468495  -116.461836

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.511707    17.276518     0.198003
0.001114     0.516159    26.263187
 0.25000     3.369612    49.428965     0.198003
0.001114     0.269664   108.339185
 0.50000     2.347356    91.545585     0.198003
0.001114     0.045987   139.989019
 0.75000     1.266344   131.259517     0.198003
0.001114     0.207031   106.398562
 1.00000     0.439644   174.611348     0.198003
0.001114     0.389953    22.637080

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.467006  -173.230048    -0.147135
-0.000713   -0.360704  -120.788601
 0.25000    -1.294850  -130.092500    -0.147135
-0.000713   -0.184990   -49.118146
 0.50000    -2.376244   -90.313343    -0.147135
-0.000713   -0.044381   -47.909646
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 REL DIST            P            V2           V3
    T           M2           M3
 0.75000    -3.397545   -48.220620    -0.147135
-0.000713   -0.252172   -48.786814
 1.00000    -4.542486   -16.139863    -0.147135
-0.000713   -0.481450  -120.794567

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     0.021916     0.532482     0.044526
1.01E-05     0.114760     2.688402
 0.25000     0.021079     0.556048     0.044526
1.01E-05     0.059255     2.183036
 0.50000     0.020330     0.586916     0.044526
1.01E-05     0.004553     1.691326
 0.75000     0.019537     0.616023     0.044526
1.01E-05     0.033294     1.253844
 1.00000     0.018931     0.647797     0.044526
1.01E-05     0.069060     0.912555

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.041263    -0.197504    -0.028727
-0.001069   -0.074017    -3.214819
 0.25000    -0.041870    -0.165888    -0.028727
-0.001069   -0.038235    -3.106101
 0.50000    -0.042662    -0.136733    -0.028727
-0.001069   -0.002528    -3.049025
 0.75000    -0.043411    -0.105882    -0.028727
-0.001069   -0.051665    -2.993478
 1.00000    -0.044250    -0.082369    -0.028727
-0.001069   -0.107105    -2.990066

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.406124    16.451188     0.093302
3.76E-07     0.257433    23.588399
 0.25000     3.288638    47.910817     0.093302
3.76E-07     0.141151   104.320369
 0.50000     2.288410    89.119911     0.093302
3.76E-07     0.042398   135.624422
 0.75000     1.230691   127.978090     0.093302
3.76E-07     0.084690   102.955499
 1.00000     0.421805   170.395778     0.093302
3.76E-07     0.151962    21.097675

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.445263  -169.361789    -0.054254
-0.001288   -0.135642  -116.340297
 0.25000    -1.255269  -127.153766    -0.054254
-0.001288   -0.075454   -46.255854
 0.50000    -2.313361   -88.231768    -0.054254
-0.001288   -0.041099   -45.115062
 0.75000    -3.312655   -47.046056    -0.054254
-0.001288   -0.118987   -46.014975
 1.00000    -4.432924   -15.656573    -0.054254
-0.001288   -0.218328  -116.512650

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     4.514468    17.272928     0.171333
0.000689     0.451441    26.250625
 0.25000     3.372373    49.425375     0.171333
0.000689     0.238043   108.331202
 0.50000     2.350117    91.541995     0.171333
0.000689     0.046042   139.986689
 0.75000     1.269105   131.255928     0.171333
0.000689     0.169204   106.399527
 1.00000     0.442405   174.607758     0.171333
0.000689     0.316649    22.639245

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -0.474205  -173.233560    -0.118635
-0.001148   -0.292033  -120.798119
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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.302049	-130.096012	-0.118635
-0.001148	-0.151839	-49.130424	
0.50000	-2.383442	-90.316855	-0.118635
-0.001148	-0.044202	-47.924686	
0.75000	-3.404744	-48.224132	-0.118635
-0.001148	-0.217036	-48.804593	
1.00000	-4.549684	-16.143375	-0.118635
-0.001148	-0.413162	-120.814978	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.025208	0.592509	0.161908
0.001085	0.402681	2.270445	
0.25000	0.024740	0.601008	0.161908
0.001085	0.201111	1.870816	
0.50000	0.024210	0.619943	0.161908
0.001085	0.006237	1.534322	
0.75000	0.023723	0.640558	0.161908
0.001085	0.209224	1.282017	
1.00000	0.023493	0.658692	0.161908
0.001085	0.413273	1.138691	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036136	-0.224528	-0.163610
-1.03E-05	-0.401120	-4.261511	
0.25000	-0.036369	-0.206378	-0.163610
-1.03E-05	-0.197155	-4.311505	
0.50000	-0.036856	-0.185770	-0.163610
-1.03E-05	-0.002531	-4.450139	
0.75000	-0.037386	-0.166851	-0.163610
-1.03E-05	-0.202203	-4.663757	
1.00000	-0.037853	-0.158482	-0.163610
-1.03E-05	-0.403832	-4.989892	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.919953	16.167578	0.258017
0.001314	0.657000	17.011146	
0.25000	2.971263	33.403722	0.258017
0.001314	0.338195	68.710364	
0.50000	1.896216	71.804389	0.258017
0.001314	0.034955	96.696899	
0.75000	0.909575	113.610582	0.258017
0.001314	0.336495	67.688530	
1.00000	0.442049	150.386249	0.258017
0.001314	0.644853	15.935206	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.433463	-149.544933	-0.247213
-2.40E-07	-0.599018	-95.933096	
0.25000	-0.905041	-112.735834	-0.247213
-2.40E-07	-0.306460	-41.014395	
0.50000	-1.892187	-70.943121	-0.247213
-2.40E-07	-0.039642	-41.117426	
0.75000	-2.967068	-32.574785	-0.247213
-2.40E-07	-0.334574	-41.421186	
1.00000	-3.915012	-15.604107	-0.247213
-2.40E-07	-0.642690	-97.396271	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.951379	16.683769	0.273017
0.001197	0.699770	18.840137	
0.25000	3.002409	33.925012	0.273017
0.001197	0.362280	70.198097	
0.50000	1.927043	72.337040	0.273017
0.001197	0.038933	97.875985	
0.75000	0.940111	114.155602	0.273017
0.001197	0.339576	68.830415	
1.00000	0.472447	150.942149	0.273017
0.001197	0.654270	17.151140	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.458308	-149.807452	-0.252288
-0.000711	-0.614750	-98.954510	
0.25000	-0.930025	-112.987463	-0.252288
-0.000711	-0.315771	-44.221032	
0.50000	-1.917464	-71.182385	-0.252288
-0.000711	-0.041589	-44.373471	
0.75000	-2.992663	-32.802697	-0.252288
-0.000711	-0.348029	-44.767420	
1.00000	-3.940887	-15.826998	-0.252288
-0.000711	-0.674752	-100.901279	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.036580	0.584210	0.061801
9.77E-06	0.160738	2.243529	
0.25000	0.036112	0.592709	0.061801
9.77E-06	0.083625	1.857160	
0.50000	0.035582	0.611645	0.061801
9.77E-06	0.006304	1.534008	
0.75000	0.035096	0.632259	0.061801
9.77E-06	0.052041	1.291322	
1.00000	0.034865	0.650393	0.061801
9.77E-06	0.107510	1.154206	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049704	-0.221471	-0.044317
-0.001147	-0.112803	-4.313066	
0.25000	-0.049936	-0.203321	-0.044317
-0.001147	-0.057338	-4.372288	
0.50000	-0.050423	-0.182713	-0.044317
-0.001147	-0.002484	-4.519987	
0.75000	-0.050953	-0.163794	-0.044317
-0.001147	-0.069870	-4.740275	
1.00000	-0.051421	-0.155426	-0.044317
-0.001147	-0.146933	-5.071365	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.933471	16.157385	0.130411
2.26E-07	0.348742	16.973955	
0.25000	2.984781	33.393528	0.130411
2.26E-07	0.188736	68.690478	
0.50000	1.909734	71.794196	0.130411
2.26E-07	0.035081	96.693135	
0.75000	0.923093	113.600389	0.130411
2.26E-07	0.139995	67.696476	
1.00000	0.455568	150.376055	0.130411
2.26E-07	0.262816	15.948813	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.446627	-149.541919	-0.098347
-0.001357	-0.239785	-96.002458	
0.25000	-0.918205	-112.732821	-0.098347
-0.001357	-0.132784	-41.096273	
0.50000	-1.905352	-70.940107	-0.098347
-0.001357	-0.039463	-41.208792	
0.75000	-2.980233	-32.571771	-0.098347
-0.001357	-0.165753	-41.519523	
1.00000	-3.928176	-15.601093	-0.098347
-0.001357	-0.315044	-97.498176	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.953399	16.680750	0.235238
0.000686	0.608369	18.831641	
0.25000	3.004429	33.921992	0.235238
0.000686	0.317816	70.195590	
0.50000	1.929063	72.334021	0.235238
0.000686	0.039010	97.878924	
0.75000	0.942131	114.152583	0.235238
0.000686	0.276896	68.837798	
1.00000	0.474467	150.939130	0.235238
0.000686	0.532065	17.160035	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.466924	-149.806551	-0.204440
-0.001213	-0.498638	-98.770520	
0.25000	-0.938641	-112.986562	-0.204440
-0.001213	-0.259236	-43.903997	
0.50000	-1.926080	-71.181484	-0.204440
-0.001213	-0.041474	-44.106970	
0.75000	-3.001279	-32.801796	-0.204440
-0.001213	-0.297778	-44.557778	
1.00000	-3.949503	-15.826097	-0.204440
-0.001213	-0.577570	-100.754665	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.514468	17.276518	0.198003
0.001246	0.516159	26.263187	
0.25000	3.372373	49.428965	0.198003
0.001246	0.269664	108.339185	
0.50000	2.350117	91.545585	0.198003
0.001246	0.046042	139.989019	
0.75000	1.269105	131.259517	0.198003
0.001246	0.207031	106.399527	
1.00000	0.442405	174.611348	0.198003
0.001246	0.389953	22.639245	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474205	-173.233560	-0.147135
-0.001288	-0.360704	-120.798119	
0.25000	-1.302049	-130.096012	-0.147135
-0.001288	-0.184990	-49.130424	
0.50000	-2.383442	-90.316855	-0.147135
-0.001288	-0.044381	-47.924686	
0.75000	-3.404744	-48.224132	-0.147135
-0.001288	-0.252172	-48.804593	
1.00000	-4.549684	-16.143375	-0.147135
-0.001288	-0.481450	-120.814978	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.953399	16.683769	0.273017
0.001314	0.699770	18.840137	
0.25000	3.004429	33.925012	0.273017
0.001314	0.362280	70.198097	
0.50000	1.929063	72.337040	0.273017
0.001314	0.039010	97.878924	
0.75000	0.942131	114.155602	0.273017
0.001314	0.339576	68.837798	
1.00000	0.474467	150.942149	0.273017
0.001314	0.654270	17.160035	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.466924	-149.807452	-0.252288
-0.001357	-0.614750	-98.954510	
0.25000	-0.938641	-112.987463	-0.252288
-0.001357	-0.315771	-44.221032	
0.50000	-1.926080	-71.182385	-0.252288
-0.001357	-0.041589	-44.373471	
0.75000	-3.001279	-32.802697	-0.252288
-0.001357	-0.348029	-44.767420	
1.00000	-3.949503	-15.826998	-0.252288
-0.001357	-0.674752	-100.901279	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.514468	17.276518	0.273017
0.001314	0.699770	26.263187	
0.25000	3.372373	49.428965	0.273017
0.001314	0.362280	108.339185	
0.50000	2.350117	91.545585	0.273017
0.001314	0.046042	139.989019	
0.75000	1.269105	131.259517	0.273017
0.001314	0.339576	106.399527	
1.00000	0.474467	174.611348	0.273017
0.001314	0.654270	22.639245	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474205	-173.233560	-0.252288
-0.001357	-0.614750	-120.798119	
0.25000	-1.302049	-130.096012	-0.252288
-0.001357	-0.315771	-49.130424	
0.50000	-2.383442	-90.316855	-0.252288
-0.001357	-0.044381	-47.924686	
0.75000	-3.404744	-48.224132	-0.252288
-0.001357	-0.348029	-48.804593	
1.00000	-4.549684	-16.143375	-0.252288
-0.001357	-0.674752	-120.814978	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.514468	17.276518	0.273017
0.001314	0.699770	26.263187	
0.25000	3.372373	49.428965	0.273017
0.001314	0.362280	108.339185	
0.50000	2.350117	91.545585	0.273017
0.001314	0.046042	139.989019	
0.75000	1.269105	131.259517	0.273017
0.001314	0.339576	106.399527	
1.00000	0.474467	174.611348	0.273017
0.001314	0.654270	22.639245	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474205	-173.233560	-0.252288
-0.001357	-0.614750	-120.798119	
0.25000	-1.302049	-130.096012	-0.252288
-0.001357	-0.315771	-49.130424	
0.50000	-2.383442	-90.316855	-0.252288
-0.001357	-0.044381	-47.924686	
0.75000	-3.404744	-48.224132	-0.252288
-0.001357	-0.348029	-48.804593	
1.00000	-4.549684	-16.143375	-0.252288
-0.001357	-0.674752	-120.814978	

ELEM 156 ========== LENGTH = 4.980363

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.030782	0.487522	0.117681
0.000828	0.295584	0.929228	
0.25000	0.029958	0.511198	0.117681
0.000828	0.149039	0.710482	
0.50000	0.029203	0.542211	0.117681
0.000828	0.004874	0.819884	
0.75000	0.028406	0.571426	0.117681
0.000828	0.143219	0.886955	
1.00000	0.027797	0.603005	0.117681
0.000828	0.281608	0.922778	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013515	-0.205218	-0.111153
-0.000432	-0.272008	-2.971782	
0.25000	-0.014126	-0.173960	-0.111153
-0.000432	-0.133616	-3.007891	
0.50000	-0.014924	-0.144673	-0.111153
-0.000432	-0.001051	-3.096053	
0.75000	-0.015676	-0.113683	-0.111153
-0.000432	-0.144013	-3.185832	
1.00000	-0.016510	-0.090078	-0.111153
-0.000432	-0.290516	-3.328508	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.401326	17.001393	0.182385
0.001003	0.479246	21.122155	
0.25000	3.299976	48.609248	0.182385
0.001003	0.252161	101.443119	
0.50000	2.293071	90.012177	0.182385
0.001003	0.044709	132.970707	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.228265	129.014188	0.182385
0.001003	0.236903	99.944837	
1.00000	0.415248	171.171725	0.182385
0.001003	0.444942	17.440060	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.429284	-168.794209	-0.167074
-0.000513	-0.400106	-116.491020	
0.25000	-1.244691	-127.064644	-0.167074
-0.000513	-0.204451	-46.835460	
0.50000	-2.310294	-87.966908	-0.167074
-0.000513	-0.037194	-46.607006	
0.75000	-3.314275	-46.595413	-0.167074
-0.000513	-0.226805	-48.509478	
1.00000	-4.428124	-15.081859	-0.167074
-0.000513	-0.436644	-120.991592	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.507485	17.815031	0.183012
0.001219	0.483594	22.654364	
0.25000	3.381881	50.118969	0.183012
0.001219	0.255798	104.345409	
0.50000	2.352802	92.433693	0.183012
0.001219	0.048556	136.341766	
0.75000	1.264546	132.294625	0.183012
0.001219	0.236003	102.645677	
1.00000	0.433625	175.380576	0.183012
0.001219	0.443080	18.380811	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465484	-172.628209	-0.166346
-0.001039	-0.398729	-120.818592	
0.25000	-1.298848	-129.979656	-0.166346
-0.001039	-0.204255	-49.706458	
0.50000	-2.387918	-90.020891	-0.166346
-0.001039	-0.038698	-49.550768	
0.75000	-3.414009	-47.738293	-0.166346
-0.001039	-0.225353	-51.574349	
1.00000	-4.552388	-15.530733	-0.166346
-0.001039	-0.435557	-125.732084	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.022358	0.476591	0.035085
0.000474	0.091269	0.906711	
0.25000	0.021533	0.500267	0.035085
0.000474	0.047600	0.723972	
0.50000	0.020779	0.531281	0.035085
0.000474	0.004881	0.833381	
0.75000	0.019982	0.560496	0.035085
0.000474	0.034810	0.900140	
1.00000	0.019373	0.592075	0.035085
0.000474	0.068306	0.936247	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047111	-0.205262	-0.026951
-0.000865	-0.065928	-2.983729	
0.25000	-0.047721	-0.174004	-0.026951
-0.000865	-0.032370	-3.029090	
0.50000	-0.048520	-0.144717	-0.026951
-0.000865	-0.001183	-3.126499	
0.75000	-0.049272	-0.113727	-0.026951
-0.000865	-0.039893	-3.225525	
1.00000	-0.050106	-0.090121	-0.026951
-0.000865	-0.083593	-3.377450	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.389708	16.987767	0.076012
0.000559	0.215808	21.096147	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.288358	48.595622	0.076012
0.000559	0.121219	101.433980	
0.50000	2.281453	89.998551	0.076012
0.000559	0.044706	132.986084	
0.75000	1.216647	129.000561	0.076012
0.000559	0.099489	99.960208	
1.00000	0.403631	171.158099	0.076012
0.000559	0.174831	17.455447	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465999	-168.794215	-0.060543
-0.001046	-0.139840	-116.504480	
0.25000	-1.281405	-127.064650	-0.060543
-0.001046	-0.076892	-46.859467	
0.50000	-2.347008	-87.966914	-0.060543
-0.001046	-0.037358	-46.641914	
0.75000	-3.350989	-46.595419	-0.060543
-0.001046	-0.092858	-48.555285	
1.00000	-4.464838	-15.081865	-0.060543
-0.001046	-0.170209	-121.048300	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.504941	17.810161	0.153278
0.001057	0.410179	22.648254	
0.25000	3.379336	50.114098	0.153278
0.001057	0.219296	104.359263	
0.50000	2.350257	92.428822	0.153278
0.001057	0.048549	136.347893	
0.75000	1.262001	132.289754	0.153278
0.001057	0.194566	102.651823	
1.00000	0.431080	175.375705	0.153278
0.001057	0.360984	18.386977	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483351	-172.629181	-0.133649
-0.001211	-0.318053	-120.824564	
0.25000	-1.316715	-129.980628	-0.133649
-0.001211	-0.164358	-49.716581	
0.50000	-2.405786	-90.021864	-0.133649
-0.001211	-0.038762	-49.565543	
0.75000	-3.431877	-47.739266	-0.133649
-0.001211	-0.187646	-51.593382	
1.00000	-4.570256	-15.531705	-0.133649
-0.001211	-0.360889	-125.755201	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.037715	0.670281	0.158037
0.000861	0.397039	1.143694	
0.25000	0.037245	0.678594	0.158037
0.000861	0.200262	0.975216	
0.50000	0.036712	0.697620	0.158037
0.000861	0.008116	1.007354	
0.75000	0.036223	0.718324	0.158037
0.000861	0.227045	1.095928	
1.00000	0.036002	0.736531	0.158037
0.000861	0.449060	1.196855	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015644	-0.185714	-0.178062
-0.000403	-0.437267	-4.994224	
0.25000	-0.015872	-0.167505	-0.178062
-0.000403	-0.212546	-5.111644	
0.50000	-0.016362	-0.146824	-0.178062
-0.000403	-0.001346	-6.116460	
0.75000	-0.016896	-0.127852	-0.178062
-0.000403	-0.193258	-6.800791	
1.00000	-0.017365	-0.119746	-0.178062
-0.000403	-0.390047	-7.541625	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.932720	17.113917	0.248917
0.001019	0.643983	15.941209	
0.25000	2.979506	33.972538	0.248917
0.001019	0.335017	67.154013	
0.50000	1.898875	72.557907	0.248917
0.001019	0.040366	95.145379	
0.75000	0.907577	114.545578	0.248917
0.001019	0.372449	65.949938	
1.00000	0.458669	151.469358	0.248917
0.001019	0.716459	14.925667	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3

T	M2	M3	
0.00000	-0.430023	-149.301424	-0.276031
-0.000466	-0.671587	-97.399176	
0.25000	-0.891551	-112.374438	-0.276031
-0.000466	-0.341861	-43.618218	
0.50000	-1.885421	-70.433657	-0.276031
-0.000466	-0.036526	-45.185741	
0.75000	-2.967362	-31.958540	-0.276031
-0.000466	-0.313601	-46.966368	
1.00000	-3.920337	-15.519181	-0.276031
-0.000466	-0.608731	-105.416434	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.955243	17.736441	0.252470
0.001199	0.657413	17.151713	
0.25000	3.001747	34.600050	0.252470
0.001199	0.344146	68.113483	
0.50000	1.920796	73.196835	0.252470
0.001199	0.046216	95.876159	
0.75000	0.929205	115.196928	0.252470
0.001199	0.375035	66.740208	
1.00000	0.480164	152.131632	0.252470
0.001199	0.721132	15.870711	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465443	-149.520313	-0.277694
-0.000999	-0.675249	-100.897236	
0.25000	-0.927108	-112.582402	-0.277694
-0.000999	-0.343527	-47.442672	
0.50000	-1.921272	-70.629212	-0.277694
-0.000999	-0.037566	-49.376608	
0.75000	-3.003533	-32.142712	-0.277694
-0.000999	-0.313730	-51.586614	
1.00000	-3.956790	-15.698490	-0.277694
-0.000999	-0.613210	-110.581508	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.032072	0.667368	0.043957
0.000461	0.117480	1.146048	
0.25000	0.031602	0.675681	0.043957
0.000461	0.062732	0.990737	
0.50000	0.031069	0.694707	0.043957
0.000461	0.008420	1.029117	
0.75000	0.030580	0.715411	0.043957
0.000461	0.051671	1.118180	
1.00000	0.030359	0.733618	0.043957
0.000461	0.103323	1.219806	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064830	-0.186183	-0.041289
-0.000914	-0.102178	-5.061268	
0.25000	-0.065057	-0.167974	-0.041289
-0.000914	-0.050497	-5.585040	
0.50000	-0.065547	-0.147293	-0.041289
-0.000914	-0.001411	-6.194825	
0.75000	-0.066081	-0.128321	-0.041289
-0.000914	-0.046729	-6.881704	
1.00000	-0.066551	-0.120215	-0.041289
-0.000914	-0.101375	-7.624975	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.924796	17.110503	0.103067
0.000522	0.286935	15.941156	
0.25000	2.971583	33.969124	0.103067
0.000522	0.159403	67.164313	
0.50000	1.890951	72.554493	0.103067
0.000522	0.040577	95.170209	
0.75000	0.899654	114.542164	0.103067
0.000522	0.151265	65.976388	
1.00000	0.450745	151.465943	0.103067
0.000522	0.280920	14.952864	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483554	-149.301411	-0.104090
-0.001081	-0.250978	-97.485067	
0.25000	-0.945082	-112.374426	-0.104090
-0.001081	-0.135622	-43.712059	
0.50000	-1.938951	-70.433644	-0.104090
-0.001081	-0.036706	-45.285153	
0.75000	-3.020893	-31.958527	-0.104090
-0.001081	-0.125739	-47.068403	
1.00000	-3.973868	-15.519168	-0.104090
-0.001081	-0.239239	-105.519848	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.952687	17.735229	0.207692
0.001028	0.549024	17.154800	
0.25000	2.999192	34.598839	0.207692
0.001028	0.291086	68.120818	
0.50000	1.918241	73.195623	0.207692
0.001028	0.046113	95.891237	
0.75000	0.926650	115.195716	0.207692
0.001028	0.302222	66.755541	
1.00000	0.477609	152.130420	0.207692
0.001028	0.578770	15.886826	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.490873	-149.520857	-0.221873
-0.001202	-0.539454	-100.743928	
0.25000	-0.952538	-112.582947	-0.221873
-0.001202	-0.277180	-47.342984	
0.50000	-1.946702	-70.629757	-0.221873
-0.001202	-0.037664	-49.336430	
0.75000	-3.028963	-32.143257	-0.221873
-0.001202	-0.254485	-51.608785	
1.00000	-3.982220	-15.699034	-0.221873
-0.001202	-0.498264	-110.615787	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.507485	17.815031	0.183012
0.001219	0.483594	22.654364	
0.25000	3.381881	50.118969	0.183012
0.001219	0.255798	104.359263	
0.50000	2.352802	92.433693	0.183012
0.001219	0.048556	136.347893	
0.75000	1.264546	132.294625	0.183012
0.001219	0.236903	102.651823	
1.00000	0.433625	175.380576	0.183012
0.001219	0.444942	18.386977	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483351	-172.629181	-0.167074
-0.001211	-0.400106	-120.824564	
0.25000	-1.316715	-129.980628	-0.167074
-0.001211	-0.204451	-49.716581	
0.50000	-2.405786	-90.021864	-0.167074
-0.001211	-0.038762	-49.565543	
0.75000	-3.431877	-47.739266	-0.167074
-0.001211	-0.226805	-51.593382	
1.00000	-4.570256	-15.531705	-0.167074
-0.001211	-0.436644	-125.755201	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.955243	17.736441	0.252470
0.001199	0.657413	17.154800	
0.25000	3.001747	34.600050	0.252470
0.001199	0.344146	68.120818	
0.50000	1.920796	73.196835	0.252470
0.001199	0.046216	95.891237	
0.75000	0.929205	115.196928	0.252470
0.001199	0.375035	66.755541	
1.00000	0.480164	152.131632	0.252470
0.001199	0.721132	15.886826	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.490873	-149.520857	-0.277694
-0.001202	-0.675249	-100.897236	
0.25000	-0.952538	-112.582947	-0.277694
-0.001202	-0.343527	-47.442672	
0.50000	-1.946702	-70.629757	-0.277694
-0.001202	-0.037664	-49.376608	
0.75000	-3.028963	-32.143257	-0.277694
-0.001202	-0.313730	-51.608785	
1.00000	-3.982220	-15.699034	-0.277694
-0.001202	-0.613210	-110.615787	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.507485	17.815031	0.252470
0.001219	0.657413	22.654364	
0.25000	3.381881	50.118969	0.252470
0.001219	0.344146	104.359263	
0.50000	2.352802	92.433693	0.252470
0.001219	0.048556	136.347893	
0.75000	1.264546	132.294625	0.252470
0.001219	0.375035	102.651823	
1.00000	0.480164	175.380576	0.252470
0.001219	0.721132	18.386977	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.490873	-172.629181	-0.277694
-0.001211	-0.675249	-120.824564	
0.25000	-1.316715	-129.980628	-0.277694
-0.001211	-0.343527	-49.716581	
0.50000	-2.405786	-90.021864	-0.277694
-0.001211	-0.038762	-49.565543	
0.75000	-3.431877	-47.739266	-0.277694
-0.001211	-0.313730	-51.608785	
1.00000	-4.570256	-15.699034	-0.277694
-0.001211	-0.613210	-125.755201	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.507485	17.815031	0.252470
0.001219	0.657413	22.654364	
0.25000	3.381881	50.118969	0.252470
0.001219	0.344146	104.359263	
0.50000	2.352802	92.433693	0.252470
0.001219	0.048556	136.347893	
0.75000	1.264546	132.294625	0.252470
0.001219	0.375035	102.651823	
1.00000	0.480164	175.380576	0.252470
0.001219	0.721132	18.386977	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.490873	-172.629181	-0.277694
-0.001211	-0.675249	-120.824564	
0.25000	-1.316715	-129.980628	-0.277694
-0.001211	-0.343527	-49.716581	
0.50000	-2.405786	-90.021864	-0.277694
-0.001211	-0.038762	-49.565543	
0.75000	-3.431877	-47.739266	-0.277694
-0.001211	-0.313730	-51.608785	
1.00000	-4.570256	-15.699034	-0.277694
-0.001211	-0.613210	-125.755201	

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ELEM 157 ========== LENGTH = 4.980629

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.046864	0.094496	0.109077
0.000441	0.276164	0.918075	
0.25000	0.046034	0.118087	0.109077
0.000441	0.140328	1.007187	
0.50000	0.045288	0.149063	0.109077
0.000441	0.004393	1.062497	
0.75000	0.044496	0.178347	0.109077
0.000441	0.154265	1.076524	
1.00000	0.043890	0.209608	0.109077
0.000441	0.304799	1.056276	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005922	-0.639443	-0.120903
-0.000865	-0.297436	-3.356742	
0.25000	-0.006526	-0.607817	-0.120903
-0.000865	-0.146890	-2.938820	
0.50000	-0.007317	-0.578619	-0.120903
-0.000865	-0.001422	-2.814470	
0.75000	-0.008066	-0.547614	-0.120903
-0.000865	-0.131301	-2.913407	
1.00000	-0.008883	-0.523938	-0.120903
-0.000865	-0.267121	-3.064294	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.452407	15.060189	0.162268
0.000519	0.432377	17.429914	
0.25000	3.344133	46.553605	0.162268
0.000519	0.230304	100.197363	
0.50000	2.348615	87.906680	0.162268
0.000519	0.044232	133.238133	
0.75000	1.291224	127.000995	0.162268
0.000519	0.262113	101.738576	
1.00000	0.481784	168.734645	0.162268
0.000519	0.497258	21.207176	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.363329	-171.296326	-0.188759
-0.001042	-0.448363	-121.026510	
0.25000	-1.168981	-129.076114	-0.188759
-0.001042	-0.233445	-48.269843	
0.50000	-2.225109	-90.095531	-0.188759
-0.001042	-0.037558	-46.308439	
0.75000	-3.224331	-48.704578	-0.188759
-0.001042	-0.198544	-46.748706	
1.00000	-4.315102	-17.097526	-0.188759
-0.001042	-0.393791	-116.513543	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.569429	15.506013	0.160846
0.001071	0.429148	18.368484	
0.25000	3.436748	47.692993	0.160846
0.001071	0.228901	102.978703	
0.50000	2.419306	89.956764	0.160846
0.001071	0.047793	136.767005	
0.75000	1.338629	129.912033	0.160846
0.001071	0.264511	104.597921	
1.00000	0.511363	172.564761	0.160846
0.001071	0.499754	22.763947	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.389706	-175.546439	-0.188861
-0.001233	-0.446446	-125.763468	
0.25000	-1.213101	-132.396435	-0.188861
-0.001233	-0.231935	-51.177652	
0.50000	-2.292487	-92.557403	-0.188861
-0.001233	-0.039296	-49.062082	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.313715	-50.254919	-0.188861
-0.001233	-0.197186	-49.547913	
1.00000	-4.428507	-17.951801	-0.188861
-0.001233	-0.390520	-120.885139	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.030847	0.090747	0.027646
0.000905	0.070662	0.932607	
0.25000	0.030017	0.114337	0.027646
0.000905	0.036354	1.023174	
0.50000	0.029271	0.145313	0.027646
0.000905	0.004303	1.080216	
0.75000	0.028479	0.174598	0.027646
0.000905	0.043888	1.096350	
1.00000	0.027872	0.205859	0.027646
0.000905	0.084327	1.077869	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.035226	-0.629694	-0.032536
-0.000476	-0.077740	-3.374054	
0.25000	-0.035830	-0.598069	-0.032536
-0.000476	-0.037235	-2.967261	
0.50000	-0.036621	-0.568870	-0.032536
-0.000476	-0.001565	-2.827522	
0.75000	-0.037370	-0.537865	-0.032536
-0.000476	-0.032664	-2.921888	
1.00000	-0.038187	-0.514189	-0.032536
-0.000476	-0.067032	-3.068278	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.430980	15.056404	0.058294
0.001096	0.169710	17.446551	
0.25000	3.322706	46.549821	0.058294
0.001096	0.097244	100.216000	
0.50000	2.327188	87.902895	0.058294
0.001096	0.044103	133.258786	
0.75000	1.269797	126.997211	0.058294
0.001096	0.121286	101.761258	
1.00000	0.460357	168.730860	0.058294
0.001096	0.215997	21.181161	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.398113	-171.283918	-0.076050
-0.000560	-0.168289	-121.045739	
0.25000	-1.203765	-129.063707	-0.076050
-0.000560	-0.093761	-48.302504	
0.50000	-2.259893	-90.083124	-0.076050
-0.000560	-0.037730	-46.323251	
0.75000	-3.259115	-48.692171	-0.076050
-0.000560	-0.073205	-46.758048	
1.00000	-4.349886	-17.085119	-0.076050
-0.000560	-0.138993	-116.517415	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.559334	15.506035	0.130096
0.001257	0.352254	18.375122	
0.25000	3.426654	47.693015	0.130096
0.001257	0.190362	102.986151	
0.50000	2.409212	89.956786	0.130096
0.001257	0.047753	136.775270	
0.75000	1.328534	129.912055	0.130096
0.001257	0.223710	104.629298	
1.00000	0.501269	172.564782	0.130096
0.001257	0.417856	22.757332	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.404932	-175.542016	-0.155910
-0.001111	-0.364318	-125.772488	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.228326	-132.392012	-0.155910
-0.001111	-0.190781	-51.191375	
0.50000	-2.307713	-92.552980	-0.155910
-0.001111	-0.039373	-49.068403	
0.75000	-3.328940	-50.250496	-0.155910
-0.001111	-0.159349	-49.552337	
1.00000	-4.443732	-17.947378	-0.155910
-0.001111	-0.314387	-120.887540	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.064630	0.125018	0.146026
0.000406	0.370074	1.190579	
0.25000	0.064164	0.133121	0.146026
0.000406	0.188166	1.251998	
0.50000	0.063634	0.152083	0.146026
0.000406	0.008676	1.314563	
0.75000	0.063147	0.172758	0.146026
0.000406	0.239041	1.429452	
1.00000	0.062920	0.190966	0.146026
0.000406	0.475400	1.624593	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005225	-0.702674	-0.189504
-0.000934	-0.467929	-7.544453	
0.25000	-0.005444	-0.684473	-0.189504
-0.000934	-0.231673	-7.065088	
0.50000	-0.005929	-0.663772	-0.189504
-0.000934	-0.001785	-6.632099	
0.75000	-0.006457	-0.644752	-0.189504
-0.000934	-0.175479	-6.277649	
1.00000	-0.006923	-0.636403	-0.189504
-0.000934	-0.357321	-6.008775	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.987493	15.493735	0.224963
0.000467	0.590832	14.913858	
0.25000	3.041879	31.927879	0.224963
0.000467	0.310849	66.217729	
0.50000	1.967841	70.383522	0.224963
0.000467	0.041273	95.678200	
0.75000	0.980717	112.312153	0.224963
0.000467	0.395540	67.856592	
1.00000	0.520394	149.237855	0.224963
0.000467	0.766690	16.805795	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.382613	-151.364916	-0.298555
-0.001106	-0.732185	-105.421279	
0.25000	-0.826911	-114.454762	-0.298555
-0.001106	-0.374009	-47.467319	
0.50000	-1.809387	-72.473051	-0.298555
-0.001106	-0.037122	-46.094057	
0.75000	-2.880719	-33.898668	-0.298555
-0.001106	-0.278495	-44.943168	
1.00000	-3.825918	-16.968437	-0.298555
-0.001106	-0.543925	-99.050875	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.027556	15.649754	0.221605
0.001055	0.584206	15.857020	
0.25000	3.081662	32.088761	0.221605
0.001055	0.308477	67.088480	
0.50000	2.007307	70.555780	0.221605
0.001055	0.047418	96.608281	
0.75000	1.019891	112.496816	0.221605
0.001055	0.405762	69.072660	
1.00000	0.559431	149.433443	0.221605
0.001055	0.783970	18.393204	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.406120	-151.996720	-0.304200
-0.001263	-0.742933	-110.585161	
0.25000	-0.850549	-115.075646	-0.304200
-0.001263	-0.377721	-52.246445	
0.50000	-1.833315	-73.081515	-0.304200
-0.001263	-0.038415	-50.548947	
0.75000	-2.904964	-34.495719	-0.304200
-0.001263	-0.272659	-49.151729	
1.00000	-3.850443	-17.560479	-0.304200
-0.001263	-0.533915	-103.096358	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.048223	0.120570	0.026886
0.000994	0.072768	1.215101	
0.25000	0.047757	0.128674	0.026886
0.000994	0.039377	1.278679	
0.50000	0.047227	0.147636	0.026886
0.000994	0.008937	1.343357	
0.75000	0.046740	0.168311	0.026886
0.000994	0.060953	1.457854	
1.00000	0.046513	0.186519	0.026886
0.000994	0.117417	1.637085	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	

0.00000	-0.046372	-0.693550	-0.045455
-0.000450	-0.109841	-7.623357	
0.25000	-0.046591	-0.675350	-0.045455
-0.000450	-0.053355	-7.150002	
0.50000	-0.047076	-0.654649	-0.045455
-0.000450	-0.001965	-6.722876	
0.75000	-0.047604	-0.635628	-0.045455
-0.000450	-0.029495	-6.370365	
1.00000	-0.048070	-0.627280	-0.045455
-0.000450	-0.062387	-6.103472	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.967483	15.489404	0.074797
0.001201	0.213767	14.942935	
0.25000	3.021869	31.923548	0.074797
0.001201	0.121129	66.249272	
0.50000	1.947832	70.379191	0.074797
0.001201	0.041555	95.711219	
0.75000	0.960707	112.307822	0.074797
0.001201	0.173667	67.879241	
1.00000	0.500384	149.233524	0.074797
0.001201	0.320310	16.818087	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430080	-151.353885	-0.118520
-0.000521	-0.282824	-105.519349	
0.25000	-0.874378	-114.443731	-0.118520
-0.000521	-0.149463	-47.572022	
0.50000	-1.856854	-72.462020	-0.118520
-0.000521	-0.037367	-46.203988	
0.75000	-2.928185	-33.887637	-0.118520
-0.000521	-0.095142	-45.055957	
1.00000	-3.873385	-16.957406	-0.118520
-0.000521	-0.173368	-99.165403	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.016566	15.648619	0.172509
0.001319	0.461569	15.873928	
0.25000	3.070672	32.087626	0.172509
0.001319	0.247205	67.105029	
0.50000	1.996317	70.554646	0.172509
0.001319	0.047521	96.622113	
0.75000	1.008901	112.495682	0.172509
0.001319	0.332065	69.091995	
1.00000	0.548441	149.432309	0.172509
0.001319	0.635640	18.401613	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.428105	-151.992683	-0.244319
-0.001088	-0.593487	-110.617403	
0.25000	-0.872534	-115.071609	-0.244319
-0.001088	-0.303360	-52.281872	
0.50000	-1.855301	-73.077478	-0.244319
-0.001088	-0.038566	-50.587611	
0.75000	-2.926949	-34.491682	-0.244319
-0.001088	-0.212393	-49.192066	
1.00000	-3.872428	-17.556443	-0.244319
-0.001088	-0.412270	-103.105356	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.569429	15.506035	0.162268
0.001257	0.432377	18.375122	
0.25000	3.436748	47.693015	0.162268
0.001257	0.230304	102.986151	
0.50000	2.419306	89.956786	0.162268
0.001257	0.047793	136.775270	
0.75000	1.338629	129.912055	0.162268
0.001257	0.264511	104.629298	
1.00000	0.511363	172.564782	0.162268
0.001257	0.499754	22.763947	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.404932	-175.546439	-0.188861
-0.001233	-0.448363	-125.772488	
0.25000	-1.228326	-132.396435	-0.188861
-0.001233	-0.233445	-51.191375	
0.50000	-2.307713	-92.557403	-0.188861
-0.001233	-0.039373	-49.068403	
0.75000	-3.328940	-50.254919	-0.188861
-0.001233	-0.198544	-49.552337	
1.00000	-4.443732	-17.951801	-0.188861
-0.001233	-0.393791	-120.887540	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.027556	15.649754	0.224963
0.001319	0.590832	15.873928	
0.25000	3.081662	32.088761	0.224963
0.001319	0.310849	67.105029	
0.50000	2.007307	70.555780	0.224963
0.001319	0.047521	96.622113	
0.75000	1.019891	112.496816	0.224963
0.001319	0.405762	69.091995	
1.00000	0.559431	149.433443	0.224963
0.001319	0.783970	18.401613	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430080	-151.996720	-0.304200
-0.001263	-0.742933	-110.617403	
0.25000	-0.874378	-115.075646	-0.304200
-0.001263	-0.377721	-52.281872	
0.50000	-1.856854	-73.081515	-0.304200
-0.001263	-0.038566	-50.587611	
0.75000	-2.928185	-34.495719	-0.304200
-0.001263	-0.278495	-49.192066	
1.00000	-3.873385	-17.560479	-0.304200
-0.001263	-0.543925	-103.105356	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.569429	15.649754	0.224963
0.001319	0.590832	18.375122	
0.25000	3.436748	47.693015	0.224963
0.001319	0.310849	102.986151	
0.50000	2.419306	89.956786	0.224963
0.001319	0.047793	136.775270	
0.75000	1.338629	129.912055	0.224963
0.001319	0.405762	104.629298	
1.00000	0.559431	172.564782	0.224963
0.001319	0.783970	22.763947	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430080	-175.546439	-0.304200
-0.001263	-0.742933	-125.772488	
0.25000	-1.228326	-132.396435	-0.304200
-0.001263	-0.377721	-52.281872	
0.50000	-2.307713	-92.557403	-0.304200
-0.001263	-0.039373	-50.587611	
0.75000	-3.328940	-50.254919	-0.304200
-0.001263	-0.278495	-49.552337	
1.00000	-4.443732	-17.951801	-0.304200
-0.001263	-0.543925	-120.887540	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.569429	15.649754	0.224963
0.001319	0.590832	18.375122	
0.25000	3.436748	47.693015	0.224963
0.001319	0.310849	102.986151	
0.50000	2.419306	89.956786	0.224963
0.001319	0.047793	136.775270	
0.75000	1.338629	129.912055	0.224963
0.001319	0.405762	104.629298	
1.00000	0.559431	172.564782	0.224963
0.001319	0.783970	22.763947	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430080	-175.546439	-0.304200
-0.001263	-0.742933	-125.772488	
0.25000	-1.228326	-132.396435	-0.304200
-0.001263	-0.377721	-52.281872	
0.50000	-2.307713	-92.557403	-0.304200
-0.001263	-0.039373	-50.587611	
0.75000	-3.328940	-50.254919	-0.304200
-0.001263	-0.278495	-49.552337	
1.00000	-4.443732	-17.951801	-0.304200
-0.001263	-0.543925	-120.887540	

ELEM 158 ========== LENGTH = 4.981022

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044614	0.137466	0.097795
1.14E-05	0.248500	1.052205	
0.25000	0.043771	0.160955	0.097795
1.14E-05	0.126731	1.265757	
0.50000	0.043024	0.191776	0.097795
1.14E-05	0.004996	1.853120	
0.75000	0.042232	0.220908	0.097795
1.14E-05	0.155407	2.571526	
1.00000	0.041626	0.252561	0.097795
1.14E-05	0.310621	3.336068	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007489	-0.887204	-0.124690
-0.001092	-0.310525	-3.039104	
0.25000	-0.008094	-0.855362	-0.124690
-0.001092	-0.155251	-3.138657	
0.50000	-0.008885	-0.826282	-0.124690
-0.001092	-0.002941	-3.290207	
0.75000	-0.009633	-0.795442	-0.124690
-0.001092	-0.116847	-3.443283	
1.00000	-0.010471	-0.771894	-0.124690
-0.001092	-0.238628	-3.647808	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.460167	15.627147	0.140515
4.20E-07	0.371219	21.149802	
0.25000	3.334815	46.985154	0.140515
4.20E-07	0.199252	103.024663	
0.50000	2.336945	88.131106	0.140515
4.20E-07	0.042817	135.940248	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	1.280215	127.022227	0.140515
4.20E-07	0.270077	105.040920	
1.00000	0.470945	169.279154	0.140515
4.20E-07	0.519267	24.888845	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.387427	-170.804762	-0.200122
-0.001318	-0.488994	-116.530255	
0.25000	-1.195078	-128.295978	-0.200122
-0.001318	-0.256337	-46.233543	
0.50000	-2.251268	-89.474393	-0.200122
-0.001318	-0.041685	-45.349181	
0.75000	-3.250307	-48.302300	-0.200122
-0.001318	-0.170158	-46.502731	
1.00000	-4.368382	-16.865865	-0.200122
-0.001318	-0.340279	-116.340108	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.597173	16.108871	0.143099
0.000763	0.374554	22.705259	
0.25000	3.447037	48.157459	0.143099
0.000763	0.199453	106.472901	
0.50000	2.427191	90.209546	0.143099
0.000763	0.046778	140.401453	
0.75000	1.347190	129.957146	0.143099
0.000763	0.280100	109.300486	
1.00000	0.520098	173.144676	0.143099
0.000763	0.535901	27.964031	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.406670	-175.186910	-0.205484
-0.001175	-0.499300	-120.908905	
0.25000	-1.232108	-131.741977	-0.205484
-0.001175	-0.260422	-49.158391	
0.50000	-2.311557	-92.065445	-0.205484
-0.001175	-0.044955	-48.348857	
0.75000	-3.332598	-49.986641	-0.205484
-0.001175	-0.176810	-49.622115	
1.00000	-4.475296	-17.857898	-0.205484
-0.001175	-0.350028	-121.091788	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.050434	0.134575	0.028594
0.001139	0.068449	1.074978	
0.25000	0.049591	0.158064	0.028594
0.001139	0.032866	1.256137	
0.50000	0.048844	0.188885	0.028594
0.001139	0.005050	1.830921	
0.75000	0.048052	0.218017	0.028594
0.001139	0.056336	2.539188	
1.00000	0.047446	0.249670	0.028594
0.001139	0.108363	3.290985	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.022762	-0.879090	-0.041791
-1.09E-05	-0.099959	-3.073759	
0.25000	-0.023367	-0.847248	-0.041791
-1.09E-05	-0.047881	-3.169574	
0.50000	-0.024158	-0.818168	-0.041791
-1.09E-05	-0.002718	-3.317384	
0.75000	-0.024906	-0.787327	-0.041791
-1.09E-05	-0.038360	-3.466721	
1.00000	-0.025744	-0.763780	-0.041791
-1.09E-05	-0.073940	-3.667506	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.471145	15.623562	0.053135
0.001371	0.143265	21.145594	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.345793	46.981569	0.053135
0.001371	0.080168	103.009648	
0.50000	2.347923	88.127521	0.053135
0.001371	0.042882	135.908429	
0.75000	1.291193	127.018642	0.053135
0.001371	0.142390	104.997862	
1.00000	0.481923	169.275569	0.053135
0.001371	0.258988	24.831379	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.403149	-170.793899	-0.093628
-4.02E-07	-0.218669	-116.570400	
0.25000	-1.210800	-128.285115	-0.093628
-4.02E-07	-0.118784	-46.269224	
0.50000	-2.266990	-89.463530	-0.093628
-4.02E-07	-0.041822	-45.380396	
0.75000	-3.266029	-48.291437	-0.093628
-4.02E-07	-0.071663	-46.529480	
1.00000	-4.384105	-16.855002	-0.093628
-4.02E-07	-0.132940	-116.362391	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.596002	16.108083	0.116086
0.001222	0.304691	22.706106	
0.25000	3.445867	48.156671	0.116086
0.001222	0.163253	106.472511	
0.50000	2.426021	90.208758	0.116086
0.001222	0.046802	140.396367	
0.75000	1.346019	129.956358	0.116086
0.001222	0.244368	109.288320	
1.00000	0.518927	173.143887	0.116086
0.001222	0.462754	27.947210	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.416129	-175.183244	-0.175390
-0.000733	-0.422374	-120.925290	
0.25000	-1.241567	-131.738312	-0.175390
-0.000733	-0.221094	-49.173123	
0.50000	-2.321016	-92.061780	-0.175390
-0.000733	-0.045130	-48.361936	
0.75000	-3.342057	-49.982975	-0.175390
-0.000733	-0.145791	-49.633541	
1.00000	-4.484755	-17.854233	-0.175390
-0.000733	-0.285341	-121.101561	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.052292	0.179755	0.130057
1.19E-05	0.330995	1.612375	
0.25000	0.051825	0.188156	0.130057
1.19E-05	0.169063	1.918281	
0.50000	0.051295	0.207052	0.130057
1.19E-05	0.007299	2.391796	
0.75000	0.050809	0.227647	0.130057
1.19E-05	0.236018	3.023824	
1.00000	0.050574	0.245787	0.130057
1.19E-05	0.474929	3.771691	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008716	-0.989537	-0.191481
-0.001201	-0.478232	-6.010903	
0.25000	-0.008947	-0.971419	-0.191481
-0.001201	-0.239432	-5.503597	
0.50000	-0.009433	-0.950821	-0.191481
-0.001201	-0.003866	-5.160734	
0.75000	-0.009962	-0.931895	-0.191481
-0.001201	-0.154934	-4.942390	
1.00000	-0.010429	-0.923339	-0.191481
-0.001201	-0.316807	-4.865106	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.975383	15.503415	0.193181
2.69E-07	0.512727	16.780545	
0.25000	3.027609	32.540354	0.193181
2.69E-07	0.272216	68.914681	
0.50000	1.953128	70.861476	0.193181
2.69E-07	0.036968	98.284395	
0.75000	0.966205	112.627910	0.193181
2.69E-07	0.392198	70.917573	
1.00000	0.490277	149.415951	0.193181
2.69E-07	0.769000	19.665893	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.384816	-150.880723	-0.304409
-0.001419	-0.759585	-99.107202	
0.25000	-0.855162	-114.136509	-0.304409
-0.001419	-0.393154	-42.921371	
0.50000	-1.839850	-72.364509	-0.304409
-0.001419	-0.041912	-42.283374	
0.75000	-2.912715	-33.982907	-0.304409
-0.001419	-0.238824	-41.967210	
1.00000	-3.859725	-16.631381	-0.304409
-0.001419	-0.464239	-96.502282	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.037853	15.723652	0.189608
0.000809	0.501767	18.366194	
0.25000	3.089798	32.765631	0.189608
0.000809	0.265762	70.507810	
0.50000	2.015000	71.098090	0.189608
0.000809	0.041750	100.047659	
0.75000	1.027785	112.876881	0.189608
0.000809	0.413663	73.196729	
1.00000	0.551716	149.675807	0.189608
0.000809	0.807693	22.533448	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.399479	-151.668415	-0.318305
-0.001268	-0.790283	-103.161466	
0.25000	-0.869964	-114.913330	-0.318305
-0.001268	-0.406441	-46.739916	
0.50000	-1.854944	-73.118971	-0.318305
-0.001268	-0.044750	-45.979054	
0.75000	-2.928126	-34.736014	-0.318305
-0.001268	-0.236563	-45.590104	
1.00000	-3.875416	-17.379355	-0.318305
-0.001268	-0.457459	-100.140962	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.077603	0.176070	0.024465
0.001275	0.058953	1.638258	
0.25000	0.077136	0.184471	0.024465
0.001275	0.028511	1.941846	
0.50000	0.076606	0.203367	0.024465
0.001275	0.007448	2.407235	
0.75000	0.076120	0.223961	0.024465
0.001275	0.079144	3.026112	
1.00000	0.075885	0.242102	0.024465
0.001275	0.152837	3.759463	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030569	-0.981724	-0.059027
-1.10E-05	-0.140751	-6.109435	
0.25000	-0.030801	-0.963606	-0.059027
-1.10E-05	-0.067124	-5.599747	
0.50000	-0.031287	-0.943008	-0.059027
-1.10E-05	-0.003823	-5.252984	
0.75000	-0.031816	-0.924083	-0.059027
-1.10E-05	-0.032509	-5.026452	
1.00000	-0.032283	-0.915527	-0.059027
-1.10E-05	-0.062938	-4.940298	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.008619	15.499279	0.060828
0.001508	0.171241	16.808412	
0.25000	3.060845	32.536218	0.060828
0.001508	0.095601	68.939348	
0.50000	1.986364	70.857340	0.060828
0.001508	0.037148	98.300152	
0.75000	0.999441	112.623774	0.060828
0.001508	0.196888	70.917214	
1.00000	0.523513	149.411815	0.060828
0.001508	0.367096	19.647947	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.407636	-150.871272	-0.138997
-2.54E-07	-0.337950	-99.225813	
0.25000	-0.877982	-114.127058	-0.138997
-2.54E-07	-0.177827	-43.041038	
0.50000	-1.862670	-72.355058	-0.138997
-2.54E-07	-0.041908	-42.400487	
0.75000	-2.935535	-33.973456	-0.138997
-2.54E-07	-0.085743	-42.076238	
1.00000	-3.882545	-16.621930	-0.138997
-2.54E-07	-0.146448	-96.600034	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.046626	15.721457	0.146587
0.001347	0.390736	18.380223	
0.25000	3.098571	32.763436	0.146587
0.001347	0.208294	70.520783	
0.50000	2.023773	71.095895	0.146587
0.001347	0.041731	100.056712	
0.75000	1.036558	112.874686	0.146587
0.001347	0.350551	73.200748	
1.00000	0.560489	149.673612	0.146587
0.001347	0.677536	22.530761	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.412380	-151.665378	-0.264623

```
-0.000763   -0.652706 -103.173287
 0.25000    -0.882865 -114.910293     -0.264623
-0.000763   -0.335891  -46.636997
 0.50000    -1.867845  -73.125934     -0.264623
-0.000763   -0.044700  -45.771028
 0.75000    -2.941027  -34.732977     -0.264623
-0.000763   -0.186701  -45.302238
 1.00000    -3.888317  -17.376318     -0.264623
-0.000763   -0.354173  -99.770164

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.597173    16.108871     0.143099
0.001371    0.374554    22.706106
 0.25000    3.447037    48.157459     0.143099
0.001371    0.199453   106.472901
 0.50000    2.427191    90.209546     0.143099
0.001371    0.046802   140.401453
 0.75000    1.347190   129.957146     0.143099
0.001371    0.280100   109.300486
 1.00000    0.520098   173.144676     0.143099
0.001371    0.535901    27.964031

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.416129  -175.186910     -0.205484
-0.001318  -0.499300  -120.925290
 0.25000   -1.241567  -131.741977     -0.205484
-0.001318  -0.260422   -49.173123
 0.50000   -2.321016   -92.065445     -0.205484
-0.001318  -0.045130   -48.361936
 0.75000   -3.342057   -49.986641     -0.205484
-0.001318  -0.176810   -49.633541
 1.00000   -4.484755   -17.857898     -0.205484
-0.001318  -0.350028  -121.101561
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 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.046626    15.723652     0.193181
0.001508    0.012727    18.380223
 0.25000    3.098571    32.765631     0.193181
0.001508    0.272216    70.520783
 0.50000    2.023773    71.098090     0.193181
0.001508    0.041750   100.056712
 0.75000    1.036558   112.876881     0.193181
0.001508    0.413663    73.200748
 1.00000    0.560489   149.675807     0.193181
0.001508    0.807693    22.533448

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.412380  -151.668415     -0.318305
-0.001419  -0.790283  -103.173287
 0.25000   -0.882865  -114.913330     -0.318305
-0.001419  -0.406441   -46.739916
 0.50000   -1.867845   -73.128971     -0.318305
-0.001419  -0.044750   -45.979054
 0.75000   -2.941027   -34.736014     -0.318305
-0.001419  -0.238824   -45.590104
 1.00000   -3.888317   -17.379355     -0.318305
-0.001419  -0.464239  -100.140962

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.597173    16.108871     0.193181
0.001508    0.512727    22.706106
 0.25000    3.447037    48.157459     0.193181
0.001508    0.272216   106.472901
 0.50000    2.427191    90.209546     0.193181
0.001508    0.046802   140.401453
 0.75000    1.347190   129.957146     0.193181
0.001508    0.413663   109.300486
 1.00000    0.560489   173.144676     0.193181
0.001508    0.807693    27.964031

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.416129  -175.186910     -0.318305
-0.001419  -0.790283  -120.925290
 0.25000   -1.241567  -131.741977     -0.318305
-0.001419  -0.406441   -49.173123
 0.50000   -2.321016   -92.065445     -0.318305
-0.001419  -0.045130   -48.361936
 0.75000   -3.342057   -49.986641     -0.318305
-0.001419  -0.238824   -49.633541
 1.00000   -4.484755   -17.857898     -0.318305
-0.001419  -0.464239  -121.101561

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.597173    16.108871     0.193181
0.001508    0.512727    22.706106
 0.25000    3.447037    48.157459     0.193181
0.001508    0.272216   106.472901
 0.50000    2.427191    90.209546     0.193181
0.001508    0.046802   140.401453
 0.75000    1.347190   129.957146     0.193181
0.001508    0.413663   109.300486
 1.00000    0.560489   173.144676     0.193181
0.001508    0.807693    27.964031

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.416129  -175.186910     -0.318305
-0.001419  -0.790283  -120.925290
 0.25000   -1.241567  -131.741977     -0.318305
-0.001419  -0.406441   -49.173123
 0.50000   -2.321016   -92.065445     -0.318305
-0.001419  -0.045130   -48.361936
 0.75000   -3.342057   -49.986641     -0.318305
-0.001419  -0.238824   -49.633541
 1.00000   -4.484755   -17.857898     -0.318305
-0.001419  -0.464239  -121.101561
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4.980422

 COMB DB-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.034659    0.069637     0.086046
1.11E-05    0.219359    3.311003
 0.25000    0.033824    0.093147     0.086046
1.11E-05    0.112218    3.674174
 0.50000    0.033081    0.123954     0.086046
1.11E-05    0.005160    4.191194
 0.75000    0.032296    0.153054     0.086046
1.11E-05    0.142925    4.836538
 1.00000    0.031694    0.184757     0.086046
1.11E-05    0.290411    5.555131

 COMB DB-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.020631   -0.870800     -0.118440
-0.001059  -0.299654   -3.626088
 0.25000   -0.021231   -0.839043     -0.118440
-0.001059  -0.152295   -3.483097
 0.50000   -0.022017   -0.809948     -0.118440
-0.001059  -0.007141   -3.391743
 0.75000   -0.022759   -0.779139     -0.118440
-0.001059  -0.102121   -3.302055
 1.00000   -0.023591   -0.755623     -0.118440
-0.001059  -0.209255   -3.263846

 COMB DB-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.414894    15.665241     0.117955
4.09E-07    0.318900    24.856099
 0.25000    3.299363    47.050998     0.117955
4.09E-07    0.172566   106.675138
 0.50000    2.308593    88.177860     0.117955
4.09E-07    0.041231   140.018621
 0.75000    1.259695   127.025993     0.117955
4.09E-07    0.252534   109.213373
 1.00000    0.457051   169.349972     0.117955
4.09E-07    0.492248    29.080700

 COMB DB-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.398131  -170.712028     -0.192604
-0.001280  -0.485101  -116.319076
 0.25000   -1.199751  -128.317334     -0.192604
-0.001280  -0.257593   -45.901671
 0.50000   -2.248306   -89.474603     -0.192604
-0.001280  -0.049206   -44.419092
 0.75000   -3.239562   -48.345037     -0.192604
-0.001280  -0.147225   -45.159378
 1.00000   -4.349661   -16.951167     -0.192604
-0.001280  -0.283832  -114.626046

 COMB DB-G1-3 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.562786    16.211563     0.129308
0.000746    0.343192    27.937849
 0.25000    3.422688    48.288512     0.129308
0.000746    0.182831   111.683492
 0.50000    2.410099    90.321089     0.129308
0.000746    0.045326   145.982963
 0.75000    1.338102   130.024753     0.129308
0.000746    0.273605   114.916813
 1.00000    0.517782   173.280812     0.129308
0.000746    0.530045    33.634049

 COMB DB-G1-3 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.404515  -175.092651     -0.205982
-0.001141  -0.514455  -121.077666
 0.25000   -1.223788  -131.764321     -0.205982
-0.001141  -0.270537   -49.050295
 0.50000   -2.295435   -92.066177     -0.205982
-0.001141  -0.054862   -47.475865
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 REL DIST            P            V2           V3
    T          M2           M3
 0.75000   -3.308521   -50.030836     -0.205982
-0.001141  -0.166038   -48.173253
 1.00000   -4.443067   -17.945596     -0.205982
-0.001141  -0.316469  -119.110549

 COMB DB-G2-1 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.067323    0.073297     0.037785
0.001109    0.088931    3.298185
 0.25000    0.066487    0.096807     0.037785
0.001109    0.041947    3.648934
 0.50000    0.065745    0.127614     0.037785
0.001109    0.005276    4.155019
 0.75000    0.064960    0.156714     0.037785
0.001109    0.070412    4.790780
 1.00000    0.064358    0.188417     0.037785
0.001109    0.136105    5.499376

 COMB DB-G2-1 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.005981   -0.864137     -0.052767
-1.06E-05  -0.126801   -3.676297
 0.25000   -0.006582   -0.832380     -0.052767
-1.06E-05  -0.061146   -3.526779
 0.50000   -0.007367   -0.803285     -0.052767
-1.06E-05  -0.007014   -3.428897
 0.75000   -0.008110   -0.772476     -0.052767
-1.06E-05  -0.052299   -3.332681
 1.00000   -0.008941   -0.748960     -0.052767
-1.06E-05  -0.099353   -3.287945

 COMB DB-G2-2 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.457386    15.669396     0.057386
0.001335    0.154987    24.837453
 0.25000    3.341855    47.055153     0.057386
0.001335    0.084330   106.640884
 0.50000    2.351085    88.182015     0.057386
0.001335    0.041384   139.970091
 0.75000    1.302188   127.030148     0.057386
0.001335    0.157687   109.154692
 1.00000    0.499543   169.354127     0.057386
0.001335    0.291286    29.009425

 COMB DB-G2-2 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.378023  -170.702338     -0.107283
-3.92E-07  -0.260975  -116.377437
 0.25000   -1.179642  -128.307643     -0.107283
-3.92E-07  -0.139571   -45.952328
 0.50000   -2.228198   -89.464913     -0.107283
-3.92E-07  -0.048965   -44.462045
 0.75000   -3.219454   -48.335347     -0.107283
-3.92E-07  -0.085199   -45.194628
 1.00000   -4.329553   -16.941477     -0.107283
-3.92E-07  -0.146295  -114.653592

 COMB DB-G2-3 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.573830    16.213350     0.110016
0.001190    0.291031    27.935047
 0.25000    3.433732    48.290299     0.110016
0.001190    0.154869   111.677432
 0.50000    2.421143    90.322876     0.110016
0.001190    0.045394   145.972324
 0.75000    1.349146   130.026541     0.110016
0.001190    0.248580   114.900518
 1.00000    0.528826   173.282599     0.110016
0.001190    0.476144    33.612776

 COMB DB-G2-3 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.400831  -175.089551     -0.182912
-0.000713  -0.453364  -121.101234
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 REL DIST            P            V2           V3
    T          M2           M3
 0.25000   -1.220104  -131.761220     -0.182912
-0.000713  -0.238103   -49.070898
 0.50000   -2.291751   -92.063077     -0.182912
-0.000713  -0.054762   -47.493505
 0.75000   -3.304837   -50.027736     -0.182912
-0.000713  -0.146223   -48.187929
 1.00000   -4.439383   -17.942495     -0.182912
-0.000713  -0.272657  -119.122260

 COMB DL-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.035500    0.087863     0.113146
1.10E-05    0.289071    3.741909
 0.25000    0.035037    0.096323     0.113146
1.10E-05    0.148170    4.257598
 0.50000    0.034511    0.115214     0.113146
1.10E-05    0.006659    4.959432
 0.75000    0.034028    0.135796     0.113146
1.10E-05    0.214518    5.760810
 1.00000    0.033795    0.153919     0.113146
1.10E-05    0.438648    6.586789

 COMB DL-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.019535   -0.985641     -0.179493
-0.001117  -0.454494   -4.853997
 0.25000   -0.019766   -0.967514     -0.179493
-0.001117  -0.230696   -4.451993
 0.50000   -0.020248   -0.946929     -0.179493
-0.001117  -0.009516   -4.266566
 0.75000   -0.020773   -0.928024     -0.179493
-0.001117  -0.133662   -4.150170
 1.00000   -0.021236   -0.919538     -0.179493
-0.001117  -0.274619   -4.063054

 COMB DL-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    3.925071    15.277104     0.162051
2.55E-07    0.435141    19.626790
 0.25000    2.984447    32.435170     0.162051
2.55E-07    0.233549    72.815059
 0.50000    1.917822    70.744532     0.162051
2.55E-07    0.034094   102.553736
 0.75000    0.938344   112.485085     0.162051
2.55E-07    0.354952    75.499765
 1.00000    0.467280   149.239432     0.162051
2.55E-07    0.705555    24.452266

 COMB DL-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.387554  -150.897646     -0.283978
-0.001319  -0.721902   -96.496170
 0.25000   -0.855672  -114.135854     -0.283978
-0.001319  -0.379805   -40.510734
 0.50000   -1.833140   -72.389557     -0.283978
-0.001319  -0.051203   -39.880157
 0.75000   -2.898075   -34.048873     -0.283978
-0.001319  -0.201017   -39.437560
 1.00000   -3.837483   -16.840807     -0.283978
-0.001319  -0.386343   -93.672726

 COMB DL-G1-3 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    3.998248    15.501544     0.165955
0.000740    0.440427    22.498925
 0.25000    3.057346    32.664686     0.165955
0.000740    0.234126    75.830926
 0.50000    1.990406    70.985383     0.165955
0.000740    0.038569   105.885229
 0.75000    1.010638   112.738285     0.165955
0.000740    0.388638    79.487584
 1.00000    0.539435   149.503506     0.165955
0.000740    0.768422    29.109511
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 COMB DL-G1-3 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.385912  -151.704357     -0.307598
-0.001178  -0.776736  -100.145153
 0.25000   -0.854168  -114.931689     -0.307598
-0.001178  -0.405059   -43.925559
 0.50000   -1.831925   -73.173041     -0.307598
-0.001178  -0.057066   -43.164167
 0.75000   -2.897175   -34.821014     -0.307598
-0.001178  -0.210489   -42.434119
 1.00000   -3.836861   -17.607857     -0.307598
-0.001178  -0.400694   -96.353058

 COMB DL-G2-1 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    0.092998    0.091456     0.032471
0.001190    0.075730    3.763133
 0.25000    0.092534    0.099917     0.032471
0.001190    0.035441    4.264062
 0.50000    0.092008    0.118807     0.032471
0.001190    0.006763    4.948866
 0.75000    0.091525    0.139389     0.032471
0.001190    0.093719    5.741515
 1.00000    0.091293    0.157513     0.032471
0.001190    0.182924    6.560949

 COMB DL-G2-1 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.007529   -0.986834     -0.071798
-1.03E-05  -0.174280   -4.953025
 0.25000   -0.007760   -0.968707     -0.071798
-1.03E-05  -0.084366   -4.530501
 0.50000   -0.008242   -0.948122     -0.071798
-1.03E-05  -0.009394   -4.318935
 0.75000   -0.008767   -0.929216     -0.071798
-1.03E-05  -0.045823   -4.196252
 1.00000   -0.009230   -0.920731     -0.071798
-1.03E-05  -0.086159   -4.100583

 COMB DL-G2-2 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    3.995934    15.280803     0.061468
0.001379    0.169125    19.648575
 0.25000    3.055310    32.438869     0.061468
0.001379    0.092825    72.820494
 0.50000    1.988685    70.748231     0.061468
0.001379    0.034320   102.539145
 0.75000    1.009207   112.488785     0.061468
0.001379    0.204691    75.474568
 1.00000    0.538143   149.243131     0.061468
0.001379    0.387177    24.417695

 COMB DL-G2-2 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.370271  -150.898335     -0.149726
-2.40E-07  -0.372415   -96.621852
 0.25000   -0.838388  -114.136543     -0.149726
-2.40E-07  -0.197462   -40.613534
 0.50000   -1.815857   -72.390246     -0.149726
-2.40E-07  -0.050984   -39.954660
 0.75000   -2.880792   -34.049563     -0.149726
-2.40E-07  -0.091562   -39.501619
 1.00000   -3.820200   -16.841496     -0.149726
-2.40E-07  -0.151822   -93.726373

 COMB DL-G2-3 ------------------ MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.022244    15.503863     0.133029
0.001232    0.353785    22.511190
 0.25000    3.081341    32.667005     0.133029
0.001232    0.188476    75.836386
 0.50000    2.014401    70.987702     0.133029
0.001232    0.038615   105.882175
 0.75000    1.034634   112.740605     0.133029
0.001232    0.339979    79.481076
 1.00000    0.563430   149.505825     0.133029
0.001232    0.665704    29.099739
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 COMB DL-G2-3 ------------------ MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.384011  -151.705469     -0.264394
-0.000695  -0.664379   -99.784375
 0.25000   -0.852267  -114.932801     -0.264394
-0.000695  -0.346315   -43.503385
 0.50000   -1.830024   -73.174153     -0.264394
-0.000695  -0.056837   -42.710902
 0.75000   -2.895274   -34.822126     -0.264394
-0.000695  -0.174359   -42.185789
 1.00000   -3.834960   -17.608969     -0.264394
-0.000695  -0.323689   -96.355542

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.573830    16.213350     0.129308
0.001335    0.343192    27.937849
 0.25000    3.433732    48.290299     0.129308
0.001335    0.182831   111.683492
 0.50000    2.421143    90.322876     0.129308
0.001335    0.045394   145.982963
 0.75000    1.349146   130.026541     0.129308
0.001335    0.273605   114.916813
 1.00000    0.528826   173.282599     0.129308
0.001335    0.530045    33.634049

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.404515  -175.092651     -0.205982
-0.001280  -0.514455  -121.101234
 0.25000   -1.223788  -131.764321     -0.205982
-0.001280  -0.270537   -49.070898
 0.50000   -2.295435   -92.066177     -0.205982
-0.001280  -0.054862   -47.493505
 0.75000   -3.308521   -50.030836     -0.205982
-0.001280  -0.166038   -48.187929
 1.00000   -4.443067   -17.945596     -0.205982
-0.001280  -0.316469  -119.122260

 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000    4.022244    15.503863     0.165955
0.001379    0.440427    22.511190
 0.25000    3.081341    32.667005     0.165955
0.001379    0.234126    75.836386
 0.50000    2.014401    70.987702     0.165955
0.001379    0.038615   105.885229
 0.75000    1.034634   112.740605     0.165955
0.001379    0.388638    79.487584
 1.00000    0.563430   149.505825     0.165955
0.001379    0.768422    29.109511

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000   -0.387554  -151.705469     -0.307598
-0.001319  -0.776736  -100.145153
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0.25000	-0.855672	-114.932801	-0.307598
-0.001319	-0.405059	-43.925559	
0.50000	-1.833140	-73.174153	-0.307598
-0.001319	-0.057066	-43.164167	
0.75000	-2.898075	-34.822126	-0.307598
-0.001319	-0.210489	-42.434119	
1.00000	-3.837483	-17.608969	-0.307598
-0.001319	-0.400694	-96.355542	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.573830	16.213350	0.165955
0.001379	0.440427	27.937849	
0.25000	3.433732	48.290299	0.165955
0.001379	0.234126	111.683492	
0.50000	2.421143	90.322876	0.165955
0.001379	0.045394	145.982963	
0.75000	1.349146	130.026541	0.165955
0.001379	0.388638	114.916813	
1.00000	0.563430	173.282599	0.165955
0.001379	0.768422	33.634049	

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COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.404515	-175.092651	-0.307598
-0.001319	-0.776736	-121.101234	
0.25000	-1.223788	-131.764321	-0.307598
-0.001319	-0.405059	-49.070898	
0.50000	-2.295435	-92.066177	-0.307598
-0.001319	-0.057066	-47.493505	
0.75000	-3.308521	-50.030836	-0.307598
-0.001319	-0.210489	-48.187929	
1.00000	-4.443067	-17.945596	-0.307598
-0.001319	-0.400694	-119.122260	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.573830	16.213350	0.165955
0.001379	0.440427	27.937849	
0.25000	3.433732	48.290299	0.165955
0.001379	0.234126	111.683492	
0.50000	2.421143	90.322876	0.165955
0.001379	0.045394	145.982963	
0.75000	1.349146	130.026541	0.165955
0.001379	0.388638	114.916813	
1.00000	0.563430	173.282599	0.165955
0.001379	0.768422	33.634049	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.404515	-175.092651	-0.307598
-0.001319	-0.776736	-121.101234	
0.25000	-1.223788	-131.764321	-0.307598
-0.001319	-0.405059	-49.070898	
0.50000	-2.295435	-92.066177	-0.307598
-0.001319	-0.057066	-47.493505	
0.75000	-3.308521	-50.030836	-0.307598
-0.001319	-0.210489	-48.187929	
1.00000	-4.443067	-17.945596	-0.307598
-0.001319	-0.400694	-119.122260	

ELEM 160 ========== LENGTH = 4.980901

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.019503	0.194338	0.075374
9.88E-06	0.191864	5.529123	
0.25000	0.018662	0.217862	0.075374
9.88E-06	0.098018	5.689070	
0.50000	0.017914	0.248680	0.075374
9.88E-06	0.004345	5.976368	
0.75000	0.017123	0.277782	0.075374
9.88E-06	0.119070	6.370301	
1.00000	0.016517	0.309504	0.075374
9.88E-06	0.246145	6.833521	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.028117	-0.671709	-0.102161
-0.000932	-0.262878	-3.245216	
0.25000	-0.028723	-0.639998	-0.102161
-0.000932	-0.135781	-3.046740	
0.50000	-0.029514	-0.610887	-0.102161
-0.000932	-0.009886	-2.899900	
0.75000	-0.030261	-0.580072	-0.102161
-0.000932	-0.089732	-2.754704	
1.00000	-0.031100	-0.556557	-0.102161
-0.000932	-0.183581	-2.661113	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.427446	15.982830	0.102929
3.66E-07	0.279869	29.048048	
0.25000	3.304496	47.387854	0.102929
3.66E-07	0.151689	110.371731	
0.50000	2.306204	88.530214	0.102929
3.66E-07	0.038708	143.381405	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.249988	127.381384	0.102929
3.66E-07	0.213833	111.952932	
1.00000	0.441346	169.730297	0.102929
3.66E-07	0.421111	31.283980	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.413608	-170.281415	-0.166588
-0.001121	-0.432316	-114.607959	
0.25000	-1.221802	-127.947107	-0.166588
-0.001121	-0.233489	-44.262768	
0.50000	-2.277868	-89.084646	-0.166588
-0.001121	-0.054284	-42.850999	
0.75000	-3.276297	-47.946358	-0.166588
-0.001121	-0.133307	-43.634150	
1.00000	-4.396252	-16.553550	-0.166588
-0.001121	-0.247147	-113.310661	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.577790	16.619347	0.125433
0.000658	0.331875	33.607748	
0.25000	3.430109	48.715988	0.125433
0.000658	0.175697	116.709194	
0.50000	2.409832	90.764404	0.125433
0.000658	0.042265	150.495960	
0.75000	1.330356	130.471173	0.125433
0.000658	0.247456	118.620356	
1.00000	0.503905	173.752713	0.125433
0.000658	0.483681	36.615241	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.418927	-174.508273	-0.189839
-0.000999	-0.486017	-119.101418	
0.25000	-1.244919	-131.241659	-0.189839
-0.000999	-0.258412	-47.111621	
0.50000	-2.324243	-91.523350	-0.189839
-0.000999	-0.061819	-45.573331	
0.75000	-3.344660	-49.479096	-0.189839
-0.000999	-0.166489	-46.278298	
1.00000	-4.489279	-17.394941	-0.189839
-0.000999	-0.307955	-117.393827	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.069782	0.198799	0.050796
0.000973	0.120839	5.506922	
0.25000	0.068941	0.222323	0.050796
0.000973	0.057609	5.657091	
0.50000	0.068193	0.253142	0.050796
0.000973	0.004490	5.937432	
0.75000	0.067402	0.282244	0.050796
0.000973	0.083381	6.325826	
1.00000	0.066796	0.313966	0.050796
0.000973	0.162609	6.782915	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001662	-0.666989	-0.063661
-9.51E-06	-0.154523	-3.300084	
0.25000	-0.002267	-0.635277	-0.063661
-9.51E-06	-0.075214	-3.092766	
0.50000	-0.003058	-0.606167	-0.063661
-9.51E-06	-0.009847	-2.937082	
0.75000	-0.003806	-0.575352	-0.063661
-9.51E-06	-0.069483	-2.783043	
1.00000	-0.004645	-0.551837	-0.063661
-9.51E-06	-0.132629	-2.680610	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.490585	15.986985	0.072569
0.001180	0.191697	29.016304	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.367635	47.392010	0.072569
0.001180	0.101452	110.327152	
0.50000	2.369343	88.534370	0.072569
0.001180	0.038876	143.328366	
0.75000	1.313127	127.385540	0.072569
0.001180	0.165672	111.894978	
1.00000	0.504485	169.734452	0.072569
0.001180	0.309374	31.218860	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.380634	-170.274234	-0.115478
-3.52E-07	-0.289120	-114.671882	
0.25000	-1.188828	-127.939926	-0.115478
-3.52E-07	-0.153753	-44.316280	
0.50000	-2.244894	-89.077465	-0.115478
-3.52E-07	-0.054324	-42.894101	
0.75000	-3.243323	-47.939177	-0.115478
-3.52E-07	-0.108449	-43.666841	
1.00000	-4.363278	-16.546369	-0.115478
-3.52E-07	-0.184236	-113.332942	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.597047	16.621187	0.115299
0.001051	0.302519	33.601268	
0.25000	3.449367	48.717828	0.115299
0.001051	0.159081	116.699327	
0.50000	2.429090	90.766244	0.115299
0.001051	0.042334	150.484397	
0.75000	1.349613	130.473013	0.115299
0.001051	0.236638	118.605366	
1.00000	0.523163	173.754553	0.115299
0.001051	0.457346	36.596737	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.408349	-174.506041	-0.177384
-0.000631	-0.450210	-119.127049	
0.25000	-1.234342	-131.239428	-0.177384
-0.000631	-0.238118	-47.133214	
0.50000	-2.313666	-91.521119	-0.177384
-0.000631	-0.061965	-45.590885	
0.75000	-3.334082	-49.476865	-0.177384
-0.000631	-0.157837	-46.291814	
1.00000	-4.478702	-17.392710	-0.177384
-0.000631	-0.286532	-117.403305	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.018454	0.198424	0.097695
9.38E-06	0.249432	6.548495	
0.25000	0.017986	0.206890	0.097695
9.38E-06	0.127945	6.880005	
0.50000	0.017456	0.225795	0.097695
9.38E-06	0.005490	7.256086	
0.75000	0.016970	0.246381	0.097695
9.38E-06	0.179907	7.682395	
1.00000	0.016737	0.264507	0.097695
9.38E-06	0.372621	8.130679	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.028539	-0.762160	-0.154830
-0.000924	-0.397147	-4.039605	
0.25000	-0.028773	-0.744028	-0.154830
-0.000924	-0.204136	-3.828055	
0.50000	-0.029258	-0.723438	-0.154830
-0.000924	-0.013526	-3.643439	
0.75000	-0.029787	-0.704535	-0.154830
-0.000924	-0.115938	-3.458919	
1.00000	-0.030254	-0.696087	-0.154830
-0.000924	-0.237286	-3.295242	

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COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.922610	15.556104	0.135771
2.18E-07	0.366978	24.399874	
0.25000	2.974603	32.726128	0.135771
2.18E-07	0.197594	77.480385	
0.50000	1.900353	71.064882	0.135771
2.18E-07	0.030695	106.485086	
0.75000	0.914077	112.812833	0.135771
2.18E-07	0.294341	78.667197	
1.00000	0.441043	149.572210	0.135771
2.18E-07	0.589357	26.988407	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.400582	-150.457728	-0.240234
-0.001068	-0.622743	-93.646458	
0.25000	-0.873282	-113.686183	-0.240234
-0.001068	-0.333998	-38.383424	
0.50000	-1.858069	-71.929746	-0.240234
-0.001068	-0.057955	-37.760040	
0.75000	-2.930714	-33.593879	-0.240234
-0.001068	-0.173264	-37.330069	
1.00000	-3.877434	-16.461813	-0.240234
-0.001068	-0.326847	-91.682887	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.998459	15.863870	0.152305
0.000613	0.401941	29.063004	
0.25000	3.050172	33.038974	0.152305
0.000613	0.212090	82.176045	
0.50000	1.975604	71.389072	0.152305
0.000613	0.034335	111.293356	
0.75000	0.989036	113.149374	0.152305
0.000613	0.339269	83.866963	
1.00000	0.515862	149.919627	0.152305
0.000613	0.674226	32.592098	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.397981	-151.101276	-0.272582
-0.000954	-0.699944	-96.337395	
0.25000	-0.870822	-114.318851	-0.272582
-0.000954	-0.371349	-40.927120	
0.50000	-1.855900	-72.550060	-0.272582
-0.000954	-0.066392	-40.172672	
0.75000	-2.928862	-34.202851	-0.272582
-0.000954	-0.200919	-39.602344	
1.00000	-3.875862	-17.065717	-0.272582
-0.000954	-0.375354	-93.843060	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.093994	0.203336	0.049047
0.000967	0.112648	6.567029	
0.25000	0.093526	0.211802	0.049047
0.000967	0.052161	6.891612	
0.50000	0.092997	0.230707	0.049047
0.000967	0.005686	7.260114	
0.75000	0.092510	0.251293	0.049047
0.000967	0.107433	7.677753	
1.00000	0.092277	0.269419	0.049047
0.000967	0.209677	8.119330	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001729	-0.766749	-0.082259
-8.80E-06	-0.200425	-4.116026	
0.25000	-0.001962	-0.748617	-0.082259
-8.80E-06	-0.098522	-3.892968	
0.50000	-0.002448	-0.728027	-0.082259
-8.80E-06	-0.013635	-3.696866	
0.75000	-0.002977	-0.709123	-0.082259
-8.80E-06	-0.070847	-3.500904	
1.00000	-0.003443	-0.700676	-0.082259
-8.80E-06	-0.132110	-3.331896	

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COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.016720	15.561213	0.074865
0.001168	0.196368	24.417881	
0.25000	3.068713	32.731237	0.074865
0.001168	0.103370	77.492163	
0.50000	1.994462	71.069992	0.074865
0.001168	0.030925	106.488132	
0.75000	1.008186	112.817942	0.074865
0.001168	0.202915	78.659683	
1.00000	0.535153	149.577320	0.074865
0.001168	0.384352	26.970913	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.368326	-150.462459	-0.149162
-1.99E-07	-0.376525	-93.746097	
0.25000	-0.841027	-113.690913	-0.149162
-1.99E-07	-0.202149	-38.468976	
0.50000	-1.825813	-71.934477	-0.149162
-1.99E-07	-0.058083	-37.831532	
0.75000	-2.898458	-33.598610	-0.149162
-1.99E-07	-0.116358	-37.387572	
1.00000	-3.845178	-16.466544	-0.149162
-1.99E-07	-0.194911	-91.726324	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.029337	15.866771	0.132346
0.001043	0.345551	29.073187	
0.25000	3.081050	33.041875	0.132346
0.001043	0.180954	82.183591	
0.50000	2.006482	71.391973	0.132346
0.001043	0.034426	111.296728	
0.75000	1.019914	113.152275	0.132346
0.001043	0.310143	83.866694	
1.00000	0.546741	149.922528	0.132346
0.001043	0.609054	32.588435	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.387216	-151.103974	-0.243626
-0.000587	-0.621073	-96.358030	
0.25000	-0.860057	-114.321549	-0.243626
-0.000587	-0.328907	-40.945072	
0.50000	-1.845134	-72.552759	-0.243626
-0.000587	-0.066624	-40.187953	
0.75000	-2.918097	-34.205550	-0.243626
-0.000587	-0.182091	-39.624376	
1.00000	-3.865097	-17.068415	-0.243626
-0.000587	-0.332065	-93.859708	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.597047	16.621187	0.125433
0.001180	0.331875	33.607748	
0.25000	3.449367	48.717828	0.125433
0.001180	0.175697	116.709194	
0.50000	2.429090	90.766244	0.125433
0.001180	0.042334	150.495960	
0.75000	1.349613	130.473013	0.125433
0.001180	0.247456	118.620356	
1.00000	0.523163	173.754553	0.125433
0.001180	0.483681	36.615241	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.418927	-174.508273	-0.189839
-0.001121	-0.486017	-119.127049	
0.25000	-1.244919	-131.241659	-0.189839
-0.001121	-0.258412	-47.133214	
0.50000	-2.324243	-91.523350	-0.189839
-0.001121	-0.061965	-45.590885	
0.75000	-3.344660	-49.479096	-0.189839
-0.001121	-0.166489	-46.291814	
1.00000	-4.489279	-17.394941	-0.189839
-0.001121	-0.307955	-117.403305	

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COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.029337	15.866771	0.152305
0.001168	0.401941	29.073187	
0.25000	3.081050	33.041875	0.152305
0.001168	0.212090	82.183591	
0.50000	2.006482	71.391973	0.152305
0.001168	0.034426	111.296728	
0.75000	1.019914	113.152275	0.152305
0.001168	0.339269	83.866963	
1.00000	0.546741	149.922528	0.152305
0.001168	0.674226	32.592098	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.400582	-151.103974	-0.272582
-0.001068	-0.699944	-96.358030	
0.25000	-0.873282	-114.321549	-0.272582
-0.001068	-0.371349	-40.945072	
0.50000	-1.858069	-72.552759	-0.272582
-0.001068	-0.066624	-40.187953	
0.75000	-2.930714	-34.205550	-0.272582
-0.001068	-0.200919	-39.624376	
1.00000	-3.877434	-17.068415	-0.272582
-0.001068	-0.375354	-93.859708	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.597047	16.621187	0.152305
0.001180	0.401941	33.607748	
0.25000	3.449367	48.717828	0.152305
0.001180	0.212090	116.709194	
0.50000	2.429090	90.766244	0.152305
0.001180	0.042334	150.495960	
0.75000	1.349613	130.473013	0.152305
0.001180	0.339269	118.620356	
1.00000	0.546741	173.754553	0.152305
0.001180	0.674226	36.615241	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.418927	-174.508273	-0.272582
-0.001121	-0.699944	-119.127049	
0.25000	-1.244919	-131.241659	-0.272582
-0.001121	-0.371349	-47.133214	
0.50000	-2.324243	-91.523350	-0.272582
-0.001121	-0.066624	-45.590885	
0.75000	-3.344660	-49.479096	-0.272582
-0.001121	-0.200919	-46.291814	
1.00000	-4.489279	-17.394941	-0.272582
-0.001121	-0.375354	-117.403305	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.597047	16.621187	0.152305
0.001180	0.401941	33.607748	
0.25000	3.449367	48.717828	0.152305
0.001180	0.212090	116.709194	
0.50000	2.429090	90.766244	0.152305
0.001180	0.042334	150.495960	
0.75000	1.349613	130.473013	0.152305
0.001180	0.339269	118.620356	
1.00000	0.546741	173.754553	0.152305
0.001180	0.674226	36.615241	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.418927	-174.508273	-0.272582
-0.001121	-0.699944	-119.127049	
0.25000	-1.244919	-131.241659	-0.272582

-0.001121 -0.371349 -47.133214
0.50000 -2.324243 -91.523350 -0.272582
-0.001121 -0.066624 -45.590885
0.75000 -3.344660 -49.479096 -0.272582
-0.001121 -0.200919 -46.291814
1.00000 -4.489279 -17.394941 -0.272582
-0.001121 -0.375354 -117.403305
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ELEM 161 ========== LENGTH = 4.980413

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.008885 0.346301 0.067090
0.000142 0.170170 6.810270
0.25000 0.008052 0.369839 0.067090
0.000142 0.086649 6.677885
0.50000 0.007309 0.400673 0.067090
0.000142 0.003291 6.627865
0.75000 0.006523 0.429789 0.067090
0.000142 0.089949 6.664879
1.00000 0.005921 0.461483 0.067090
0.000142 0.189459 6.758183

COMB DB-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.032876 -0.397579 -0.079954
-0.000758 -0.209075 -2.645255
0.25000 -0.033478 -0.365923 -0.079954
-0.000758 -0.109534 -2.416636
0.50000 -0.034264 -0.336798 -0.079954
-0.000758 -0.010698 -2.239710
0.75000 -0.035007 -0.305967 -0.079954
-0.000758 -0.080473 -2.064433
1.00000 -0.035838 -0.282440 -0.079954
-0.000758 -0.164004 -1.940876

COMB DB-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.374329 16.308314 0.095261
0.000180 0.258480 31.294184
0.25000 3.263081 47.731745 0.095261
0.000180 0.139854 112.167740
0.50000 2.271231 88.896013 0.095261
0.000180 0.036851 144.532439
0.75000 1.221396 127.765125 0.095261
0.000180 0.166303 112.412274
1.00000 0.418030 170.077368 0.095261
0.000180 0.328259 31.022482

COMB DB-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.418097 -169.794137 -0.130192
-0.000924 -0.346460 -113.250678
0.25000 -1.220742 -127.533227 -0.130192
-0.000924 -0.191202 -42.943128
0.50000 -2.270336 -88.650682 -0.130192
-0.000924 -0.055813 -41.644616
0.75000 -3.262433 -47.491251 -0.130192
-0.000924 -0.128452 -42.548617
1.00000 -4.371843 -16.082332 -0.130192
-0.000924 -0.236690 -112.498779

COMB DB-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.518647 17.031714 0.129115
0.000691 0.338981 36.638606
0.25000 3.382927 49.147166 0.129115
0.000691 0.178247 119.106989
0.50000 2.369234 91.217973 0.129115
0.000691 0.039743 152.052948
0.75000 1.296279 130.943079 0.129115
0.000691 0.211474 119.258870
1.00000 0.475220 174.187142 0.129115
0.000691 0.414481 36.259595

COMB DB-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.423359 -173.827881 -0.163119
-0.000984 -0.424754 -117.343107
0.25000 -1.243680 -130.636281 -0.163119
-0.000984 -0.228623 -45.372576
0.50000 -2.316389 -90.897446 -0.163119
-0.000984 -0.063973 -43.930832
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST P V2 V3
T M2 M3
0.75000 -3.330334 -48.831583 -0.163119
-0.000984 -0.175278 -44.740106
1.00000 -4.464176 -16.730961 -0.163119
-0.000984 -0.325434 -116.116108

COMB DB-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.061704 0.351420 0.064847
0.000787 0.155797 6.789947
0.25000 0.060872 0.374959 0.064847
0.000787 0.075168 6.649337
0.50000 0.060129 0.405793 0.064847
0.000787 0.003449 6.591253
0.75000 0.059343 0.434909 0.064847
0.000787 0.093895 6.623098
1.00000 0.058741 0.466603 0.064847
0.000787 0.184578 6.710149

COMB DB-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.002500 -0.392145 -0.072828
-0.000138 -0.178145 -2.695646
0.25000 -0.003101 -0.360488 -0.072828
-0.000138 -0.087493 -2.457023
0.50000 -0.003887 -0.331363 -0.072828
-0.000138 -0.010581 -2.270092
0.75000 -0.004631 -0.300532 -0.072828
-0.000138 -0.086637 -2.084811
1.00000 -0.005462 -0.277005 -0.072828
-0.000138 -0.167224 -1.951249

COMB DB-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.443108 16.313213 0.092837
0.000959 0.241616 31.264533
0.25000 3.331860 47.736645 0.092837
0.000959 0.126228 112.126854
0.50000 2.340010 88.900913 0.092837
0.000959 0.037034 144.481741
0.75000 1.290175 127.770024 0.092837
0.000959 0.168128 112.356430
1.00000 0.486809 170.082267 0.092837
0.000959 0.315842 30.959889

COMB DB-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.381020 -169.786009 -0.118642
-0.000176 -0.301005 -113.309476
0.25000 -1.183665 -127.525099 -0.118642
-0.000176 -0.159979 -42.990154
0.50000 -2.233259 -88.642554 -0.118642
-0.000176 -0.056014 -41.679869
0.75000 -3.225356 -47.483123 -0.118642
-0.000176 -0.136642 -42.572099
1.00000 -4.334765 -16.074203 -0.118642
-0.000176 -0.241746 -112.510489

COMB DB-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.537053 17.033848 0.127560
0.001020 0.331554 36.633676
0.25000 3.401333 49.149301 0.127560
0.001020 0.172918 119.099483
0.50000 2.387640 91.220108 0.127560
0.001020 0.039808 152.042721
0.75000 1.314685 130.945214 0.127560
0.001020 0.216186 119.246053
1.00000 0.493626 174.189277 0.127560
0.001020 0.418673 36.242848

COMB DB-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.411265 -173.825413 -0.162791
-0.000716 -0.418901 -117.366568
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST P V2 V3
T M2 M3
0.25000 -1.231585 -130.633813 -0.162791
-0.000716 -0.223155 -45.391463
0.50000 -2.304294 -90.894979 -0.162791
-0.000716 -0.064293 -43.945146
0.75000 -3.318239 -48.829116 -0.162791
-0.000716 -0.177025 -44.749847
1.00000 -4.452081 -16.728494 -0.162791
-0.000716 -0.325170 -116.121276

COMB DL-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.009205 0.341780 0.085574
0.000144 0.217665 8.097564
0.25000 0.008741 0.350227 0.085574
0.000144 0.111317 8.004186
0.50000 0.008214 0.369141 0.085574
0.000144 0.004096 7.933150
0.75000 0.007731 0.389740 0.085574
0.000144 0.141070 7.905756
1.00000 0.007501 0.407872 0.085574
0.000144 0.295527 7.901330

COMB DL-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.037156 -0.478745 -0.124053
-0.000695 -0.321888 -3.275380
0.25000 -0.037386 -0.460607 -0.124053
-0.000695 -0.167347 -3.029489
0.50000 -0.037869 -0.440012 -0.124053
-0.000695 -0.014383 -2.807013
0.75000 -0.038394 -0.421102 -0.124053
-0.000695 -0.102102 -2.581882
1.00000 -0.038858 -0.412688 -0.124053
-0.000695 -0.208675 -2.386726

COMB DL-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.870138 15.890126 0.118795
0.000190 0.320574 26.956814
0.25000 2.928835 33.020203 0.118795
0.000190 0.173424 79.318109
0.50000 1.861607 71.378470 0.118795
0.000190 0.027790 107.516701
0.75000 0.881638 113.151866 0.118795
0.000190 0.229230 78.963735
1.00000 0.415222 149.923169 0.118795
0.000190 0.459017 26.484283

COMB DL-G1-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.408580 -149.987814 -0.186737
-0.000844 -0.492382 -91.617987
0.25000 -0.874913 -113.204111 -0.186737
-0.000844 -0.269866 -36.458693
0.50000 -1.853461 -71.436612 -0.186737
-0.000844 -0.059471 -35.857773
0.75000 -2.919497 -33.088214 -0.186737
-0.000844 -0.158032 -35.561002
1.00000 -3.860035 -16.024160 -0.186737
-0.000844 -0.292637 -90.055931

COMB DL-G1-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.936977 16.280259 0.152829
0.000666 0.397314 32.576906
0.25000 2.995395 33.415404 0.152829
0.000666 0.208015 84.714181
0.50000 1.927852 71.785020 0.152829
0.000666 0.030628 112.745389
0.75000 0.947593 113.570775 0.152829
0.000666 0.285331 84.283514
1.00000 0.481039 150.352957 0.152829
0.000666 0.566855 31.913402
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COMB DL-G1-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.405927 -150.437091 -0.228463
-0.000894 -0.592642 -93.790659
0.25000 -0.872398 -113.642506 -0.228463
-0.000894 -0.318433 -38.461998
0.50000 -1.851235 -71.862649 -0.228463
-0.000894 -0.068543 -37.707871
0.75000 -2.917587 -33.502906 -0.228463
-0.000894 -0.208268 -37.257995
1.00000 -3.858403 -16.433804 -0.228463
-0.000894 -0.385190 -91.616047

COMB DL-G2-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.082282 0.348444 0.075002
0.000723 0.174673 8.129153
0.25000 0.081818 0.356891 0.075002
0.000723 0.081372 8.025185
0.50000 0.081292 0.375806 0.075002
0.000723 0.004306 7.943492
0.75000 0.080808 0.396404 0.075002
0.000723 0.122712 7.904636
1.00000 0.080578 0.414536 0.075002
0.000723 0.240348 7.887402

COMB DL-G2-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.003556 -0.483150 -0.094619
-0.000140 -0.231007 -3.350986
0.25000 -0.003786 -0.465013 -0.094619
-0.000140 -0.113410 -3.088395
0.50000 -0.004268 -0.444417 -0.094619
-0.000140 -0.014389 -2.852709
0.75000 -0.004794 -0.425508 -0.094619
-0.000140 -0.104567 -2.617199
1.00000 -0.005258 -0.417093 -0.094619
-0.000140 -0.198236 -2.408632

COMB DL-G2-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.963267 15.897540 0.103287
0.000878 0.261792 26.990307
0.25000 3.021963 33.027617 0.103287
0.000878 0.134500 79.341008
0.50000 1.954736 71.385884 0.103287
0.000878 0.028035 107.527056
0.75000 0.974766 113.159280 0.103287
0.000878 0.202853 78.958995
1.00000 0.508350 149.930583 0.103287
0.000878 0.383259 26.464829

COMB DL-G2-2 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.369376 -149.992029 -0.147292
-0.000186 -0.372430 -91.707572
0.25000 -0.835708 -113.208326 -0.147292
-0.000186 -0.199816 -36.532330
0.50000 -1.814256 -71.440827 -0.147292
-0.000186 -0.059773 -35.915493
0.75000 -2.880293 -33.092429 -0.147292
-0.000186 -0.158425 -35.602877
1.00000 -3.820830 -16.028376 -0.147292
-0.000186 -0.273805 -90.081785

COMB DL-G2-3 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.966203 16.283994 0.148160
0.000929 0.378679 32.592634
0.25000 3.024621 33.419138 0.148160
0.000929 0.195563 84.726036
0.50000 1.957078 71.788755 0.148160
0.000929 0.030629 112.751738
0.75000 0.976819 113.574510 0.148160
0.000929 0.278527 84.284845
1.00000 0.510265 150.356692 0.148160
0.000929 0.545915 31.909865
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.391460 -150.439833 -0.216816
-0.000644 -0.556194 -93.824706
0.25000 -0.857931 -113.645248 -0.216816
-0.000644 -0.296646 -38.490021
0.50000 -1.836769 -71.865391 -0.216816
-0.000644 -0.068823 -37.729902
0.75000 -2.903120 -33.505648 -0.216816
-0.000644 -0.209476 -37.274050
1.00000 -3.843936 -16.436546 -0.216816
-0.000644 -0.380580 -91.625983

COMB DB ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.537053 17.033848 0.129115
0.001020 0.338981 36.638606
0.25000 3.401333 49.149301 0.129115
0.001020 0.178247 119.106989
0.50000 2.387640 91.220108 0.129115
0.001020 0.039808 152.052948
0.75000 1.314685 130.945214 0.129115
0.001020 0.216186 119.258870
1.00000 0.493626 174.189277 0.129115
0.001020 0.418673 36.259595

COMB DB ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.423359 -173.827881 -0.163119
-0.000984 -0.424754 -117.366568
0.25000 -1.243680 -130.636281 -0.163119
-0.000984 -0.228623 -45.391463
0.50000 -2.316389 -90.897446 -0.163119
-0.000984 -0.064293 -43.945146
0.75000 -3.330334 -48.831583 -0.163119
-0.000984 -0.177025 -44.749847
1.00000 -4.464176 -16.730961 -0.163119
-0.000984 -0.325434 -116.121276

COMB DL ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 3.966203 16.283994 0.152829
0.000929 0.397314 32.592634
0.25000 3.024621 33.419138 0.152829
0.000929 0.208015 84.726036
0.50000 1.957078 71.788755 0.152829
0.000929 0.030629 112.751738
0.75000 0.976819 113.574510 0.152829
0.000929 0.285331 84.284845
1.00000 0.510265 150.356692 0.152829
0.000929 0.566855 31.913402

COMB DL ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.408580 -150.439833 -0.228463
-0.000894 -0.592642 -93.824706
0.25000 -0.874913 -113.645248 -0.228463
-0.000894 -0.318433 -38.490021
0.50000 -1.853461 -71.865391 -0.228463
-0.000894 -0.068823 -37.729902
0.75000 -2.919497 -33.505648 -0.228463
-0.000894 -0.209476 -37.274050
1.00000 -3.860035 -16.436546 -0.228463
-0.000894 -0.385190 -91.625983

COMB CAR ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.537053 17.033848 0.152829
0.001020 0.397314 36.638606
0.25000 3.401333 49.149301 0.152829
0.001020 0.208015 119.106989
0.50000 2.387640 91.220108 0.152829
0.001020 0.039808 152.052948
0.75000 1.314685 130.945214 0.152829
0.001020 0.285331 119.258870
1.00000 0.510265 174.189277 0.152829
0.001020 0.566855 36.259595
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.423359 -173.827881 -0.228463
-0.000984 -0.592642 -117.366568
0.25000 -1.243680 -130.636281 -0.228463
-0.000984 -0.318433 -45.391463
0.50000 -2.316389 -90.897446 -0.228463
-0.000984 -0.068823 -43.945146
0.75000 -3.330334 -48.831583 -0.228463
-0.000984 -0.209476 -44.749847
1.00000 -4.464176 -16.730961 -0.228463
-0.000984 -0.385190 -116.121276

COMB DESIGN ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.537053 17.033848 0.152829
0.001020 0.397314 36.638606
0.25000 3.401333 49.149301 0.152829
0.001020 0.208015 119.106989
0.50000 2.387640 91.220108 0.152829
0.001020 0.039808 152.052948
0.75000 1.314685 130.945214 0.152829
0.001020 0.285331 119.258870
1.00000 0.510265 174.189277 0.152829
0.001020 0.566855 36.259595

COMB DESIGN ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.423359 -173.827881 -0.228463
-0.000984 -0.592642 -117.366568
0.25000 -1.243680 -130.636281 -0.228463
-0.000984 -0.318433 -45.391463
0.50000 -2.316389 -90.897446 -0.228463
-0.000984 -0.068823 -43.945146
0.75000 -3.330334 -48.831583 -0.228463
-0.000984 -0.209476 -44.749847
1.00000 -4.464176 -16.730961 -0.228463
-0.000984 -0.385190 -116.121276

ELEM 162 ========== LENGTH = 4.980998

COMB DB-G1-1 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.009079 0.225081 0.061000
0.000344 0.154225 6.741528
0.25000 0.008240 0.248621 0.061000
0.000344 0.078281 6.767303
0.50000 0.007491 0.279465 0.061000
0.000344 0.002511 6.836993
0.75000 0.006699 0.308593 0.061000
0.000344 0.066162 6.991915
1.00000 0.006092 0.340263 0.061000
0.000344 0.136811 7.183673

COMB DB-G1-1 ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.034029 -0.475033 -0.056824
-0.000570 -0.149241 -1.926903
0.25000 -0.034635 -0.443364 -0.056824
-0.000570 -0.079935 -1.800755
0.50000 -0.035427 -0.414234 -0.056824
-0.000570 -0.010919 -1.726371
0.75000 -0.036176 -0.383390 -0.056824
-0.000570 -0.073693 -1.653653
1.00000 -0.037013 -0.359853 -0.056824
-0.000570 -0.149658 -1.632691

COMB DB-G1-2 ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 4.410151 16.033449 0.093841
0.000434 0.253374 31.006200
0.25000 3.289861 47.459501 0.093841
0.000434 0.136426 112.402962
0.50000 2.290752 88.636312 0.093841
0.000434 0.035676 144.801351
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F R A M E E L E M E N T I N T E R N A L F O R C E S

```
 REL_DIST            P            V2           V3
        T           M2           M3
  0.75000     1.233250   127.522012     0.093841
 0.000434     0.122983   112.916040
  1.00000     0.423363   169.802319     0.093841
 0.000434     0.235577    31.680235

 COMB DB-G1-2 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.421468  -170.042514    -0.091491
-0.000702    -0.249546  -112.482062
  0.25000    -1.230110  -127.763326    -0.091491
-0.000702    -0.143031   -42.110748
  0.50000    -2.287197   -88.874709    -0.091491
-0.000702    -0.056003   -40.844840
  0.75000    -3.286903   -47.699195    -0.091491
-0.000702    -0.129670   -41.802756
  1.00000    -4.405152   -16.277032    -0.091491
-0.000702    -0.239436  -111.853735

 COMB DB-G1-3 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.557021    16.658474     0.138178
 0.000804     0.360080    36.251340
  0.25000     3.412059    48.776605     0.138178
 0.000804     0.188015   119.345126
  0.50000     2.390946    90.860231     0.138178
 0.000804     0.038059   152.444966
  0.75000     1.310156   130.602291     0.138178
 0.000804     0.177794   119.990942
  1.00000     0.482433   173.813715     0.138178
 0.000804     0.342240    37.171834

 COMB DB-G1-3 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.426762  -174.135560    -0.132873
-0.000930    -0.349414  -116.111529
  0.25000    -1.253212  -130.925280    -0.132873
-0.000930    -0.191512   -44.139445
  0.50000    -2.333578   -91.180240    -0.132873
-0.000930    -0.064344   -42.794637
  0.75000    -3.355301   -49.097939    -0.132873
-0.000930    -0.189547   -43.722629
  1.00000    -4.498176   -16.983782    -0.132873
-0.000930    -0.354257  -115.265283

 COMB DB-G2-1 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     0.065039     0.228521     0.078341
 0.000584     0.189752     6.720688
  0.25000     0.064200     0.252061     0.078341
 0.000584     0.092350     6.741024
  0.50000     0.063451     0.282905     0.078341
 0.000584     0.002655     6.804441
  0.75000     0.062659     0.312033     0.078341
 0.000584     0.102062     6.955378
  1.00000     0.062052     0.343704     0.078341
 0.000584     0.201619     7.142061

 COMB DB-G2-1 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.003600    -0.469590    -0.079953
-0.000340    -0.196683    -1.968652
  0.25000    -0.004206    -0.437921    -0.079953
-0.000340    -0.097124    -1.833789
  0.50000    -0.004998    -0.408791    -0.079953
-0.000340    -0.010902    -1.750691
  0.75000    -0.005746    -0.377947    -0.079953
-0.000340    -0.103162    -1.669259
  1.00000    -0.006584    -0.354410    -0.079953
-0.000340    -0.200679    -1.639582

 COMB DB-G2-2 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.482721    16.036059     0.115994
 0.000719     0.299063    30.975609
 Program     SAP2000     Nonlinear     Version     7.42
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 REL_DIST            P            V2           V3
        T           M2           M3
  0.25000     3.362431    47.462111     0.115994
 0.000719     0.154684   112.365259
  0.50000     2.363321    88.638922     0.115994
 0.000719     0.035844   144.755322
  0.75000     1.305820   127.524622     0.115994
 0.000719     0.168216   112.866670
  1.00000     0.495933   169.804930     0.115994
 0.000719     0.316740    31.624767

 COMB DB-G2-2 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.383920  -170.034613    -0.119272
-0.000436    -0.302484  -112.530851
  0.25000    -1.192562  -127.755426    -0.119272
-0.000436    -0.161195   -42.149262
  0.50000    -2.249648   -88.866809    -0.119272
-0.000436    -0.056280   -40.873078
  0.75000    -3.249355   -47.691294    -0.119272
-0.000436    -0.167296   -41.820719
  1.00000    -4.367604   -16.269131    -0.119272
-0.000436    -0.304442  -111.861423

 COMB DB-G2-3 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.576351    16.660057     0.144597
 0.000945     0.373049    36.247017
  0.25000     3.431390    48.778188     0.144597
 0.000945     0.193049   119.339467
  0.50000     2.410277    90.861814     0.144597
 0.000945     0.038128   152.436710
  0.75000     1.329487   130.603874     0.144597
 0.000945     0.193411   119.981381
  1.00000     0.501764   173.815298     0.144597
 0.000945     0.373731    37.158362

 COMB DB-G2-3 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.414073  -174.133186    -0.144960
-0.000798    -0.374392  -116.130901
  0.25000    -1.240523  -130.922906    -0.144960
-0.000798    -0.201421   -44.154851
  0.50000    -2.320889   -91.177866    -0.144960
-0.000798    -0.064682   -42.806079
  0.75000    -3.342611   -49.095565    -0.144960
-0.000798    -0.200799   -43.730105
  1.00000    -4.485487   -16.981408    -0.144960
-0.000798    -0.373451  -115.268794

 COMB DL-G1-1 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     0.009375     0.216422     0.076651
 0.000280     0.194281     7.876615
  0.25000     0.008908     0.224838     0.076651
 0.000280     0.098906     7.939148
  0.50000     0.008377     0.243753     0.076651
 0.000280     0.003078     8.018433
  0.75000     0.007891     0.264358     0.076651
 0.000280     0.103819     8.134289
  1.00000     0.007659     0.282501     0.076651
 0.000280     0.218719     8.265735

 COMB DL-G1-1 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.041774    -0.445283    -0.092335
-0.000486    -0.242568    -2.369172
  0.25000    -0.042006    -0.427144    -0.092335
-0.000486    -0.128101    -2.249401
  0.50000    -0.042492    -0.406538    -0.092335
-0.000486    -0.014423    -2.156648
  0.75000    -0.043022    -0.387622    -0.092335
-0.000486    -0.092474    -2.064031
  1.00000    -0.043489    -0.379204    -0.092335
-0.000486    -0.187869    -1.998378
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 COMB DL-G1-2 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     3.893815    15.698626     0.115300
 0.000351     0.305530    26.455168
  0.25000     2.945398    32.768015     0.115300
 0.000351     0.163148    79.035120
  0.50000     1.870341    71.127282     0.115300
 0.000351     0.025724   107.582245
  0.75000     0.883074   112.914580     0.115300
 0.000351     0.172361    79.321084
  1.00000     0.412690   149.707852     0.115300
 0.000351     0.341680    26.981646

 COMB DL-G1-2 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.416022  -150.000528    -0.137247
-0.000597    -0.366466   -90.034560
  0.25000    -0.885824  -113.214785    -0.137247
-0.000597    -0.206059   -34.926858
  0.50000    -1.871364   -71.425143    -0.137247
-0.000597    -0.059288   -34.502491
  0.75000    -2.945204   -33.063898    -0.137247
-0.000597    -0.158975   -34.457757
  1.00000    -3.893049   -15.993108    -0.137247
-0.000597    -0.291521   -89.099927

 COMB DL-G1-3 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     3.956622    15.990692     0.170387
 0.000661     0.433158    31.897891
  0.25000     3.007924    33.065132     0.170387
 0.000661     0.222150    84.369397
  0.50000     1.932549    71.435748     0.170387
 0.000661     0.027870   112.854024
  0.75000     0.944991   113.235409     0.170387
 0.000661     0.241084    84.773615
  1.00000     0.474468   150.039566     0.170387
 0.000661     0.474823    32.640323

 COMB DL-G1-3 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.412986  -150.432888    -0.189030
-0.000766    -0.491167   -91.610373
  0.25000    -0.882926  -113.636262    -0.189030
-0.000766    -0.266520   -36.418947
  0.50000    -1.868758   -71.834257    -0.189030
-0.000766    -0.068623   -35.927036
  0.75000    -2.942916   -33.461661    -0.189030
-0.000766    -0.236093   -35.814857
  1.00000    -3.891041   -16.385822    -0.189030
-0.000766    -0.437527   -90.405745

 COMB DL-G2-1 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     0.078107     0.221765     0.103676
 0.000499     0.245776     7.905606
  0.25000     0.077639     0.230181     0.103676
 0.000499     0.116651     7.960411
  0.50000     0.077109     0.249096     0.103676
 0.000499     0.003266     8.030553
  0.75000     0.076622     0.269701     0.103676
 0.000499     0.134302     8.136326
  1.00000     0.076390     0.287844     0.103676
 0.000499     0.265000     8.256161

 COMB DL-G2-1 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.004022    -0.448099    -0.104957
-0.000282    -0.257828    -2.430701
  0.25000    -0.004253    -0.429960    -0.104957
-0.000282    -0.127143    -2.299571
  0.50000    -0.004739    -0.409354    -0.104957
-0.000282    -0.014611    -2.195408
  0.75000    -0.005269    -0.390438    -0.104957
-0.000282    -0.140142    -2.091478
  1.00000    -0.005736    -0.382020    -0.104957
-0.000282    -0.269659    -2.014464
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 COMB DL-G2-2 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     3.982062    15.704086     0.147249
 0.000612     0.365184    26.486333
  0.25000     3.033644    32.773475     0.147249
 0.000612     0.182457    79.056703
  0.50000     1.958588    71.132742     0.147249
 0.000612     0.025941   107.594372
  0.75000     0.971321   112.920041     0.147249
 0.000612     0.209445    79.319749
  1.00000     0.500937   149.713312     0.147249
 0.000612     0.396632    26.967155

 COMB DL-G2-2 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.372356  -150.003033    -0.151465
-0.000353    -0.380419   -90.107281
  0.25000    -0.842158  -113.217290    -0.151465
-0.000353    -0.202304   -34.986075
  0.50000    -1.827698   -71.427648    -0.151465
-0.000353    -0.059734   -34.548347
  0.75000    -2.901538   -33.066403    -0.151465
-0.000353    -0.216420   -34.490181
  1.00000    -3.849383   -15.995613    -0.151465
-0.000353    -0.389244   -89.118910

 COMB DL-G2-3 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     3.982465    15.993862     0.181608
 0.000779     0.454878    31.913676
  0.25000     3.033767    33.068302     0.181608
 0.000779     0.229438    84.381127
  0.50000     1.958392    71.438917     0.181608
 0.000779     0.027971   112.861591
  0.75000     0.970833   113.238579     0.181608
 0.000779     0.253753    84.776562
  1.00000     0.500310   150.042736     0.181608
 0.000779     0.495573    32.638896

 COMB DL-G2-3 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.395706  -150.434930    -0.195287
-0.000656    -0.499909   -91.637995
  0.25000    -0.865646  -113.638304    -0.195287
-0.000656    -0.267377   -36.441431
  0.50000    -1.851478   -71.836299    -0.195287
-0.000656    -0.069303   -35.944521
  0.75000    -2.925635   -33.463703    -0.195287
-0.000656    -0.255439   -35.827385
  1.00000    -3.873761   -16.387863    -0.195287
-0.000656    -0.470934   -90.413085

 COMB      DB -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.576351    16.660057     0.144597
 0.000945     0.373049    36.251340
  0.25000     3.431390    48.778188     0.144597
 0.000945     0.193049   119.345126
  0.50000     2.410277    90.861814     0.144597
 0.000945     0.038128   152.444966
  0.75000     1.329487   130.603874     0.144597
 0.000945     0.193411   119.990942
  1.00000     0.501764   173.815298     0.144597
 0.000945     0.373731    37.171834

 COMB      DB -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.426762  -174.135560    -0.144960
-0.000930    -0.374392  -116.130901
  0.25000    -1.253212  -130.925280    -0.144960
-0.000930    -0.201421   -44.154851
  0.50000    -2.333578   -91.180240    -0.144960
-0.000930    -0.064682   -42.806079
  0.75000    -3.355301   -49.097939    -0.144960
-0.000930    -0.200799   -43.730105
  1.00000    -4.498176   -16.983782    -0.144960
-0.000930    -0.373451  -115.268794
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 COMB      DL -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     3.982465    15.993862     0.181608
 0.000779     0.454878    31.913676
  0.25000     3.033767    33.068302     0.181608
 0.000779     0.229438    84.381127
  0.50000     1.958588    71.438917     0.181608
 0.000779     0.027971   112.861591
  0.75000     0.971321   113.238579     0.181608
 0.000779     0.253753    84.776562
  1.00000     0.500937   150.042736     0.181608
 0.000779     0.495573    32.640323

 COMB      DL -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.416022  -150.434930    -0.195287
-0.000766    -0.499909   -91.637995
  0.25000    -0.885824  -113.638304    -0.195287
-0.000766    -0.267377   -36.441431
  0.50000    -1.871364   -71.836299    -0.195287
-0.000766    -0.069303   -35.944521
  0.75000    -2.945204   -33.463703    -0.195287
-0.000766    -0.255439   -35.827385
  1.00000    -3.893049   -16.387863    -0.195287
-0.000766    -0.470934   -90.413085

 COMB      CAR -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.576351    16.660057     0.181608
 0.000945     0.454878    36.251340
  0.25000     3.431390    48.778188     0.181608
 0.000945     0.229438   119.345126
  0.50000     2.410277    90.861814     0.181608
 0.000945     0.038128   152.444966
  0.75000     1.329487   130.603874     0.181608
 0.000945     0.253753   119.990942
  1.00000     0.501764   173.815298     0.181608
 0.000945     0.495573    37.171834

 COMB      CAR -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.426762  -174.135560    -0.195287
-0.000930    -0.499909  -116.130901
  0.25000    -1.253212  -130.925280    -0.195287
-0.000930    -0.267377   -44.154851
  0.50000    -2.333578   -91.180240    -0.195287
-0.000930    -0.069303   -42.806079
  0.75000    -3.355301   -49.097939    -0.195287
-0.000930    -0.255439   -43.730105
  1.00000    -4.498176   -16.983782    -0.195287
-0.000930    -0.470934  -115.268794

 COMB  DESIGN -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.576351    16.660057     0.181608
 0.000945     0.454878    36.251340
  0.25000     3.431390    48.778188     0.181608
 0.000945     0.229438   119.345126
  0.50000     2.410277    90.861814     0.181608
 0.000945     0.038128   152.444966
  0.75000     1.329487   130.603874     0.181608
 0.000945     0.253753   119.990942
  1.00000     0.501764   173.815298     0.181608
 0.000945     0.495573    37.171834

 COMB  DESIGN -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.426762  -174.135560    -0.195287
-0.000930    -0.499909  -116.130901
  0.25000    -1.253212  -130.925280    -0.195287
-0.000930    -0.267377   -44.154851
  0.50000    -2.333578   -91.180240    -0.195287
-0.000930    -0.069303   -42.806079
  0.75000    -3.355301   -49.097939    -0.195287
-0.000930    -0.255439   -43.730105
  1.00000    -4.498176   -16.983782    -0.195287
-0.000930    -0.470934  -115.268794
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 COMB DB-G1-1 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     0.010718     0.290934     0.056415
 0.000513     0.142345     7.173248
  0.25000     0.009886     0.314474     0.056415
 0.000513     0.072091     7.069840
  0.50000     0.009143     0.345320     0.056415
 0.000513     0.002067     7.001686
  0.75000     0.008357     0.374449     0.056415
 0.000513     0.056684     7.012148
  1.00000     0.007754     0.406111     0.056415
 0.000513     0.116382     7.066518

 COMB DB-G1-1 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.047306    -0.401219    -0.047978
-0.000356    -0.122593    -1.620244
  0.25000    -0.047907    -0.369558    -0.047978
-0.000356    -0.062840    -1.491265
  0.50000    -0.048693    -0.340428    -0.047978
-0.000356    -0.011251    -1.414025
  0.75000    -0.049437    -0.309582    -0.047978
-0.000356    -0.068383    -1.338451
  1.00000    -0.050267    -0.286043    -0.047978
-0.000356    -0.138639    -1.314658

 COMB DB-G1-2 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.375549    16.164204     0.096546
 0.000665     0.258893    31.664812
  0.25000     3.265386    47.590313     0.096546
 0.000665     0.138628   113.048829
  0.50000     2.273515    88.768786     0.096546
 0.000665     0.034987   145.072851
  0.75000     1.223089   127.655802     0.096546
 0.000665     0.103978   112.825666
  1.00000     0.418788   169.925495     0.096546
 0.000665     0.194653    31.521137

 COMB DB-G1-2 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.436247  -169.898707    -0.072897
-0.000448    -0.187565  -111.838468
  0.25000    -1.238588  -127.631258    -0.072897
-0.000448    -0.108164   -41.576492
  0.50000    -2.288361   -88.742452    -0.072897
-0.000448    -0.056539   -40.387106
  0.75000    -3.281116   -47.564230    -0.072897
-0.000448    -0.134724   -41.421518
  1.00000    -4.390166   -16.138876    -0.072897
-0.000448    -0.248863  -111.584535

 COMB DB-G1-3 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     4.523434    16.834949     0.151461
 0.000913     0.391896    37.165907
  0.25000     3.388823    48.953139     0.151461
 0.000913     0.203360   120.179716
  0.50000     2.375108    91.038464     0.151461
 0.000913     0.037062   152.814889
  0.75000     1.301549   130.781868     0.151461
 0.000913     0.165022   119.909052
  1.00000     0.479535   173.982444     0.151461
 0.000913     0.314345    36.945681

 COMB DB-G1-3 -------------------- MIN

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000    -0.440084  -173.946532    -0.119974
-0.000817    -0.302785  -115.263283
  0.25000    -1.260094  -130.748248    -0.119974
-0.000817    -0.164995   -43.401511
  0.50000    -2.332986   -91.003015    -0.119974
-0.000817    -0.065134   -42.133480
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 REL_DIST            P            V2           V3
        T           M2           M3
  0.75000    -3.347603   -48.917947    -0.119974
-0.000817    -0.207719   -43.138219
  1.00000    -4.481078   -16.800529    -0.119974
-0.000817    -0.390099  -114.793946

 COMB DB-G2-1 -------------------- MAX

 REL_DIST            P            V2           V3
        T           M2           M3
  0.00000     0.070261     0.293016     0.091844
 0.000356     0.223215     7.155892
  0.25000     0.069430     0.316557     0.091844
 0.000356     0.108978     7.049752
  0.50000     0.068687     0.347402     0.091844
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0.000356    0.002182    6.978670
 0.75000    0.067900    0.376531    0.091844
0.000356    0.108852    6.988955
 1.00000    0.067297    0.408193    0.091844
0.000356    0.215603    7.042458

 COMB DB-G2-1 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.004576   -0.399741   -0.085742
-0.000529   -0.211466   -1.658789
 0.25000    -0.005177   -0.368080   -0.085742
-0.000529   -0.104707   -1.520760
 0.50000    -0.005964   -0.338950   -0.085742
-0.000529   -0.011345   -1.434471
 0.75000    -0.006707   -0.308105   -0.085742
-0.000529   -0.120102   -1.349848
 1.00000    -0.007538   -0.284565   -0.085742
-0.000529   -0.234377   -1.317006

 COMB DB-G2-2 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.451979    16.164784   0.141396
0.000447    0.361531    31.637847
 0.25000    3.341816    47.590894   0.141396
0.000447    0.185531   113.018851
 0.50000    2.349945    88.769367   0.141396
0.000447    0.035128   145.038291
 0.75000    1.299518    127.656382  0.141396
0.000447    0.169675   112.792397
 1.00000    0.495217    169.926075  0.141396
0.000447    0.319705    31.488075

 COMB DB-G2-2 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.383724   -169.896090 -0.120485
-0.000686   -0.299419   -111.883560
 0.25000    -1.186065   -127.628641 -0.120485
-0.000686   -0.160771   -41.610915
 0.50000    -2.235838   -88.739835  -0.120485
-0.000686   -0.056895   -40.410861
 0.75000    -3.228593   -47.561614  -0.120485
-0.000686   -0.200060   -41.434604
 1.00000    -4.337643   -16.136259  -0.120485
-0.000686   -0.369952   -111.586951

 COMB DB-G2-3 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.545057    16.835853   0.165132
0.000817    0.423023    37.163555
 0.25000    3.410445    48.954044   0.165132
0.000817    0.217473   120.177667
 0.50000    2.396731    91.039369   0.165132
0.000817    0.037120   152.810701
 0.75000    1.323172    130.782772  0.165132
0.000817    0.185232   119.904190
 1.00000    0.501158    173.983348  0.165132
0.000817    0.352889    36.938757

 COMB DB-G2-3 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.422352   -173.945541 -0.134656
-0.000902   -0.337193   -115.281128
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 REL_DIST          P          V2          V3
        T          M2         M3
 0.25000    -1.242363   -130.747258 -0.134656
-0.000902   -0.181248   -43.415237
 0.50000    -2.315254   -91.002025  -0.134656
-0.000902   -0.065510   -42.143087
 0.75000    -3.329872   -48.916957  -0.134656
-0.000902   -0.227898   -43.143708
 1.00000    -4.463346   -16.799539  -0.134656
-0.000902   -0.427225   -114.795316

 COMB DL-G1-1 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    0.011674    0.287011    0.070818
0.000438    0.178316    8.248545
 0.25000    0.011210    0.295424    0.070818
0.000438    0.090426    8.148992
 0.50000    0.010684    0.314339    0.070818
0.000438    0.002585    8.063967
 0.75000    0.010200    0.334947    0.070818
0.000438    0.073479    8.013716
 1.00000    0.009971    0.353090    0.070818
0.000438    0.157261    7.977947

 COMB DL-G1-1 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.058245   -0.366677   -0.067256
-0.000292   -0.177793   -1.982755
 0.25000    -0.058474   -0.348536   -0.067256
-0.000292   -0.093976   -1.859399
 0.50000    -0.058957   -0.327932   -0.067256
-0.000292   -0.014509   -1.762901
 0.75000    -0.059483   -0.309014   -0.067256
-0.000292   -0.085858   -1.666591
 1.00000    -0.059947   -0.300600   -0.067256
-0.000292   -0.173835   -1.597127

 COMB DL-G1-2 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    3.860248    15.845289   0.120431
0.000563    0.312781    26.961235
 0.25000    2.919145    32.906641   0.120431
0.000563    0.165052    79.327533
 0.50000    1.851726    71.266857   0.120431
0.000563    0.024823   107.678819
 0.75000    0.871269    113.058892  0.120431
0.000563    0.128581    79.179345
 1.00000    0.405454    149.853880  0.120431
0.000563    0.252844    26.633591

 COMB DL-G1-2 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.435546   -149.866740 -0.099648
-0.000365   -0.265189   -89.081828
 0.25000    -0.900356   -113.075198 -0.099648
-0.000365   -0.152763   -34.049398
 0.50000    -1.879037   -71.290221  -0.099648
-0.000365   -0.059667   -33.750335
 0.75000    -2.945530   -32.924543  -0.099648
-0.000365   -0.167958   -33.825568
 1.00000    -3.886886   -15.860946  -0.099648
-0.000365   -0.308006   -88.567469

 COMB DL-G1-3 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    3.918580    16.185150   0.198073
0.000748    0.496407    32.637478
 0.25000    2.977199    33.251550   0.198073
0.000748    0.251580    84.802174
 0.50000    1.909465    71.623116   0.198073
0.000748    0.026519   112.977494
 0.75000    0.928717    113.427515  0.198073
0.000748    0.208494    84.543274
 1.00000    0.462764    150.233389  0.198073
0.000748    0.408889    32.107561
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 COMB DL-G1-3 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.431207   -150.253382 -0.160799
-0.000662   -0.413925   -90.404868
 0.25000    -0.896155   -113.450955 -0.160799
-0.000662   -0.225341   -35.286638
 0.50000    -1.875126   -71.653616  -0.160799
-0.000662   -0.069262   -34.917889
 0.75000    -2.941934   -33.276587  -0.160799
-0.000662   -0.273585   -34.923588
 1.00000    -3.883568   -16.207941  -0.160799
-0.000662   -0.510624   -89.612111

 COMB DL-G2-1 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    0.075702    0.292602    0.132629
0.000292    0.317978    8.281123
 0.25000    0.075237    0.301015    0.132629
0.000292    0.152445    8.175982
 0.50000    0.074711    0.319931    0.132629
0.000292    0.002681    8.084172
 0.75000    0.074228    0.340538    0.132629
0.000292    0.143828    8.026424
 1.00000    0.073998    0.358682    0.132629
0.000292    0.284733    7.982885

 COMB DL-G2-1 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.005057   -0.373220   -0.113142
-0.000452   -0.278957   -2.038807
 0.25000    -0.005286   -0.355078   -0.113142
-0.000452   -0.138220   -1.903652
 0.50000    -0.005768   -0.334474   -0.113142
-0.000452   -0.014683   -1.795349
 0.75000    -0.006294   -0.315556   -0.113142
-0.000452   -0.176511   -1.687229
 1.00000    -0.006758   -0.307142   -0.113142
-0.000452   -0.342058   -1.605962

 COMB DL-G2-2 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    3.941610    15.850893   0.196569
0.000364    0.484249    26.996486
 0.25000    3.000507    32.912244   0.196569
0.000364    0.240908    79.355809
 0.50000    1.933089    71.272461   0.196569
0.000364    0.025001   107.700572
 0.75000    0.952632    113.064496  0.196569
0.000364    0.216584    79.192266
 1.00000    0.486816    149.859484  0.196569
0.000364    0.411684    26.636016

 COMB DL-G2-2 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.372933   -149.873961 -0.156616
-0.000582   -0.390209   -89.148083
 0.25000    -0.837743   -113.082419 -0.156616
-0.000582   -0.206907   -34.101706
 0.50000    -1.816424   -71.297442  -0.156616
-0.000582   -0.060464   -33.788697
 0.75000    -2.882917   -32.931764  -0.156616
-0.000582   -0.280178   -33.850130
 1.00000    -3.824273   -15.868167  -0.156616
-0.000582   -0.515646   -88.577946

 COMB DL-G2-3 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    3.943066    16.188442   0.222595
0.000661    0.552276    32.655068
 0.25000    3.001685    33.254841   0.222595
0.000661    0.276728    84.816358
 0.50000    1.933951    71.626407   0.222595
0.000661    0.026625   112.988442
 0.75000    0.953203    113.430806  0.222595
0.000661    0.235331    84.551378
 1.00000    0.487250    150.236681  0.222595
0.000661    0.457646    32.111447
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 COMB DL-G2-3 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.407660   -150.256763 -0.178418
-0.000754   -0.452791   -90.430074
 0.25000    -0.872607   -113.454336 -0.178418
-0.000754   -0.242342   -35.306471
 0.50000    -1.851578   -71.656997  -0.178418
-0.000754   -0.070341   -34.932506
 0.75000    -2.918386   -33.279968  -0.178418
-0.000754   -0.309049   -34.932919
 1.00000    -3.860021   -16.211323  -0.178418
-0.000754   -0.576931   -89.616030

 COMB       DB ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.545057    16.835853   0.165132
0.000913    0.423023    37.165907
 0.25000    3.410445    48.954044   0.165132
0.000913    0.217473   120.179716
 0.50000    2.396731    91.039369   0.165132
0.000913    0.037120   152.814889
 0.75000    1.323172    130.782772  0.165132
0.000913    0.185232   119.909052
 1.00000    0.501158    173.983348  0.165132
0.000913    0.352889    36.945681

 COMB       DB ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.440084   -173.946532 -0.134656
-0.000902   -0.337193   -115.281128
 0.25000    -1.260094   -130.748248 -0.134656
-0.000902   -0.181248   -43.415237
 0.50000    -2.332986   -91.003015  -0.134656
-0.000902   -0.065510   -42.143087
 0.75000    -3.347603   -48.917947  -0.134656
-0.000902   -0.227898   -43.143708
 1.00000    -4.481078   -16.800529  -0.134656
-0.000902   -0.427225   -114.795316

 COMB       DL ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    3.943066    16.188442   0.222595
0.000748    0.552276    32.655068
 0.25000    3.001685    33.254841   0.222595
0.000748    0.276728    84.816358
 0.50000    1.933951    71.626407   0.222595
0.000748    0.026625   112.988442
 0.75000    0.953203    113.430806  0.222595
0.000748    0.235331    84.551378
 1.00000    0.487250    150.236681  0.222595
0.000748    0.457646    32.111447

 COMB       DL ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.435546   -150.256763 -0.178418
-0.000754   -0.452791   -90.430074
 0.25000    -0.900356   -113.454336 -0.178418
-0.000754   -0.242342   -35.306471
 0.50000    -1.879037   -71.656997  -0.178418
-0.000754   -0.070341   -34.932506
 0.75000    -2.945530   -33.279968  -0.178418
-0.000754   -0.309049   -34.932919
 1.00000    -3.886886   -16.211323  -0.178418
-0.000754   -0.576931   -89.616030

 COMB       CAR ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.545057    16.835853   0.222595
0.000913    0.552276    37.165907
 0.25000    3.410445    48.954044   0.222595
0.000913    0.276728   120.179716
 0.50000    2.396731    91.039369   0.222595
0.000913    0.037120   152.814889
 0.75000    1.323172    130.782772  0.222595
0.000913    0.235331   119.909052
 1.00000    0.501158    173.983348  0.222595
0.000913    0.457646    36.945681
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 COMB       CAR ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.440084   -173.946532 -0.178418
-0.000902   -0.452791   -115.281128
 0.25000    -1.260094   -130.748248 -0.178418
-0.000902   -0.242342   -43.415237
 0.50000    -2.332986   -91.003015  -0.178418
-0.000902   -0.070341   -42.143087
 0.75000    -3.347603   -48.917947  -0.178418
-0.000902   -0.309049   -43.143708
 1.00000    -4.481078   -16.800529  -0.178418
-0.000902   -0.576931   -114.795316

 COMB  DESIGN ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.545057    16.835853   0.222595
0.000913    0.552276    37.165907
 0.25000    3.410445    48.954044   0.222595
0.000913    0.276728   120.179716
 0.50000    2.396731    91.039369   0.222595
0.000913    0.037120   152.814889
 0.75000    1.323172    130.782772  0.222595
0.000913    0.235331   119.909052
 1.00000    0.501158    173.983348  0.222595
0.000913    0.457646    36.945681

 COMB  DESIGN ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.440084   -173.946532 -0.178418
-0.000902   -0.452791   -115.281128
 0.25000    -1.260094   -130.748248 -0.178418
-0.000902   -0.242342   -43.415237
 0.50000    -2.332986   -91.003015  -0.178418
-0.000902   -0.070341   -42.143087
 0.75000    -3.347603   -48.917947  -0.178418
-0.000902   -0.309049   -43.143708
 1.00000    -4.481078   -16.800529  -0.178418
-0.000902   -0.576931   -114.795316

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4.980359

 COMB DB-G1-1 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    0.011528    0.364539    0.052873
0.000740    0.133025    7.061331
 0.25000    0.010690    0.388068    0.052873
0.000740    0.067194    6.806378
 0.50000    0.009942    0.418904    0.052873
0.000740    0.001576    6.580865
 0.75000    0.009149    0.448035    0.052873
0.000740    0.050714    6.404251
 1.00000    0.008541    0.479651    0.052873
0.000740    0.103405    6.305610

 COMB DB-G1-1 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.068203   -0.301075   -0.042352
-0.000133   -0.107492   -1.303462
 0.25000    -0.068808   -0.269412   -0.042352
-0.000133   -0.054788   -1.175559
 0.50000    -0.069600   -0.240292   -0.042352
-0.000133   -0.010544   -1.099453
 0.75000    -0.070349   -0.209448   -0.042352
-0.000133   -0.064478   -1.025238
 1.00000    -0.071186   -0.185891   -0.042352
-0.000133   -0.130303   -1.002242

 COMB DB-G1-2 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.408929    16.365059   0.101670
0.000895    0.270954    31.551223
 0.25000    3.289983    47.777229   0.101670
0.000895    0.144333   112.686842
 0.50000    2.291209    88.942524   0.101670
0.000895    0.035005   144.502485
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F O R C E S

 REL_DIST          P          V2          V3
        T          M2         M3
 0.75000    1.233243    127.832825  0.101670
0.000895    0.094774   112.293655
 1.00000    0.422049    170.039879  0.101670
0.000895    0.173318    30.785092

 COMB DB-G1-2 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.468595   -169.762065 -0.063071
-0.000171   -0.151739   -111.526251
 0.25000    -1.276486   -127.491660 -0.063071
-0.000171   -0.091252   -41.379737
 0.50000    -2.333350   -88.616356  -0.063071
-0.000171   -0.055629   -40.382014
 0.75000    -3.333599   -47.439255  -0.063071
-0.000171   -0.140860   -41.908776
 1.00000    -4.451388   -15.991669  -0.063071
-0.000171   -0.259253   -111.813751

 COMB DB-G1-3 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.563430    17.078376   0.167200
0.000932    0.430407    36.993583
 0.25000    3.419842    49.182319   0.167200
0.000932    0.222288   119.623340
 0.50000    2.399073    91.254177   0.167200
0.000932    0.036780   151.984224
 0.75000    1.317809    131.000938  0.167200
0.000932    0.160684   119.058779
 1.00000    0.488750    174.137496  0.167200
0.000932    0.303188    35.787579

 COMB DB-G1-3 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.470439   -173.745368 -0.114434
-0.000691   -0.277909   -114.748650
 0.25000    -1.296122   -130.544065 -0.114434
-0.000691   -0.153856   -43.004892
 0.50000    -2.376261   -90.812631  -0.114434
-0.000691   -0.063709   -41.932753
 0.75000    -3.398537   -48.728708  -0.114434
-0.000691   -0.227007   -43.440694
 1.00000    -4.540944   -16.588569  -0.114434
-0.000691   -0.426830   -114.832706

 COMB DB-G2-1 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    0.082276    0.369949    0.105418
0.000126    0.257300    7.057934
 0.25000    0.081438    0.393479    0.105418
0.000126    0.126065    6.795803
 0.50000    0.080690    0.424314    0.105418
0.000126    0.001687    6.561834
 0.75000    0.079897    0.453445    0.105418
0.000126    0.114356    6.376473
 1.00000    0.079290    0.485061    0.105418
0.000126    0.227065    6.272730

 COMB DB-G2-1 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.003534   -0.296346   -0.090517
-0.000777   -0.223754   -1.337643
 0.25000    -0.004139   -0.264683   -0.090517
-0.000777   -0.111061   -1.200439
 0.50000    -0.004931   -0.235563   -0.090517
-0.000777   -0.010760   -1.115032
 0.75000    -0.005680   -0.204719   -0.090517
-0.000777   -0.136690   -1.031515
 1.00000    -0.006517   -0.181162   -0.090517
-0.000777   -0.267904   -0.999228

 COMB DB-G2-2 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.498068    16.370613   0.168096
0.000162    0.428041    31.542377
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 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 REL_DIST          P          V2          V3
        T          M2         M3
 0.25000    3.379122    47.782782   0.168096
0.000162    0.218799   112.668306
 0.50000    2.380348    88.948078   0.168096
0.000162    0.035134   144.472172
 0.75000    1.322382    127.838379  0.168096
0.000162    0.175210   112.253738
 1.00000    0.511188    170.045433  0.168096
0.000162    0.329558    30.739610

 COMB DB-G2-2 ------------------- MIN

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    -0.389979   -169.754596 -0.123950
-0.000948   -0.298598   -111.566280
 0.25000    -1.197870   -127.484192 -0.123950
-0.000948   -0.162326   -41.408799
 0.50000    -2.254734   -88.608888  -0.123950
-0.000948   -0.055800   -40.400110
 0.75000    -3.254983   -47.431787  -0.123950
-0.000948   -0.232148   -41.915905
 1.00000    -4.372772   -15.984201  -0.123950
-0.000948   -0.433148   -111.809915

 COMB DB-G2-3 ------------------- MAX

 REL_DIST          P          V2          V3
        T          M2         M3
 0.00000    4.590656    17.080602   0.187737
0.000656    0.479023    36.996188
 0.25000    3.447068    49.184545   0.187737
```

0.000656 0.245319 119.623669
0.50000 2.426299 91.256402 0.187737
0.000656 0.036826 151.982118
0.75000 1.345034 131.003164 0.187737
0.000656 0.185152 119.052278
1.00000 0.515975 174.139721 0.187737
0.000656 0.350748 35.778374

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.442542	-173.742995	-0.132950
-0.001008	-0.322576	-114.764440	
0.25000	-1.268225	-130.541691	-0.132950
-0.001008	-0.175522	-43.016449	
0.50000	-2.348364	-90.810257	-0.132950
-0.001008	-0.063777	-41.940076	
0.75000	-3.370640	-48.726334	-0.132950
-0.001008	-0.255210	-43.443783	
1.00000	-4.513047	-16.586195	-0.132950
-0.001008	-0.480495	-114.831562	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.012724	0.373402	0.066766
0.000689	0.167414	7.967019	
0.25000	0.012257	0.381773	0.066766
0.000689	0.084310	7.686597	
0.50000	0.011727	0.400683	0.066766
0.000689	0.001942	7.417688	
0.75000	0.011240	0.421289	0.066766
0.000689	0.048055	7.167883	
1.00000	0.011007	0.439442	0.066766
0.000689	0.103029	6.961594	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079958	-0.277562	-0.044990
-0.000130	-0.121009	-1.583108	
0.25000	-0.080189	-0.259427	-0.044990
-0.000130	-0.064996	-1.461036	
0.50000	-0.080675	-0.238828	-0.044990
-0.000130	-0.013396	-1.366088	
0.75000	-0.081204	-0.219910	-0.044990
-0.000130	-0.082152	-1.271485	
1.00000	-0.081672	-0.211482	-0.044990
-0.000130	-0.164467	-1.203486	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.882716	16.113325	0.130236
0.000818	0.334193	26.635459	
0.25000	2.935192	33.090023	0.130236
0.000818	0.174952	78.550781	
0.50000	1.860532	71.438806	0.130236
0.000818	0.024516	106.732217	
0.75000	0.872810	113.228390	0.130236
0.000818	0.097334	77.966850	
1.00000	0.401888	150.041558	0.130236
0.000818	0.182647	25.363556	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.468975	-149.713513	-0.069579
-0.000174	-0.182609	-88.509074	
0.25000	-0.936827	-112.935781	-0.069579
-0.000174	-0.110829	-33.511646	
0.50000	-1.922309	-71.161437	-0.069579
-0.000174	-0.058214	-33.510786	
0.75000	-2.996548	-32.796216	-0.069579
-0.000174	-0.183242	-34.215813	
1.00000	-3.945600	-15.702474	-0.069579
-0.000174	-0.333876	-88.700157	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.940687	16.503179	0.230235
0.000860	0.574291	32.138174	
0.25000	2.992882	33.484899	0.230235
0.000860	0.290250	83.747681	
0.50000	1.917905	71.845028	0.230235
0.000860	0.025813	111.631445	
0.75000	0.929891	113.646976	0.230235
0.000860	0.186126	82.792227	
1.00000	0.458830	150.471035	0.230235
0.000860	0.357709	30.198723	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.462489	-150.048649	-0.138757
-0.000642	-0.351940	-89.571057	
0.25000	-0.930479	-113.260036	-0.138757
-0.000642	-0.194094	-34.490600	
0.50000	-1.916252	-71.473333	-0.138757
-0.000642	-0.067134	-34.422968	
0.75000	-2.990809	-33.096762	-0.138757
-0.000642	-0.315741	-35.061410	
1.00000	-3.940141	-15.997962	-0.138757
-0.000642	-0.591111	-89.495112	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.078993	0.383254	0.161281
0.000118	0.390132	8.013033	
0.25000	0.078526	0.391625	0.161281
0.000118	0.189146	7.718153	
0.50000	0.077996	0.410535	0.161281
0.000118	0.002084	7.436332	
0.75000	0.077509	0.431141	0.161281
0.000118	0.151616	7.172681	
1.00000	0.077277	0.449293	0.161281
0.000118	0.300846	6.951609	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004394	-0.281532	-0.119859
-0.000726	-0.296157	-1.632124	
0.25000	-0.004624	-0.263398	-0.119859
-0.000726	-0.146942	-1.497950	
0.50000	-0.005110	-0.242799	-0.119859
-0.000726	-0.013740	-1.390895	
0.75000	-0.005640	-0.223881	-0.119859
-0.000726	-0.211451	-1.284187	
1.00000	-0.006108	-0.215452	-0.119859
-0.000726	-0.412477	-1.204078	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.965446	16.124466	0.247978
0.000165	0.611015	26.685992	
0.25000	3.017921	33.101163	0.247978
0.000165	0.304996	78.585693	
0.50000	1.943262	71.449947	0.247978
0.000165	0.024676	106.751829	
0.75000	0.955540	113.239531	0.247978
0.000165	0.225780	77.969106	
1.00000	0.484618	150.052698	0.247978
0.000165	0.429378	25.346444	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.379150	-149.716989	-0.163651
-0.000881	-0.402629	-88.567057	
0.25000	-0.847002	-112.939257	-0.163651
-0.000881	-0.213860	-33.555326	
0.50000	-1.832483	-71.164913	-0.163651
-0.000881	-0.058657	-33.540162	
0.75000	-2.906723	-32.799693	-0.163651
-0.000881	-0.342430	-34.230881	
1.00000	-3.855774	-15.705950	-0.163651
-0.000881	-0.641035	-88.700927	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.967066	16.507678	0.268349
0.000609	0.661938	32.160432	
0.25000	3.019261	33.489398	0.268349
0.000609	0.331137	83.763970	
0.50000	1.944284	71.849528	0.268349
0.000609	0.025851	111.642042	
0.75000	0.956270	113.651475	0.268349
0.000609	0.228088	82.797645	
1.00000	0.485209	150.475534	0.268349
0.000609	0.437409	30.197234	

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.429130	-150.051037	-0.168453
-0.000930	-0.419520	-89.592891	
0.25000	-0.897120	-113.262424	-0.168453
-0.000930	-0.225325	-34.507108	
0.50000	-1.882893	-71.475720	-0.168453
-0.000930	-0.067289	-34.433976	
0.75000	-2.957450	-33.099150	-0.168453
-0.000930	-0.368424	-35.067060	
1.00000	-3.906783	-16.000350	-0.168453
-0.000930	-0.692237	-89.495348	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.590656	17.080602	0.187737
0.000932	0.479023	36.996188	
0.25000	3.447068	49.184545	0.187737
0.000932	0.245319	119.623669	
0.50000	2.426299	91.256402	0.187737
0.000932	0.036826	151.984224	
0.75000	1.345034	131.003164	0.187737
0.000932	0.185152	119.058779	
1.00000	0.515975	174.139721	0.187737
0.000932	0.350748	35.787579	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.470439	-173.745368	-0.132950
-0.001008	-0.322576	-114.764440	
0.25000	-1.296122	-130.544065	-0.132950
-0.001008	-0.175522	-43.016449	
0.50000	-2.376261	-90.812631	-0.132950
-0.001008	-0.063777	-41.940076	
0.75000	-3.398537	-48.728708	-0.132950
-0.001008	-0.255210	-43.443783	
1.00000	-4.540944	-16.588569	-0.132950
-0.001008	-0.480495	-114.832706	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.967066	16.507678	0.268349
0.000860	0.661938	32.160432	
0.25000	3.019261	33.489398	0.268349
0.000860	0.331137	83.763970	
0.50000	1.944284	71.849528	0.268349
0.000860	0.025851	111.642042	
0.75000	0.956270	113.651475	0.268349
0.000860	0.228088	82.797645	
1.00000	0.485209	150.475534	0.268349
0.000860	0.437409	30.198723	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.468975	-150.051037	-0.168453
-0.000930	-0.419520	-89.592891	
0.25000	-0.936827	-113.262424	-0.168453
-0.000930	-0.225325	-34.507108	
0.50000	-1.922309	-71.475720	-0.168453
-0.000930	-0.067289	-34.433976	
0.75000	-2.996548	-33.099150	-0.168453
-0.000930	-0.368424	-35.067060	
1.00000	-3.945600	-16.000350	-0.168453
-0.000930	-0.692237	-89.495348	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.590656	17.080602	0.268349
0.000932	0.661938	36.996188	
0.25000	3.447068	49.184545	0.268349
0.000932	0.331137	119.623669	
0.50000	2.426299	91.256402	0.268349
0.000932	0.036826	151.984224	
0.75000	1.345034	131.003164	0.268349
0.000932	0.228088	119.058779	
1.00000	0.515975	174.139721	0.268349
0.000932	0.437409	35.787579	

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.470439	-173.745368	-0.168453
-0.001008	-0.419520	-114.764440	
0.25000	-1.296122	-130.544065	-0.168453
-0.001008	-0.225325	-43.016449	
0.50000	-2.376261	-90.812631	-0.168453
-0.001008	-0.067289	-41.940076	
0.75000	-3.398537	-48.728708	-0.168453
-0.001008	-0.368424	-43.443783	
1.00000	-4.540944	-16.588569	-0.168453
-0.001008	-0.692237	-114.832706	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.590656	17.080602	0.268349
0.000932	0.661938	36.996188	
0.25000	3.447068	49.184545	0.268349
0.000932	0.331137	119.623669	
0.50000	2.426299	91.256402	0.268349
0.000932	0.036826	151.984224	
0.75000	1.345034	131.003164	0.268349
0.000932	0.228088	119.058779	
1.00000	0.515975	174.139721	0.268349
0.000932	0.437409	35.787579	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.470439	-173.745368	-0.168453
-0.001008	-0.419520	-114.764440	
0.25000	-1.296122	-130.544065	-0.168453
-0.001008	-0.225325	-43.016449	
0.50000	-2.376261	-90.812631	-0.168453
-0.001008	-0.067289	-41.940076	
0.75000	-3.398537	-48.728708	-0.168453
-0.001008	-0.368424	-43.443783	
1.00000	-4.540944	-16.588569	-0.168453
-0.001008	-0.692237	-114.832706	

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FRAME ELEMENT INTERNAL FORCES

ELEM 165 ========== LENGTH = 4.981052

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.010519	0.029930	0.050091
0.001005	0.125894	6.306870	
0.25000	0.009685	0.053338	0.050091
0.001005	0.063527	6.481713	
0.50000	0.008946	0.084069	0.050091
0.001005	0.001355	6.716663	
0.75000	0.008159	0.113191	0.050091
0.001005	0.046253	7.020797	
1.00000	0.007550	0.144270	0.050091
0.001005	0.094029	7.387288	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086191	-0.662855	-0.038351
-1.05E-05	-0.097052	-0.991966	
0.25000	-0.086788	-0.631079	-0.038351
-1.05E-05	-0.049351	-0.943978	
0.50000	-0.087571	-0.602056	-0.038351
-1.05E-05	-0.010834	-0.948836	
0.75000	-0.088314	-0.571207	-0.038351
-1.05E-05	-0.061254	-0.955222	
1.00000	-0.089131	-0.547445	-0.038351
-1.05E-05	-0.123594	-1.012282	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.384455	16.743508	0.107132
0.001197	0.284005	30.796135	
0.25000	3.271177	47.993282	0.107132
0.001197	0.150566	112.250521	
0.50000	2.283556	89.018960	0.107132
0.001197	0.036587	145.871685	
0.75000	1.233117	127.896476	0.107132
0.001197	0.093247	116.764834	
1.00000	0.420769	169.387933	0.107132
0.001197	0.168884	36.728009	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.505902	-170.682148	-0.060749
-3.88E-07	-0.135284	-111.795999	
0.25000	-1.302835	-128.261420	-0.060749
-3.88E-07	-0.082981	-41.622097	
0.50000	-2.348136	-89.515004	-0.060749
-3.88E-07	-0.056778	-41.997297	
0.75000	-3.340578	-48.331833	-0.060749
-3.88E-07	-0.146784	-44.412267	
1.00000	-4.431678	-16.609578	-0.060749
-3.88E-07	-0.266221	-114.477017	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.557830	17.259017	0.183680
0.001067	0.470501	35.811497	
0.25000	3.420035	49.196988	0.183680
0.001067	0.241763	118.991250	
0.50000	2.410664	91.126152	0.183680
0.001067	0.038283	153.454793	
0.75000	1.337092	130.859847	0.183680
0.001067	0.163352	124.024421	
1.00000	0.506854	173.265049	0.183680
0.001067	0.307325	42.583865	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.506259	-174.938666	-0.115621
-0.000707	-0.270203	-114.829732	
0.25000	-1.320743	-131.583728	-0.115621
-0.000707	-0.150073	-43.108180	
0.50000	-2.389063	-91.984021	-0.115621
-0.000707	-0.065140	-43.489395	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-3.403361	-49.893895	-0.115621
-0.000707	-0.247071	-45.955302	
1.00000	-4.518491	-17.473037	-0.115621
-0.000707	-0.461497	-117.560804	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.112957	0.028665	0.119276
9.83E-06	0.291381	6.291914	
0.25000	0.112123	0.052073	0.119276
9.83E-06	0.142908	6.469238	
0.50000	0.111383	0.082804	0.119276
9.83E-06	0.001488	6.705995	
0.75000	0.110597	0.111926	0.119276
9.83E-06	0.119066	7.010974	
1.00000	0.109988	0.143005	0.119276
9.83E-06	0.236667	7.377096	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001831	-0.663286	-0.094433
-0.001054	-0.233708	-1.021043	
0.25000	-0.002428	-0.631510	-0.094433
-0.001054	-0.116125	-0.965413	
0.50000	-0.003211	-0.602487	-0.094433
-0.001054	-0.011138	-0.962630	
0.75000	-0.003954	-0.571638	-0.094433
-0.001054	-0.154436	-0.961374	
1.00000	-0.004771	-0.547876	-0.094433
-0.001054	-0.302943	-1.010794	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.511884	16.740796	0.194587
3.64E-07	0.493151	30.771603	
0.25000	3.398606	47.990570	0.194587
3.64E-07	0.250928	112.228675	
0.50000	2.410985	89.016247	0.194587
3.64E-07	0.036749	145.850505	
0.75000	1.360547	127.893764	0.194587
3.64E-07	0.185377	116.743290	
1.00000	0.548198	169.385221	0.194587
3.64E-07	0.349330	36.709192	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.403948	-170.681665	-0.131655
-0.001276	-0.308071	-111.830088	
0.25000	-1.200882	-128.260937	-0.131655
-0.001276	-0.167465	-41.647159	
0.50000	-2.246183	-89.514521	-0.131655
-0.001276	-0.057127	-42.013332	
0.75000	-3.238624	-48.331350	-0.131655
-0.001276	-0.264573	-44.419275	
1.00000	-4.329725	-16.609095	-0.131655
-0.001276	-0.492879	-114.474998	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.598680	17.259306	0.210545
0.000668	0.534864	35.810606	
0.25000	3.460885	49.197277	0.210545
0.000668	0.272756	118.991394	
0.50000	2.451514	91.126441	0.210545
0.000668	0.038348	153.456908	
0.75000	1.377942	130.860136	0.210545
0.000668	0.191136	124.025524	
1.00000	0.547704	173.265338	0.210545
0.000668	0.361782	42.585190	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.468507	-174.939353	-0.137028
-0.001137	-0.322489	-114.843131	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.282991	-131.584415	-0.137028
-0.001137	-0.175661	-43.118116	
0.50000	-2.351311	-91.984708	-0.137028
-0.001137	-0.065298	-43.495869	
0.75000	-3.365609	-49.894581	-0.137028
-0.001137	-0.283105	-45.958313	
1.00000	-4.480738	-17.473724	-0.137028
-0.001137	-0.530990	-117.560352	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.011226	0.030412	0.072849
0.001045	0.175845	6.958317	
0.25000	0.010764	0.038287	0.072849
0.001045	0.084842	7.206502	
0.50000	0.010240	0.057126	0.072849
0.001045	0.001584	7.477552	
0.75000	0.009756	0.077718	0.072849
0.001045	0.039645	7.777610	
1.00000	0.009521	0.095971	0.072849
0.001045	0.081283	8.128492	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092023	-0.507472	-0.033487
-1.01E-05	-0.085646	-1.190610	
0.25000	-0.092239	-0.489391	-0.033487
-1.01E-05	-0.044142	-1.169290	
0.50000	-0.092719	-0.468830	-0.033487
-1.01E-05	-0.013742	-1.175564	
0.75000	-0.093245	-0.449896	-0.033487
-1.01E-05	-0.095707	-1.181934	
1.00000	-0.093712	-0.441297	-0.033487
-1.01E-05	-0.186929	-1.214808	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.857484	16.345267	0.155315
0.001182	0.386348	25.372601	
0.25000	2.920549	32.315261	0.155315
0.001182	0.196253	77.893339	

0.50000	1.856046	70.520406	0.155315
0.001182	0.025746	107.487979	
0.75000	0.874627	112.281684	0.155315
0.001182	0.091421	80.085429	
1.00000	0.398756	149.298623	0.155315
0.001182	0.164769	30.157618	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.499602	-150.391171	-0.059048
-2.34E-07	-0.140083	-88.680739	
0.25000	-0.937965	-113.723799	-0.059048
-2.34E-07	-0.085934	-33.504596	
0.50000	-1.912275	-72.026311	-0.059048
-2.34E-07	-0.059654	-34.285556	
0.75000	-2.977778	-33.628487	-0.059048
-2.34E-07	-0.219836	-35.360145	
1.00000	-3.924935	-16.189879	-0.059048
-2.34E-07	-0.401148	-89.815186	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.932161	16.507253	0.275645
0.001056	0.677651	30.233798	
0.25000	2.994949	32.481972	0.275645
0.001056	0.337486	82.800991	
0.50000	1.930131	70.698420	0.275645
0.001056	0.026880	112.443472	
0.75000	0.948422	112.472054	0.275645
0.001056	0.186144	85.305878	
1.00000	0.472410	149.499945	0.275645
0.001056	0.352267	35.778297	

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COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491115	-150.897207	-0.133567
-0.000693	-0.323853	-89.495028	
0.25000	-0.929607	-114.218987	-0.133567
-0.000693	-0.176875	-34.303864	
0.50000	-1.904206	-72.509163	-0.133567
-0.000693	-0.068805	-35.086400	
0.75000	-2.970024	-34.099978	-0.133567
-0.000693	-0.377491	-36.162586	
1.00000	-3.917461	-16.656210	-0.133567
-0.000693	-0.708771	-90.634997	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.104533	0.026064	0.189456
9.32E-06	0.459930	6.989769	
0.25000	0.104071	0.033939	0.189456
9.32E-06	0.223743	7.235275	
0.50000	0.103546	0.052778	0.189456
9.32E-06	0.001774	7.505492	
0.75000	0.103062	0.073370	0.189456
9.32E-06	0.158450	7.803430	
1.00000	0.102827	0.091623	0.189456
9.32E-06	0.314520	8.150954	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001991	-0.507868	-0.125426
-0.001084	-0.310277	-1.231723	
0.25000	-0.002207	-0.489787	-0.125426
-0.001084	-0.154275	-1.200771	
0.50000	-0.002687	-0.469227	-0.125426
-0.001084	-0.014177	-1.197411	
0.75000	-0.003213	-0.450293	-0.125426
-0.001084	-0.246979	-1.194153	
1.00000	-0.003680	-0.441694	-0.125426
-0.001084	-0.483267	-1.217369	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.973558	16.339139	0.298847
2.16E-07	0.736244	25.404058	
0.25000	3.036623	32.309134	0.298847
2.16E-07	0.366962	77.923913	
0.50000	1.972120	70.514278	0.298847
2.16E-07	0.025973	107.518018	
0.75000	0.990702	112.275557	0.298847
2.16E-07	0.238261	80.112078	
1.00000	0.514830	149.292496	0.298847
2.16E-07	0.453009	30.178379	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.393369	-150.390182	-0.172720
-0.001281	-0.417812	-88.729396	
0.25000	-0.831732	-113.722809	-0.172720
-0.001281	-0.221987	-33.542001	
0.50000	-1.806043	-72.025322	-0.172720
-0.001281	-0.060143	-34.311645	
0.75000	-2.871546	-33.627497	-0.172720
-0.001281	-0.406293	-35.375006	
1.00000	-3.818703	-16.188889	-0.172720
-0.001281	-0.766096	-89.818705	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.970908	16.505854	0.323653
0.000617	0.794715	30.250883	
0.25000	3.033696	32.480574	0.323653
0.000617	0.394733	82.817084	
0.50000	1.968878	70.697021	0.323653
0.000617	0.026986	112.458720	
0.75000	0.987170	112.470655	0.323653
0.000617	0.234726	85.321006	
1.00000	0.511157	149.498546	0.323653
0.000617	0.447480	35.791055	

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COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.450472	-150.897710	-0.171128
-0.001144	-0.415468	-89.513373	
0.25000	-0.888964	-114.219489	-0.171128
-0.001144	-0.221651	-34.317779	
0.50000	-1.863563	-72.509665	-0.171128
-0.001144	-0.068922	-35.095873	
0.75000	-2.929381	-34.100481	-0.171128
-0.001144	-0.440098	-36.167704	
1.00000	-3.876819	-16.656713	-0.171128
-0.001144	-0.830835	-90.635686	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.598680	17.259306	0.210545
0.001197	0.534864	35.811497	
0.25000	3.460885	49.197277	0.210545
0.001197	0.272756	118.991394	
0.50000	2.451514	91.126441	0.210545
0.001197	0.038348	153.456908	
0.75000	1.377942	130.860136	0.210545
0.001197	0.191136	124.025524	
1.00000	0.548198	173.265338	0.210545
0.001197	0.361782	42.585190	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.506259	-174.939353	-0.137028
-0.001276	-0.322489	-114.843131	
0.25000	-1.320743	-131.584415	-0.137028
-0.001276	-0.175661	-43.118116	
0.50000	-2.389063	-91.984708	-0.137028
-0.001276	-0.065298	-43.495869	
0.75000	-3.403361	-49.894581	-0.137028
-0.001276	-0.283105	-45.958313	
1.00000	-4.518491	-17.473724	-0.137028
-0.001276	-0.530990	-117.560804	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.973558	16.507253	0.323653
0.001182	0.794715	30.250883	
0.25000	3.036623	32.481972	0.323653
0.001182	0.394733	82.817084	
0.50000	1.972120	70.698420	0.323653
0.001182	0.026986	112.458720	
0.75000	0.990702	112.472054	0.323653
0.001182	0.238261	85.321006	
1.00000	0.514830	149.499945	0.323653
0.001182	0.453009	35.791055	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.499602	-150.897710	-0.172720
-0.001281	-0.417812	-89.513373	
0.25000	-0.937965	-114.219489	-0.172720
-0.001281	-0.221987	-34.317779	
0.50000	-1.912275	-72.509665	-0.172720
-0.001281	-0.068922	-35.095873	
0.75000	-2.977778	-34.100481	-0.172720
-0.001281	-0.440098	-36.167704	
1.00000	-3.924935	-16.656713	-0.172720
-0.001281	-0.830835	-90.635686	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.598680	17.259306	0.323653
0.001197	0.794715	35.811497	
0.25000	3.460885	49.197277	0.323653
0.001197	0.394733	118.991394	
0.50000	2.451514	91.126441	0.323653
0.001197	0.038348	153.456908	
0.75000	1.377942	130.860136	0.323653
0.001197	0.238261	124.025524	
1.00000	0.548198	173.265338	0.323653
0.001197	0.453009	42.585190	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.506259	-174.939353	-0.172720
-0.001281	-0.417812	-114.843131	
0.25000	-1.320743	-131.584415	-0.172720
-0.001281	-0.221987	-43.118116	
0.50000	-2.389063	-91.984708	-0.172720
-0.001281	-0.068922	-43.495869	
0.75000	-3.403361	-49.894581	-0.172720
-0.001281	-0.440098	-45.958313	
1.00000	-4.518491	-17.473724	-0.172720
-0.001281	-0.830835	-117.560804	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.598680	17.259306	0.323653
0.001197	0.794715	35.811497	
0.25000	3.460885	49.197277	0.323653
0.001197	0.394733	118.991394	
0.50000	2.451514	91.126441	0.323653
0.001197	0.038348	153.456908	
0.75000	1.377942	130.860136	0.323653
0.001197	0.238261	124.025524	
1.00000	0.548198	173.265338	0.323653
0.001197	0.453009	42.585190	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.506259	-174.939353	-0.172720
-0.001281	-0.417812	-114.843131	
0.25000	-1.320743	-131.584415	-0.172720
-0.001281	-0.221987	-43.118116	
0.50000	-2.389063	-91.984708	-0.172720
-0.001281	-0.068922	-43.495869	
0.75000	-3.403361	-49.894581	-0.172720
-0.001281	-0.440098	-45.958313	
1.00000	-4.518491	-17.473724	-0.172720
-0.001281	-0.830835	-117.560804	

ELEM 166 ========== LENGTH = 4.979852

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.012627	1.013648	0.047378
0.001469	0.119270	7.392208	
0.25000	0.011770	1.035364	0.047378
0.001469	0.060301	6.223772	
0.50000	0.011058	1.064661	0.047378
0.001469	0.001387	5.061365	
0.75000	0.010260	1.092204	0.047378
0.001469	0.042317	3.875292	
1.00000	0.009563	1.123221	0.047378
0.001469	0.086083	2.797221	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.124648	-0.254587	-0.035140
-1.48E-05	-0.088923	-1.002814	
0.25000	-0.125206	-0.222187	-0.035140
-1.48E-05	-0.045169	-0.795240	
0.50000	-0.125958	-0.194464	-0.035140
-1.48E-05	-0.008140	-0.647277	
0.75000	-0.126669	-0.163395	-0.035140
-1.48E-05	-0.057686	-0.500263	
1.00000	-0.127488	-0.136363	-0.035140
-1.48E-05	-0.116637	-0.388352	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.471035	23.106433	0.108667
0.001766	0.290774	36.783530	
0.25000	3.326823	52.098062	0.108667
0.001766	0.155475	112.521829	
0.50000	2.376410	91.209335	0.108667
0.001766	0.047782	148.937709	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	1.310599	127.978710	0.108667
0.001766	0.100051	110.030755	
1.00000	0.380064	169.386704	0.108667
0.001766	0.173495	17.808294	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.692916	-171.830789	-0.058997
-5.49E-07	-0.139452	-114.414612	
0.25000	-1.437782	-128.575839	-0.058997
-5.49E-07	-0.083502	-43.277200	
0.50000	-2.441703	-91.566161	-0.058997
-5.49E-07	-0.057743	-51.721311	
0.75000	-3.390011	-50.089312	-0.058997
-5.49E-07	-0.157477	-61.431760	
1.00000	-4.483089	-14.000957	-0.058997
-5.49E-07	-0.265125	-118.003562	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.620698	24.380424	0.194764
0.001575	0.502887	42.660285	
0.25000	3.451288	54.010520	0.194764
0.001575	0.260411	119.125731	
0.50000	2.479944	93.983121	0.194764
0.001575	0.048615	155.465647	
0.75000	1.390662	131.562248	0.194764
0.001575	0.171736	114.979708	
1.00000	0.439634	173.882148	0.194764
0.001575	0.315993	20.280964	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.691007	-175.695923	-0.115878
-0.001025	-0.280645	-117.512577	
0.25000	-1.452277	-131.488392	-0.115878
-0.001025	-0.154251	-44.707613	
0.50000	-2.478307	-93.663669	-0.115878
-0.001025	-0.063898	-53.236754	
0.75000	-3.447499	-51.273398	-0.115878
-0.001025	-0.267007	-63.060121	
1.00000	-4.564649	-14.390288	-0.115878
-0.001025	-0.482151	-120.776843	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.085719	1.012846	0.131113
1.39E-05	0.323384	7.396193	
0.25000	0.084862	1.034562	0.131113
1.39E-05	0.160142	6.229879	
0.50000	0.084150	1.063859	0.131113
1.39E-05	4.87E-05	5.069896	
0.75000	0.083352	1.091402	0.131113
1.39E-05	0.119707	3.885127	
1.00000	0.082655	1.122419	0.131113
1.39E-05	0.239549	2.809282	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003313	-0.263518	-0.096256
-0.001554	-0.239804	-1.033438	
0.25000	-0.003871	-0.231117	-0.096256
-0.001554	-0.119976	-0.814800	
0.50000	-0.004623	-0.203395	-0.096256
-0.001554	-0.007725	-0.655774	
0.75000	-0.005334	-0.172326	-0.096256
-0.001554	-0.166432	-0.497710	
1.00000	-0.006153	-0.145293	-0.096256
-0.001554	-0.329700	-0.374831	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.558412	23.103037	0.214446
5.15E-07	0.548593	36.781208	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	3.414201	52.094666	0.214446
5.15E-07	0.281611	112.522969	
0.50000	2.463788	91.205940	0.214446
5.15E-07	0.046116	148.942620	
0.75000	1.397977	127.975315	0.214446
5.15E-07	0.198071	110.037508	
1.00000	0.467441	169.383308	0.214446
5.15E-07	0.367950	17.815385	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.541878	-171.841237	-0.136446
-0.001865	-0.330694	-114.450531	
0.25000	-1.286745	-128.586287	-0.136446
-0.001865	-0.178273	-43.300095	
0.50000	-2.290666	-91.576609	-0.136446
-0.001865	-0.057192	-51.731183	
0.75000	-3.238973	-50.099760	-0.136446
-0.001865	-0.291005	-61.428608	
1.00000	-4.332051	-14.011405	-0.136446
-0.001865	-0.534266	-117.987440	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.652884	24.380305	0.232548
0.000967	0.589882	42.668188	
0.25000	3.483474	54.010401	0.232548
0.000967	0.300366	119.133707	
0.50000	2.512131	93.983002	0.232548
0.000967	0.048080	155.475728	
0.75000	1.422848	131.562129	0.232548
0.000967	0.201334	114.991921	
1.00000	0.471820	173.882029	0.232548
0.000967	0.374747	20.288012	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.641066	-175.699977	-0.139271
-0.001669	-0.338388	-117.526675	
0.25000	-1.402337	-131.492447	-0.139271
-0.001669	-0.182810	-44.716658	
0.50000	-2.428367	-93.667724	-0.139271
-0.001669	-0.063656	-53.240746	
0.75000	-3.397558	-51.277452	-0.139271
-0.001669	-0.318209	-63.059060	
1.00000	-4.514709	-14.394342	-0.139271
-0.001669	-0.583439	-120.770781	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014242	1.189269	0.083737
0.001637	0.204577	8.130122	
0.25000	0.013799	1.194247	0.083737
0.001637	0.099789	6.838918	
0.50000	0.013287	1.212188	0.083737
0.001637	0.001650	5.539184	
0.75000	0.012792	1.232734	0.083737
0.001637	0.095244	4.236578	
1.00000	0.012501	1.252688	0.083737
0.001637	0.071988	2.996508	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.133049	-0.247160	-0.029528
-1.58E-05	-0.075049	-1.202923	
0.25000	-0.133191	-0.229957	-0.029528
-1.58E-05	-0.038320	-0.981129	
0.50000	-0.133652	-0.210051	-0.029528
-1.58E-05	-0.010167	-0.789531	
0.75000	-0.134180	-0.190834	-0.029528
-1.58E-05	-0.107406	-0.597902	
1.00000	-0.134694	-0.180106	-0.029528
-1.58E-05	-0.212164	-0.424639	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.874296	22.672358	0.181857
0.001930	0.456779	30.186324	
0.25000	2.975823	32.768696	0.181857
0.001930	0.232784	77.764110	
0.50000	1.937117	69.153662	0.181857
0.001930	0.034521	107.990289	
0.75000	0.933660	110.820918	0.181857
0.001930	0.109551	80.251307	
1.00000	0.342380	151.287563	0.181857
0.001930	0.191795	12.171278	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.685859	-149.398200	-0.066119
-3.66E-07	-0.139728	-89.755160	
0.25000	-0.973017	-114.511734	-0.066119
-3.66E-07	-0.082382	-34.704581	
0.50000	-1.907375	-74.140557	-0.066119
-3.66E-07	-0.057159	-40.879852	
0.75000	-2.978823	-35.169993	-0.066119
-3.66E-07	-0.256094	-47.137531	
1.00000	-4.021911	-13.412052	-0.066119
-3.66E-07	-0.467977	-90.467150	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.921312	23.586968	0.318504
0.001725	0.792159	35.843490	
0.25000	3.022573	33.686293	0.318504
0.001725	0.397832	82.474499	
0.50000	1.983560	70.082024	0.318504
0.001725	0.034315	111.748931	
0.75000	0.979806	111.761607	0.318504
0.001725	0.205987	83.106772	
1.00000	0.388350	152.240225	0.318504
0.001725	0.384316	14.394406	

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.673278	-149.608763	-0.143290
-0.001103	-0.331640	-90.593411	
0.25000	-0.960521	-114.711975	-0.143290
-0.001103	-0.178203	-35.394998	
0.50000	-1.895155	-74.328854	-0.143290
-0.001103	-0.063173	-41.440404	
0.75000	-2.966920	-35.346760	-0.143290
-0.001103	-0.430317	-47.568403	
1.00000	-4.010317	-13.582382	-0.143290
-0.001103	-0.812802	-90.779248	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.074427	1.198326	0.212764
1.45E-05	0.523000	8.192809	
0.25000	0.073984	1.203305	0.212764
1.45E-05	0.257727	6.889904	
0.50000	0.073471	1.221246	0.212764

```
1.45E-05    3.35E-05    5.578426
 0.75000     0.072977    1.241792     0.212764
1.45E-05    0.159596    4.263624
 1.00000     0.072685    1.261746     0.212764
1.45E-05    0.319140    3.011476

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.003761   -0.259999   -0.128156
-0.001762   -0.319275   -1.245923
 0.25000    -0.003902   -0.242797   -0.128156
-0.001762   -0.159762   -1.009522
 0.50000    -0.004363   -0.222890   -0.128156
-0.001762   -0.008679   -0.803182
 0.75000    -0.004891   -0.203673   -0.128156
-0.001762   -0.270795   -0.596853
 1.00000    -0.005406   -0.192945   -0.128156
-0.001762   -0.536099   -0.408838
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 COMB DL-G2-2 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     3.945764    22.682506    0.340538
3.34E-07    0.848535    30.254168
 0.25000     3.047291    32.778845    0.340538
3.34E-07    0.427124    77.819330
 0.50000     2.008585    69.163811    0.340538
3.34E-07    0.032511   108.032855
 0.75000     1.005128   110.831066    0.340538
3.34E-07    0.263088    80.280877
 1.00000     0.413847   151.297712    0.340538
3.34E-07    0.496971    12.185392

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.527446  -149.413351   -0.187976
-0.002044   -0.441468   -89.806382
 0.25000    -0.814603  -114.526685   -0.187976
-0.002044   -0.232486   -34.738735
 0.50000    -1.748961   -74.155708   -0.187976
-0.002044   -0.055679   -40.896729
 0.75000    -2.820409    -35.185144   -0.187976
-0.002044   -0.455948   -47.137169
 1.00000    -3.863498   -13.427203   -0.187976
-0.002044   -0.866529   -90.449602

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     3.949197    23.592064    0.373683
0.001020    0.926432    35.874258
 0.25000     3.050458    33.691389    0.373683
0.001020    0.463685    82.499801
 0.50000     2.011445    70.087120    0.373683
0.001020    0.033638   111.768655
 0.75000     1.007691   111.766703    0.373683
0.001020    0.256941    83.121429
 1.00000     0.416235   152.245321    0.373683
0.001020    0.485573    14.404303

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.618559  -149.616534   -0.183715
-0.001860   -0.431584   -90.612032
 0.25000    -0.905801  -114.719746   -0.183715
-0.001860   -0.227872   -35.406885
 0.50000    -1.840436   -74.336625   -0.183715
-0.001860   -0.062377   -41.445518
 0.75000    -2.912201    -35.354531   -0.183715
-0.001860   -0.501398   -47.566633
 1.00000    -3.955598   -13.590154   -0.183715
-0.001860   -0.953368   -90.770708

 COMB      DB ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     4.652884    24.380424    0.232548
0.001766    0.589882    42.668188
 0.25000     3.483474    54.010520    0.232548
0.001766    0.300366   119.133707
 0.50000     2.512131    93.983121    0.232548
0.001766    0.048615   155.475728
 0.75000     1.422848   131.562248    0.232548
0.001766    0.201334   114.991921
 1.00000     0.471820   173.882148    0.232548
0.001766    0.374747    20.288012

 COMB      DB ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.692916  -175.699977   -0.139271
-0.001865   -0.338388  -117.526675
 0.25000    -1.452277  -131.492447   -0.139271
-0.001865   -0.182810   -44.716658
 0.50000    -2.478307   -93.667724   -0.139271
-0.001865   -0.063898   -53.240746
 0.75000    -3.447499    -51.277452   -0.139271
-0.001865   -0.501398   -63.060121
 1.00000    -4.564649   -14.394342   -0.139271
-0.001865   -0.583439  -120.776843
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 COMB      DL ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     3.949197    23.592064    0.373683
0.001930    0.926432    35.874258
 0.25000     3.050458    33.691389    0.373683
0.001930    0.463685    82.499801
 0.50000     2.011445    70.087120    0.373683
0.001930    0.034521   111.768655
 0.75000     1.007691   111.766703    0.373683
0.001930    0.263088    83.121429
 1.00000     0.416235   152.245321    0.373683
0.001930    0.496971    14.404303

 COMB      DL ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.685859  -149.616534   -0.187976
-0.002044   -0.441468   -90.612032
 0.25000    -0.973017  -114.719746   -0.187976
-0.002044   -0.232486   -35.406885
 0.50000    -1.907375   -74.336625   -0.187976
-0.002044   -0.063173   -41.445518
 0.75000    -2.978823    -35.354531   -0.187976
-0.002044   -0.501398   -47.568403
 1.00000    -4.021911   -13.590154   -0.187976
-0.002044   -0.953368   -90.779248

 COMB      CAR ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     4.652884    24.380424    0.373683
0.001930    0.926432    42.668188
 0.25000     3.483474    54.010520    0.373683
0.001930    0.463685   119.133707
 0.50000     2.512131    93.983121    0.373683
0.001930    0.048615   155.475728
 0.75000     1.422848   131.562248    0.373683
0.001930    0.263088   114.991921
 1.00000     0.471820   173.882148    0.373683
0.001930    0.496971    20.288012

 COMB      CAR ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.692916  -175.699977   -0.187976
-0.002044   -0.441468  -117.526675
 0.25000    -1.452277  -131.492447   -0.187976
-0.002044   -0.232486   -44.716658
 0.50000    -2.478307   -93.667724   -0.187976
-0.002044   -0.063898   -53.240746
 0.75000    -3.447499    -51.277452   -0.187976
-0.002044   -0.501398   -63.060121
 1.00000    -4.564649   -14.394342   -0.187976
-0.002044   -0.953368  -120.776843

 COMB  DESIGN ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     4.652884    24.380424    0.373683
0.001930    0.926432    42.668188
 0.25000     3.483474    54.010520    0.373683
0.001930    0.463685   119.133707
 0.50000     2.512131    93.983121    0.373683
0.001930    0.048615   155.475728
 0.75000     1.422848   131.562248    0.373683
0.001930    0.263088   114.991921
 1.00000     0.471820   173.882148    0.373683
0.001930    0.496971    20.288012

 COMB  DESIGN ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.692916  -175.699977   -0.187976
-0.002044   -0.441468  -117.526675
 0.25000    -1.452277  -131.492447   -0.187976
-0.002044   -0.232486   -44.716658
 0.50000    -2.478307   -93.667724   -0.187976
-0.002044   -0.063898   -53.240746
 0.75000    -3.447499    -51.277452   -0.187976
-0.002044   -0.501398   -63.060121
 1.00000    -4.564649   -14.394342   -0.187976
-0.002044   -0.953368  -120.776843
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 ELEM      167 ================== LENGTH =
4.482800

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     0.008027    0.628157     0.064946
0.001740    0.138481    2.807336
 0.25000     0.007489    0.643796     0.064946
0.001740    0.065703    2.155915
 0.50000     0.006860    0.669599     0.064946
0.001740    0.002386    1.492224
 0.75000     0.006025    0.701523     0.064946
0.001740    0.052767    0.777594
 1.00000     0.005103    0.741556     0.064946
0.001740    0.103021    0.005285

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.080919    -0.184047    -0.044842
-1.63E-05   -0.097994    -0.378856
 0.25000    -0.081320    -0.163560    -0.044842
-1.63E-05   -0.047756    -0.241330
 0.50000    -0.081979    -0.138977    -0.044842
-1.63E-05   -0.007430    -0.162654
 0.75000    -0.082795    -0.106251    -0.044842
-1.63E-05   -0.079997    -0.083916
 1.00000    -0.083815    -0.070251    -0.044842
-1.63E-05   -0.152774    -0.009272

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     4.136607    3.962553     0.155659
0.002080    0.360646    17.773809
 0.25000     3.417410    24.840580    0.155659
0.002080    0.191240    83.493543
 0.50000     2.578713    59.287019    0.155659
0.002080    0.035895   132.832385
 0.75000     1.463619   101.906302    0.155659
0.002080    0.078680   114.167644
 1.00000     0.232995   155.350042    0.155659
0.002080    0.153343    0.082684

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.188775  -160.738524   -0.066624
-6.03E-07   -0.145222  -118.043654
 0.25000    -0.724063  -133.388230   -0.066624
-6.03E-07   -0.091996   -29.631213
 0.50000    -1.604150  -100.569135   -0.066624
-6.03E-07   -0.099152   -19.746449
 0.75000    -2.692577   -56.879934   -0.066624
-6.03E-07   -0.261279    -9.861598
 1.00000    -4.054282    -8.820226   -0.066624
-6.03E-07   -0.423755    -0.061630

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     4.251673    4.513710     0.277547
0.001855    0.625286    20.248946
 0.25000     3.516638    25.851524    0.277547
0.001855    0.319339    86.896107
 0.50000     2.659471    61.056558    0.277547
0.001855    0.041814   136.801629
 0.75000     1.519820   104.614423    0.277547
0.001855    0.170815   117.205935
 1.00000     0.262095   159.235126    0.277547
0.001855    0.332276    0.099386

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.181086  -164.323412   -0.144063
-0.001175   -0.313431  -120.835063
 0.25000    -0.728163  -136.370797   -0.144063
-0.001175   -0.173891   -30.425092
 0.50000    -1.627631  -102.828944   -0.144063
-0.001175   -0.110245   -20.272171
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 REL DIST            P           V2          V3
    T          M2          M3
 0.75000    -2.740028   -58.177599   -0.144063
-0.001175   -0.408603   -10.119165
 1.00000    -4.131721    -9.059497   -0.144063
-0.001175   -0.707430    -0.073867

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     0.048374    0.635419     0.186442
1.56E-05    0.403673    2.832169
 0.25000     0.047836    0.651058     0.186442
1.56E-05    0.194694    2.172609
 0.50000     0.047207    0.676861     0.186442
1.56E-05    0.008569    1.500779
 0.75000     0.046372    0.708785     0.186442
1.56E-05    0.154780    0.778010
 1.00000     0.045450    0.748818     0.186442
1.56E-05    0.300815    0.015650

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.001787   -0.193045    -0.130289
-0.001829   -0.283244   -0.399635
 0.25000    -0.002188   -0.172558    -0.130289
-0.001829   -0.137227   -0.251999
 0.50000    -0.002847    -0.147974   -0.130289
-0.001829   -0.014353   -0.163185
 0.75000    -0.003663    -0.115249   -0.130289
-0.001829   -0.223218   -0.074423
 1.00000    -0.004683    -0.079249   -0.130289
-0.001829   -0.432174   -0.022689

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     4.182240    3.968725     0.299581
5.76E-07    0.674777    17.793699
 0.25000     3.463043    24.846752    0.299581
5.76E-07    0.343970    83.506516
 0.50000     2.624346    59.293191    0.299581
5.76E-07    0.043747   132.838442
 0.75000     1.509252   101.912474    0.299581
5.76E-07    0.208044   114.166783
 1.00000     0.278628   155.356214    0.299581
5.76E-07    0.404135    0.095226

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.089721  -160.749147   -0.174959
-0.002185   -0.380076  -118.068157
 0.25000    -0.625009  -133.398853   -0.174959
-0.002185   -0.205423   -29.643771
 0.50000    -1.505097  -100.579758   -0.174959
-0.002185   -0.107197   -19.747040
 0.75000    -2.593523   -56.890557   -0.174959
-0.002185   -0.430978    -9.850345
 1.00000    -3.955228    -8.830848   -0.174959
-0.002185   -0.754750    -0.079204

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     4.271825    4.517217     0.332808
0.001113    0.745908    20.261395
 0.25000     3.536790    25.855030    0.332808
0.001113    0.377978    86.904625
 0.50000     2.679623    61.060065    0.332808
0.001113    0.044132   136.806200
 0.75000     1.539972   104.617929    0.332808
0.001113    0.209858   117.206573
 1.00000     0.282247   159.238633    0.332808
0.001113    0.407944    0.111538

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.149427  -164.327495   -0.176742
-0.001949   -0.384255  -120.844539
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 REL DIST            P           V2          V3
    T          M2          M3
 0.25000    -0.696504  -136.374879   -0.176742
-0.001949   -0.208080   -30.429977
 0.50000    -1.595973  -102.833027   -0.176742
-0.001949   -0.113307   -20.272443
 0.75000    -2.708369   -58.181681   -0.176742
-0.001949   -0.473722   -10.114889
 1.00000    -4.100062    -9.063580   -0.176742
-0.001949   -0.834479    -0.081629

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     0.008445    0.748912     0.122851
0.001984    0.263889    3.004802
 0.25000     0.008097    0.757298     0.122851
0.001984    0.125773    2.273901
 0.50000     0.007635    0.772774     0.122851
0.001984    0.001931    1.541184
 0.75000     0.007116    0.793397     0.122851
0.001984    0.043549    0.783337
 1.00000     0.006670    0.817560     0.122851
0.001984    0.085133    0.003721

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.084580   -0.161179    -0.037107
-1.81E-05   -0.081208   -0.412738
 0.25000    -0.084795    -0.147634   -0.037107
-1.81E-05   -0.039638   -0.289230
 0.50000    -0.085191    -0.129560   -0.037107
-1.81E-05   -0.010724   -0.195067
 0.75000    -0.085717    -0.109233   -0.037107
-1.81E-05   -0.148674   -0.100681
 1.00000    -0.086334    -0.092092   -0.037107
-1.81E-05   -0.286417    -0.016941

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     3.822720    3.357730     0.275552
0.002323    0.598132    12.181935
 0.25000     3.118380    20.365652    0.275552
0.002323    0.303224    54.322861
 0.50000     2.181040    51.751314    0.275552
0.002323    0.035914    92.810664
 0.75000     1.127839    93.573713    0.275552
0.002323    0.078943    80.521319
 1.00000     0.223214   142.576830    0.275552
0.002323    0.153146    0.046306

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.174692  -148.919328   -0.066376
-4.18E-07   -0.150000   -90.498758
 0.25000    -0.609720  -121.451522   -0.066376
-4.18E-07   -0.103247   -23.275078
 0.50000    -1.412074   -84.797009   -0.066376
-4.18E-07   -0.100643   -15.502143
 0.75000    -2.479993   -43.572890   -0.066376
-4.18E-07   -0.398377    -7.730750
 1.00000    -3.730638    -8.811810   -0.066376
-4.18E-07   -0.703426    -0.055859

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     3.845138    3.934553     0.472128
0.002076    1.023047    14.430405
 0.25000     3.140589    20.947507    0.472128
0.002076    0.507820    56.020579
 0.50000     2.202971    52.342454    0.472128
0.002076    0.042862    93.956554
 0.75000     1.149459    94.177227    0.472128
0.002076    0.204167    81.100136
 1.00000     0.244566   143.194842    0.472128
0.002076    0.396371    0.064178
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 COMB DL-G1-3 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.165421  -149.028961   -0.171638
-0.001341   -0.378751   -90.835048
 0.25000    -0.600577  -121.553028   -0.171638
-0.001341   -0.214097   -23.509441
 0.50000    -1.403169    -84.887671   -0.171638
-0.001341   -0.115447   -15.652252
 0.75000    -2.471404   -43.651355   -0.171638
-0.001341   -0.633826    -7.796547
 1.00000    -3.722419    -8.879991   -0.171638
-0.001341   -1.159301    -0.070546

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     0.041440    0.768484     0.305550
1.70E-05    0.660635    3.063837
 0.25000     0.041093    0.776870     0.305550
1.70E-05    0.317879    2.311755
 0.50000     0.040631    0.792346     0.305550
1.70E-05    0.011224    1.557891
 0.75000     0.040111    0.812969     0.305550
1.70E-05    0.206504    0.778794
 1.00000     0.039665    0.837132     0.305550
1.70E-05    0.401137    0.018705

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.001992   -0.173937    -0.173696
-0.002092   -0.377574   -0.440407
 0.25000    -0.002206    -0.160393   -0.173696
-0.002092   -0.182909   -0.303692
 0.50000    -0.002602    -0.142319   -0.173696
-0.002092   -0.023079   -0.196422
 0.75000    -0.003129    -0.121991   -0.173696
-0.002092   -0.365889   -0.089047
 1.00000    -0.003745    -0.104850   -0.173696
-0.002092   -0.708637    -0.035092

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     3.859402    3.379467     0.496672
3.92E-07    1.078341    12.247470
 0.25000     3.155062    20.387389    0.496672
3.92E-07    0.535659    54.364528
 0.50000     2.217721    51.773051    0.496672
3.92E-07    0.047350    92.828509
 0.75000     1.164521    93.595450    0.496672
3.92E-07    0.280019    80.515250
 1.00000     0.259896   142.598567    0.496672
3.92E-07    0.543204    0.063435

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000    -0.073177  -148.934363   -0.234989
-0.002491   -0.515909   -90.532416
 0.25000    -0.508205  -121.466557   -0.234989
-0.002491   -0.280244   -23.292969
 0.50000    -1.310559    -84.812044   -0.234989
-0.002491   -0.115451   -15.504232
 0.75000    -2.378478   -43.587925   -0.234989
-0.002491   -0.661332    -7.717181
 1.00000    -3.629123    -8.826845   -0.234989
-0.002491   -1.214114    -0.078028

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P           V2          V3
    T          M2          M3
 0.00000     3.863118    3.944428     0.550814
0.001249    1.193844    14.460402
 0.25000     3.158569    20.957382    0.550814
0.001249    0.590346    56.040132
 0.50000     2.220951    52.352329    0.550814
0.001249    0.046569    93.965699
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COMB DL-G2-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-0.131328	-149.035165	-0.227663			
-0.002227	-0.500254	-90.845776				
0.25000	-0.566485	-121.559233	-0.227663			
-0.002227	-0.272729	-23.514729				
0.50000	-1.369077	-84.893875	-0.227663			
-0.002227	-0.120819	-15.652058				
0.75000	-2.437312	-43.657560	-0.227663			
-0.002227	-0.727382	-7.790875				
1.00000	-3.688327	-8.886196	-0.227663			
-0.002227	-1.340923	-0.079197				

COMB DB ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	4.271825	4.517217	0.332808			
0.002080	0.745908	20.261395				
0.25000	3.536790	25.855030	0.332808			
0.002080	0.377978	86.904625				
0.50000	2.679623	61.060065	0.332808			
0.002080	0.044132	136.806200				
0.75000	1.539972	104.617929	0.332808			
0.002080	0.209858	117.206573				
1.00000	0.282247	159.238633	0.332808			
0.002080	0.407944	0.111538				

COMB DB ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-0.188775	-164.327495	-0.176742			
-0.002185	-0.384255	-120.844539				
0.25000	-0.728163	-136.374879	-0.176742			
-0.002185	-0.208080	-30.429977				
0.50000	-1.627631	-102.833027	-0.176742			
-0.002185	-0.113307	-20.272443				
0.75000	-2.740028	-58.181681	-0.176742			
-0.002185	-0.473722	-10.119165				
1.00000	-4.131721	-9.063580	-0.176742			
-0.002185	-0.834479	-0.081629				

COMB DL ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	3.863118	3.944428	0.550814			
0.002323	1.193844	14.460402				
0.25000	3.158569	20.957382	0.550814			
0.002323	0.590346	56.040132				
0.50000	2.220951	52.352329	0.550814			
0.002323	0.047350	93.965699				
0.75000	1.167439	94.187102	0.550814			
0.002323	0.280019	81.100136				
1.00000	0.262546	143.204717	0.550814			
0.002323	0.543204	0.072342				

COMB DL ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-0.174692	-149.035165	-0.234989			
-0.002491	-0.515909	-90.845776				
0.25000	-0.609720	-121.559233	-0.234989			
-0.002491	-0.280244	-23.514729				
0.50000	-1.412074	-84.893875	-0.234989			
-0.002491	-0.120819	-15.652252				
0.75000	-2.479993	-43.657560	-0.234989			
-0.002491	-0.727382	-7.796547				
1.00000	-3.730638	-8.886196	-0.234989			
-0.002491	-1.340923	-0.079197				

COMB CAR ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	4.271825	4.517217	0.550814			
0.002323	1.193844	20.261395				
0.25000	3.536790	25.855030	0.550814			
0.002323	0.590346	86.904625				
0.50000	2.679623	61.060065	0.550814			
0.002323	0.047350	136.806200				
0.75000	1.539972	104.617929	0.550814			
0.002323	0.280019	117.206573				
1.00000	0.282247	159.238633	0.550814			
0.002323	0.543204	0.111538				

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COMB CAR ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-0.188775	-164.327495	-0.234989			
-0.002491	-0.515909	-120.844539				
0.25000	-0.728163	-136.374879	-0.234989			
-0.002491	-0.280244	-30.429977				
0.50000	-1.627631	-102.833027	-0.234989			
-0.002491	-0.120819	-20.272443				
0.75000	-2.740028	-58.181681	-0.234989			
-0.002491	-0.727382	-10.119165				
1.00000	-4.131721	-9.063580	-0.234989			
-0.002491	-1.340923	-0.081629				

COMB DESIGN ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	4.271825	4.517217	0.550814			
0.002323	1.193844	20.261395				
0.25000	3.536790	25.855030	0.550814			
0.002323	0.590346	86.904625				
0.50000	2.679623	61.060065	0.550814			
0.002323	0.047350	136.806200				
0.75000	1.539972	104.617929	0.550814			
0.002323	0.280019	117.206573				
1.00000	0.282247	159.238633	0.550814			
0.002323	0.543204	0.111538				

COMB DESIGN ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-0.188775	-164.327495	-0.234989			
-0.002491	-0.515909	-120.844539				
0.25000	-0.728163	-136.374879	-0.234989			
-0.002491	-0.280244	-30.429977				
0.50000	-1.627631	-102.833027	-0.234989			
-0.002491	-0.120819	-20.272443				
0.75000	-2.740028	-58.181681	-0.234989			
-0.002491	-0.727382	-10.119165				
1.00000	-4.131721	-9.063580	-0.234989			
-0.002491	-1.340923	-0.081629				

ELEM 168 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	31.277825	.000000	.000000			
.000000	.000000	.000000				
0.25000	31.277825	.000000	.000000			
.000000	.000000	.000000				
0.50000	31.277825	.000000	.000000			
.000000	.000000	.000000				
0.75000	31.277825	.000000	.000000			
.000000	.000000	.000000				
1.00000	31.277825	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G1-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-500.297067	.000000	.000000			
.000000	.000000	.000000				
0.25000	-500.297067	.000000	.000000			
.000000	.000000	.000000				
0.50000	-500.297067	.000000	.000000			
.000000	.000000	.000000				
0.75000	-500.297067	.000000	.000000			
.000000	.000000	.000000				
1.00000	-500.297067	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G1-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	52.420705	.000000	.000000			
.000000	.000000	.000000				
0.25000	52.420705	.000000	.000000			
.000000	.000000	.000000				
0.50000	52.420705	.000000	.000000			
.000000	.000000	.000000				

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REL_DIST	T	P	M2	V2	M3	V3
0.75000	52.420705	.000000	.000000			
.000000	.000000	.000000				
1.00000	52.420705	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G1-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
0.25000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
0.50000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
0.75000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
1.00000	-763.588976	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G1-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	60.159664	.000000	.000000			
.000000	.000000	.000000				
0.25000	60.159664	.000000	.000000			
.000000	.000000	.000000				
0.50000	60.159664	.000000	.000000			
.000000	.000000	.000000				
0.75000	60.159664	.000000	.000000			
.000000	.000000	.000000				
1.00000	60.159664	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G1-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-743.930243	.000000	.000000			
.000000	.000000	.000000				
0.25000	-743.930243	.000000	.000000			
.000000	.000000	.000000				
0.50000	-743.930243	.000000	.000000			
.000000	.000000	.000000				
0.75000	-743.930243	.000000	.000000			
.000000	.000000	.000000				
1.00000	-743.930243	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G2-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	20.115790	.000000	.000000			
.000000	.000000	.000000				
0.25000	20.115790	.000000	.000000			
.000000	.000000	.000000				
0.50000	20.115790	.000000	.000000			
.000000	.000000	.000000				
0.75000	20.115790	.000000	.000000			
.000000	.000000	.000000				
1.00000	20.115790	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G2-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-11.945290	.000000	.000000			
.000000	.000000	.000000				
0.25000	-11.945290	.000000	.000000			
.000000	.000000	.000000				
0.50000	-11.945290	.000000	.000000			
.000000	.000000	.000000				
0.75000	-11.945290	.000000	.000000			
.000000	.000000	.000000				
1.00000	-11.945290	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G2-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	31.134008	.000000	.000000			
.000000	.000000	.000000				

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REL_DIST	T	P	M2	V2	M3	V3
0.25000	31.134008	.000000	.000000			
.000000	.000000	.000000				
0.50000	31.134008	.000000	.000000			
.000000	.000000	.000000				
0.75000	31.134008	.000000	.000000			
.000000	.000000	.000000				
1.00000	31.134008	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G2-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-170.879902	.000000	.000000			
.000000	.000000	.000000				
0.25000	-170.879902	.000000	.000000			
.000000	.000000	.000000				
0.50000	-170.879902	.000000	.000000			
.000000	.000000	.000000				
0.75000	-170.879902	.000000	.000000			
.000000	.000000	.000000				
1.00000	-170.879902	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G2-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	52.114526	.000000	.000000			
.000000	.000000	.000000				
0.25000	52.114526	.000000	.000000			
.000000	.000000	.000000				
0.50000	52.114526	.000000	.000000			
.000000	.000000	.000000				
0.75000	52.114526	.000000	.000000			
.000000	.000000	.000000				
1.00000	52.114526	.000000	.000000			
.000000	.000000	.000000				

COMB DB-G2-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-510.680534	.000000	.000000			
.000000	.000000	.000000				
0.25000	-510.680534	.000000	.000000			
.000000	.000000	.000000				
0.50000	-510.680534	.000000	.000000			
.000000	.000000	.000000				
0.75000	-510.680534	.000000	.000000			
.000000	.000000	.000000				
1.00000	-510.680534	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G1-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	42.763090	.000000	.000000			
.000000	.000000	.000000				
0.25000	42.763090	.000000	.000000			
.000000	.000000	.000000				
0.50000	42.763090	.000000	.000000			
.000000	.000000	.000000				
0.75000	42.763090	.000000	.000000			
.000000	.000000	.000000				
1.00000	42.763090	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G1-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-572.926094	.000000	.000000			
.000000	.000000	.000000				
0.25000	-572.926094	.000000	.000000			
.000000	.000000	.000000				
0.50000	-572.926094	.000000	.000000			
.000000	.000000	.000000				
0.75000	-572.926094	.000000	.000000			
.000000	.000000	.000000				
1.00000	-572.926094	.000000	.000000			
.000000	.000000	.000000				

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	71.899576	.000000	.000000			
.000000	.000000	.000000				
0.25000	71.899576	.000000	.000000			
.000000	.000000	.000000				
0.50000	71.899576	.000000	.000000			
.000000	.000000	.000000				
0.75000	71.899576	.000000	.000000			
.000000	.000000	.000000				
1.00000	71.899576	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G1-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-871.086218	.000000	.000000			
.000000	.000000	.000000				
0.25000	-871.086218	.000000	.000000			
.000000	.000000	.000000				
0.50000	-871.086218	.000000	.000000			
.000000	.000000	.000000				
0.75000	-871.086218	.000000	.000000			
.000000	.000000	.000000				
1.00000	-871.086218	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G1-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	81.676226	.000000	.000000			
.000000	.000000	.000000				
0.25000	81.676226	.000000	.000000			
.000000	.000000	.000000				
0.50000	81.676226	.000000	.000000			
.000000	.000000	.000000				
0.75000	81.676226	.000000	.000000			
.000000	.000000	.000000				
1.00000	81.676226	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G1-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-845.950169	.000000	.000000			
.000000	.000000	.000000				
0.25000	-845.950169	.000000	.000000			
.000000	.000000	.000000				
0.50000	-845.950169	.000000	.000000			
.000000	.000000	.000000				
0.75000	-845.950169	.000000	.000000			
.000000	.000000	.000000				
1.00000	-845.950169	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G2-1 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	40.322432	.000000	.000000			
.000000	.000000	.000000				
0.25000	40.322432	.000000	.000000			
.000000	.000000	.000000				
0.50000	40.322432	.000000	.000000			
.000000	.000000	.000000				
0.75000	40.322432	.000000	.000000			
.000000	.000000	.000000				
1.00000	40.322432	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G2-1 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-15.765603	.000000	.000000			
.000000	.000000	.000000				
0.25000	-15.765603	.000000	.000000			
.000000	.000000	.000000				
0.50000	-15.765603	.000000	.000000			
.000000	.000000	.000000				
0.75000	-15.765603	.000000	.000000			
.000000	.000000	.000000				
1.00000	-15.765603	.000000	.000000			
.000000	.000000	.000000				

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COMB DL-G2-2 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	50.240927	.000000	.000000			
.000000	.000000	.000000				
0.25000	50.240927	.000000	.000000			
.000000	.000000	.000000				
0.50000	50.240927	.000000	.000000			
.000000	.000000	.000000				
0.75000	50.240927	.000000	.000000			
.000000	.000000	.000000				
1.00000	50.240927	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G2-2 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-199.033886	.000000	.000000			
.000000	.000000	.000000				
0.25000	-199.033886	.000000	.000000			
.000000	.000000	.000000				
0.50000	-199.033886	.000000	.000000			
.000000	.000000	.000000				
0.75000	-199.033886	.000000	.000000			
.000000	.000000	.000000				
1.00000	-199.033886	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G2-3 ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	78.495896	.000000	.000000			
.000000	.000000	.000000				
0.25000	78.495896	.000000	.000000			
.000000	.000000	.000000				
0.50000	78.495896	.000000	.000000			
.000000	.000000	.000000				
0.75000	78.495896	.000000	.000000			
.000000	.000000	.000000				
1.00000	78.495896	.000000	.000000			
.000000	.000000	.000000				

COMB DL-G2-3 ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-583.098409	.000000	.000000			
.000000	.000000	.000000				
0.25000	-583.098409	.000000	.000000			
.000000	.000000	.000000				
0.50000	-583.098409	.000000	.000000			
.000000	.000000	.000000				
0.75000	-583.098409	.000000	.000000			
.000000	.000000	.000000				
1.00000	-583.098409	.000000	.000000			
.000000	.000000	.000000				

COMB DB ---------- MAX

REL_DIST	T	P	M2	V2	M3	V3
0.00000	60.159664	.000000	.000000			
.000000	.000000	.000000				
0.25000	60.159664	.000000	.000000			
.000000	.000000	.000000				
0.50000	60.159664	.000000	.000000			
.000000	.000000	.000000				
0.75000	60.159664	.000000	.000000			
.000000	.000000	.000000				
1.00000	60.159664	.000000	.000000			
.000000	.000000	.000000				

COMB DB ---------- MIN

REL_DIST	T	P	M2	V2	M3	V3
0.00000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
0.25000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
0.50000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
0.75000	-763.588976	.000000	.000000			
.000000	.000000	.000000				
1.00000	-763.588976	.000000	.000000			
.000000	.000000	.000000				

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COMB DL ---------- MAX

```
REL DIST P V2 V3
T M2 M3
0.00000 81.676226 .000000 .000000
.000000 .000000 .000000
0.25000 81.676226 .000000 .000000
.000000 .000000 .000000
0.50000 81.676226 .000000 .000000
.000000 .000000 .000000
0.75000 81.676226 .000000 .000000
.000000 .000000 .000000
1.00000 81.676226 .000000 .000000
.000000 .000000 .000000

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.25000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.50000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.75000 -871.086218 .000000 .000000
.000000 .000000 .000000
1.00000 -871.086218 .000000 .000000
.000000 .000000 .000000

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 81.676226 .000000 .000000
.000000 .000000 .000000
0.25000 81.676226 .000000 .000000
.000000 .000000 .000000
0.50000 81.676226 .000000 .000000
.000000 .000000 .000000
0.75000 81.676226 .000000 .000000
.000000 .000000 .000000
1.00000 81.676226 .000000 .000000
.000000 .000000 .000000

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.25000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.50000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.75000 -871.086218 .000000 .000000
.000000 .000000 .000000
1.00000 -871.086218 .000000 .000000
.000000 .000000 .000000

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 81.676226 .000000 .000000
.000000 .000000 .000000
0.25000 81.676226 .000000 .000000
.000000 .000000 .000000
0.50000 81.676226 .000000 .000000
.000000 .000000 .000000
0.75000 81.676226 .000000 .000000
.000000 .000000 .000000
1.00000 81.676226 .000000 .000000
.000000 .000000 .000000

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.25000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.50000 -871.086218 .000000 .000000
.000000 .000000 .000000
0.75000 -871.086218 .000000 .000000
.000000 .000000 .000000
1.00000 -871.086218 .000000 .000000
.000000 .000000 .000000
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F R A M E E L E M E N T I N T E R N A L
F O R C E S

ELEM 169 ========== LENGTH =
1.300000

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 57.132443 .000000 .000000
.000000 .000000 .000000
0.25000 57.132443 .000000 .000000
.000000 .000000 .000000
0.50000 57.132443 .000000 .000000
.000000 .000000 .000000
0.75000 57.132443 .000000 .000000
.000000 .000000 .000000
1.00000 57.132443 .000000 .000000
.000000 .000000 .000000

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -536.925925 .000000 .000000
.000000 .000000 .000000
0.25000 -536.925925 .000000 .000000
.000000 .000000 .000000
0.50000 -536.925925 .000000 .000000
.000000 .000000 .000000
0.75000 -536.925925 .000000 .000000
.000000 .000000 .000000
1.00000 -536.925925 .000000 .000000
.000000 .000000 .000000

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 99.697496 .000000 .000000
.000000 .000000 .000000
0.25000 99.697496 .000000 .000000
.000000 .000000 .000000
0.50000 99.697496 .000000 .000000
.000000 .000000 .000000
0.75000 99.697496 .000000 .000000
.000000 .000000 .000000
1.00000 99.697496 .000000 .000000
.000000 .000000 .000000

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -821.860212 .000000 .000000
.000000 .000000 .000000
0.25000 -821.860212 .000000 .000000
.000000 .000000 .000000
0.50000 -821.860212 .000000 .000000
.000000 .000000 .000000
0.75000 -821.860212 .000000 .000000
.000000 .000000 .000000
1.00000 -821.860212 .000000 .000000
.000000 .000000 .000000

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 121.151093 .000000 .000000
.000000 .000000 .000000
0.25000 121.151093 .000000 .000000
.000000 .000000 .000000
0.50000 121.151093 .000000 .000000
.000000 .000000 .000000
0.75000 121.151093 .000000 .000000
.000000 .000000 .000000
1.00000 121.151093 .000000 .000000
.000000 .000000 .000000

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -818.504448 .000000 .000000
.000000 .000000 .000000
0.25000 -818.504448 .000000 .000000
.000000 .000000 .000000
0.50000 -818.504448 .000000 .000000
.000000 .000000 .000000
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F R A M E E L E M E N T I N T E R N A L
F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -818.504448 .000000 .000000
.000000 .000000 .000000
1.00000 -818.504448 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 34.697324 .000000 .000000
.000000 .000000 .000000
0.25000 34.697324 .000000 .000000
.000000 .000000 .000000
0.50000 34.697324 .000000 .000000
.000000 .000000 .000000
0.75000 34.697324 .000000 .000000
.000000 .000000 .000000
1.00000 34.697324 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -35.658974 .000000 .000000
.000000 .000000 .000000
0.25000 -35.658974 .000000 .000000
.000000 .000000 .000000
0.50000 -35.658974 .000000 .000000
.000000 .000000 .000000
0.75000 -35.658974 .000000 .000000
.000000 .000000 .000000
1.00000 -35.658974 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 73.163956 .000000 .000000
.000000 .000000 .000000
0.25000 73.163956 .000000 .000000
.000000 .000000 .000000
0.50000 73.163956 .000000 .000000
.000000 .000000 .000000
0.75000 73.163956 .000000 .000000
.000000 .000000 .000000
1.00000 73.163956 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -228.898587 .000000 .000000
.000000 .000000 .000000
0.25000 -228.898587 .000000 .000000
.000000 .000000 .000000
0.50000 -228.898587 .000000 .000000
.000000 .000000 .000000
0.75000 -228.898587 .000000 .000000
.000000 .000000 .000000
1.00000 -228.898587 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 111.003187 .000000 .000000
.000000 .000000 .000000
0.25000 111.003187 .000000 .000000
.000000 .000000 .000000
0.50000 111.003187 .000000 .000000
.000000 .000000 .000000
0.75000 111.003187 .000000 .000000
.000000 .000000 .000000
1.00000 111.003187 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -589.965271 .000000 .000000
.000000 .000000 .000000
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F R A M E E L E M E N T I N T E R N A L
F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -589.965271 .000000 .000000
.000000 .000000 .000000
0.50000 -589.965271 .000000 .000000
.000000 .000000 .000000
0.75000 -589.965271 .000000 .000000
.000000 .000000 .000000
1.00000 -589.965271 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 81.144425 .000000 .000000
.000000 .000000 .000000
0.25000 81.144425 .000000 .000000
.000000 .000000 .000000
0.50000 81.144425 .000000 .000000
.000000 .000000 .000000
0.75000 81.144425 .000000 .000000
.000000 .000000 .000000
1.00000 81.144425 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1197.490 .000000 .000000
.000000 .000000 .000000
0.25000 -1197.490 .000000 .000000
.000000 .000000 .000000
0.50000 -1197.490 .000000 .000000
.000000 .000000 .000000
0.75000 -1197.490 .000000 .000000
.000000 .000000 .000000
1.00000 -1197.490 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 141.623918 .000000 .000000
.000000 .000000 .000000
0.25000 141.623918 .000000 .000000
.000000 .000000 .000000
0.50000 141.623918 .000000 .000000
.000000 .000000 .000000
0.75000 141.623918 .000000 .000000
.000000 .000000 .000000
1.00000 141.623918 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.25000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.50000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.75000 -1844.776 .000000 .000000
.000000 .000000 .000000
1.00000 -1844.776 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 170.557440 .000000 .000000
.000000 .000000 .000000
0.25000 170.557440 .000000 .000000
.000000 .000000 .000000
0.50000 170.557440 .000000 .000000
.000000 .000000 .000000
0.75000 170.557440 .000000 .000000
.000000 .000000 .000000
1.00000 170.557440 .000000 .000000
.000000 .000000 .000000
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COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1840.959 .000000 .000000
.000000 .000000 .000000
0.25000 -1840.959 .000000 .000000
.000000 .000000 .000000
0.50000 -1840.959 .000000 .000000
.000000 .000000 .000000
0.75000 -1840.959 .000000 .000000
.000000 .000000 .000000
1.00000 -1840.959 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 51.796057 .000000 .000000
.000000 .000000 .000000
0.25000 51.796057 .000000 .000000
.000000 .000000 .000000
0.50000 51.796057 .000000 .000000
.000000 .000000 .000000
0.75000 51.796057 .000000 .000000
.000000 .000000 .000000
1.00000 51.796057 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -59.292170 .000000 .000000
.000000 .000000 .000000
0.25000 -59.292170 .000000 .000000
.000000 .000000 .000000
0.50000 -59.292170 .000000 .000000
.000000 .000000 .000000
0.75000 -59.292170 .000000 .000000
.000000 .000000 .000000
1.00000 -59.292170 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 102.281866 .000000 .000000
.000000 .000000 .000000
0.25000 102.281866 .000000 .000000
.000000 .000000 .000000
0.50000 102.281866 .000000 .000000
.000000 .000000 .000000
0.75000 102.281866 .000000 .000000
.000000 .000000 .000000
1.00000 102.281866 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -511.414770 .000000 .000000
.000000 .000000 .000000
0.25000 -511.414770 .000000 .000000
.000000 .000000 .000000
0.50000 -511.414770 .000000 .000000
.000000 .000000 .000000
0.75000 -511.414770 .000000 .000000
.000000 .000000 .000000
1.00000 -511.414770 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 155.983908 .000000 .000000
.000000 .000000 .000000
0.25000 155.983908 .000000 .000000
.000000 .000000 .000000
0.50000 155.983908 .000000 .000000
.000000 .000000 .000000
0.75000 155.983908 .000000 .000000
.000000 .000000 .000000
1.00000 155.983908 .000000 .000000
.000000 .000000 .000000
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F O R C E S

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1312.305 .000000 .000000
.000000 .000000 .000000
0.25000 -1312.305 .000000 .000000
.000000 .000000 .000000
0.50000 -1312.305 .000000 .000000
.000000 .000000 .000000
0.75000 -1312.305 .000000 .000000
.000000 .000000 .000000
1.00000 -1312.305 .000000 .000000
.000000 .000000 .000000

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 121.151093 .000000 .000000
.000000 .000000 .000000
0.25000 121.151093 .000000 .000000
.000000 .000000 .000000
0.50000 121.151093 .000000 .000000
.000000 .000000 .000000
0.75000 121.151093 .000000 .000000
.000000 .000000 .000000
1.00000 121.151093 .000000 .000000
.000000 .000000 .000000

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -821.860212 .000000 .000000
.000000 .000000 .000000
0.25000 -821.860212 .000000 .000000
.000000 .000000 .000000
0.50000 -821.860212 .000000 .000000
.000000 .000000 .000000
0.75000 -821.860212 .000000 .000000
.000000 .000000 .000000
1.00000 -821.860212 .000000 .000000
.000000 .000000 .000000

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 170.557440 .000000 .000000
.000000 .000000 .000000
0.25000 170.557440 .000000 .000000
.000000 .000000 .000000
0.50000 170.557440 .000000 .000000
.000000 .000000 .000000
0.75000 170.557440 .000000 .000000
.000000 .000000 .000000
1.00000 170.557440 .000000 .000000
.000000 .000000 .000000

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.25000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.50000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.75000 -1844.776 .000000 .000000
.000000 .000000 .000000
1.00000 -1844.776 .000000 .000000
.000000 .000000 .000000

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 170.557440 .000000 .000000
.000000 .000000 .000000
0.25000 170.557440 .000000 .000000
.000000 .000000 .000000
0.50000 170.557440 .000000 .000000
.000000 .000000 .000000
0.75000 170.557440 .000000 .000000
.000000 .000000 .000000
1.00000 170.557440 .000000 .000000
.000000 .000000 .000000
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F R A M E E L E M E N T I N T E R N A L
F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.25000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.50000 -1844.776 .000000 .000000
.000000 .000000 .000000
0.75000 -1844.776 .000000 .000000
.000000 .000000 .000000
1.00000 -1844.776 .000000 .000000
.000000 .000000 .000000

COMB DESIGN ---------- MAX

REL DIST P V2 V3
```

T	M2	M3	
0.00000	170.557440	.000000	.000000
.000000	.000000	.000000	
0.25000	170.557440	.000000	.000000
.000000	.000000	.000000	
0.50000	170.557440	.000000	.000000
.000000	.000000	.000000	
0.75000	170.557440	.000000	.000000
.000000	.000000	.000000	
1.00000	170.557440	.000000	.000000
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1844.776	.000000	.000000
.000000	.000000	.000000	
0.25000	-1844.776	.000000	.000000
.000000	.000000	.000000	
0.50000	-1844.776	.000000	.000000
.000000	.000000	.000000	
0.75000	-1844.776	.000000	.000000
.000000	.000000	.000000	
1.00000	-1844.776	.000000	.000000
.000000	.000000	.000000	

ELEM 170 ========== LENGTH = 1.300000

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	57.145706	6.510851	0.118493
.000000	0.154040	8.464106	
0.25000	57.145706	6.510851	0.118493
.000000	0.115517	6.348079	
0.50000	57.145706	6.510851	0.118493
.000000	0.077011	4.232053	
0.75000	57.145706	6.510851	0.118493
.000000	0.038438	2.116026	
1.00000	57.145706	6.510851	0.118493
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-536.927062	-6.477455	-0.119104
.000000	-0.154828	-8.420691	
0.25000	-536.927062	-6.477455	-0.119104
.000000	-0.116121	-6.315519	
0.50000	-536.927062	-6.477455	-0.119104
.000000	-0.077356	-4.210346	
0.75000	-536.927062	-6.477455	-0.119104
.000000	-0.038576	-2.105173	
1.00000	-536.927062	-6.477455	-0.119104
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	99.699946	8.005904	0.146304
.000000	0.190183	10.407675	
0.25000	99.699946	8.005904	0.146304
.000000	0.142556	7.805756	
0.50000	99.699946	8.005904	0.146304
.000000	0.095056	5.203838	

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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3

T	M2	M3	
0.75000	99.699946	8.005904	0.146304
.000000	0.047451	2.601921	
1.00000	99.699946	8.005904	0.146304
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-821.848516	-7.997788	-0.146448
.000000	-0.190350	-10.397122	
0.25000	-821.848516	-7.997788	-0.146448
.000000	-0.142672	-7.797841	
0.50000	-821.848516	-7.997788	-0.146448
.000000	-0.095059	-5.198561	
0.75000	-821.848516	-7.997788	-0.146448
.000000	-0.047397	-2.599280	
1.00000	-821.848516	-7.997788	-0.146448
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	121.144969	11.398635	0.209637
.000000	0.272513	14.818226	
0.25000	121.144969	11.398635	0.209637
.000000	0.204281	11.113670	
0.50000	121.144969	11.398635	0.209637
.000000	0.136201	7.409113	
0.75000	121.144969	11.398635	0.209637
.000000	0.067953	3.704559	
1.00000	121.144969	11.398635	0.209637
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-818.557166	-11.460022	-0.208514
.000000	-0.271009	-14.898026	
0.25000	-818.557166	-11.460022	-0.208514
.000000	-0.203257	-11.173520	
0.50000	-818.557166	-11.460022	-0.208514
.000000	-0.135386	-7.449013	
0.75000	-818.557166	-11.460022	-0.208514
.000000	-0.067569	-3.724507	
1.00000	-818.557166	-11.460022	-0.208514
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	34.694583	6.811080	0.128025
.000000	0.166413	8.854404	
0.25000	34.694583	6.811080	0.128025
.000000	0.124776	6.640803	
0.50000	34.694583	6.811080	0.128025
.000000	0.083130	4.427202	
0.75000	34.694583	6.811080	0.128025
.000000	0.041447	2.213601	
1.00000	34.694583	6.811080	0.128025
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-35.683922	-6.998545	-0.124596
.000000	-0.161966	-9.098108	
0.25000	-35.683922	-6.998545	-0.124596
.000000	-0.121481	-6.823581	
0.50000	-35.683922	-6.998545	-0.124596
.000000	-0.080983	-4.549054	
0.75000	-35.683922	-6.998545	-0.124596
.000000	-0.040442	-2.274527	
1.00000	-35.683922	-6.998545	-0.124596
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	73.145934	8.403726	0.157415
.000000	0.204624	10.924843	

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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3

T	M2	M3	
0.25000	73.145934	8.403726	0.157415
.000000	0.153390	8.193632	
0.50000	73.145934	8.403726	0.157415
.000000	0.102208	5.462422	
0.75000	73.145934	8.403726	0.157415
.000000	0.050991	2.731213	
1.00000	73.145934	8.403726	0.157415
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-228.946047	-8.605186	-0.153730
.000000	-0.199828	-11.186739	
0.25000	-228.946047	-8.605186	-0.153730
.000000	-0.149871	-8.390055	
0.50000	-228.946047	-8.605186	-0.153730
.000000	-0.099856	-5.593370	
0.75000	-228.946047	-8.605186	-0.153730
.000000	-0.049850	-2.796685	
1.00000	-228.946047	-8.605186	-0.153730
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	110.989416	11.494946	0.214084
.000000	0.278305	14.943430	
0.25000	110.989416	11.494946	0.214084
.000000	0.208648	11.207573	
0.50000	110.989416	11.494946	0.214084
.000000	0.139045	7.471715	
0.75000	110.989416	11.494946	0.214084
.000000	0.069354	3.735860	
1.00000	110.989416	11.494946	0.214084
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-590.000977	-11.702709	-0.210278
.000000	-0.273358	-15.213519	
0.25000	-590.000977	-11.702709	-0.210278
.000000	-0.205010	-11.410139	
0.50000	-590.000977	-11.702709	-0.210278
.000000	-0.136547	-7.606760	
0.75000	-590.000977	-11.702709	-0.210278
.000000	-0.068160	-3.803380	
1.00000	-590.000977	-11.702709	-0.210278
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	81.156784	9.082846	0.151237
.000000	0.196713	11.807700	
0.25000	81.156784	9.082846	0.151237
.000000	0.147534	8.855775	
0.50000	81.156784	9.082846	0.151237
.000000	0.098632	5.903850	
0.75000	81.156784	9.082846	0.151237
.000000	0.049307	2.951919	
1.00000	81.156784	9.082846	0.151237
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1197.602	-8.267120	-0.166234
.000000	-0.216084	-10.747257	
0.25000	-1197.602	-8.267120	-0.166234
.000000	-0.161702	-8.060442	
0.50000	-1197.602	-8.267120	-0.166234
.000000	-0.107686	-5.373628	
0.75000	-1197.602	-8.267120	-0.166234
.000000	-0.053028	-2.686833	
1.00000	-1197.602	-8.267120	-0.166234
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	141.618042	10.899462	0.184206
.000000	0.239562	14.169303	
0.25000	141.618042	10.899462	0.184206
.000000	0.179716	10.626983	
0.50000	141.618042	10.899462	0.184206
.000000	0.120138	7.084688	
0.75000	141.618042	10.899462	0.184206
.000000	0.059964	3.542373	
1.00000	141.618042	10.899462	0.184206
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1844.910	-10.069242	-0.199469
.000000	-0.258465	-13.090011	
0.25000	-1844.910	-10.069242	-0.199469
.000000	-0.193612	-9.817502	
0.50000	-1844.910	-10.069242	-0.199469
.000000	-0.128539	-6.545011	
0.75000	-1844.910	-10.069242	-0.199469
.000000	-0.063059	-3.272555	
1.00000	-1844.910	-10.069242	-0.199469
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	170.531456	15.122283	0.274762
.000000	0.357381	19.658970	
0.25000	170.531456	15.122283	0.274762
.000000	0.267740	14.744233	
0.50000	170.531456	15.122283	0.274762
.000000	0.178571	9.829521	
0.75000	170.531456	15.122283	0.274762
.000000	0.089703	4.914785	
1.00000	170.531456	15.122283	0.274762
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1841.073	-15.019526	-0.276764
.000000	-0.359080	-19.525380	
0.25000	-1841.073	-15.019526	-0.276764
.000000	-0.269189	-14.644029	
0.50000	-1841.073	-15.019526	-0.276764
.000000	-0.178984	-9.762695	
0.75000	-1841.073	-15.019526	-0.276764
.000000	-0.088548	-4.881404	
1.00000	-1841.073	-15.019526	-0.276764
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	51.819723	8.803077	0.181601
.000000	0.235709	11.443999	
0.25000	51.819723	8.803077	0.181601
.000000	0.176497	8.583000	
0.50000	51.819723	8.803077	0.181601
.000000	0.117408	5.722000	
0.75000	51.819723	8.803077	0.181601
.000000	0.058094	2.861008	
1.00000	51.819723	8.803077	0.181601
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-59.285856	-9.927466	-0.161018
.000000	-0.209260	-12.905706	
0.25000	-59.285856	-9.927466	-0.161018
.000000	-0.156966	-9.679280	
0.50000	-59.285856	-9.927466	-0.161018
.000000	-0.104892	-6.452853	
0.75000	-59.285856	-9.927466	-0.161018
.000000	-0.052375	-3.226427	
1.00000	-59.285856	-9.927466	-0.161018
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	102.242063	10.609806	0.219305
.000000	0.284475	13.792749	
0.25000	102.242063	10.609806	0.219305
.000000	0.213179	10.344568	
0.50000	102.242063	10.609806	0.219305
.000000	0.141736	6.896411	
0.75000	102.242063	10.609806	0.219305
.000000	0.069800	3.448219	
1.00000	102.242063	10.609806	0.219305
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-511.378664	-11.986536	-0.194071
.000000	-0.252401	-15.582494	
0.25000	-511.378664	-11.986536	-0.194071
.000000	-0.189249	-11.686864	
0.50000	-511.378664	-11.986536	-0.194071
.000000	-0.126132	-7.791252	
0.75000	-511.378664	-11.986536	-0.194071
.000000	-0.063159	-3.895687	
1.00000	-511.378664	-11.986536	-0.194071
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	155.947722	14.948169	0.288838
.000000	0.375073	19.432622	
0.25000	155.947722	14.948169	0.288838
.000000	0.281085	14.574472	
0.50000	155.947722	14.948169	0.288838
.000000	0.187174	9.716347	
0.75000	155.947722	14.948169	0.288838
.000000	0.092897	4.858125	
1.00000	155.947722	14.948169	0.288838
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1312.342	-15.787042	-0.273387
.000000	-0.355405	-20.523152	
0.25000	-1312.342	-15.787042	-0.273387
.000000	-0.266454	-15.392357	
0.50000	-1312.342	-15.787042	-0.273387
.000000	-0.177327	-10.261581	
0.75000	-1312.342	-15.787042	-0.273387
.000000	-0.088386	-5.130810	
1.00000	-1312.342	-15.787042	-0.273387
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	121.144969	11.494946	0.214084
.000000	0.278305	14.943430	
0.25000	121.144969	11.494946	0.214084
.000000	0.208648	11.207573	
0.50000	121.144969	11.494946	0.214084
.000000	0.139045	7.471715	
0.75000	121.144969	11.494946	0.214084
.000000	0.069354	3.735860	
1.00000	121.144969	11.494946	0.214084
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-821.848516	-11.702709	-0.210278
.000000	-0.273358	-15.213519	
0.25000	-821.848516	-11.702709	-0.210278
.000000	-0.205010	-11.410139	
0.50000	-821.848516	-11.702709	-0.210278
.000000	-0.136547	-7.606760	
0.75000	-821.848516	-11.702709	-0.210278
.000000	-0.068160	-3.803380	
1.00000	-821.848516	-11.702709	-0.210278
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	170.531456	15.122283	0.288838
.000000	0.375073	19.658970	
0.25000	170.531456	15.122283	0.288838
.000000	0.281085	14.744233	
0.50000	170.531456	15.122283	0.288838
.000000	0.187174	9.829521	
0.75000	170.531456	15.122283	0.288838
.000000	0.092897	4.914785	
1.00000	170.531456	15.122283	0.288838
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1844.910	-15.787042	-0.276764
.000000	-0.359080	-20.523152	
0.25000	-1844.910	-15.787042	-0.276764
.000000	-0.269189	-15.392357	
0.50000	-1844.910	-15.787042	-0.276764
.000000	-0.178984	-10.261581	
0.75000	-1844.910	-15.787042	-0.276764
.000000	-0.088548	-5.130810	
1.00000	-1844.910	-15.787042	-0.276764
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	170.531456	15.122283	0.288838
.000000	0.375073	19.658970	
0.25000	170.531456	15.122283	0.288838
.000000	0.281085	14.744233	
0.50000	170.531456	15.122283	0.288838
.000000	0.187174	9.829521	
0.75000	170.531456	15.122283	0.288838
.000000	0.092897	4.914785	
1.00000	170.531456	15.122283	0.288838
.000000	.000000	.000000	

COMB CAR ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1844.910	-15.787042	-0.276764
.000000	-0.359080	-20.523152	
0.25000	-1844.910	-15.787042	-0.276764
.000000	-0.269189	-15.392357	
0.50000	-1844.910	-15.787042	-0.276764
.000000	-0.178984	-10.261581	
0.75000	-1844.910	-15.787042	-0.276764
.000000	-0.088548	-5.130810	
1.00000	-1844.910	-15.787042	-0.276764
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	170.531456	15.122283	0.288838
.000000	0.375073	19.658970	
0.25000	170.531456	15.122283	0.288838
.000000	0.281085	14.744233	
0.50000	170.531456	15.122283	0.288838
.000000	0.187174	9.829521	
0.75000	170.531456	15.122283	0.288838
.000000	0.092897	4.914785	
1.00000	170.531456	15.122283	0.288838
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-1844.910	-15.787042	-0.276764
.000000	-0.359080	-20.523152	
0.25000	-1844.910	-15.787042	-0.276764
.000000	-0.269189	-15.392357	
0.50000	-1844.910	-15.787042	-0.276764
.000000	-0.178984	-10.261581	
0.75000	-1844.910	-15.787042	-0.276764
.000000	-0.088548	-5.130810	
1.00000	-1844.910	-15.787042	-0.276764
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

ELEM 171 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3

T	M2	M3	
0.00000	31.119346	.000000	.000000
.000000	.000000	.000000	
0.25000	31.119346	.000000	.000000
.000000	.000000	.000000	
0.50000	31.119346	.000000	.000000
.000000	.000000	.000000	
0.75000	31.119346	.000000	.000000
.000000	.000000	.000000	
1.00000	31.119346	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-500.294410	.000000	.000000
.000000	.000000	.000000	
0.25000	-500.294410	.000000	.000000
.000000	.000000	.000000	
0.50000	-500.294410	.000000	.000000
.000000	.000000	.000000	
0.75000	-500.294410	.000000	.000000
.000000	.000000	.000000	
1.00000	-500.294410	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	52.235935	.000000	.000000
.000000	.000000	.000000	
0.25000	52.235935	.000000	.000000
.000000	.000000	.000000	
0.50000	52.235935	.000000	.000000
.000000	.000000	.000000	
0.75000	52.235935	.000000	.000000
.000000	.000000	.000000	
1.00000	52.235935	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-763.558692	.000000	.000000
.000000	.000000	.000000	
0.25000	-763.558692	.000000	.000000
.000000	.000000	.000000	
0.50000	-763.558692	.000000	.000000
.000000	.000000	.000000	
0.75000	-763.558692	.000000	.000000
.000000	.000000	.000000	
1.00000	-763.558692	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	60.095148	.000000	.000000
.000000	.000000	.000000	
0.25000	60.095148	.000000	.000000
.000000	.000000	.000000	
0.50000	60.095148	.000000	.000000
.000000	.000000	.000000	
0.75000	60.095148	.000000	.000000
.000000	.000000	.000000	
1.00000	60.095148	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-743.915772	.000000	.000000
.000000	.000000	.000000	
0.25000	-743.915772	.000000	.000000
.000000	.000000	.000000	
0.50000	-743.915772	.000000	.000000
.000000	.000000	.000000	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-743.915772	.000000	.000000
.000000	.000000	.000000	
1.00000	-743.915772	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	19.963341	.000000	.000000
.000000	.000000	.000000	
0.25000	19.963341	.000000	.000000
.000000	.000000	.000000	
0.50000	19.963341	.000000	.000000
.000000	.000000	.000000	
0.75000	19.963341	.000000	.000000
.000000	.000000	.000000	
1.00000	19.963341	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.003022	.000000	.000000
.000000	.000000	.000000	
0.25000	-12.003022	.000000	.000000
.000000	.000000	.000000	
0.50000	-12.003022	.000000	.000000
.000000	.000000	.000000	
0.75000	-12.003022	.000000	.000000
.000000	.000000	.000000	
1.00000	-12.003022	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	31.331878	.000000	.000000
.000000	.000000	.000000	
0.25000	31.331878	.000000	.000000
.000000	.000000	.000000	
0.50000	31.331878	.000000	.000000
.000000	.000000	.000000	
0.75000	31.331878	.000000	.000000
.000000	.000000	.000000	
1.00000	31.331878	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-170.901828	.000000	.000000
.000000	.000000	.000000	
0.25000	-170.901828	.000000	.000000
.000000	.000000	.000000	
0.50000	-170.901828	.000000	.000000
.000000	.000000	.000000	
0.75000	-170.901828	.000000	.000000
.000000	.000000	.000000	
1.00000	-170.901828	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	52.193346	.000000	.000000
.000000	.000000	.000000	
0.25000	52.193346	.000000	.000000
.000000	.000000	.000000	
0.50000	52.193346	.000000	.000000
.000000	.000000	.000000	
0.75000	52.193346	.000000	.000000
.000000	.000000	.000000	
1.00000	52.193346	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-510.696976	.000000	.000000
.000000	.000000	.000000	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-510.696976	.000000	.000000
.000000	.000000	.000000	
0.50000	-510.696976	.000000	.000000
.000000	.000000	.000000	
0.75000	-510.696976	.000000	.000000
.000000	.000000	.000000	
1.00000	-510.696976	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	42.517453	.000000	.000000
.000000	.000000	.000000	
0.25000	42.517453	.000000	.000000
.000000	.000000	.000000	
0.50000	42.517453	.000000	.000000
.000000	.000000	.000000	
0.75000	42.517453	.000000	.000000
.000000	.000000	.000000	
1.00000	42.517453	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-572.728187	.000000	.000000
.000000	.000000	.000000	
0.25000	-572.728187	.000000	.000000
.000000	.000000	.000000	
0.50000	-572.728187	.000000	.000000
.000000	.000000	.000000	
0.75000	-572.728187	.000000	.000000
.000000	.000000	.000000	
1.00000	-572.728187	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	71.657734	.000000	.000000
.000000	.000000	.000000	
0.25000	71.657734	.000000	.000000
.000000	.000000	.000000	
0.50000	71.657734	.000000	.000000
.000000	.000000	.000000	
0.75000	71.657734	.000000	.000000
.000000	.000000	.000000	
1.00000	71.657734	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.25000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.50000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.75000	-870.859880	.000000	.000000
.000000	.000000	.000000	
1.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.25000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.50000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.75000	81.610739	.000000	.000000
.000000	.000000	.000000	
1.00000	81.610739	.000000	.000000
.000000	.000000	.000000	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-845.899922	.000000	.000000
.000000	.000000	.000000	
0.25000	-845.899922	.000000	.000000
.000000	.000000	.000000	
0.50000	-845.899922	.000000	.000000
.000000	.000000	.000000	
0.75000	-845.899922	.000000	.000000
.000000	.000000	.000000	
1.00000	-845.899922	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	40.264473	.000000	.000000
.000000	.000000	.000000	
0.25000	40.264473	.000000	.000000
.000000	.000000	.000000	
0.50000	40.264473	.000000	.000000
.000000	.000000	.000000	
0.75000	40.264473	.000000	.000000
.000000	.000000	.000000	
1.00000	40.264473	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.848683	.000000	.000000
.000000	.000000	.000000	
0.25000	-15.848683	.000000	.000000
.000000	.000000	.000000	
0.50000	-15.848683	.000000	.000000
.000000	.000000	.000000	
0.75000	-15.848683	.000000	.000000
.000000	.000000	.000000	
1.00000	-15.848683	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	50.361275	.000000	.000000
.000000	.000000	.000000	
0.25000	50.361275	.000000	.000000
.000000	.000000	.000000	
0.50000	50.361275	.000000	.000000
.000000	.000000	.000000	
0.75000	50.361275	.000000	.000000
.000000	.000000	.000000	
1.00000	50.361275	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-199.159867	.000000	.000000
.000000	.000000	.000000	
0.25000	-199.159867	.000000	.000000
.000000	.000000	.000000	
0.50000	-199.159867	.000000	.000000
.000000	.000000	.000000	
0.75000	-199.159867	.000000	.000000
.000000	.000000	.000000	
1.00000	-199.159867	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	78.458658	.000000	.000000
.000000	.000000	.000000	
0.25000	78.458658	.000000	.000000
.000000	.000000	.000000	
0.50000	78.458658	.000000	.000000
.000000	.000000	.000000	
0.75000	78.458658	.000000	.000000
.000000	.000000	.000000	
1.00000	78.458658	.000000	.000000
.000000	.000000	.000000	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-583.077221	.000000	.000000
.000000	.000000	.000000	
0.25000	-583.077221	.000000	.000000
.000000	.000000	.000000	
0.50000	-583.077221	.000000	.000000
.000000	.000000	.000000	
0.75000	-583.077221	.000000	.000000
.000000	.000000	.000000	
1.00000	-583.077221	.000000	.000000
.000000	.000000	.000000	

COMB DB ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	60.095148	.000000	.000000
.000000	.000000	.000000	
0.25000	60.095148	.000000	.000000
.000000	.000000	.000000	
0.50000	60.095148	.000000	.000000
.000000	.000000	.000000	
0.75000	60.095148	.000000	.000000
.000000	.000000	.000000	
1.00000	60.095148	.000000	.000000
.000000	.000000	.000000	

COMB DB ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-763.558692	.000000	.000000
.000000	.000000	.000000	
0.25000	-763.558692	.000000	.000000
.000000	.000000	.000000	
0.50000	-763.558692	.000000	.000000
.000000	.000000	.000000	
0.75000	-763.558692	.000000	.000000
.000000	.000000	.000000	
1.00000	-763.558692	.000000	.000000
.000000	.000000	.000000	

COMB DL ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.25000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.50000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.75000	81.610739	.000000	.000000
.000000	.000000	.000000	
1.00000	81.610739	.000000	.000000
.000000	.000000	.000000	

COMB DL ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.25000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.50000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.75000	-870.859880	.000000	.000000
.000000	.000000	.000000	
1.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.25000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.50000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.75000	81.610739	.000000	.000000
.000000	.000000	.000000	
1.00000	81.610739	.000000	.000000
.000000	.000000	.000000	

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.25000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.50000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.75000	-870.859880	.000000	.000000
.000000	.000000	.000000	
1.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.25000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.50000	81.610739	.000000	.000000
.000000	.000000	.000000	
0.75000	81.610739	.000000	.000000
.000000	.000000	.000000	
1.00000	81.610739	.000000	.000000
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.25000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.50000	-870.859880	.000000	.000000
.000000	.000000	.000000	
0.75000	-870.859880	.000000	.000000
.000000	.000000	.000000	
1.00000	-870.859880	.000000	.000000
.000000	.000000	.000000	

ELEM 172 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.480328	0.008273	0.339017
.000000	0.406821	0.009709	
0.25000	16.480328	0.008273	0.339017
.000000	0.305115	0.007219	
0.50000	16.480328	0.008273	0.339017
.000000	0.203410	0.004761	
0.75000	16.480328	0.008273	0.339017
.000000	0.101685	0.002360	
1.00000	16.480328	0.008273	0.339017
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.058550	-0.006158	-0.455028
.000000	-0.546034	-0.007097	
0.25000	-13.058550	-0.006158	-0.455028
.000000	-0.409525	-0.005277	
0.50000	-13.058550	-0.006158	-0.455028
.000000	-0.273016	-0.003518	
0.75000	-13.058550	-0.006158	-0.455028
.000000	-0.136508	-0.001765	
1.00000	-13.058550	-0.006158	-0.455028
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	37.232393	0.020562	1.357258
.000000	1.628710	0.024419	
0.25000	37.232393	0.020562	1.357258
.000000	1.221532	0.018196	
0.50000	37.232393	0.020562	1.357258
.000000	0.814355	0.012103	

FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	37.232393	0.020562	1.357258
.000000	0.407153	0.006168	
1.00000	37.232393	0.020562	1.357258
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-177.882804	-0.024702	-1.130115
.000000	-1.356138	-0.029320	
0.25000	-177.882804	-0.024702	-1.130115
.000000	-1.017104	-0.021755	
0.50000	-177.882804	-0.024702	-1.130115
.000000	-0.678069	-0.014438	
0.75000	-177.882804	-0.024702	-1.130115
.000000	-0.339034	-0.007294	
1.00000	-177.882804	-0.024702	-1.130115
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	60.604121	0.026948	1.832243
.000000	2.198692	0.032087	
0.25000	60.604121	0.026948	1.832243
.000000	1.648972	0.023901	
0.50000	60.604121	0.026948	1.832243
.000000	1.099315	0.015926	
0.75000	60.604121	0.026948	1.832243
.000000	0.549651	0.008097	
1.00000	60.604121	0.026948	1.832243
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-519.620049	-0.033341	-1.481166
.000000	-1.777399	-0.039725	
0.25000	-519.620049	-0.033341	-1.481166
.000000	-1.333049	-0.029596	
0.50000	-519.620049	-0.033341	-1.481166
.000000	-0.888699	-0.019822	
0.75000	-519.620049	-0.033341	-1.481166
.000000	-0.444350	-0.010126	
1.00000	-519.620049	-0.033341	-1.481166
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	35.025912	0.005357	0.520161
.000000	0.25000	35.025912	0.005357	0.520161
.000000	0.50000	35.025912	0.005357	0.520161
.000000	0.75000	35.025912	0.005357	0.520161
.000000	1.00000	35.025912	0.005357	0.520161

COMB DB-G2-1 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-503.319553	-0.009463	-0.298198
.000000	0.25000	-503.319553	-0.009463	-0.298198
.000000	0.50000	-503.319553	-0.009463	-0.298198
.000000	0.75000	-503.319553	-0.009463	-0.298198
.000000	1.00000	-503.319553	-0.009463	-0.298198

COMB DB-G2-2 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	59.208590	0.018056	1.464520

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	T	P	V2	V3
.000000	0.25000	59.208590	0.018056	1.464520
.000000	0.50000	59.208590	0.018056	1.464520
.000000	0.75000	59.208590	0.018056	1.464520
.000000	1.00000	59.208590	0.018056	1.464520

COMB DB-G2-2 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-769.230968	-0.026651	-0.996725
.000000	0.25000	-769.230968	-0.026651	-0.996725
.000000	0.50000	-769.230968	-0.026651	-0.996725
.000000	0.75000	-769.230968	-0.026651	-0.996725
.000000	1.00000	-769.230968	-0.026651	-0.996725

COMB DB-G2-3 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	68.952936	0.023941	1.779102
.000000	0.25000	68.952936	0.023941	1.779102
.000000	0.50000	68.952936	0.023941	1.779102
.000000	0.75000	68.952936	0.023941	1.779102
.000000	1.00000	68.952936	0.023941	1.779102

COMB DB-G2-3 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-751.460308	-0.032365	-1.320273
.000000	0.25000	-751.460308	-0.032365	-1.320273
.000000	0.50000	-751.460308	-0.032365	-1.320273
.000000	0.75000	-751.460308	-0.032365	-1.320273
.000000	1.00000	-751.460308	-0.032365	-1.320273

COMB DL-G1-1 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	30.757381	0.011020	0.713848
.000000	0.25000	30.757381	0.011020	0.713848
.000000	0.50000	30.757381	0.011020	0.713848
.000000	0.75000	30.757381	0.011020	0.713848
.000000	1.00000	30.757381	0.011020	0.713848

COMB DL-G1-1 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-17.440665	-0.012941	-0.605537
.000000	0.25000	-17.440665	-0.012941	-0.605537
.000000	0.50000	-17.440665	-0.012941	-0.605537
.000000	0.75000	-17.440665	-0.012941	-0.605537
.000000	1.00000	-17.440665	-0.012941	-0.605537

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	51.312436	0.028768	2.016291
.000000	0.25000	51.312436	0.028768	2.016291
.000000	0.50000	51.312436	0.028768	2.016291
.000000	0.75000	51.312436	0.028768	2.016291
.000000	1.00000	51.312436	0.028768	2.016291

COMB DL-G1-2 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-217.259848	-0.036648	-1.578427
.000000	0.25000	-217.259848	-0.036648	-1.578427
.000000	0.50000	-217.259848	-0.036648	-1.578427
.000000	0.75000	-217.259848	-0.036648	-1.578427
.000000	1.00000	-217.259848	-0.036648	-1.578427

COMB DL-G1-3 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	83.510334	0.038269	2.676061
.000000	0.25000	83.510334	0.038269	2.676061
.000000	0.50000	83.510334	0.038269	2.676061
.000000	0.75000	83.510334	0.038269	2.676061
.000000	1.00000	83.510334	0.038269	2.676061

COMB DL-G1-3 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-611.167536	-0.048659	-2.100082
.000000	0.25000	-611.167536	-0.048659	-2.100082
.000000	0.50000	-611.167536	-0.048659	-2.100082
.000000	0.75000	-611.167536	-0.048659	-2.100082
.000000	1.00000	-611.167536	-0.048659	-2.100082

COMB DL-G2-1 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	48.150775	0.010828	0.686448
.000000	0.25000	48.150775	0.010828	0.686448
.000000	0.50000	48.150775	0.010828	0.686448
.000000	0.75000	48.150775	0.010828	0.686448
.000000	1.00000	48.150775	0.010828	0.686448

COMB DL-G2-1 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-587.318574	-0.012489	-0.602287
.000000	0.25000	-587.318574	-0.012489	-0.602287
.000000	0.50000	-587.318574	-0.012489	-0.602287
.000000	0.75000	-587.318574	-0.012489	-0.602287
.000000	1.00000	-587.318574	-0.012489	-0.602287

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	81.461975	0.028766	1.956816
.000000	0.25000	81.461975	0.028766	1.956816
.000000	0.50000	81.461975	0.028766	1.956816
.000000	0.75000	81.461975	0.028766	1.956816
.000000	1.00000	81.461975	0.028766	1.956816

COMB DL-G2-2 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-897.281671	-0.035611	-1.588070
.000000	0.25000	-897.281671	-0.035611	-1.588070
.000000	0.50000	-897.281671	-0.035611	-1.588070
.000000	0.75000	-897.281671	-0.035611	-1.588070
.000000	1.00000	-897.281671	-0.035611	-1.588070

COMB DL-G2-3 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	93.908741	0.035855	2.480150
.000000	0.25000	93.908741	0.035855	2.480150
.000000	0.50000	93.908741	0.035855	2.480150
.000000	0.75000	93.908741	0.035855	2.480150
.000000	1.00000	93.908741	0.035855	2.480150

COMB DL-G2-3 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-879.929448	-0.045005	-1.978323
.000000	0.25000	-879.929448	-0.045005	-1.978323
.000000	0.50000	-879.929448	-0.045005	-1.978323
.000000	0.75000	-879.929448	-0.045005	-1.978323
.000000	1.00000	-879.929448	-0.045005	-1.978323

COMB DB ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	68.952936	0.026948	1.832243
.000000	0.25000	68.952936	0.026948	1.832243
.000000	0.50000	68.952936	0.026948	1.832243
.000000	0.75000	68.952936	0.026948	1.832243
.000000	1.00000	68.952936	0.026948	1.832243

COMB DB ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-769.230968	-0.033341	-1.481166
.000000	0.25000	-769.230968	-0.033341	-1.481166
.000000	0.50000	-769.230968	-0.033341	-1.481166
.000000	0.75000	-769.230968	-0.033341	-1.481166
.000000	1.00000	-769.230968	-0.033341	-1.481166

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	93.908741	0.038269	2.676061
.000000	0.25000	93.908741	0.038269	2.676061
.000000	0.50000	93.908741	0.038269	2.676061
.000000	0.75000	93.908741	0.038269	2.676061
.000000	1.00000	93.908741	0.038269	2.676061

COMB DL ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-897.281671	-0.048659	-2.100082
.000000	0.25000	-897.281671	-0.048659	-2.100082
.000000	0.50000	-897.281671	-0.048659	-2.100082
.000000	0.75000	-897.281671	-0.048659	-2.100082
.000000	1.00000	-897.281671	-0.048659	-2.100082

COMB CAR ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	93.908741	0.038269	2.676061
.000000	0.25000	93.908741	0.038269	2.676061
.000000	0.50000	93.908741	0.038269	2.676061
.000000	0.75000	93.908741	0.038269	2.676061
.000000	1.00000	93.908741	0.038269	2.676061

COMB CAR ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-897.281671	-0.048659	-2.100082
.000000	0.25000	-897.281671	-0.048659	-2.100082
.000000	0.50000	-897.281671	-0.048659	-2.100082
.000000	0.75000	-897.281671	-0.048659	-2.100082
.000000	1.00000	-897.281671	-0.048659	-2.100082

COMB DESIGN ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	93.908741	0.038269	2.676061
.000000	0.25000	93.908741	0.038269	2.676061
.000000	0.50000	93.908741	0.038269	2.676061
.000000	0.75000	93.908741	0.038269	2.676061
.000000	1.00000	93.908741	0.038269	2.676061

COMB DESIGN ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-897.281671	-0.048659	-2.100082
.000000	0.25000	-897.281671	-0.048659	-2.100082
.000000	0.50000	-897.281671	-0.048659	-2.100082
.000000	0.75000	-897.281671	-0.048659	-2.100082
.000000	1.00000	-897.281671	-0.048659	-2.100082

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FRAME ELEMENT INTERNAL FORCES

ELEM 173 ========== LENGTH = 1.300000

COMB DB-G1-1 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	33.379674	1.44E-06	0.608243
.000000	0.25000	33.379674	1.44E-06	0.608243
.000000	0.50000	33.379674	1.44E-06	0.608243
.000000	0.75000	33.379674	1.44E-06	0.608243
.000000	1.00000	33.379674	1.44E-06	0.608243

COMB DB-G1-1 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-34.378504	-1.20E-06	-0.834952
.000000	0.25000	-34.378504	-1.20E-06	-0.834952
.000000	0.50000	-34.378504	-1.20E-06	-0.834952
.000000	0.75000	-34.378504	-1.20E-06	-0.834952
.000000	1.00000	-34.378504	-1.20E-06	-0.834952

COMB DB-G1-2 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	71.193916	7.82E-05	2.808715
.000000	0.25000	71.193916	7.82E-05	2.808715
.000000	0.50000	71.193916	7.82E-05	2.808715
.000000	0.75000	71.193916	7.82E-05	2.808715
.000000	1.00000	71.193916	7.82E-05	2.808715

COMB DB-G1-2 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-226.819127	-6.56E-05	-3.481881
.000000	0.25000	-226.819127	-6.56E-05	-3.481881
.000000	0.50000	-226.819127	-6.56E-05	-3.481881
.000000	0.75000	-226.819127	-6.56E-05	-3.481881
.000000	1.00000	-226.819127	-6.56E-05	-3.481881

COMB DB-G1-3 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	109.191635	0.000104	3.912913
.000000	0.25000	109.191635	0.000104	3.912913
.000000	0.50000	109.191635	0.000104	3.912913
.000000	0.75000	109.191635	0.000104	3.912913
.000000	1.00000	109.191635	0.000104	3.912913

COMB DB-G1-3 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-587.846555	-8.79E-05	-4.719066
.000000	0.25000	-587.846555	-8.79E-05	-4.719066
.000000	0.50000	-587.846555	-8.79E-05	-4.719066
.000000	0.75000	-587.846555	-8.79E-05	-4.719066
.000000	1.00000	-587.846555	-8.79E-05	-4.719066

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	T	P	V2	V3
.000000	0.75000	-587.846555	-8.79E-05	-4.719066
.000000	1.00000	-587.846555	-8.79E-05	-4.719066

COMB DB-G2-1 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	57.347266	7.67E-07	0.536709
.000000	0.25000	57.347266	7.67E-07	0.536709
.000000	0.50000	57.347266	7.67E-07	0.536709
.000000	0.75000	57.347266	7.67E-07	0.536709
.000000	1.00000	57.347266	7.67E-07	0.536709

COMB DB-G2-1 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-536.799612	-4.25E-07	-0.769890
.000000	0.25000	-536.799612	-4.25E-07	-0.769890
.000000	0.50000	-536.799612	-4.25E-07	-0.769890
.000000	0.75000	-536.799612	-4.25E-07	-0.769890
.000000	1.00000	-536.799612	-4.25E-07	-0.769890

COMB DB-G2-2 ---------- MAX

REL_DIST	T	P	V2	V3
.000000	0.00000	99.510598	7.82E-05	2.592126
.000000	0.25000	99.510598	7.82E-05	2.592126
.000000	0.50000	99.510598	7.82E-05	2.592126
.000000	0.75000	99.510598	7.82E-05	2.592126
.000000	1.00000	99.510598	7.82E-05	2.592126

COMB DB-G2-2 ---------- MIN

REL_DIST	T	P	V2	V3
.000000	0.00000	-821.213226	-6.56E-05	-3.108962
.000000	0.25000	-821.213226	-6.56E-05	-3.108962
.000000	0.50000	-821.213226	-6.56E-05	-3.108962
.000000	0.75000	-821.213226	-6.56E-05	-3.108962
.000000	1.00000	-821.213226	-6.56E-05	-3.108962

COMB DB-G2-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	120.060378	7.99E-05	3.254196
.000000	4.230406	.000000	
0.25000	120.060378	7.99E-05	3.254196
.000000	3.172805	.000000	
0.50000	120.060378	7.99E-05	3.254196
.000000	2.115203	.000000	
0.75000	120.060378	7.99E-05	3.254196
.000000	1.057570	.000000	
1.00000	120.060378	7.99E-05	3.254196
.000000	.000000	.000000	

COMB DB-G2-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-816.829491	-6.70E-05	-3.982908
.000000	-5.177803	.000000	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-816.829491	-6.70E-05	-3.982908
.000000	-3.883346	.000000	
0.50000	-816.829491	-6.70E-05	-3.982908
.000000	-2.588897	.000000	
0.75000	-816.829491	-6.70E-05	-3.982908
.000000	-1.294449	.000000	
1.00000	-816.829491	-6.70E-05	-3.982908
.000000	.000000	.000000	

COMB DL-G1-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	50.081051	1.32E-06	0.844404
.000000	1.097733	.000000	
0.25000	50.081051	1.32E-06	0.844404
.000000	0.823309	.000000	
0.50000	50.081051	1.32E-06	0.844404
.000000	0.548855	.000000	
0.75000	50.081051	1.32E-06	0.844404
.000000	0.274439	.000000	
1.00000	50.081051	1.32E-06	0.844404
.000000	.000000	.000000	

COMB DL-G1-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-55.504504	-1.10E-06	-1.189477
.000000	-1.546320	.000000	
0.25000	-55.504504	-1.10E-06	-1.189477
.000000	-1.159732	.000000	
0.50000	-55.504504	-1.10E-06	-1.189477
.000000	-0.773155	.000000	
0.75000	-55.504504	-1.10E-06	-1.189477
.000000	-0.386556	.000000	
1.00000	-55.504504	-1.10E-06	-1.189477
.000000	.000000	.000000	

COMB DL-G1-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	99.254822	7.60E-05	3.976819
.000000	5.169867	.000000	
0.25000	99.254822	7.60E-05	3.976819
.000000	3.877400	.000000	
0.50000	99.254822	7.60E-05	3.976819
.000000	2.584898	.000000	
0.75000	99.254822	7.60E-05	3.976819
.000000	1.292364	.000000	
1.00000	99.254822	7.60E-05	3.976819
.000000	.000000	.000000	

COMB DL-G1-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-503.877861	-6.41E-05	-4.747758
.000000	-6.172086	.000000	
0.25000	-503.877861	-6.41E-05	-4.747758
.000000	-4.629081	.000000	
0.50000	-503.877861	-6.41E-05	-4.747758
.000000	-3.086006	.000000	
0.75000	-503.877861	-6.41E-05	-4.747758
.000000	-1.542982	.000000	
1.00000	-503.877861	-6.41E-05	-4.747758
.000000	.000000	.000000	

COMB DL-G1-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	153.457413	0.000103	5.416333
.000000	7.041234	.000000	
0.25000	153.457413	0.000103	5.416333
.000000	5.280914	.000000	
0.50000	153.457413	0.000103	5.416333
.000000	3.520583	.000000	
0.75000	153.457413	0.000103	5.416333
.000000	1.760227	.000000	
1.00000	153.457413	0.000103	5.416333
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1307.688	-8.59E-05	-6.245562
.000000	-8.119236	.000000	
0.25000	-1307.688	-8.59E-05	-6.245562
.000000	-6.089419	.000000	
0.50000	-1307.688	-8.59E-05	-6.245562
.000000	-4.059585	.000000	
0.75000	-1307.688	-8.59E-05	-6.245562
.000000	-2.029777	.000000	
1.00000	-1307.688	-8.59E-05	-6.245562
.000000	.000000	.000000	

COMB DL-G2-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	81.819014	6.76E-07	1.060340
.000000	1.378437	.000000	
0.25000	81.819014	6.76E-07	1.060340
.000000	1.033860	.000000	
0.50000	81.819014	6.76E-07	1.060340
.000000	0.689233	.000000	
0.75000	81.819014	6.76E-07	1.060340
.000000	0.344643	.000000	
1.00000	81.819014	6.76E-07	1.060340
.000000	.000000	.000000	

COMB DL-G2-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1201.796	-4.12E-07	-1.054074
.000000	-1.370296	.000000	
0.25000	-1201.796	-4.12E-07	-1.054074
.000000	-1.027722	.000000	
0.50000	-1201.796	-4.12E-07	-1.054074
.000000	-0.685160	.000000	
0.75000	-1201.796	-4.12E-07	-1.054074
.000000	-0.342571	.000000	
1.00000	-1201.796	-4.12E-07	-1.054074
.000000	.000000	.000000	

COMB DL-G2-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	141.780454	7.60E-05	3.934866
.000000	5.115326	.000000	
0.25000	141.780454	7.60E-05	3.934866
.000000	3.836537	.000000	
0.50000	141.780454	7.60E-05	3.934866
.000000	2.557670	.000000	
0.75000	141.780454	7.60E-05	3.934866
.000000	1.278851	.000000	
1.00000	141.780454	7.60E-05	3.934866
.000000	.000000	.000000	

COMB DL-G2-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1847.772	-6.40E-05	-4.248692
.000000	-5.523328	.000000	
0.25000	-1847.772	-6.40E-05	-4.248692
.000000	-4.142496	.000000	
0.50000	-1847.772	-6.40E-05	-4.248692
.000000	-2.761654	.000000	
0.75000	-1847.772	-6.40E-05	-4.248692
.000000	-1.380784	.000000	
1.00000	-1847.772	-6.40E-05	-4.248692
.000000	.000000	.000000	

COMB DL-G2-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	169.250881	7.60E-05	5.036944
.000000	6.548035	.000000	
0.25000	169.250881	7.60E-05	5.036944
.000000	4.911066	.000000	
0.50000	169.250881	7.60E-05	5.036944
.000000	3.274023	.000000	
0.75000	169.250881	7.60E-05	5.036944
.000000	1.636994	.000000	
1.00000	169.250881	7.60E-05	5.036944
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1839.676	-6.41E-05	-5.650078
.000000	-7.345107	.000000	
0.25000	-1839.676	-6.41E-05	-5.650078
.000000	-5.508831	.000000	
0.50000	-1839.676	-6.41E-05	-5.650078
.000000	-3.672551	.000000	
0.75000	-1839.676	-6.41E-05	-5.650078
.000000	-1.836184	.000000	
1.00000	-1839.676	-6.41E-05	-5.650078
.000000	.000000	.000000	

COMB DB ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	120.060378	0.000104	3.912913
.000000	5.086787	.000000	
0.25000	120.060378	0.000104	3.912913
.000000	3.815090	.000000	
0.50000	120.060378	0.000104	3.912913
.000000	2.543393	.000000	
0.75000	120.060378	0.000104	3.912913
.000000	1.271697	.000000	
1.00000	120.060378	0.000104	3.912913
.000000	.000000	.000000	

COMB DB ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-821.213226	-8.79E-05	-4.719066
.000000	-6.134785	.000000	
0.25000	-821.213226	-8.79E-05	-4.719066
.000000	-4.601089	.000000	
0.50000	-821.213226	-8.79E-05	-4.719066
.000000	-3.067393	.000000	
0.75000	-821.213226	-8.79E-05	-4.719066
.000000	-1.533696	.000000	
1.00000	-821.213226	-8.79E-05	-4.719066
.000000	.000000	.000000	

COMB DL ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	169.250881	0.000103	5.416333
.000000	7.041234	.000000	
0.25000	169.250881	0.000103	5.416333
.000000	5.280914	.000000	
0.50000	169.250881	0.000103	5.416333
.000000	3.520583	.000000	
0.75000	169.250881	0.000103	5.416333
.000000	1.760227	.000000	
1.00000	169.250881	0.000103	5.416333
.000000	.000000	.000000	

COMB DL ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1847.772	-8.59E-05	-6.245562
.000000	-8.119236	.000000	
0.25000	-1847.772	-8.59E-05	-6.245562
.000000	-6.089419	.000000	
0.50000	-1847.772	-8.59E-05	-6.245562
.000000	-4.059585	.000000	
0.75000	-1847.772	-8.59E-05	-6.245562
.000000	-2.029777	.000000	
1.00000	-1847.772	-8.59E-05	-6.245562
.000000	.000000	.000000	

COMB CAR ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	169.250881	0.000104	5.416333
.000000	7.041234	.000000	
0.25000	169.250881	0.000104	5.416333
.000000	5.280914	.000000	
0.50000	169.250881	0.000104	5.416333
.000000	3.520583	.000000	
0.75000	169.250881	0.000104	5.416333
.000000	1.760227	.000000	
1.00000	169.250881	0.000104	5.416333
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1847.772	-8.79E-05	-6.245562
.000000	-8.119236	.000000	
0.25000	-1847.772	-8.79E-05	-6.245562
.000000	-6.089419	.000000	
0.50000	-1847.772	-8.79E-05	-6.245562
.000000	-4.059585	.000000	
0.75000	-1847.772	-8.79E-05	-6.245562
.000000	-2.029777	.000000	
1.00000	-1847.772	-8.79E-05	-6.245562
.000000	.000000	.000000	

COMB DESIGN ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	169.250881	0.000104	5.416333
.000000	7.041234	.000000	
0.25000	169.250881	0.000104	5.416333
.000000	5.280914	.000000	
0.50000	169.250881	0.000104	5.416333
.000000	3.520583	.000000	
0.75000	169.250881	0.000104	5.416333
.000000	1.760227	.000000	
1.00000	169.250881	0.000104	5.416333
.000000	.000000	.000000	

COMB DESIGN ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1847.772	-8.79E-05	-6.245562
.000000	-8.119236	.000000	
0.25000	-1847.772	-8.79E-05	-6.245562
.000000	-6.089419	.000000	
0.50000	-1847.772	-8.79E-05	-6.245562
.000000	-4.059585	.000000	
0.75000	-1847.772	-8.79E-05	-6.245562
.000000	-2.029777	.000000	
1.00000	-1847.772	-8.79E-05	-6.245562
.000000	.000000	.000000	

ELEM 174 ========== LENGTH = 1.300000

COMB DB-G1-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	33.387165	6.448749	0.711332
.000000	0.924732	8.383374	
0.25000	33.387165	6.448749	0.711332
.000000	0.693549	6.287531	
0.50000	33.387165	6.448749	0.711332
.000000	0.462366	4.191687	
0.75000	33.387165	6.448749	0.711332
.000000	0.231183	2.095844	
1.00000	33.387165	6.448749	0.711332
.000000	.000000	.000000	

COMB DB-G1-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-34.395716	-6.492877	-0.866369
.000000	-1.126280	-8.440740	
0.25000	-34.395716	-6.492877	-0.866369
.000000	-0.844710	-6.330555	
0.50000	-34.395716	-6.492877	-0.866369
.000000	-0.563139	-4.220370	
0.75000	-34.395716	-6.492877	-0.866369
.000000	-0.281570	-2.110185	
1.00000	-34.395716	-6.492877	-0.866369
.000000	.000000	.000000	

COMB DB-G1-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	71.217140	7.946287	2.983188
.000000	3.878145	10.330173	
0.25000	71.217140	7.946287	2.983188
.000000	2.908609	7.747627	
0.50000	71.217140	7.946287	2.983188
.000000	1.939072	5.165085	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	71.217140	7.946287	2.983188
.000000	0.969536	2.582542	
1.00000	71.217140	7.946287	2.983188
.000000	.000000	.000000	

COMB DB-G1-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-226.850853	-7.967751	-3.491339
.000000	-4.538741	-10.358076	
0.25000	-226.850853	-7.967751	-3.491339
.000000	-3.404056	-7.768557	
0.50000	-226.850853	-7.967751	-3.491339
.000000	-2.269370	-5.179038	
0.75000	-226.850853	-7.967751	-3.491339
.000000	-1.134685	-2.589521	
1.00000	-226.850853	-7.967751	-3.491339
.000000	.000000	.000000	

COMB DB-G1-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	109.235292	11.388099	4.044328
.000000	5.257626	14.804529	
0.25000	109.235292	11.388099	4.044328
.000000	3.943220	11.103394	
0.50000	109.235292	11.388099	4.044328
.000000	2.628813	7.402263	
0.75000	109.235292	11.388099	4.044328
.000000	1.314374	3.701131	
1.00000	109.235292	11.388099	4.044328
.000000	.000000	.000000	

COMB DB-G1-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-587.857211	-11.350926	-4.788270
.000000	-6.224751	-14.756203	
0.25000	-587.857211	-11.350926	-4.788270
.000000	-4.668528	-11.067152	
0.50000	-587.857211	-11.350926	-4.788270
.000000	-3.112352	-7.378102	
0.75000	-587.857211	-11.350926	-4.788270
.000000	-1.556176	-3.689053	
1.00000	-587.857211	-11.350926	-4.788270
.000000	.000000	.000000	

COMB DB-G2-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	57.369475	6.975130	1.095969
.000000	1.424759	9.067669	
0.25000	57.369475	6.975130	1.095969
.000000	1.068569	6.800752	
0.50000	57.369475	6.975130	1.095969
.000000	0.712379	4.533834	
0.75000	57.369475	6.975130	1.095969
.000000	0.356190	2.266917	
1.00000	57.369475	6.975130	1.095969
.000000	.000000	.000000	

COMB DB-G2-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-536.775249	-6.776232	-0.980612
.000000	-1.274795	-8.809101	
0.25000	-536.775249	-6.776232	-0.980612
.000000	-0.956096	-6.606826	
0.50000	-536.775249	-6.776232	-0.980612
.000000	-0.637397	-4.404551	
0.75000	-536.775249	-6.776232	-0.980612
.000000	-0.318699	-2.202275	
1.00000	-536.775249	-6.776232	-0.980612
.000000	.000000	.000000	

COMB DB-G2-2 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	99.554918	8.558840	3.106961
.000000	4.039049	11.126492	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	99.554918	8.558840	3.106961
.000000	3.029287	8.344866	
0.50000	99.554918	8.558840	3.106961
.000000	2.019525	5.563244	
0.75000	99.554918	8.558840	3.106961
.000000	1.009762	2.781622	
1.00000	99.554918	8.558840	3.106961
.000000	.000000	.000000	

COMB DB-G2-2 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-821.182269	-8.345807	-3.469862
.000000	-4.510821	-10.849549	
0.25000	-821.182269	-8.345807	-3.469862
.000000	-3.383116	-8.137161	
0.50000	-821.182269	-8.345807	-3.469862
.000000	-2.255410	-5.424774	
0.75000	-821.182269	-8.345807	-3.469862
.000000	-1.127705	-2.712389	
1.00000	-821.182269	-8.345807	-3.469862
.000000	.000000	.000000	

COMB DB-G2-3 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	120.109259	11.634693	3.823244
.000000	4.970217	15.125101	
0.25000	120.109259	11.634693	3.823244
.000000	3.727663	11.343823	
0.50000	120.109259	11.634693	3.823244
.000000	2.485108	7.562549	
0.75000	120.109259	11.634693	3.823244
.000000	1.242554	3.781274	
1.00000	120.109259	11.634693	3.823244
.000000	.000000	.000000	

COMB DB-G2-3 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-816.829377	-11.438558	-4.297580
.000000	-5.586854	-14.870125	
0.25000	-816.829377	-11.438558	-4.297580
.000000	-4.190146	-11.152594	
0.50000	-816.829377	-11.438558	-4.297580
.000000	-2.793431	-7.435063	
0.75000	-816.829377	-11.438558	-4.297580
.000000	-1.396715	-3.717534	
1.00000	-816.829377	-11.438558	-4.297580
.000000	.000000	.000000	

COMB DL-G1-1 ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	50.135082	8.228670	1.298966
.000000	1.688670	10.697271	
0.25000	50.135082	8.228670	1.298966
.000000	1.266518	8.022953	
0.50000	50.135082	8.228670	1.298966
.000000	0.844373	5.348635	
0.75000	50.135082	8.228670	1.298966
.000000	0.422188	2.674336	
1.00000	50.135082	8.228670	1.298966
.000000	.000000	.000000	

COMB DL-G1-1 ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-55.457433	-9.042671	-1.151377
.000000	-1.496797	-11.755473	
0.25000	-55.457433	-9.042671	-1.151377
.000000	-1.122588	-8.816604	
0.50000	-55.457433	-9.042671	-1.151377
.000000	-0.748392	-5.877736	
0.75000	-55.457433	-9.042671	-1.151377
.000000	-0.374197	-2.938891	
1.00000	-55.457433	-9.042671	-1.151377

.000000 .000000 .000000
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	99.282791	10.014102	4.455007
.000000	5.791556	13.018335	
0.25000	99.282791	10.014102	4.455007
.000000	4.343667	9.763765	
0.50000	99.282791	10.014102	4.455007
.000000	2.895747	6.509179	
0.75000	99.282791	10.014102	4.455007
.000000	1.447861	3.254629	
1.00000	99.282791	10.014102	4.455007
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-503.757814	-10.845698	-4.615276
.000000	-5.999844	-14.099408	
0.25000	-503.757814	-10.845698	-4.615276
.000000	-4.499898	-10.574556	
0.50000	-503.757814	-10.845698	-4.615276
.000000	-2.999932	-7.049729	
0.75000	-503.757814	-10.845698	-4.615276
.000000	-1.499952	-3.524902	
1.00000	-503.757814	-10.845698	-4.615276
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	153.512675	14.936995	5.848603
.000000	7.603240	19.418095	
0.25000	153.512675	14.936995	5.848603
.000000	5.702430	14.563585	
0.50000	153.512675	14.936995	5.848603
.000000	3.801583	9.709059	
0.75000	153.512675	14.936995	5.848603
.000000	1.900770	4.854583	
1.00000	153.512675	14.936995	5.848603
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-1307.616	-15.052929	-6.415860
.000000	-8.340605	-19.568809	
0.25000	-1307.616	-15.052929	-6.415860
.000000	-6.255423	-14.676607	
0.50000	-1307.616	-15.052929	-6.415860
.000000	-4.170305	-9.784429	
0.75000	-1307.616	-15.052929	-6.415860
.000000	-2.085157	-4.892251	
1.00000	-1307.616	-15.052929	-6.415860
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	81.843586	9.878309	1.410944
.000000	1.834228	12.841802	
0.25000	81.843586	9.878309	1.410944
.000000	1.375683	9.631352	
0.50000	81.843586	9.878309	1.410944
.000000	0.917102	6.420901	
0.75000	81.843586	9.878309	1.410944
.000000	0.458595	3.210419	
1.00000	81.843586	9.878309	1.410944
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-1201.850	-8.758850	-1.736266
.000000	-2.257145	-11.386505	
0.25000	-1201.850	-8.758850	-1.736266
.000000	-1.692869	-8.539879	
0.50000	-1201.850	-8.758850	-1.736266
.000000	-1.128576	-5.693253	
0.75000	-1201.850	-8.758850	-1.736266
.000000	-0.564271	-2.846622	
1.00000	-1201.850	-8.758850	-1.736266
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	141.838355	11.920470	4.323889
.000000	5.621046	15.496612	
0.25000	141.838355	11.920470	4.323889
.000000	4.215791	11.622473	
0.50000	141.838355	11.920470	4.323889
.000000	2.810528	7.748317	
0.75000	141.838355	11.920470	4.323889
.000000	1.405279	3.874214	
1.00000	141.838355	11.920470	4.323889
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-1847.834	-10.553677	-5.114381
.000000	-6.648682	-13.719780	
0.25000	-1847.834	-10.553677	-5.114381
.000000	-4.986511	-10.289835	
0.50000	-1847.834	-10.553677	-5.114381
.000000	-3.324378	-6.859915	
0.75000	-1847.834	-10.553677	-5.114381
.000000	-1.662205	-3.429965	
1.00000	-1847.834	-10.553677	-5.114381
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	169.311949	15.699195	5.614971
.000000	7.299416	20.408955	
0.25000	169.311949	15.699195	5.614971
.000000	5.474589	15.306730	
0.50000	169.311949	15.699195	5.614971
.000000	3.649708	10.204489	
0.75000	169.311949	15.699195	5.614971
.000000	1.824825	5.102279	
1.00000	169.311949	15.699195	5.614971
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-1839.672	-14.876151	-6.330729
.000000	-8.229920	-19.338998	
0.25000	-1839.672	-14.876151	-6.330729
.000000	-6.172425	-14.504248	
0.50000	-1839.672	-14.876151	-6.330729
.000000	-4.114953	-9.669523	
0.75000	-1839.672	-14.876151	-6.330729
.000000	-2.057487	-4.834755	
1.00000	-1839.672	-14.876151	-6.330729
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST	T	P M2	V M3
0.00000	120.109259	11.634693	4.044328
.000000	5.257626	15.125101	
0.25000	120.109259	11.634693	4.044328
.000000	3.943220	11.343823	
0.50000	120.109259	11.634693	4.044328
.000000	2.628813	7.562549	
0.75000	120.109259	11.634693	4.044328
.000000	1.314374	3.781274	
1.00000	120.109259	11.634693	4.044328
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-821.182269	-11.438558	-4.788270
.000000	-6.224751	-14.870125	
0.25000	-821.182269	-11.438558	-4.788270
.000000	-4.668528	-11.152594	
0.50000	-821.182269	-11.438558	-4.788270
.000000	-3.112352	-7.435063	
0.75000	-821.182269	-11.438558	-4.788270
.000000	-1.556176	-3.717534	
1.00000	-821.182269	-11.438558	-4.788270
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	T	P M2	V M3
0.00000	169.311949	15.699195	5.848603
.000000	7.603240	20.408955	
0.25000	169.311949	15.699195	5.848603
.000000	5.702430	15.306730	
0.50000	169.311949	15.699195	5.848603
.000000	3.801583	10.204489	
0.75000	169.311949	15.699195	5.848603
.000000	1.900770	5.102279	
1.00000	169.311949	15.699195	5.848603
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-1847.834	-15.052929	-6.415860
.000000	-8.340605	-19.568809	
0.25000	-1847.834	-15.052929	-6.415860
.000000	-6.255423	-14.676607	
0.50000	-1847.834	-15.052929	-6.415860
.000000	-4.170305	-9.784429	
0.75000	-1847.834	-15.052929	-6.415860
.000000	-2.085157	-4.892251	
1.00000	-1847.834	-15.052929	-6.415860
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST	T	P M2	V M3
0.00000	169.311949	15.699195	5.848603
.000000	7.603240	20.408955	
0.25000	169.311949	15.699195	5.848603
.000000	5.702430	15.306730	
0.50000	169.311949	15.699195	5.848603
.000000	3.801583	10.204489	
0.75000	169.311949	15.699195	5.848603
.000000	1.900770	5.102279	
1.00000	169.311949	15.699195	5.848603
.000000	.000000	.000000	

COMB CAR ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-1847.834	-15.052929	-6.415860
.000000	-8.340605	-19.568809	
0.25000	-1847.834	-15.052929	-6.415860
.000000	-6.255423	-14.676607	
0.50000	-1847.834	-15.052929	-6.415860
.000000	-4.170305	-9.784429	
0.75000	-1847.834	-15.052929	-6.415860
.000000	-2.085157	-4.892251	
1.00000	-1847.834	-15.052929	-6.415860
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST	T	P M2	V M3
0.00000	169.311949	15.699195	5.848603
.000000	7.603240	20.408955	
0.25000	169.311949	15.699195	5.848603
.000000	5.702430	15.306730	
0.50000	169.311949	15.699195	5.848603
.000000	3.801583	10.204489	
0.75000	169.311949	15.699195	5.848603
.000000	1.900770	5.102279	
1.00000	169.311949	15.699195	5.848603
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-1847.834	-15.052929	-6.415860
.000000	-8.340605	-19.568809	
0.25000	-1847.834	-15.052929	-6.415860
.000000	-6.255423	-14.676607	
0.50000	-1847.834	-15.052929	-6.415860
.000000	-4.170305	-9.784429	
0.75000	-1847.834	-15.052929	-6.415860
.000000	-2.085157	-4.892251	
1.00000	-1847.834	-15.052929	-6.415860
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

ELEM 175 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	16.616458	0.021830	0.598526
.000000	0.718231	0.026124	
0.25000	16.616458	0.021830	0.598526
.000000	0.538673	0.019569	
0.50000	16.616458	0.021830	0.598526
.000000	0.359115	0.012928	
0.75000	16.616458	0.021830	0.598526
.000000	0.179557	0.006260	
1.00000	16.616458	0.021830	0.598526
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-13.101194	-0.013398	-0.366714
.000000	-0.440063	-0.016030	
0.25000	-13.101194	-0.013398	-0.366714
.000000	-0.330051	-0.012040	
0.50000	-13.101194	-0.013398	-0.366714
.000000	-0.220034	-0.007976	
0.75000	-13.101194	-0.013398	-0.366714
.000000	-0.109890	-0.003916	
1.00000	-13.101194	-0.013398	-0.366714
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	37.402817	0.061001	1.672507
.000000	2.007008	0.073045	
0.25000	37.402817	0.061001	1.672507
.000000	1.505256	0.054716	
0.50000	37.402817	0.061001	1.672507
.000000	1.003504	0.036506	
0.75000	37.402817	0.061001	1.672507
.000000	0.501752	0.017840	
1.00000	37.402817	0.061001	1.672507
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-177.930378	-0.034732	-0.952605
.000000	-1.143126	-0.041379	
0.25000	-177.930378	-0.034732	-0.952605
.000000	-0.857345	-0.031034	
0.50000	-177.930378	-0.034732	-0.952605
.000000	-0.571482	-0.020560	
0.75000	-177.930378	-0.034732	-0.952605
.000000	-0.285700	-0.010199	
1.00000	-177.930378	-0.034732	-0.952605
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	60.674414	0.080382	2.203870
.000000	2.644633	0.096298	
0.25000	60.674414	0.080382	2.203870
.000000	1.983438	0.072160	
0.50000	60.674414	0.080382	2.203870
.000000	1.322292	0.048134	
0.75000	60.674414	0.080382	2.203870
.000000	0.661146	0.023675	
1.00000	60.674414	0.080382	2.203870
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-519.652498	-0.045339	-1.243074
.000000	-1.491688	-0.054235	
0.25000	-519.652498	-0.045339	-1.243074
.000000	-1.118766	-0.040607	
0.50000	-519.652498	-0.045339	-1.243074
.000000	-0.745830	-0.026937	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V M3
0.75000	-519.652498	-0.045339	-1.243074
.000000	-0.372823	-0.013639	
1.00000	-519.652498	-0.045339	-1.243074
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	34.878225	0.023645	0.648573
.000000	0.778287	0.028240	
0.25000	34.878225	0.023645	0.648573
.000000	0.583715	0.021073	
0.50000	34.878225	0.023645	0.648573
.000000	0.389144	0.013925	
0.75000	34.878225	0.023645	0.648573
.000000	0.194558	0.006867	
1.00000	34.878225	0.023645	0.648573
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-503.277900	-0.026277	-0.720391
.000000	-0.864470	-0.031455	
0.25000	-503.277900	-0.026277	-0.720391
.000000	-0.648352	-0.023538	
0.50000	-503.277900	-0.026277	-0.720391
.000000	-0.432235	-0.015656	
0.75000	-503.277900	-0.026277	-0.720391
.000000	-0.216117	-0.007622	
1.00000	-503.277900	-0.026277	-0.720391
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	59.045449	0.060864	1.669003
.000000	2.002804	0.072744	
0.25000	59.045449	0.060864	1.669003
.000000	1.502103	0.054472	
0.50000	59.045449	0.060864	1.669003
.000000	1.001380	0.036204	
0.75000	59.045449	0.060864	1.669003
.000000	0.500597	0.017926	
1.00000	59.045449	0.060864	1.669003
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-769.210777	-0.048050	-1.317346
.000000	-1.580815	-0.057585	
0.25000	-769.210777	-0.048050	-1.317346
.000000	-1.185611	-0.043125	
0.50000	-769.210777	-0.048050	-1.317346
.000000	-0.790408	-0.028565	
0.75000	-769.210777	-0.048050	-1.317346
.000000	-0.395204	-0.014138	
1.00000	-769.210777	-0.048050	-1.317346
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	68.892342	0.077443	2.123509
.000000	2.548222	0.092622	
0.25000	68.892342	0.077443	2.123509
.000000	1.911167	0.069388	
0.50000	68.892342	0.077443	2.123509
.000000	1.274088	0.046047	
0.75000	68.892342	0.077443	2.123509
.000000	0.637018	0.022669	
1.00000	68.892342	0.077443	2.123509
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-751.446259	-0.054999	-1.508115
.000000	-1.809720	-0.065858	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V M3
0.25000	-751.446259	-0.054999	-1.508115
.000000	-1.357290	-0.049225	
0.50000	-751.446259	-0.054999	-1.508115
.000000	-0.904831	-0.032570	
0.75000	-751.446259	-0.054999	-1.508115
.000000	-0.452411	-0.016163	
1.00000	-751.446259	-0.054999	-1.508115
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	30.822174	0.028862	0.791021
.000000	0.949221	0.034684	
0.25000	30.822174	0.028862	0.791021
.000000	0.711927	0.026345	
0.50000	30.822174	0.028862	0.791021
.000000	0.474612	0.017293	
0.75000	30.822174	0.028862	0.791021
.000000	0.237321	0.008333	
1.00000	30.822174	0.028862	0.791021
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-17.501345	-0.028588	-0.783975
.000000	-0.940820	-0.033518	
0.25000	-17.501345	-0.028588	-0.783975
.000000	-0.705553	-0.024877	
0.50000	-17.501345	-0.028588	-0.783975
.000000	-0.470328	-0.015949	
0.75000	-17.501345	-0.028588	-0.783975
.000000	-0.235061	-0.007498	
1.00000	-17.501345	-0.028588	-0.783975
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	51.484385	0.078210	2.143704
.000000	2.572449	0.094530	
0.25000	51.484385	0.078210	2.143704
.000000	1.929329	0.070712	
0.50000	51.484385	0.078210	2.143704
.000000	1.286250	0.047034	
0.75000	51.484385	0.078210	2.143704
.000000	0.643205	0.023235	
1.00000	51.484385	0.078210	2.143704
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-217.406446	-0.065103	-1.785065
.000000	-2.142065	-0.077120	
0.25000	-217.406446	-0.065103	-1.785065
.000000	-1.606515	-0.057055	
0.50000	-217.406446	-0.065103	-1.785065
.000000	-1.070968	-0.037149	
0.75000	-217.406446	-0.065103	-1.785065
.000000	-0.535432	-0.018145	
1.00000	-217.406446	-0.065103	-1.785065
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V M3
0.00000	83.560503	0.108149	2.964636
.000000	3.557559	0.130303	
0.25000	83.560503	0.108149	2.964636
.000000	2.668152	0.097815	
0.50000	83.560503	0.108149	2.964636
.000000	1.778792	0.065050	
0.75000	83.560503	0.108149	2.964636
.000000	0.889378	0.032039	
1.00000	83.560503	0.108149	2.964636
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V M3
0.00000	-611.172473	-0.084213	-2.308756

```
.000000    -2.770513    -0.099786
0.25000  -611.172473    -0.084213    -2.308756
.000000    -2.077835    -0.074552
0.50000  -611.172473    -0.084213    -2.308756
.000000    -1.385220    -0.049191
0.75000  -611.172473    -0.084213    -2.308756
.000000    -0.692610    -0.024252
1.00000  -611.172473    -0.084213    -2.308756
.000000     .000000     .000000

COMB DL-G2-1 ------------------- MAX

REL_DIST             P            V2            V3
     T           M2           M3
0.00000     47.942105     0.042069     1.152527
.000000     1.383077     0.049434
0.25000     47.942105     0.042069     1.152527
.000000     1.037279     0.036736
0.50000     47.942105     0.042069     1.152527
.000000     0.691529     0.024068
0.75000     47.942105     0.042069     1.152527
.000000     0.345760     0.010703
1.00000     47.942105     0.042069     1.152527
.000000     .000000     .000000

COMB DL-G2-1 ------------------- MIN

REL_DIST             P            V2            V3
     T           M2           M3
0.00000  -587.103280    -0.033809    -0.926870
.000000    -1.112232    -0.040531
0.25000  -587.103280    -0.033809    -0.926870
.000000    -0.834172    -0.030599
0.50000  -587.103280    -0.033809    -0.926870
.000000    -0.556106    -0.020093
0.75000  -587.103280    -0.033809    -0.926870
.000000    -0.278045    -0.009703
1.00000  -587.103280    -0.033809    -0.926870
.000000     .000000     .000000

COMB DL-G2-2 ------------------- MAX

REL_DIST             P            V2            V3
     T           M2           M3
0.00000     81.257546     0.091544     2.510834
.000000     3.012949     0.109212
0.25000     81.257546     0.091544     2.510834
.000000     2.259758     0.081428
0.50000     81.257546     0.091544     2.510834
.000000     1.506562     0.054286
0.75000     81.257546     0.091544     2.510834
.000000     0.753100     0.026433
1.00000     81.257546     0.091544     2.510834
.000000     .000000     .000000

COMB DL-G2-2 ------------------- MIN

REL_DIST             P            V2            V3
     T           M2           M3
0.00000  -897.040148    -0.068895    -1.887977
.000000    -2.265586    -0.083054
0.25000  -897.040148    -0.068895    -1.887977
.000000    -1.699183    -0.062347
0.50000  -897.040148    -0.068895    -1.887977
.000000    -1.132764    -0.042515
0.75000  -897.040148    -0.068895    -1.887977
.000000    -0.566487    -0.021327
1.00000  -897.040148    -0.068895    -1.887977
.000000     .000000     .000000

COMB DL-G2-3 ------------------- MAX

REL_DIST             P            V2            V3
     T           M2           M3
0.00000     93.851266     0.110920     3.041351
.000000     3.649551     0.132521
0.25000     93.851266     0.110920     3.041351
.000000     2.737164     0.098897
0.50000     93.851266     0.110920     3.041351
.000000     1.824852     0.065714
0.75000     93.851266     0.110920     3.041351
.000000     0.912469     0.032036
1.00000     93.851266     0.110920     3.041351
.000000     .000000     .000000
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COMB DL-G2-3 ------------------- MIN

REL_DIST             P            V2            V3
     T           M2           M3
0.00000  -879.827335    -0.085488    -2.345009
.000000    -2.813979    -0.101879
0.25000  -879.827335    -0.085488    -2.345009
.000000    -2.110481    -0.076155
0.50000  -879.827335    -0.085488    -2.345009
.000000    -1.406935    -0.051352
0.75000  -879.827335    -0.085488    -2.345009
.000000    -0.703395    -0.025487
1.00000  -879.827335    -0.085488    -2.345009
.000000     .000000     .000000

COMB      DB ------------------- MAX

REL_DIST             P            V2            V3
     T           M2           M3
0.00000     68.892342     0.080382     2.203870
.000000     2.644633     0.096298
0.25000     68.892342     0.080382     2.203870
.000000     1.983438     0.072160
0.50000     68.892342     0.080382     2.203870
.000000     1.322292     0.048134
0.75000     68.892342     0.080382     2.203870
.000000     0.661146     0.023675
1.00000     68.892342     0.080382     2.203870
.000000     .000000     .000000

COMB      DB ------------------- MIN

REL_DIST             P            V2            V3
     T           M2           M3
0.00000  -769.210777    -0.054999    -1.508115
.000000    -1.809720    -0.065858
0.25000  -769.210777    -0.054999    -1.508115
.000000    -1.357290    -0.049225
0.50000  -769.210777    -0.054999    -1.508115
.000000    -0.904831    -0.032570
0.75000  -769.210777    -0.054999    -1.508115
.000000    -0.452411    -0.016163
1.00000  -769.210777    -0.054999    -1.508115
.000000     .000000     .000000

COMB      DL ------------------- MAX

REL_DIST             P            V2            V3
     T           M2           M3
0.00000     93.851266     0.110920     3.041351
.000000     3.649551     0.132521
0.25000     93.851266     0.110920     3.041351
.000000     2.737164     0.098897
0.50000     93.851266     0.110920     3.041351
.000000     1.824852     0.065714
0.75000     93.851266     0.110920     3.041351
.000000     0.912469     0.032039
1.00000     93.851266     0.110920     3.041351
.000000     .000000     .000000

COMB      DL ------------------- MIN

REL_DIST             P            V2            V3
     T           M2           M3
0.00000  -897.040148    -0.085488    -2.345009
.000000    -2.813979    -0.101879
0.25000  -897.040148    -0.085488    -2.345009
.000000    -2.110481    -0.076155
0.50000  -897.040148    -0.085488    -2.345009
.000000    -1.406935    -0.051352
0.75000  -897.040148    -0.085488    -2.345009
.000000    -0.703395    -0.025487
1.00000  -897.040148    -0.085488    -2.345009
.000000     .000000     .000000

COMB      CAR ------------------- MAX

REL_DIST             P            V2            V3
     T           M2           M3
0.00000     93.851266     0.110920     3.041351
.000000     3.649551     0.132521
0.25000     93.851266     0.110920     3.041351
.000000     2.737164     0.098897
0.50000     93.851266     0.110920     3.041351
.000000     1.824852     0.065714
0.75000     93.851266     0.110920     3.041351
.000000     0.912469     0.032039
1.00000     93.851266     0.110920     3.041351
.000000     .000000     .000000
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COMB      CAR ------------------- MIN

REL_DIST             P            V2            V3
     T           M2           M3
0.00000  -897.040148    -0.085488    -2.345009
.000000    -2.813979    -0.101879
0.25000  -897.040148    -0.085488    -2.345009
.000000    -2.110481    -0.076155
0.50000  -897.040148    -0.085488    -2.345009
.000000    -1.406935    -0.051352
0.75000  -897.040148    -0.085488    -2.345009
.000000    -0.703395    -0.025487
1.00000  -897.040148    -0.085488    -2.345009
.000000     .000000     .000000

COMB  DESIGN ------------------- MAX

REL_DIST             P            V2            V3
     T           M2           M3
0.00000     93.851266     0.110920     3.041351
.000000     3.649551     0.132521
0.25000     93.851266     0.110920     3.041351
.000000     2.737164     0.098897
0.50000     93.851266     0.110920     3.041351
.000000     1.824852     0.065714
0.75000     93.851266     0.110920     3.041351
.000000     0.912469     0.032039
1.00000     93.851266     0.110920     3.041351
.000000     .000000     .000000

COMB  DESIGN ------------------- MIN

REL_DIST             P            V2            V3
     T           M2           M3
0.00000  -897.040148    -0.085488    -2.345009
.000000    -2.813979    -0.101879
0.25000  -897.040148    -0.085488    -2.345009
.000000    -2.110481    -0.076155
0.50000  -897.040148    -0.085488    -2.345009
.000000    -1.406935    -0.051352
0.75000  -897.040148    -0.085488    -2.345009
.000000    -0.703395    -0.025487
1.00000  -897.040148    -0.085488    -2.345009
.000000     .000000     .000000
                    S A P 2 0 0 0 (R)

                  Structural  Analysis
Programs

                  Nonlinear Version 7.42


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          It is the responsibility of the user to
verify all
          results  produced  by  this
program

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D I S P L A C E M E N T   D E G R E E S   O
F   F R E E D O M

      (A) = Active DOF, equilibrium equation
      (-) = Restrained DOF, reaction computed
      (+) = Constrained DOF
      (>) = External substructure DOF
      ( ) = Null DOF

 JOINTS              U1  U2  U3  R1  R2  R3
     1 TO      102    A   A   A   A   A   A
   103 TO      104    A   A   -   A   A   A
   105               -   A   -   A   A   A
   106               A   A   -   A   A   A
   107 TO      108    A   -   -   A   A   A
   109               -   -   -   A   A   A
   110               A   -   -   A   A   A
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T O T A L   A S S E M B L E D   J O I N T   M
A S S E S

 IN GLOBAL COORDINATES

                  UX           UY           UZ
   RX           RY           RZ
 TOTAL       .000000      .000000      .000000
.000000      .000000      .000000


T O T A L   A C C E L E R A T E D   M A S S
A N D   L O C A T I O N

TOTAL MASS ACTIVATED BY ACCELERATION
LOADS, IN GLOBAL COORDINATES

                  UX           UY           UZ
    MASS      .000000      .000000      .000000
   X-LOC      .000000      .000000      .000000
   Y-LOC      .000000      .000000      .000000
   Z-LOC      .000000      .000000      .000000
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J O I N T   D I S P L A C E M E N T S

TRANSLATIONS  AND  ROTATIONS,  IN  LOCAL
COORDINATES

LOAD    -P4 ------------------

  JOINT             U1           U2           U3
     R1           R2           R3
      1    -0.000220     1.40E-05    -0.010000
-1.29E-05    -0.000238     8.41E-08
      2    -0.000193     1.29E-05    -0.008937
-1.26E-05    -0.000236     7.24E-08
      3    -0.000163     1.16E-05    -0.007773
-1.21E-05    -0.000231     5.56E-08
      4    -0.000133     1.03E-05    -0.006639
-1.15E-05    -0.000225     4.07E-08
      5    -0.000105     9.08E-06    -0.005542
-1.07E-05    -0.000216     2.79E-08
      6    -7.80E-05     7.86E-06    -0.004490
-9.84E-06    -0.000206     1.62E-08
      7    -5.25E-05     6.72E-06    -0.003497
-8.79E-06    -0.000193     5.52E-09
      8    -2.87E-05     5.66E-06    -0.002576
-7.54E-06    -0.000177    -4.89E-09
      9    -7.49E-06     4.73E-06    -0.001750
-6.06E-06    -0.000155    -1.63E-08
     10     1.08E-05     3.94E-06    -0.001043
-4.49E-06    -0.000129    -2.86E-08
     11     2.56E-05     3.29E-06    -0.000464
-3.15E-06    -0.000104    -3.83E-08
     12     3.75E-05     2.74E-06    -1.57E-08
-2.15E-06    -8.29E-05    -4.38E-08
     13     4.69E-05     2.29E-06     0.000363
-1.74E-06    -6.38E-05    -3.81E-08
     14     5.39E-05     1.91E-06     0.000635
-1.52E-06    -4.54E-05    -2.86E-08
     15     5.83E-05     1.61E-06     0.000811
-1.42E-06    -2.51E-05    -1.66E-08
     16     6.02E-05     1.38E-06     0.000886
-1.39E-06    -5.47E-06    -4.43E-09
     17     5.98E-05     1.20E-06     0.000872
-1.37E-06     1.03E-05     4.93E-09
     18     5.75E-05     1.07E-06     0.000790
-1.33E-06     2.22E-05     1.02E-08
     19     5.41E-05     9.58E-07     0.000658
-1.24E-06     3.03E-05     1.13E-08
     20     4.98E-05     8.59E-07     0.000495
-1.09E-06     3.45E-05     8.81E-09
     21     4.52E-05     7.64E-07     0.000321
-9.03E-07     3.49E-05     4.12E-09
     22     4.08E-05     6.68E-07     0.000152
-6.95E-07     3.27E-05    -1.18E-09
     23     3.68E-05     5.74E-07     9.13E-09
-4.70E-07     2.83E-05    -6.06E-09
     24     3.35E-05     4.91E-07    -0.000126
-2.04E-07     2.24E-05    -1.02E-08
     25     3.11E-05     4.25E-07    -0.000220
9.38E-08     1.55E-05    -1.33E-08
     26     2.96E-05     3.85E-07    -0.000279
3.98E-07     8.34E-06    -1.53E-08
     27     2.89E-05     3.76E-07    -0.000305
6.49E-07     2.27E-06    -1.57E-08
     28     2.89E-05     3.95E-07    -0.000304
8.31E-07    -2.39E-06    -1.49E-08
     29     2.95E-05     4.41E-07    -0.000283
9.49E-07    -5.97E-06    -1.30E-08
     30     3.04E-05     5.09E-07    -0.000245
1.02E-06    -8.89E-06    -1.03E-08
     31     3.17E-05     5.99E-07    -0.000195
1.04E-06    -1.12E-05    -7.27E-09
     32     3.33E-05     7.03E-07    -0.000135
1.03E-06    -1.31E-05    -3.76E-09
     33     3.51E-05     8.23E-07    -6.59E-05
9.72E-07    -1.44E-05    -2.52E-11
     34     3.67E-05     9.36E-07    -1.39E-09
8.90E-07    -1.49E-05     2.84E-09
     35    -0.000222     1.42E-05    -0.010000
-1.28E-05    -0.000237     1.07E-07
     36    -0.000194     1.32E-05    -0.008934
-1.25E-05    -0.000236     9.86E-08
     37    -0.000164     1.21E-05    -0.007766
-1.20E-05    -0.000231     8.61E-08
     38    -0.000135     1.09E-05    -0.006628
-1.14E-05    -0.000224     6.94E-08
     39    -0.000107     9.81E-06    -0.005528
-1.07E-05    -0.000216     4.92E-08
     40    -7.94E-05     8.67E-06    -0.004475
-9.80E-06    -0.000205     2.54E-08
     41    -5.39E-05     7.53E-06    -0.003482
-8.76E-06    -0.000192    -7.34E-10
     42    -3.01E-05     6.40E-06    -0.002561
-7.52E-06    -0.000175    -2.78E-08
     43    -9.00E-06     5.32E-06    -0.001739
-6.06E-06    -0.000153    -5.28E-08
     44     9.20E-06     4.33E-06    -0.001036
-4.50E-06    -0.000128    -6.95E-08
     45     2.40E-05     3.48E-06    -0.000462
-3.16E-06    -0.000103    -6.94E-08
     46     3.60E-05     2.83E-06    -1.06E-08
-2.18E-06    -8.23E-05    -4.92E-08
     47     4.54E-05     2.41E-06     0.000364
-1.76E-06    -6.40E-05    -1.92E-08
     48     5.26E-05     2.15E-06     0.000639
-1.55E-06    -4.58E-05     3.03E-10
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J O I N T   D I S P L A C E M E N T S

TRANSLATIONS  AND  ROTATIONS,  IN  LOCAL
COORDINATES

  JOINT             U1           U2           U3
     R1           R2           R3
     49     5.73E-05     1.99E-06     0.000819
-1.45E-06    -2.56E-05     1.02E-08
     50     5.94E-05     1.86E-06     0.000895
-1.42E-06    -5.76E-06     1.18E-08
     51     5.92E-05     1.73E-06     0.000883
-1.39E-06     1.02E-05     7.77E-09
     52     5.71E-05     1.58E-06     0.000800
-1.34E-06     2.23E-05     8.29E-10
     53     5.38E-05     1.40E-06     0.000666
-1.24E-06     3.05E-05    -6.84E-09
     54     4.97E-05     1.19E-06     0.000501
-1.08E-06     3.48E-05    -1.39E-08
     55     4.53E-05     9.86E-07     0.000325
-8.88E-07     3.52E-05    -1.93E-08
     56     4.09E-05     7.80E-07     0.000154
-6.79E-07     3.29E-05    -2.32E-08
     57     3.70E-05     5.84E-07     8.77E-09
-4.50E-07     2.85E-05    -2.68E-08
     58     3.38E-05     4.03E-07    -0.000128
-1.82E-07     2.26E-05    -2.93E-08
     59     3.13E-05     2.52E-07    -0.000224
1.14E-07     1.57E-05    -2.90E-08
     60     2.97E-05     1.48E-07    -0.000284
4.13E-07     8.51E-06    -2.61E-08
     61     2.90E-05     9.86E-08    -0.000311
6.62E-07     2.36E-06    -2.14E-08
     62     2.91E-05     1.03E-07    -0.000310
8.40E-07    -2.37E-06    -1.55E-08
     63     2.96E-05     1.57E-07    -0.000288
9.58E-07    -6.02E-06    -9.19E-09
     64     3.06E-05     2.55E-07    -0.000251
1.03E-06    -9.00E-06    -2.67E-09
     65     3.19E-05     3.92E-07    -0.000199
1.05E-06    -1.13E-05     3.68E-09
     66     3.34E-05     5.58E-07    -0.000138
1.04E-06    -1.33E-05     9.66E-09
     67     3.52E-05     7.51E-07    -6.75E-05
9.81E-07    -1.47E-05     1.59E-08
     68     3.70E-05     9.34E-07    -1.59E-09
8.97E-07    -1.51E-05     1.83E-08
     69    -0.000221     1.41E-05    -0.010000
-1.32E-05    -0.000238     2.11E-05
     70    -0.000194     1.31E-05    -0.008936
-1.27E-05    -0.000236     1.76E-05
     71    -0.000164     1.19E-05    -0.007769
-1.22E-05    -0.000231     1.78E-05
     72    -0.000134     1.06E-05    -0.006634
-1.15E-05    -0.000224     1.72E-05
     73    -0.000106     9.45E-06    -0.005535
-1.07E-05    -0.000216     1.66E-05
     74    -7.87E-05     8.27E-06    -0.004483
-9.73E-06    -0.000206     1.57E-05
     75    -5.32E-05     7.13E-06    -0.003489
-8.57E-06    -0.000193     1.47E-05
     76    -2.94E-05     6.04E-06    -0.002568
-7.13E-06    -0.000176     1.34E-05
     77    -8.25E-06     5.02E-06    -0.001745
-5.40E-06    -0.000154     1.17E-05
     78     1.00E-05     4.13E-06    -0.001040
-3.52E-06    -0.000129     9.72E-06
     79     2.48E-05     3.38E-06    -0.000463
-1.81E-06    -0.000104     7.77E-06
     80     3.68E-05     2.78E-06    -1.08E-07
-7.57E-07    -8.26E-05     6.13E-06
     81     4.62E-05     2.35E-06     0.000364
-3.63E-07    -6.39E-05     4.69E-06
     82     5.32E-05     2.03E-06     0.000637
-5.12E-07    -4.56E-05     3.31E-06
     83     5.78E-05     1.80E-06     0.000815
-8.07E-07    -2.53E-05     1.76E-06
     84     5.98E-05     1.62E-06     0.000890
-1.06E-06    -5.62E-06     2.59E-07
     85     5.95E-05     1.47E-06     0.000877
-1.22E-06     1.03E-05    -9.36E-07
     86     5.73E-05     1.32E-06     0.000795
-1.27E-06     2.23E-05    -1.83E-06
     87     5.39E-05     1.18E-06     0.000662
-1.22E-06     3.04E-05    -2.43E-06
     88     4.97E-05     1.03E-06     0.000498
-1.11E-06     3.46E-05    -2.73E-06
     89     4.52E-05     8.77E-07     0.000323
-9.62E-07     3.51E-05    -2.73E-06
     90     4.08E-05     7.24E-07     0.000153
-7.81E-07     3.28E-05    -2.53E-06
     91     3.69E-05     5.80E-07     4.51E-08
-5.87E-07     2.84E-05    -2.16E-06
     92     3.36E-05     4.48E-07    -0.000127
-3.40E-07     2.25E-05    -1.70E-06
     93     3.11E-05     3.39E-07    -0.000222
-1.03E-08     1.56E-05    -1.16E-06
     94     2.96E-05     2.67E-07    -0.000282
3.27E-07     8.43E-06    -6.08E-07
     95     2.89E-05     2.37E-07    -0.000308
6.11E-07     2.32E-06    -1.37E-07
     96     2.90E-05     2.49E-07    -0.000307
8.15E-07    -2.38E-06     2.23E-07
     97     2.95E-05     2.99E-07    -0.000286
9.48E-07    -5.99E-06     5.00E-07
     98     3.05E-05     3.82E-07    -0.000248
1.02E-06    -8.94E-06     7.28E-07
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J O I N T   D I S P L A C E M E N T S

TRANSLATIONS  AND  ROTATIONS,  IN  LOCAL
COORDINATES

  JOINT             U1           U2           U3
     R1           R2           R3
     99     3.18E-05     4.95E-07    -0.000197
1.04E-06    -1.12E-05     9.04E-07
    100     3.34E-05     6.31E-07    -0.000136
1.01E-06    -1.32E-05     1.06E-06
    101     3.51E-05     7.86E-07    -6.67E-05
9.07E-07    -1.45E-05     1.14E-06
    102     3.69E-05     9.36E-07    -2.10E-08
7.37E-07    -1.50E-05     1.40E-06
    103     6.50E-05     4.47E-06    -0.010000
8.85E-06    -0.000238     8.41E-08
    104     0.000144     2.09E-05     .000000
9.85E-06    -8.23E-05    -4.38E-08
    105    -2.00E-26    -3.73E-08     .000000
4.74E-08     2.83E-05    -6.06E-09
    106     5.40E-05    -7.95E-06     .000000
-1.83E-06    -1.48E-05     2.84E-09
    107     6.33E-05     1.03E-22    -0.010000
-8.47E-06    -0.000238     1.07E-07
    108     0.000143    -6.04E-25     .000000
-2.18E-06    -8.23E-05    -4.92E-08
    109     .000000     .000000     .000000
7.17E-08     2.85E-05    -2.68E-08
    110     5.52E-05     8.69E-23     .000000
3.45E-07    -1.52E-05     1.83E-08

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  JOINT             U1           U2           U3
     R1           R2           R3
      1    -0.000205    -9.54E-06    -1.19E-08
1.69E-05     0.000305    -1.93E-07
      2    -0.000241    -8.42E-06    -0.001362
1.70E-05     0.000302    -1.88E-07
      3    -0.000279    -7.17E-06    -0.002839
1.66E-05     0.000291    -1.78E-07
      4    -0.000315    -5.93E-06    -0.004247
1.60E-05     0.000275    -1.68E-07
      5    -0.000349    -4.74E-06    -0.005572
1.51E-05     0.000257    -1.56E-07
      6    -0.000381    -3.61E-06    -0.006794
1.38E-05     0.000233    -1.42E-07
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7	-0.000409	-2.61E-06	-0.007883
1.22E-05	0.000204	-1.27E-07	
8	-0.000433	-1.76E-06	-0.008810
1.01E-05	0.000166	-1.10E-07	
9	-0.000451	-1.13E-06	-0.009519
7.44E-06	0.000117	-8.86E-08	
10	-0.000462	-7.32E-07	-0.009960
4.63E-06	5.91E-05	-6.39E-08	
11	-0.000466	-5.61E-07	-0.010110
2.23E-06	2.73E-06	-4.19E-08	
12	-0.000463	-5.60E-07	-0.010000
4.73E-07	-4.60E-05	-2.63E-08	
13	-0.000454	-6.81E-07	-0.009663
-3.71E-08	-8.84E-05	-3.27E-08	
14	-0.000440	-8.87E-07	-0.009128
-1.18E-07	-0.000127	-4.57E-08	
15	-0.000422	-1.16E-06	-0.008398
1.08E-07	-0.000167	-6.40E-08	
16	-0.000398	-1.49E-06	-0.007475
5.74E-07	-0.000202	-8.31E-08	
17	-0.000370	-1.84E-06	-0.006408
1.12E-06	-0.000226	-9.63E-08	
18	-0.000340	-2.16E-06	-0.005253
1.66E-06	-0.000238	-1.02E-07	
19	-0.000310	-2.42E-06	-0.004067
2.12E-06	-0.000238	-9.96E-08	
20	-0.000279	-2.61E-06	-0.002908
2.46E-06	-0.000227	-9.13E-08	
21	-0.000252	-2.71E-06	-0.001827
2.59E-06	-0.000208	-7.85E-08	
22	-0.000226	-2.74E-06	-0.000852
2.49E-06	-0.000185	-6.29E-08	
23	-0.000204	-2.72E-06	-3.38E-08
2.12E-06	-0.000157	-4.59E-08	
24	-0.000186	-2.68E-06	0.000700
1.09E-06	-0.000124	-2.05E-08	
25	-0.000173	-2.66E-06	0.001223
-2.91E-07	-8.57E-05	6.76E-09	
26	-0.000164	-2.70E-06	0.001548
-1.86E-06	-4.61E-05	3.33E-08	
27	-0.000160	-2.81E-06	0.001690
-3.24E-06	-1.25E-05	5.41E-08	
28	-0.000161	-2.99E-06	0.001684
-4.27E-06	1.33E-05	6.71E-08	
29	-0.000164	-3.24E-06	0.001566
-4.96E-06	3.31E-05	7.21E-08	
30	-0.000169	-3.55E-06	0.001359
-5.40E-06	4.93E-05	7.05E-08	
31	-0.000176	-3.92E-06	0.001081
-5.58E-06	6.18E-05	6.38E-08	
32	-0.000185	-4.35E-06	0.000747
-5.55E-06	7.24E-05	5.17E-08	
33	-0.000195	-4.83E-06	0.000365
-5.31E-06	8.00E-05	3.57E-08	
34	-0.000204	-5.29E-06	7.75E-09
-4.91E-06	8.24E-05	2.18E-08	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
35	-0.000203	-9.79E-06	-1.23E-08
1.68E-05	0.000306	-2.77E-07	
36	-0.000239	-9.07E-06	-0.001372
1.69E-05	0.000303	-2.72E-07	
37	-0.000277	-8.26E-06	-0.002859
1.66E-05	0.000291	-2.63E-07	
38	-0.000314	-7.41E-06	-0.004275
1.59E-05	0.000275	-2.39E-07	
39	-0.000348	-6.53E-06	-0.005607
1.50E-05	0.000257	-2.05E-07	
40	-0.000379	-5.58E-06	-0.006832
1.38E-05	0.000232	-1.62E-07	
41	-0.000407	-4.60E-06	-0.007922
1.21E-05	0.000203	-1.11E-07	
42	-0.000431	-3.57E-06	-0.008846
1.01E-05	0.000164	-5.64E-08	
43	-0.000449	-2.59E-06	-0.009547
7.49E-06	0.000115	-3.12E-09	
44	-0.000460	-1.70E-06	-0.009978
4.68E-06	5.65E-05	3.57E-08	
45	-0.000464	-1.05E-06	-0.010117
2.27E-06	7.61E-07	4.27E-08	
46	-0.000461	-7.25E-07	-0.010000
5.68E-07	-4.65E-05	9.54E-09	
47	-0.000452	-7.87E-07	-0.009663
2.73E-08	-8.74E-05	-4.45E-08	
48	-0.000439	-1.11E-06	-0.009132
-4.81E-08	-0.000126	-7.90E-08	
49	-0.000420	-1.55E-06	-0.008405
1.95E-07	-0.000166	-9.68E-08	
50	-0.000397	-2.00E-06	-0.007486
6.35E-07	-0.000201	-1.01E-07	
51	-0.000369	-2.38E-06	-0.006419
1.15E-06	-0.000225	-9.74E-08	
52	-0.000340	-2.68E-06	-0.005263
1.66E-06	-0.000237	-9.04E-08	
53	-0.000309	-2.87E-06	-0.004076
2.09E-06	-0.000237	-8.20E-08	
54	-0.000279	-2.97E-06	-0.002915
2.40E-06	-0.000226	-7.20E-08	
55	-0.000252	-2.99E-06	-0.001833
2.52E-06	-0.000207	-5.64E-08	
56	-0.000227	-2.89E-06	-0.000856
2.43E-06	-0.000184	-3.06E-08	
57	-0.000205	-2.67E-06	-2.78E-08
2.05E-06	-0.000157	1.06E-08	
58	-0.000196	-2.26E-06	0.000707
1.02E-06	-0.000125	5.80E-08	
59	-0.000173	-1.88E-06	0.001238
-3.63E-07	-8.69E-05	8.62E-08	
60	-0.000164	-1.56E-06	0.001571
-1.91E-06	-4.71E-05	9.64E-08	
61	-0.000160	-1.43E-06	0.001718
-3.28E-06	-1.31E-05	9.18E-08	
62	-0.000160	-1.49E-06	0.001714
-4.29E-06	1.31E-05	7.72E-08	
63	-0.000163	-1.76E-06	0.001596
-5.00E-06	3.33E-05	5.70E-08	
64	-0.000169	-2.20E-06	0.001386
-5.43E-06	4.98E-05	3.34E-08	
65	-0.000176	-2.81E-06	0.001103
-5.62E-06	6.25E-05	8.40E-09	
66	-0.000185	-3.54E-06	0.000763
-5.61E-06	7.34E-05	-1.67E-08	
67	-0.000195	-4.39E-06	0.000373
-5.34E-06	8.13E-05	-4.06E-08	
68	-0.000204	-5.20E-06	8.77E-09
-4.92E-06	8.38E-05	-5.65E-08	
69	-0.000204	-9.65E-06	-7.41E-08
1.66E-05	0.000306	-2.70E-05	
70	-0.000240	-8.77E-06	-0.001367
1.68E-05	0.000302	-2.25E-05	
71	-0.000278	-7.73E-06	-0.002849
1.66E-05	0.000291	-2.23E-05	
72	-0.000314	-6.68E-06	-0.004261
1.59E-05	0.000275	-2.10E-05	
73	-0.000348	-5.64E-06	-0.005590
1.50E-05	0.000257	-1.96E-05	
74	-0.000380	-4.60E-06	-0.006813
1.36E-05	0.000233	-1.78E-05	
75	-0.000408	-3.61E-06	-0.007903
1.18E-05	0.000204	-1.55E-05	
76	-0.000432	-2.67E-06	-0.008828
9.29E-06	0.000165	-1.26E-05	
77	-0.000450	-1.85E-06	-0.009533
6.13E-06	0.000116	-8.69E-06	
78	-0.000461	-1.21E-06	-0.009969
2.57E-06	5.79E-05	-4.11E-06	
79	-0.000465	-8.01E-07	-0.010113
-6.45E-07	1.79E-06	3.09E-07	
80	-0.000462	-6.36E-07	-0.010000
-2.46E-06	-4.62E-05	4.05E-06	
81	-0.000454	-7.34E-07	-0.009663
-2.90E-06	-8.78E-05	7.26E-06	
82	-0.000440	-9.95E-07	-0.009130
-2.17E-06	-0.000127	1.02E-05	
83	-0.000421	-1.35E-06	-0.008401
-1.13E-06	-0.000166	1.33E-05	
84	-0.000397	-1.74E-06	-0.007480
-8.25E-08	-0.000202	1.60E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
85	-0.000370	-2.10E-06	-0.006413
8.75E-07	-0.000225	1.77E-05	
86	-0.000340	-2.41E-06	-0.005258
1.71E-06	-0.000237	1.86E-05	
87	-0.000309	-2.64E-06	-0.004071
2.46E-06	-0.000238	1.86E-05	
88	-0.000279	-2.80E-06	-0.002912
3.14E-06	-0.000226	1.77E-05	
89	-0.000252	-2.86E-06	-0.001830
3.74E-06	-0.000207	1.61E-05	
90	-0.000226	-2.82E-06	-0.000854
4.10E-06	-0.000185	1.43E-05	
91	-0.000204	-2.69E-06	-1.36E-07
3.79E-06	-0.000157	1.22E-05	
92	-0.000186	-2.49E-06	0.000703
2.70E-06	-0.000124	9.65E-06	
93	-0.000173	-2.27E-06	0.001230
8.48E-07	-8.62E-05	6.67E-06	
94	-0.000164	-2.13E-06	0.001559
-1.16E-06	-4.66E-05	3.59E-06	
95	-0.000160	-2.12E-06	0.001704
-2.87E-06	-1.28E-05	9.69E-07	
96	-0.000160	-2.24E-06	0.001699
-4.11E-06	1.32E-05	-1.03E-06	
97	-0.000163	-2.50E-06	0.001581
-4.93E-06	3.32E-05	-2.57E-06	
98	-0.000169	-2.87E-06	0.001373
-5.41E-06	4.95E-05	-3.84E-06	
99	-0.000176	-3.36E-06	0.001092
-5.55E-06	6.22E-05	-4.82E-06	
100	-0.000185	-3.95E-06	0.000755
-5.47E-06	7.30E-05	-5.68E-06	
101	-0.000195	-4.61E-06	0.000369
-4.98E-06	8.02E-05	-6.11E-06	
102	-0.000204	-5.25E-06	1.40E-07
-4.12E-06	8.33E-05	-7.52E-06	
103	-0.000570	-4.15E-05	.000000
-1.10E-05	0.000306	-1.93E-07	
104	-0.000399	-5.82E-05	-0.010000
7.12E-06	-4.55E-05	-2.63E-08	
105	1.20E-26	4.16E-08	.000000
-7.53E-07	-0.000157	-4.59E-08	
106	-0.000300	4.41E-05	.000000
1.01E-05	8.19E-05	2.18E-08	
107	-0.000571	-4.65E-22	.000000
1.12E-05	0.000306	-2.77E-07	
108	-0.000401	7.46E-25	-0.010000
5.70E-07	-4.65E-05	9.54E-09	
109	.000000	.000000	.000000
-8.28E-07	-0.000157	1.06E-08	
110	-0.000305	-1.12E-21	.000000
-1.87E-06	8.39E-05	-5.65E-08	

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JOINT	U1	U2	U3
R1	R2	R3	
1	0.000318	-1.77E-06	7.75E-09
-4.90E-06	-8.24E-05	6.66E-08	
2	0.000327	-2.05E-06	0.000365
-5.31E-06	-8.00E-05	7.55E-08	
3	0.000337	-2.35E-06	0.000747
-5.54E-06	-7.24E-05	8.38E-08	
4	0.000346	-2.64E-06	0.001081
-5.58E-06	-6.18E-05	8.92E-08	
5	0.000353	-2.90E-06	0.001359
-5.40E-06	-4.93E-05	9.00E-08	
6	0.000358	-3.13E-06	0.001566
-4.96E-06	-3.31E-05	8.72E-08	
7	0.000361	-3.30E-06	0.001684
-4.26E-06	-1.33E-05	8.10E-08	
8	0.000361	-3.41E-06	0.001690
-3.23E-06	1.25E-05	7.16E-08	
9	0.000358	-3.41E-06	0.001548
-1.85E-06	4.61E-05	5.85E-08	
10	0.000349	-3.30E-06	0.001223
-2.81E-07	8.57E-05	4.24E-08	
11	0.000336	-3.07E-06	0.000700
1.10E-06	0.000124	2.63E-08	
12	0.000317	-2.76E-06	-3.38E-08
2.15E-06	0.000157	1.26E-08	
13	0.000296	-2.40E-06	-0.000852
2.52E-06	0.000185	1.03E-08	
14	0.000270	-2.01E-06	-0.001827
2.62E-06	0.000208	1.08E-08	
15	0.000243	-1.62E-06	-0.002908
2.49E-06	0.000227	1.37E-08	
16	0.000212	-1.24E-06	-0.004067
2.15E-06	0.000238	1.70E-08	
17	0.000182	-8.98E-07	-0.005253
1.69E-06	0.000238	1.72E-08	
18	0.000152	-6.30E-07	-0.006408
1.15E-06	0.000226	1.38E-08	
19	0.000125	-4.59E-07	-0.007476
5.98E-07	0.000202	7.44E-09	
20	0.000101	-3.90E-07	-0.008398
1.35E-07	0.000167	-9.46E-10	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
21	8.22E-05	-4.14E-07	-0.009128
-1.03E-07	0.000127	-1.09E-08	
22	6.84E-05	-5.02E-07	-0.009663
-1.57E-08	8.83E-05	-2.28E-08	
23	5.98E-05	-6.19E-07	-0.010000
5.01E-07	4.60E-05	-3.72E-08	
24	5.70E-05	-7.09E-07	-0.010110
2.21E-06	-2.75E-06	-6.89E-08	
25	6.10E-05	-7.10E-07	-0.009960
4.62E-06	-5.91E-05	-1.08E-07	
26	7.24E-05	-5.83E-07	-0.009519
7.44E-06	-0.000117	-1.52E-07	
27	9.08E-05	-3.07E-07	-0.008810
1.00E-05	-0.000166	-1.91E-07	
28	0.000115	9.29E-08	-0.007883
1.22E-05	-0.000204	-2.20E-07	
29	0.000143	6.28E-07	-0.006793
1.38E-05	-0.000233	-2.37E-07	
30	0.000175	1.28E-06	-0.005572
1.50E-05	-0.000257	-2.43E-07	
31	0.000209	2.07E-06	-0.004247
1.60E-05	-0.000275	-2.41E-07	
32	0.000245	2.97E-06	-0.002839
1.66E-05	-0.000291	-2.30E-07	
33	0.000284	4.03E-06	-0.001362
1.70E-05	-0.000302	-2.14E-07	
34	0.000319	5.06E-06	-1.19E-08
1.69E-05	-0.000305	-2.00E-07	
35	0.000318	-1.70E-06	8.77E-09
-4.93E-06	-8.38E-05	1.44E-07	
36	0.000327	-1.63E-06	0.000373
-5.35E-06	-8.13E-05	1.52E-07	
37	0.000337	-1.57E-06	0.000763
-5.61E-06	-7.34E-05	1.53E-07	
38	0.000346	-1.55E-06	0.001103
-5.62E-06	-6.25E-05	1.45E-07	
39	0.000353	-1.58E-06	0.001386
-5.43E-06	-4.98E-05	1.28E-07	
40	0.000359	-1.68E-06	0.001596
-4.99E-06	-3.33E-05	1.03E-07	
41	0.000362	-1.84E-06	0.001714
-4.29E-06	-1.31E-05	7.26E-08	
42	0.000362	-2.05E-06	0.001718
-3.28E-06	1.31E-05	3.72E-08	
43	0.000358	-2.29E-06	0.001571
-1.91E-06	4.71E-05	1.54E-10	
44	0.000350	-2.52E-06	0.001238
-3.51E-07	8.69E-05	-3.13E-08	
45	0.000336	-2.68E-06	0.000707
1.04E-06	0.000125	-4.66E-08	
46	0.000318	-2.69E-06	-2.78E-08
2.07E-06	0.000157	-3.99E-08	
47	0.000296	-2.55E-06	-0.000856
2.46E-06	0.000184	-2.03E-08	
48	0.000271	-2.29E-06	-0.001833
2.56E-06	0.000207	-9.02E-09	
49	0.000243	-1.99E-06	-0.002915
2.44E-06	0.000226	-3.06E-09	
50	0.000213	-1.69E-06	-0.004076
2.13E-06	0.000237	9.90E-10	
51	0.000182	-1.43E-06	-0.005264
1.69E-06	0.000237	6.31E-09	
52	0.000153	-1.18E-06	-0.006419
1.18E-06	0.000225	1.49E-08	
53	0.000125	-9.61E-07	-0.007486
6.60E-07	0.000201	2.45E-08	
54	0.000101	-7.60E-07	-0.008406
2.24E-07	0.000166	3.00E-08	
55	8.28E-05	-6.08E-07	-0.009132
-1.80E-08	0.000126	2.14E-08	
56	6.91E-05	-5.69E-07	-0.009663
4.04E-08	8.74E-05	-1.10E-08	
57	6.04E-05	-7.33E-07	-0.010000
5.64E-07	4.64E-05	-7.52E-08	
58	5.73E-05	-1.15E-06	-0.010117
2.28E-06	-7.76E-07	-1.57E-07	
59	6.08E-05	-1.64E-06	-0.009978
4.67E-06	-5.65E-05	-2.12E-07	
60	7.17E-05	-2.00E-06	-0.009547
7.46E-06	-0.000115	-2.41E-07	
61	8.97E-05	-2.10E-06	-0.008845
1.01E-05	-0.000164	-2.46E-07	
62	0.000113	-1.89E-06	-0.007922
1.21E-05	-0.000203	-2.36E-07	
63	0.000141	-1.35E-06	-0.006832
1.38E-05	-0.000232	-2.16E-07	
64	0.000173	-5.30E-07	-0.005607
1.50E-05	-0.000257	-1.92E-07	
65	0.000207	5.67E-07	-0.004275
1.59E-05	-0.000275	-1.67E-07	
66	0.000243	1.87E-06	-0.002859
1.66E-05	-0.000291	-1.43E-07	
67	0.000282	3.36E-06	-0.001372
1.69E-05	-0.000303	-1.22E-07	
68	0.000317	4.78E-06	-1.23E-08
1.68E-05	-0.000306	-1.08E-07	
69	0.000318	-1.74E-06	3.72E-08
-4.12E-06	-8.33E-05	7.40E-06	
70	0.000327	-1.83E-06	0.000369
-4.98E-06	-8.02E-05	6.08E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
71	0.000337	-1.96E-06	0.000755
-5.46E-06	-7.30E-05	5.69E-06	
72	0.000346	-2.10E-06	0.001092
-5.55E-06	-6.22E-05	4.86E-06	
73	0.000353	-2.24E-06	0.001373
-5.41E-06	-4.95E-05	3.91E-06	
74	0.000359	-2.40E-06	0.001581
-4.92E-06	-3.32E-05	2.66E-06	
75	0.000362	-2.57E-06	0.001699
-4.11E-06	-1.32E-05	1.12E-06	
76	0.000362	-2.74E-06	0.001704
-2.86E-06	1.28E-05	-8.89E-07	
77	0.000358	-2.86E-06	0.001559
-1.15E-06	4.66E-05	-3.53E-06	
78	0.000350	-2.92E-06	0.001230
8.58E-07	8.62E-05	-6.66E-06	
79	0.000336	-2.88E-06	0.000703
2.72E-06	0.000124	-9.67E-06	
80	0.000318	-2.73E-06	-7.71E-08
3.80E-06	0.000157	-1.22E-05	
81	0.000296	-2.47E-06	-0.000854
4.12E-06	0.000185	-1.44E-05	
82	0.000271	-2.15E-06	-0.001830
3.76E-06	0.000207	-1.61E-05	
83	0.000243	-1.81E-06	-0.002912
3.17E-06	0.000226	-1.76E-05	
84	0.000213	-1.47E-06	-0.004072
2.49E-06	0.000238	-1.85E-05	
85	0.000182	-1.17E-06	-0.005258
1.74E-06	0.000237	-1.84E-05	
86	0.000152	-9.11E-07	-0.006414
9.01E-07	0.000225	-1.75E-05	
87	0.000125	-7.14E-07	-0.007481
-5.43E-08	0.000202	-1.56E-05	
88	0.000101	-5.69E-07	-0.008402
-1.10E-06	0.000166	-1.29E-05	
89	8.24E-05	-5.08E-07	-0.009130
-2.16E-06	0.000126	-9.70E-06	
90	6.86E-05	-5.39E-07	-0.009663
-2.89E-06	8.78E-05	-6.69E-06	
91	5.99E-05	-6.78E-07	-0.010000
-2.46E-06	4.62E-05	-3.46E-06	
92	5.70E-05	-9.30E-07	-0.010113
-6.45E-07	-1.81E-06	2.48E-07	
93	6.07E-05	-1.17E-06	-0.009968
2.56E-06	-5.79E-05	4.57E-06	
94	7.19E-05	-1.29E-06	-0.009533
6.11E-06	-0.000116	9.05E-06	
95	9.02E-05	-1.20E-06	-0.008827
9.28E-06	-0.000165	1.28E-05	
96	0.000114	-9.01E-07	-0.007903
1.18E-05	-0.000204	1.57E-05	
97	0.000142	-3.64E-07	-0.006813
1.36E-05	-0.000233	1.80E-05	
98	0.000174	3.77E-07	-0.005590
1.50E-05	-0.000257	1.98E-05	
99	0.000208	1.31E-06	-0.004261
1.59E-05	-0.000275	2.12E-05	
100	0.000244	2.43E-06	-0.002849
1.66E-05	-0.000291	2.24E-05	
101	0.000283	3.68E-06	-0.001367
1.68E-05	-0.000302	2.26E-05	
102	0.000318	4.93E-06	-3.97E-07
1.66E-05	-0.000306	2.73E-05	
103	0.000416	3.04E-05	.000000
2.64E-06	-8.25E-05	6.66E-08	
104	0.000112	1.64E-05	.000000
-2.06E-05	0.000156	1.26E-08	
105	2.78E-26	3.20E-08	-0.010000
1.34E-06	4.60E-05	-3.72E-08	
106	0.000678	-0.000100	.000000
-3.89E-05	-0.000303	-2.00E-07	
107	0.000418	-4.83E-22	.000000
-3.41E-06	-8.38E-05	1.44E-07	
108	0.000113	2.63E-26	.000000
2.06E-06	0.000157	-3.99E-08	
109	.000000	.000000	-0.010000
1.41E-06	4.64E-05	-7.52E-08	
110	0.000684	-1.59E-21	.000000
5.64E-06	-0.000306	-1.08E-07	

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JOINT	U1	U2	U3
R1	R2	R3	
1	0.000108	-2.72E-06	-1.38E-09
8.96E-07	1.49E-05	4.25E-08	
2	0.000106	-2.43E-06	-6.59E-05
9.86E-07	1.44E-05	4.06E-08	
3	0.000104	-2.10E-06	-0.000135
1.05E-06	1.31E-05	3.89E-08	
4	0.000103	-1.77E-06	-0.000195
1.08E-06	1.11E-05	3.80E-08	
5	0.000102	-1.45E-06	-0.000245
1.06E-06	8.89E-06	3.81E-08	
6	0.000101	-1.12E-06	-0.000282
1.00E-06	5.96E-06	3.90E-08	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
7	0.000100	-8.01E-07	-0.000304
8.92E-07	2.38E-06	4.08E-08	
8	0.000100	-4.88E-07	-0.000305
7.16E-07	-2.28E-06	4.32E-08	
9	0.000101	-1.90E-07	-0.000279
4.62E-07	-8.34E-06	4.64E-08	
10	0.000102	8.86E-08	-0.000220
1.49E-07	-1.55E-05	5.01E-08	
11	0.000105	3.45E-07	-0.000126
-1.73E-07	-2.23E-05	5.39E-08	
12	0.000108	5.78E-07	9.14E-09
-4.78E-07	-2.82E-05	5.75E-08	
13	0.000112	7.93E-07	0.000152
-7.39E-07	-3.26E-05	6.04E-08	
14	0.000116	9.89E-07	0.000321
-9.76E-07	-3.49E-05	6.35E-08	
15	0.000121	1.17E-06	0.000495
-1.18E-06	-3.45E-05	6.69E-08	
16	0.000125	1.35E-06	0.000657
-1.34E-06	-3.03E-05	7.06E-08	
17	0.000128	1.53E-06	0.000789
-1.43E-06	-2.22E-05	7.42E-08	
18	0.000130	1.72E-06	0.000872
-1.48E-06	-1.03E-05	7.77E-08	
19	0.000131	1.92E-06	0.000885
-1.48E-06	5.45E-06	8.08E-08	
20	0.000129	2.14E-06	0.000811
-1.50E-06	2.51E-05	8.35E-08	
21	0.000124	2.36E-06	0.000635
-1.59E-06	4.54E-05	8.53E-08	
22	0.000117	2.57E-06	0.000363
-1.78E-06	6.38E-05	8.69E-08	
23	0.000108	2.76E-06	-1.57E-08
-2.15E-06	8.28E-05	8.91E-08	
24	9.56E-05	2.89E-06	-0.000464
-3.10E-06	0.000104	9.96E-08	
25	8.05E-05	2.94E-06	-0.001043
-4.42E-06	0.000129	1.15E-07	
26	6.23E-05	2.90E-06	-0.001750
-5.98E-06	0.000155	1.34E-07	
27	4.07E-05	2.74E-06	-0.002575
-7.46E-06	0.000177	1.53E-07	
28	1.69E-05	2.50E-06	-0.003497
-8.72E-06	0.000193	1.68E-07	
29	-8.90E-06	2.17E-06	-0.004490
-9.77E-06	0.000206	1.78E-07	
30	-3.60E-05	1.76E-06	-0.005541
-1.07E-05	0.000217	1.83E-07	
31	-6.46E-05	1.26E-06	-0.006639
-1.14E-05	0.000225	1.85E-07	
32	-9.38E-05	6.69E-07	-0.007773
-1.21E-05	0.000231	1.82E-07	
33	-0.000124	-2.70E-08	-0.008937
-1.26E-05	0.000236	1.78E-07	
34	-0.000151	-7.06E-07	-0.010000
-1.29E-05	0.000238	1.75E-07	
35	0.000107	-2.71E-06	-1.60E-09
9.04E-07	1.51E-05	2.59E-08	
36	0.000105	-2.48E-06	-6.75E-05
9.96E-07	1.47E-05	2.43E-08	
37	0.000104	-2.23E-06	-0.000138
1.06E-06	1.33E-05	2.39E-08	
38	0.000102	-1.97E-06	-0.000200
1.09E-06	1.13E-05	2.55E-08	
39	0.000101	-1.70E-06	-0.000251
1.07E-06	9.00E-06	2.88E-08	
40	0.000100	-1.41E-06	-0.000289
1.01E-06	6.02E-06	3.35E-08	
41	9.93E-05	-1.10E-06	-0.000310
9.02E-07	2.37E-06	3.96E-08	
42	9.93E-05	-7.78E-07	-0.000311
7.30E-07	-2.36E-06	4.71E-08	
43	0.000100	-4.44E-07	-0.000284
4.81E-07	-8.51E-06	5.58E-08	
44	0.000102	-9.99E-08	-0.000224
1.69E-07	-1.57E-05	6.51E-08	
45	0.000104	2.47E-07	-0.000128
-1.55E-

49	0.000120	1.55E-06	0.000502
-1.18E-06	-3.48E-05	8.97E-08	
50	0.000124	1.83E-06	0.000667
-1.35E-06	-3.05E-05	8.85E-08	
51	0.000128	2.08E-06	0.000800
-1.45E-06	-2.23E-05	8.33E-08	
52	0.000130	2.28E-06	0.000883
-1.50E-06	-1.02E-05	7.47E-08	
53	0.000130	2.44E-06	0.000896
-1.51E-06	5.75E-06	6.44E-08	
54	0.000128	2.54E-06	0.000819
-1.54E-06	2.56E-05	5.59E-08	
55	0.000124	2.61E-06	0.000640
-1.62E-06	4.59E-05	5.43E-08	
56	0.000117	2.68E-06	0.000365
-1.79E-06	6.40E-05	6.48E-08	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
57	0.000107	2.81E-06	-1.06E-08
-2.16E-06	8.24E-05	9.14E-08	
58	9.54E-05	3.03E-06	-0.000462
-3.11E-06	0.000103	1.28E-07	
59	8.06E-05	3.27E-06	-0.001037
-4.42E-06	0.000128	1.54E-07	
60	6.27E-05	3.42E-06	-0.001739
-5.96E-06	0.000153	1.70E-07	
61	4.15E-05	3.43E-06	-0.002562
-7.43E-06	0.000175	1.76E-07	
62	1.80E-05	3.28E-06	-0.003482
-8.68E-06	0.000192	1.74E-07	
63	-7.65E-06	2.95E-06	-0.004476
-9.73E-06	0.000205	1.68E-07	
64	-3.46E-05	2.47E-06	-0.005528
-1.06E-05	0.000216	1.61E-07	
65	-6.30E-05	1.85E-06	-0.006629
-1.14E-05	0.000224	1.55E-07	
66	-9.21E-05	1.12E-06	-0.007766
-1.20E-05	0.000231	1.50E-07	
67	-0.000122	2.82E-07	-0.008934
-1.25E-05	0.000236	1.48E-07	
68	-0.000149	-5.09E-07	-0.010000
-1.28E-05	0.000237	1.46E-07	
69	0.000108	-2.71E-06	-6.43E-09
7.30E-07	1.50E-05	-1.51E-06	
70	0.000106	-2.46E-06	-6.67E-05
9.16E-07	1.45E-05	-1.23E-06	
71	0.000104	-2.16E-06	-0.000136
1.03E-06	1.32E-05	-1.17E-06	
72	0.000102	-1.87E-06	-0.000197
1.07E-06	1.12E-05	-1.02E-06	
73	0.000101	-1.57E-06	-0.000248
1.07E-06	8.94E-06	-8.52E-07	
74	0.000100	-1.26E-06	-0.000286
1.01E-06	5.99E-06	-6.27E-07	
75	0.000100	-9.50E-07	-0.000307
8.88E-07	2.38E-06	-3.51E-07	
76	0.000100	-6.32E-07	-0.000308
6.97E-07	-2.32E-06	1.03E-08	
77	0.000100	-3.15E-07	-0.000282
4.27E-07	-8.43E-06	4.86E-07	
78	0.000102	-3.13E-09	-0.000222
9.37E-08	-1.56E-05	1.05E-06	
79	0.000104	2.98E-07	-0.000127
-2.61E-07	-2.25E-05	1.59E-06	
80	0.000108	5.86E-07	3.42E-08
-5.85E-07	-2.84E-05	2.06E-06	
81	0.000112	8.58E-07	0.000153
-8.61E-07	-3.28E-05	2.41E-06	
82	0.000116	1.12E-06	0.000323
-1.08E-06	-3.51E-05	2.60E-06	
83	0.000120	1.36E-06	0.000498
-1.24E-06	-3.46E-05	2.57E-06	
84	0.000125	1.59E-06	0.000662
-1.34E-06	-3.04E-05	2.25E-06	
85	0.000128	1.81E-06	0.000795
-1.39E-06	-2.23E-05	1.62E-06	
86	0.000130	2.00E-06	0.000877
-1.34E-06	-1.03E-05	6.92E-07	
87	0.000131	2.18E-06	0.000891
-1.19E-06	5.62E-06	-5.46E-07	
88	0.000129	2.34E-06	0.000815
-9.26E-07	2.53E-05	-2.10E-06	
89	0.000124	2.49E-06	0.000637
-6.21E-07	4.56E-05	-3.71E-06	
90	0.000117	2.63E-06	0.000364
-4.34E-07	6.39E-05	-5.13E-06	
91	0.000108	2.79E-06	-4.00E-08
-7.44E-07	8.26E-05	-6.60E-06	
92	9.56E-05	2.97E-06	-0.000463
-1.72E-06	0.000104	-8.20E-06	
93	8.07E-05	3.10E-06	-0.001040
-3.40E-06	0.000129	-1.01E-05	
94	6.25E-05	3.16E-06	-0.001745
-5.28E-06	0.000154	-1.20E-05	
95	4.12E-05	3.08E-06	-0.002569
-7.02E-06	0.000176	-1.37E-05	
96	1.75E-05	2.89E-06	-0.003489
-8.48E-06	0.000193	-1.49E-05	
97	-8.23E-06	2.56E-06	-0.004483
-9.66E-06	0.000206	-1.59E-05	
98	-3.53E-05	2.12E-06	-0.005535
-1.06E-05	0.000216	-1.67E-05	
99	-6.37E-05	1.56E-06	-0.006634
-1.14E-05	0.000224	-1.73E-05	
100	-9.29E-05	8.90E-07	-0.007769
-1.21E-05	0.000231	-1.78E-05	
101	-0.000123	1.45E-07	-0.008935
-1.27E-05	0.000236	-1.77E-05	
102	-0.000150	-6.14E-07	-0.010000
-1.32E-05	0.000238	-2.11E-05	
103	8.97E-05	6.57E-06	.000000
-4.64E-07	1.49E-05	4.25E-08	
104	0.000143	2.09E-05	.000000
3.61E-06	-2.80E-05	5.75E-08	
105	3.06E-26	-3.64E-08	.000000
-6.36E-07	8.28E-05	8.91E-08	
106	-0.000433	6.35E-05	-0.010000
3.05E-05	0.000236	1.75E-07	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
107	8.91E-05	-1.20E-22	.000000
6.28E-07	1.52E-05	2.59E-08	
108	0.000144	2.27E-25	.000000
-4.56E-07	-2.86E-05	7.96E-08	
109	.000000	.000000	.000000
-6.57E-07	8.24E-05	9.14E-08	
110	-0.000435	1.90E-21	-0.010000
-4.12E-06	0.000238	1.46E-07	

LOAD -2N+1- ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	9.76E-05	1.23E-05	-0.010000
-1.78E-05	-0.000320	1.51E-07	
2	0.000135	1.08E-05	-0.008572
-1.80E-05	-0.000316	1.48E-07	
3	0.000174	9.27E-06	-0.007026
-1.76E-05	-0.000304	1.39E-07	
4	0.000212	7.70E-06	-0.005558
-1.70E-05	-0.000286	1.30E-07	
5	0.000248	6.18E-06	-0.004182
-1.61E-05	-0.000266	1.18E-07	
6	0.000280	4.73E-06	-0.002924
-1.48E-05	-0.000239	1.03E-07	
7	0.000309	3.42E-06	-0.001813
-1.31E-05	-0.000207	8.65E-08	
8	0.000333	2.25E-06	-0.000886
-1.08E-05	-0.000164	6.67E-08	
9	0.000350	1.32E-06	-0.000202
-7.91E-06	-0.000109	4.22E-08	
10	0.000360	6.43E-07	0.000180
-4.77E-06	-4.36E-05	1.38E-08	
11	0.000361	2.16E-07	0.000235
-2.05E-06	1.96E-05	-1.20E-08	
12	0.000355	-1.89E-08	-4.95E-08
4.72E-09	7.43E-05	-3.12E-08	
13	0.000342	-1.12E-07	-0.000489
7.76E-07	0.000121	-2.78E-08	
14	0.000324	-1.02E-07	-0.001193
1.09E-06	0.000162	-1.78E-08	
15	0.000301	-1.01E-08	-0.002097
1.08E-06	0.000202	-2.89E-09	
16	0.000273	1.40E-07	-0.003182
7.66E-07	0.000233	1.25E-08	
17	0.000242	3.05E-07	-0.004381
3.14E-07	0.000248	2.21E-08	
18	0.000210	4.37E-07	-0.005619
-1.80E-07	0.000248	2.40E-08	
19	0.000179	4.99E-07	-0.006818
-6.38E-07	0.000233	1.87E-08	
20	0.000151	4.68E-07	-0.007903
-9.56E-07	0.000202	7.87E-09	
21	0.000127	3.50E-07	-0.008807
-1.01E-06	0.000162	-6.82E-09	
22	0.000109	1.65E-07	-0.009511
-7.11E-07	0.000121	-2.40E-08	
23	9.66E-05	-4.46E-08	-0.010000
3.02E-08	7.43E-05	-4.32E-08	
24	9.05E-05	-2.19E-07	-0.010236
2.01E-06	1.96E-05	-7.91E-08	
25	9.20E-05	-2.85E-07	-0.010180
4.71E-06	-4.36E-05	-1.22E-07	
26	0.000102	-1.97E-07	-0.009798
7.84E-06	-0.000109	-1.67E-07	
27	0.000120	6.94E-08	-0.009115
1.07E-05	-0.000164	-2.07E-07	
28	0.000144	4.88E-07	-0.008187
1.30E-05	-0.000207	-2.35E-07	
29	0.000173	1.07E-06	-0.007076
1.47E-05	-0.000239	-2.50E-07	
30	0.000205	1.79E-06	-0.005818
1.61E-05	-0.000266	-2.54E-07	
31	0.000241	2.67E-06	-0.004442
1.70E-05	-0.000286	-2.48E-07	
32	0.000279	3.68E-06	-0.002974
1.76E-05	-0.000304	-2.34E-07	
33	0.000319	4.86E-06	-0.001428
1.79E-05	-0.000316	-2.14E-07	
34	0.000355	5.99E-06	-1.33E-08
1.78E-05	-0.000320	-1.97E-07	
35	9.62E-05	1.25E-05	-0.010000
-1.77E-05	-0.000321	2.51E-07	
36	0.000133	1.16E-05	-0.008561
-1.79E-05	-0.000317	2.50E-07	
37	0.000173	1.05E-05	-0.007003
-1.77E-05	-0.000304	2.39E-07	
38	0.000211	9.38E-06	-0.005525
-1.70E-05	-0.000287	2.14E-07	
39	0.000247	8.23E-06	-0.004142
-1.61E-05	-0.000266	1.77E-07	
40	0.000279	6.99E-06	-0.002880
-1.48E-05	-0.000238	1.29E-07	
41	0.000308	5.70E-06	-0.001768
-1.30E-05	-0.000205	7.18E-08	
42	0.000332	4.35E-06	-0.000843
-1.08E-05	-0.000162	9.35E-09	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
43	0.000349	3.03E-06	-0.000168
-7.97E-06	-0.000106	-5.27E-08	
44	0.000359	1.80E-06	0.000202
-4.85E-06	-4.08E-05	-1.01E-07	
45	0.000360	8.04E-07	0.000245
-2.12E-06	2.19E-05	-1.16E-07	
46	0.000354	1.35E-07	-3.84E-08
-1.11E-07	7.50E-05	-8.91E-08	
47	0.000341	-1.35E-07	-0.000491
6.97E-07	0.000120	-3.95E-08	
48	0.000323	-1.34E-07	-0.001194
1.01E-06	0.000161	-8.72E-09	
49	0.000300	-2.10E-10	-0.002097
9.84E-07	0.000200	7.16E-09	
50	0.000272	1.67E-07	-0.003181
7.11E-07	0.000231	1.28E-08	
51	0.000242	3.05E-07	-0.004381
2.97E-07	0.000247	1.41E-08	
52	0.000210	3.93E-07	-0.005620
-1.62E-07	0.000247	1.57E-08	
53	0.000179	4.35E-07	-0.006820
-5.81E-07	0.000231	1.76E-08	
54	0.000151	4.34E-07	-0.007904
-8.61E-07	0.000200	1.61E-08	
55	0.000128	3.78E-07	-0.008807
-9.06E-07	0.000161	2.10E-09	
56	0.000110	2.11E-07	-0.009509
-6.39E-07	0.000120	-3.42E-08	
57	9.74E-05	-1.49E-07	-0.010000
1.14E-07	7.49E-05	-1.02E-07	
58	9.11E-05	-7.44E-07	-0.010244
2.09E-06	2.18E-05	-1.86E-07	
59	9.21E-05	-1.39E-06	-0.010202
4.79E-06	-4.08E-05	-2.41E-07	
60	0.000101	-1.86E-06	-0.009831
7.87E-06	-0.000106	-2.67E-07	
61	0.000119	-2.00E-06	-0.009156
1.07E-05	-0.000162	-2.68E-07	
62	0.000142	-1.78E-06	-0.008232
1.30E-05	-0.000205	-2.51E-07	
63	0.000171	-1.19E-06	-0.007120
1.47E-05	-0.000238	-2.25E-07	
64	0.000203	-2.75E-07	-0.005858
1.61E-05	-0.000266	-1.94E-07	
65	0.000239	9.59E-07	-0.004475
1.70E-05	-0.000287	-1.63E-07	
66	0.000277	2.43E-06	-0.002997
1.76E-05	-0.000304	-1.34E-07	
67	0.000317	4.11E-06	-0.001439
1.79E-05	-0.000317	-1.07E-07	
68	0.000354	5.71E-06	-1.39E-08
1.77E-05	-0.000321	-8.98E-08	
69	9.67E-05	1.24E-05	-0.010000
-1.73E-05	-0.000321	2.85E-05	
70	0.000134	1.12E-05	-0.008566
-1.77E-05	-0.000316	2.37E-05	
71	0.000174	9.89E-06	-0.007014
-1.76E-05	-0.000304	2.34E-05	
72	0.000212	8.54E-06	-0.005542
-1.70E-05	-0.000286	2.21E-05	
73	0.000247	7.21E-06	-0.004162
-1.61E-05	-0.000266	2.05E-05	
74	0.000280	5.87E-06	-0.002902
-1.46E-05	-0.000239	1.84E-05	
75	0.000308	4.56E-06	-0.001790
-1.27E-05	-0.000206	1.59E-05	
76	0.000332	3.30E-06	-0.000865
-9.99E-06	-0.000163	1.26E-05	
77	0.000350	2.17E-06	-0.000186
-6.55E-06	-0.000107	8.20E-06	
78	0.000360	1.21E-06	0.000191
-2.67E-06	-4.23E-05	3.06E-06	
79	0.000361	5.04E-07	0.000240
9.05E-07	2.07E-05	-1.90E-06	
80	0.000355	5.01E-08	-1.85E-07
3.05E-06	7.46E-05	-6.11E-06	
81	0.000342	-1.24E-07	-0.000490
3.76E-06	0.000121	-9.67E-06	
82	0.000324	-1.21E-07	-0.001193
3.25E-06	0.000162	-1.28E-05	
83	0.000301	-1.52E-08	-0.002097
2.36E-06	0.000201	-1.59E-05	
84	0.000273	1.46E-07	-0.003182
1.43E-06	0.000232	-1.82E-05	
85	0.000242	2.98E-07	-0.004381
5.14E-07	0.000247	-1.94E-05	
86	0.000210	4.09E-07	-0.005619
-3.68E-07	0.000247	-1.93E-05	
87	0.000179	4.62E-07	-0.006819
-1.28E-06	0.000232	-1.81E-05	
88	0.000151	4.59E-07	-0.007903
-2.22E-06	0.000201	-1.56E-05	
89	0.000128	3.68E-07	-0.008807
-3.12E-06	0.000162	-1.24E-05	
90	0.000109	1.85E-07	-0.009510
-3.67E-06	0.000121	-9.22E-06	
91	9.67E-05	-9.84E-08	-0.010000
-3.05E-06	7.46E-05	-5.61E-06	
92	9.06E-05	-4.82E-07	-0.010240
-9.85E-07	2.07E-05	-1.45E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
93	9.19E-05	-8.34E-07	-0.010191
2.55E-06	-4.23E-05	3.40E-06	
94	0.000102	-1.03E-06	-0.009814
6.44E-06	-0.000107	8.44E-06	
95	0.000119	-9.64E-07	-0.009135
9.89E-06	-0.000163	1.27E-05	
96	0.000143	-6.53E-07	-0.008209
1.26E-05	-0.000206	1.60E-05	
97	0.000172	-6.51E-08	-0.007098
1.46E-05	-0.000239	1.85E-05	
98	0.000204	7.59E-07	-0.005838
1.60E-05	-0.000266	2.05E-05	
99	0.000240	1.81E-06	-0.004458
1.70E-05	-0.000286	2.21E-05	
100	0.000278	3.06E-06	-0.002985
1.76E-05	-0.000304	2.35E-05	
101	0.000318	4.46E-06	-0.001434
1.77E-05	-0.000316	2.38E-05	
102	0.000355	5.86E-06	-4.18E-07
1.73E-05	-0.000321	2.87E-05	
103	0.000481	3.49E-05	-0.010000
1.15E-05	-0.000321	1.51E-07	
104	0.000256	3.74E-05	.000000
-1.07E-05	7.35E-05	-3.12E-08	
105	1.25E-26	-5.26E-09	-0.010000
1.39E-06	7.43E-05	-4.32E-08	
106	0.000732	-0.000108	.000000
-4.07E-05	-0.000318	-1.97E-07	
107	0.000256	-4.98E-22	-0.010000
-1.19E-05	-0.000321	2.51E-07	
108	0.000256	-1.70E-25	.000000
-1.14E-07	7.50E-05	-8.91E-08	
109	.000000	.000000	-0.010000
1.49E-06	7.49E-05	-1.02E-07	
110	0.000739	2.14E-21	.000000
5.98E-06	-0.000322	-8.98E-08	

LOAD -2N+2- ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	-9.76E-05	-1.23E-05	-1.33E-08
1.78E-05	0.000320	-1.51E-07	
2	-0.000135	-1.08E-05	-0.001428
1.80E-05	0.000316	-1.48E-07	
3	-0.000174	-9.27E-06	-0.002974
1.76E-05	0.000304	-1.39E-07	
4	-0.000212	-7.70E-06	-0.004442
1.70E-05	0.000286	-1.30E-07	
5	-0.000248	-6.18E-06	-0.005818
1.61E-05	0.000266	-1.18E-07	
6	-0.000280	-4.73E-06	-0.007076
1.48E-05	0.000239	-1.03E-07	
7	-0.000309	-3.42E-06	-0.008187
1.31E-05	0.000207	-8.65E-08	
8	-0.000333	-2.25E-06	-0.009114
1.08E-05	0.000164	-6.67E-08	
9	-0.000350	-1.32E-06	-0.009798
7.91E-06	0.000109	-4.22E-08	
10	-0.000360	-6.43E-07	-0.010180
4.77E-06	4.36E-05	-1.38E-08	
11	-0.000361	-2.16E-07	-0.010235
2.05E-06	-1.96E-05	1.20E-08	
12	-0.000355	1.89E-08	-0.010000
-4.72E-09	-7.43E-05	3.12E-08	
13	-0.000342	1.12E-07	-0.009511
-7.76E-07	-0.000121	2.78E-08	
14	-0.000324	1.02E-07	-0.008807
-1.09E-06	-0.000162	1.78E-08	
15	-0.000301	1.01E-08	-0.007903
-1.08E-06	-0.000202	2.89E-09	
16	-0.000273	-1.40E-07	-0.006818
-7.66E-07	-0.000233	-1.25E-08	
17	-0.000242	-3.05E-07	-0.005619
-3.14E-07	-0.000248	-2.21E-08	
18	-0.000210	-4.37E-07	-0.004381
1.80E-07	-0.000248	-2.40E-08	
19	-0.000179	-4.99E-07	-0.003182
6.38E-07	-0.000233	-1.87E-08	
20	-0.000151	-4.68E-07	-0.002097
9.56E-07	-0.000202	-7.87E-09	
21	-0.000127	-3.50E-07	-0.001193
1.01E-06	-0.000162	6.82E-09	
22	-0.000109	-1.65E-07	-0.000489
7.11E-07	-0.000121	2.40E-08	
23	-9.66E-05	4.46E-08	-4.95E-08
-3.02E-08	-7.43E-05	4.32E-08	
24	-9.05E-05	2.19E-07	0.000236
-2.01E-06	-1.96E-05	7.91E-08	
25	-9.20E-05	2.85E-07	0.000180
-4.71E-06	4.36E-05	1.22E-07	
26	-0.000102	1.97E-07	-0.000202
-7.84E-06	0.000109	1.67E-07	
27	-0.000120	-6.94E-08	-0.000885
-1.07E-05	0.000164	2.07E-07	
28	-0.000144	-4.88E-07	-0.001813
-1.30E-05	0.000207	2.35E-07	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
29	-0.000173	-1.07E-06	-0.002924
-1.47E-05	0.000239	2.50E-07	
30	-0.000205	-1.79E-06	-0.004182
-1.61E-05	0.000266	2.54E-07	
31	-0.000241	-2.67E-06	-0.005558
-1.70E-05	0.000286	2.48E-07	
32	-0.000279	-3.68E-06	-0.007026
-1.76E-05	0.000304	2.34E-07	
33	-0.000319	-4.86E-06	-0.008572
-1.79E-05	0.000316	2.14E-07	
34	-0.000355	-5.99E-06	-0.010000
-1.78E-05	0.000320	1.97E-07	
35	-9.62E-05	-1.25E-05	-1.39E-08
1.77E-05	0.000321	-2.51E-07	
36	-0.000133	-1.16E-05	-0.001439
1.79E-05	0.000317	-2.50E-07	
37	-0.000173	-1.05E-05	-0.002997
1.77E-05	0.000304	-2.39E-07	
38	-0.000211	-9.38E-06	-0.004475
1.70E-05	0.000287	-2.14E-07	
39	-0.000247	-8.23E-06	-0.005858
1.61E-05	0.000266	-1.77E-07	
40	-0.000279	-6.99E-06	-0.007120
1.48E-05	0.000238	-1.29E-07	
41	-0.000308	-5.70E-06	-0.008232
1.30E-05	0.000205	-7.18E-08	
42	-0.000332	-4.35E-06	-0.009157
1.08E-05	0.000162	-9.35E-09	
43	-0.000349	-3.03E-06	-0.009832
7.97E-06	0.000106	5.27E-08	
44	-0.000359	-1.80E-06	-0.010202
4.85E-06	4.08E-05	1.01E-07	
45	-0.000360	-8.04E-07	-0.010245
2.12E-06	-2.19E-05	1.16E-07	
46	-0.000354	-1.35E-07	-0.010000
1.11E-07	-7.50E-05	8.91E-08	
47	-0.000341	1.35E-07	-0.009509
-6.97E-07	-0.000120	3.95E-08	
48	-0.000323	1.34E-07	-0.008806
-1.01E-06	-0.000161	8.72E-09	
49	-0.000300	7.00E-10	-0.007903
-9.84E-07	-0.000200	-7.16E-09	
50	-0.000272	-1.67E-07	-0.006819
-7.11E-07	-0.000231	-1.28E-08	
51	-0.000242	-3.05E-07	-0.005619
-2.97E-07	-0.000247	-1.41E-08	
52	-0.000210	-3.93E-07	-0.004380
1.62E-07	-0.000247	-1.57E-08	
53	-0.000179	-4.35E-07	-0.003180
5.81E-07	-0.000231	-1.76E-08	
54	-0.000151	-4.34E-07	-0.002096
8.61E-07	-0.000200	-1.61E-08	
55	-0.000128	-3.78E-07	-0.001193
9.06E-07	-0.000161	-2.10E-09	
56	-0.000110	-2.11E-07	-0.000491
6.39E-07	-0.000120	3.42E-08	
57	-9.74E-05	1.49E-07	-3.84E-08
-1.14E-07	-7.49E-05	1.02E-07	
58	-9.11E-05	7.44E-07	0.000244
-2.09E-06	-2.18E-05	1.86E-07	
59	-9.21E-05	1.39E-06	0.000202
-4.79E-06	4.08E-05	2.41E-07	
60	-0.000101	1.86E-06	-0.000169
-7.87E-06	0.000106	2.67E-07	
61	-0.000119	2.00E-06	-0.000844
-1.07E-05	0.000162	2.68E-07	
62	-0.000142	1.78E-06	-0.001768
-1.30E-05	0.000205	2.51E-07	
63	-0.000171	1.19E-06	-0.002880
-1.47E-05	0.000238	2.25E-07	
64	-0.000203	2.75E-07	-0.004142
-1.61E-05	0.000266	1.94E-07	
65	-0.000239	-9.59E-07	-0.005525
-1.70E-05	0.000287	1.63E-07	
66	-0.000277	-2.43E-06	-0.007003
-1.76E-05	0.000304	1.34E-07	
67	-0.000317	-4.11E-06	-0.008561
-1.79E-05	0.000317	1.07E-07	
68	-0.000354	-5.71E-06	-0.010000
-1.77E-05	0.000321	8.98E-08	
69	-9.67E-05	-1.24E-05	-8.06E-08
1.73E-05	0.000321	-2.85E-05	
70	-0.000134	-1.12E-05	-0.001434
1.77E-05	0.000316	-2.37E-05	
71	-0.000174	-9.89E-06	-0.002986
1.76E-05	0.000304	-2.34E-05	
72	-0.000212	-8.54E-06	-0.004458
1.70E-05	0.000286	-2.21E-05	
73	-0.000247	-7.21E-06	-0.005838
1.61E-05	0.000266	-2.05E-05	
74	-0.000280	-5.87E-06	-0.007098
1.46E-05	0.000239	-1.84E-05	
75	-0.000308	-4.56E-06	-0.008210
1.27E-05	0.000206	-1.59E-05	
76	-0.000332	-3.30E-06	-0.009135
9.99E-06	0.000163	-1.26E-05	
77	-0.000350	-2.17E-06	-0.009814
6.55E-06	0.000107	-8.20E-06	
78	-0.000360	-1.21E-06	-0.010191
2.67E-06	4.23E-05	-3.06E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
79	-0.000361	-5.04E-07	-0.010240
-9.05E-07	-2.07E-05	1.90E-06	
80	-0.000355	-5.01E-08	-0.010000
-3.05E-06	-7.46E-05	6.11E-06	
81	-0.000342	1.24E-07	-0.009510
-3.76E-06	-0.000121	9.67E-06	
82	-0.000324	1.21E-07	-0.008807
-3.25E-06	-0.000162	1.28E-05	
83	-0.000301	1.52E-08	-0.007903
-2.36E-06	-0.000201	1.59E-05	

84	-0.000273	-1.46E-07	-0.006818
-1.43E-06	-0.000232	1.82E-05	
85	-0.000242	-2.98E-07	-0.005619
-5.14E-07	-0.000247	1.94E-05	
86	-0.000210	-4.09E-07	-0.004381
3.68E-07	-0.000247	1.93E-05	
87	-0.000179	-4.62E-07	-0.003181
1.28E-06	-0.000232	1.81E-05	
88	-0.000151	-4.59E-07	-0.002097
2.22E-06	-0.000201	1.56E-05	
89	-0.000128	-3.68E-07	-0.001193
3.12E-06	-0.000162	1.24E-05	
90	-0.000109	-1.85E-07	-0.000490
3.67E-06	-0.000121	9.22E-06	
91	-9.67E-05	9.84E-08	-1.76E-07
3.05E-06	-7.46E-05	5.61E-06	
92	-9.06E-05	4.82E-07	0.000240
9.85E-07	-2.07E-05	1.45E-06	
93	-9.19E-05	8.34E-07	0.000191
-2.55E-06	4.23E-05	-3.40E-06	
94	-0.000102	1.03E-06	-0.000186
-6.44E-06	0.000107	-8.44E-06	
95	-0.000119	9.64E-07	-0.000865
-9.89E-06	0.000163	-1.27E-05	
96	-0.000143	6.53E-07	-0.001791
-1.26E-05	0.000206	-1.60E-05	
97	-0.000172	6.51E-08	-0.002902
-1.46E-05	0.000239	-1.85E-05	
98	-0.000204	-7.59E-07	-0.004162
-1.60E-05	0.000266	-2.05E-05	
99	-0.000240	-1.81E-06	-0.005542
-1.70E-05	0.000286	-2.21E-05	
100	-0.000278	-3.06E-06	-0.007015
-1.76E-05	0.000304	-2.35E-05	
101	-0.000318	-4.46E-06	-0.008566
-1.77E-05	0.000316	-2.38E-05	
102	-0.000355	-5.86E-06	-0.010000
-1.73E-05	0.000321	-2.87E-05	
103	-0.000481	-3.49E-05	.000000
-1.15E-05	0.000321	-1.51E-07	
104	-0.000256	-3.74E-05	-0.010000
1.07E-05	-7.35E-05	3.12E-08	
105	-6.08E-27	5.26E-09	.000000
-1.39E-06	-7.43E-05	4.32E-08	
106	-0.000732	0.000108	-0.010000
4.07E-05	0.000318	1.97E-07	
107	-0.000482	1.99E-22	.000000
1.19E-05	0.000321	-2.51E-07	
108	-0.000256	1.72E-24	-0.010000
1.14E-07	-7.50E-05	8.91E-08	
109	.000000	.000000	.000000
-1.49E-06	-7.49E-05	1.02E-07	
110	-0.000739	-6.32E-22	-0.010000
-5.98E-06	0.000322	8.98E-08	

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JOINT	U1	U2	U3
R1	R2	R3	
1	0.000318	1.40E-05	7.75E-09
1.78E-05	0.000320	1.51E-07	
2	0.000327	1.29E-05	0.000365
1.80E-05	0.000316	1.48E-07	
3	0.000337	1.16E-05	0.000747
1.76E-05	0.000304	1.39E-07	
4	0.000346	1.03E-05	0.001081
1.70E-05	0.000286	1.30E-07	
5	0.000353	9.08E-06	0.001359
1.61E-05	0.000266	1.18E-07	
6	0.000358	7.86E-06	0.001566
1.48E-05	0.000239	1.03E-07	
7	0.000361	6.72E-06	0.001684
1.31E-05	0.000207	8.65E-08	
8	0.000361	5.66E-06	0.001690
1.08E-05	0.000166	7.16E-08	
9	0.000358	4.73E-06	0.001548
7.91E-06	0.000117	5.85E-08	
10	0.000360	3.94E-06	0.001223
4.77E-06	8.57E-05	5.01E-08	
11	0.000361	3.29E-06	0.000700
2.23E-06	0.000124	5.39E-08	
12	0.000355	2.74E-06	9.14E-09
2.15E-06	0.000157	5.75E-08	
13	0.000342	2.29E-06	0.000363
2.52E-06	0.000185	6.04E-08	
14	0.000324	1.91E-06	0.000635
2.62E-06	0.000208	6.35E-08	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
15	0.000301	1.61E-06	0.000811
2.49E-06	0.000227	6.69E-08	
16	0.000273	1.38E-06	0.000886
2.15E-06	0.000238	7.06E-08	
17	0.000242	1.53E-06	0.000872
1.69E-06	0.000248	7.42E-08	
18	0.000210	1.72E-06	0.000872
1.66E-06	0.000248	7.77E-08	
19	0.000179	1.92E-06	0.000885
2.12E-06	0.000233	8.08E-08	
20	0.000151	2.14E-06	0.000811
2.46E-06	0.000202	8.35E-08	
21	0.000127	2.36E-06	0.000635
2.59E-06	0.000162	8.53E-08	
22	0.000117	2.57E-06	0.000363
2.49E-06	0.000121	8.69E-08	
23	0.000108	2.76E-06	9.13E-09
2.12E-06	8.28E-05	8.91E-08	
24	9.56E-05	2.89E-06	0.000700
2.21E-06	0.000104	9.96E-08	
25	9.20E-05	2.94E-06	0.001223
4.71E-06	0.000129	1.22E-07	
26	0.000102	2.90E-06	0.001548
7.84E-06	0.000155	1.67E-07	
27	0.000120	2.74E-06	0.001690
1.07E-05	0.000177	2.07E-07	
28	0.000144	2.50E-06	0.001684
1.30E-05	0.000207	2.35E-07	
29	0.000173	2.17E-06	0.001566
1.47E-05	0.000239	2.50E-07	
30	0.000205	1.79E-06	0.001359
1.61E-05	0.000266	2.54E-07	
31	0.000241	2.67E-06	0.001081
1.70E-05	0.000286	2.48E-07	
32	0.000279	3.68E-06	0.000747
1.76E-05	0.000304	2.34E-07	
33	0.000319	4.86E-06	0.000365
1.79E-05	0.000316	2.14E-07	
34	0.000355	5.99E-06	7.75E-09
1.78E-05	0.000320	1.97E-07	
35	0.000318	1.42E-05	8.77E-09
1.77E-05	0.000321	2.51E-07	
36	0.000327	1.32E-05	0.000373
1.79E-05	0.000317	2.50E-07	
37	0.000337	1.21E-05	0.000763
1.77E-05	0.000304	2.39E-07	
38	0.000346	1.09E-05	0.001103
1.70E-05	0.000287	2.14E-07	
39	0.000353	9.81E-06	0.001386
1.61E-05	0.000266	1.77E-07	
40	0.000359	8.67E-06	0.001596
1.48E-05	0.000238	1.29E-07	
41	0.000362	7.53E-06	0.001714
1.30E-05	0.000205	7.26E-08	
42	0.000362	6.40E-06	0.001718
1.08E-05	0.000164	4.71E-08	
43	0.000358	5.32E-06	0.001571
7.97E-06	0.000115	5.58E-08	
44	0.000359	4.33E-06	0.001238
4.85E-06	8.69E-05	1.01E-07	
45	0.000360	3.48E-06	0.000707
2.27E-06	0.000125	1.16E-07	
46	0.000354	2.83E-06	8.76E-09
2.07E-06	0.000157	8.91E-08	
47	0.000341	2.41E-06	0.000364
2.46E-06	0.000184	8.41E-08	
48	0.000323	2.15E-06	0.000639
2.56E-06	0.000207	8.77E-08	
49	0.000300	1.99E-06	0.000819
2.44E-06	0.000226	8.97E-08	
50	0.000272	1.86E-06	0.000895
2.13E-06	0.000237	8.85E-08	
51	0.000242	2.08E-06	0.000883
1.69E-06	0.000247	8.33E-08	
52	0.000210	2.28E-06	0.000883
1.66E-06	0.000247	7.47E-08	
53	0.000179	2.44E-06	0.000896
2.09E-06	0.000231	6.44E-08	
54	0.000151	2.54E-06	0.000819
2.40E-06	0.000200	5.59E-08	
55	0.000128	2.61E-06	0.000640
2.52E-06	0.000161	5.43E-08	
56	0.000117	2.68E-06	0.000365
2.43E-06	0.000120	6.48E-08	
57	0.000107	2.81E-06	8.77E-09
2.05E-06	8.24E-05	1.02E-07	
58	9.54E-05	3.03E-06	0.000707
2.28E-06	0.000103	1.86E-07	
59	9.21E-05	3.27E-06	0.001238
4.79E-06	0.000128	2.41E-07	
60	0.000101	3.42E-06	0.001571
7.87E-06	0.000153	2.67E-07	
61	0.000119	3.43E-06	0.001718
1.07E-05	0.000175	2.68E-07	
62	0.000142	3.28E-06	0.001714
1.30E-05	0.000205	2.51E-07	
63	0.000171	2.95E-06	0.001596
1.47E-05	0.000238	2.25E-07	
64	0.000203	2.47E-06	0.001386
1.61E-05	0.000266	1.94E-07	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
65	0.000239	1.85E-06	0.001103
1.70E-05	0.000287	1.63E-07	
66	0.000277	2.43E-06	0.000763
1.76E-05	0.000304	1.50E-07	
67	0.000317	4.11E-06	0.000373
1.79E-05	0.000317	1.48E-07	
68	0.000354	5.71E-06	8.77E-09
1.77E-05	0.000321	1.46E-07	
69	0.000318	1.41E-05	3.72E-08
1.73E-05	0.000321	2.85E-05	
70	0.000327	1.31E-05	0.000369
1.77E-05	0.000316	2.37E-05	
71	0.000337	1.19E-05	0.000755
1.76E-05	0.000304	2.34E-05	
72	0.000346	1.06E-05	0.001092
1.70E-05	0.000286	2.21E-05	
73	0.000353	9.45E-06	0.001373
1.61E-05	0.000266	2.05E-05	
74	0.000359	8.27E-06	0.001581
1.46E-05	0.000239	1.84E-05	
75	0.000362	7.13E-06	0.001699
1.27E-05	0.000206	1.59E-05	
76	0.000362	6.04E-06	0.001704
9.99E-06	0.000165	1.34E-05	
77	0.000358	5.02E-06	0.001559
6.55E-06	0.000116	1.17E-05	
78	0.000360	4.13E-06	0.001230
2.67E-06	8.62E-05	9.72E-06	
79	0.000361	3.38E-06	0.000703
2.72E-06	0.000124	7.77E-06	
80	0.000355	2.78E-06	3.42E-08
3.80E-06	0.000157	6.13E-06	
81	0.000342	2.35E-06	0.000364
4.12E-06	0.000185	9.67E-06	
82	0.000324	2.03E-06	0.000637
3.76E-06	0.000207	1.28E-05	
83	0.000301	1.80E-06	0.000815
3.17E-06	0.000226	1.59E-05	
84	0.000273	1.62E-06	0.000890
2.49E-06	0.000238	1.82E-05	
85	0.000242	1.81E-06	0.000877
1.74E-06	0.000247	1.94E-05	
86	0.000210	2.00E-06	0.000877
1.71E-06	0.000247	1.93E-05	
87	0.000179	2.18E-06	0.000891
2.46E-06	0.000232	1.86E-05	
88	0.000151	2.34E-06	0.000815
3.14E-06	0.000201	1.77E-05	
89	0.000128	2.49E-06	0.000637
3.74E-06	0.000162	1.61E-05	
90	0.000117	2.63E-06	0.000364
4.10E-06	0.000121	1.43E-05	
91	0.000108	2.79E-06	4.51E-08
3.79E-06	8.26E-05	1.22E-05	
92	9.56E-05	2.97E-06	0.000703
2.70E-06	0.000104	9.65E-06	
93	9.19E-05	3.10E-06	0.001230
2.56E-06	0.000129	6.67E-06	
94	0.000102	3.16E-06	0.001559
6.44E-06	0.000154	9.05E-06	
95	0.000119	3.08E-06	0.001704
9.89E-06	0.000176	1.28E-05	
96	0.000143	2.89E-06	0.001699
1.26E-05	0.000206	1.60E-05	
97	0.000172	2.56E-06	0.001581
1.46E-05	0.000239	1.85E-05	
98	0.000204	2.12E-06	0.001373
1.60E-05	0.000266	2.05E-05	
99	0.000240	1.81E-06	0.001092
1.70E-05	0.000286	2.21E-05	
100	0.000278	3.06E-06	0.000755
1.76E-05	0.000304	2.35E-05	
101	0.000318	4.46E-06	0.000369
1.77E-05	0.000316	2.38E-05	
102	0.000355	5.86E-06	1.40E-07
1.73E-05	0.000321	2.87E-05	
103	0.000481	3.49E-05	.000000
1.15E-05	0.000321	1.51E-07	
104	0.000256	3.74E-05	.000000
1.07E-05	0.000156	5.75E-08	
105	-5.65E-27	4.16E-08	.000000
1.39E-06	8.28E-05	8.91E-08	
106	0.000732	0.000108	.000000
4.07E-05	0.000318	1.97E-07	
107	0.000482	2.09E-22	.000000
1.19E-05	0.000321	2.51E-07	
108	0.000256	1.25E-24	.000000
2.06E-06	0.000157	8.91E-08	
109	.000000	.000000	.000000
1.49E-06	8.24E-05	1.02E-07	
110	0.000739	2.14E-21	.000000
5.98E-06	0.000322	1.46E-07	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB SETTLE ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000220	-1.23E-05	-0.010000
-1.78E-05	-0.000320	-1.93E-07	
2	-0.000241	-1.08E-05	-0.008937
-1.80E-05	-0.000316	-1.88E-07	
3	-0.000279	-9.27E-06	-0.007773
-1.76E-05	-0.000304	-1.78E-07	
4	-0.000315	-7.70E-06	-0.006639
-1.70E-05	-0.000286	-1.68E-07	
5	-0.000349	-6.18E-06	-0.005818
-1.61E-05	-0.000266	-1.56E-07	
6	-0.000381	-4.73E-06	-0.007076
-1.48E-05	-0.000239	-1.42E-07	
7	-0.000409	-3.42E-06	-0.008187
-1.31E-05	-0.000207	-1.27E-07	
8	-0.000433	-3.41E-06	-0.009114
-1.08E-05	-0.000177	-1.10E-07	
9	-0.000451	-3.41E-06	-0.009798
-7.91E-06	-0.000155	-8.86E-08	
10	-0.000462	-3.30E-06	-0.010180
-4.77E-06	-0.000129	-6.39E-08	
11	-0.000466	-3.07E-06	-0.010235
-3.15E-06	-0.000104	-4.19E-08	
12	-0.000463	-2.76E-06	-0.010000
-2.15E-06	-8.29E-05	-4.38E-08	
13	-0.000454	-2.40E-06	-0.009663
-1.74E-06	-0.000121	-3.81E-08	
14	-0.000440	-2.01E-06	-0.009128
-1.52E-06	-0.000162	-4.57E-08	
15	-0.000422	-1.62E-06	-0.008398
-1.42E-06	-0.000202	-6.40E-08	
16	-0.000398	-1.49E-06	-0.007475
-1.39E-06	-0.000233	-8.31E-08	
17	-0.000370	-1.84E-06	-0.006408
-1.43E-06	-0.000248	-9.63E-08	
18	-0.000340	-2.16E-06	-0.006408
-1.48E-06	-0.000248	-1.02E-07	
19	-0.000310	-2.42E-06	-0.007476
-1.48E-06	-0.000238	-9.96E-08	
20	-0.000279	-2.61E-06	-0.008398
-1.50E-06	-0.000227	-9.13E-08	
21	-0.000252	-2.71E-06	-0.009128
-1.59E-06	-0.000208	-7.85E-08	
22	-0.000226	-2.74E-06	-0.009663
-1.78E-06	-0.000185	-6.29E-08	
23	-0.000204	-2.72E-06	-0.010000
-2.15E-06	-0.000157	-4.59E-08	
24	-0.000186	-2.68E-06	-0.010236
-3.10E-06	-0.000124	-7.91E-08	
25	-0.000173	-2.66E-06	-0.010180
-4.71E-06	-8.57E-05	-1.22E-07	
26	-0.000164	-2.70E-06	-0.009798
-7.84E-06	-0.000117	-1.67E-07	
27	-0.000160	-2.81E-06	-0.009115
-1.07E-05	-0.000166	-2.07E-07	
28	-0.000161	-2.99E-06	-0.008187
-1.30E-05	-0.000207	-2.35E-07	
29	-0.000173	-3.24E-06	-0.007076
-1.47E-05	-0.000239	-2.50E-07	
30	-0.000205	-3.55E-06	-0.005818
-1.61E-05	-0.000266	-2.54E-07	
31	-0.000241	-3.92E-06	-0.006639
-1.70E-05	-0.000286	-2.48E-07	
32	-0.000279	-4.35E-06	-0.007773
-1.76E-05	-0.000304	-2.34E-07	
33	-0.000319	-4.86E-06	-0.008937
-1.79E-05	-0.000316	-2.14E-07	
34	-0.000355	-5.99E-06	-0.010000
-1.78E-05	-0.000320	-2.00E-07	
35	-0.000222	-1.25E-05	-0.010000
-1.77E-05	-0.000321	-2.77E-07	
36	-0.000239	-1.16E-05	-0.008934
-1.79E-05	-0.000317	-2.75E-07	
37	-0.000277	-1.05E-05	-0.007766
-1.77E-05	-0.000304	-2.63E-07	
38	-0.000314	-9.38E-06	-0.006628
-1.70E-05	-0.000287	-2.39E-07	
39	-0.000348	-8.23E-06	-0.005858
-1.61E-05	-0.000266	-2.05E-07	
40	-0.000379	-6.99E-06	-0.007120
-1.48E-05	-0.000238	-1.62E-07	
41	-0.000407	-5.70E-06	-0.008232
-1.30E-05	-0.000205	-1.11E-07	
42	-0.000431	-4.35E-06	-0.009157
-1.08E-05	-0.000175	-5.64E-08	
43	-0.000449	-3.03E-06	-0.009832
-7.97E-06	-0.000153	-5.28E-08	
44	-0.000460	-2.52E-06	-0.010202
-4.85E-06	-0.000128	-1.01E-07	
45	-0.000464	-2.68E-06	-0.010245
-3.16E-06	-0.000103	-1.16E-07	
46	-0.000461	-2.69E-06	-0.010000
-2.18E-06	-8.23E-05	-8.91E-08	
47	-0.000452	-2.55E-06	-0.009663
-1.76E-06	-0.000120	-4.45E-08	
48	-0.000439	-2.29E-06	-0.009132
-1.55E-06	-0.000161	-7.90E-08	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000420	-1.99E-06	-0.008405
-1.45E-06	-0.000200	-9.68E-08	
50	-0.000397	-2.00E-06	-0.007486
-1.42E-06	-0.000231	-1.01E-07	
51	-0.000369	-2.38E-06	-0.006419
-1.45E-06	-0.000247	-9.74E-08	
52	-0.000340	-2.68E-06	-0.006419
-1.50E-06	-0.000247	-9.04E-08	
53	-0.000309	-2.87E-06	-0.007486
-1.51E-06	-0.000237	-8.20E-08	
54	-0.000279	-2.97E-06	-0.008406
-1.54E-06	-0.000226	-7.20E-08	
55	-0.000252	-2.99E-06	-0.009132
-1.62E-06	-0.000207	-5.64E-08	
56	-0.000227	-2.89E-06	-0.009663
-1.79E-06	-0.000184	-3.42E-08	
57	-0.000205	-2.67E-06	-0.010000
-2.16E-06	-0.000157	-1.02E-07	
58	-0.000186	-2.29E-06	-0.010244
-3.11E-06	-0.000125	-1.86E-07	
59	-0.000173	-1.88E-06	-0.010202
-4.79E-06	-8.69E-05	-2.41E-07	
60	-0.000164	-2.00E-06	-0.009831
-7.87E-06	-0.000115	-2.67E-07	
61	-0.000160	-2.10E-06	-0.009156
-1.07E-05	-0.000164	-2.68E-07	
62	-0.000160	-1.89E-06	-0.008232
-1.30E-05	-0.000205	-2.51E-07	
63	-0.000171	-1.76E-06	-0.007120
-1.47E-05	-0.000238	-2.25E-07	
64	-0.000203	-2.20E-06	-0.005858
-1.61E-05	-0.000266	-1.94E-07	
65	-0.000239	-2.81E-06	-0.006629
-1.70E-05	-0.000287	-1.67E-07	
66	-0.000277	-3.54E-06	-0.007766
-1.76E-05	-0.000304	-1.43E-07	
67	-0.000317	-4.39E-06	-0.008934
-1.79E-05	-0.000317	-1.22E-07	
68	-0.000354	-5.71E-06	-0.010000
-1.77E-05	-0.000321	-1.08E-07	
69	-0.000221	-1.24E-05	-0.010000
-1.73E-05	-0.000321	-2.85E-05	
70	-0.000240	-1.12E-05	-0.008936
-1.77E-05	-0.000316	-2.37E-05	
71	-0.000278	-9.89E-06	-0.007769
-1.76E-05	-0.000304	-2.34E-05	
72	-0.000314	-8.54E-06	-0.006634
-1.70E-05	-0.000286	-2.21E-05	
73	-0.000348	-7.21E-06	-0.005838
-1.61E-05	-0.000266	-2.05E-05	
74	-0.000380	-5.87E-06	-0.007098
-1.46E-05	-0.000239	-1.84E-05	
75	-0.000408	-4.56E-06	-0.008210
-1.27E-05	-0.000206	-1.59E-05	
76	-0.000432	-3.30E-06	-0.009135
-9.99E-06	-0.000176	-1.26E-05	
77	-0.000450	-2.86E-06	-0.009814
-6.55E-06	-0.000154	-8.69E-06	
78	-0.000461	-2.92E-06	-0.010191
-3.52E-06	-0.000129	-6.66E-06	
79	-0.000465	-2.88E-06	-0.010240
-1.81E-06	-0.000104	-9.67E-06	
80	-0.000462	-2.73E-06	-0.010000
-3.05E-06	-8.26E-05	-1.22E-05	
81	-0.000454	-2.47E-06	-0.009663
-3.76E-06	-0.000121	-1.44E-05	
82	-0.000440	-2.15E-06	-0.009130
-3.25E-06	-0.000162	-1.61E-05	
83	-0.000421	-1.81E-06	-0.008401
-2.36E-06	-0.000201	-1.76E-05	
84	-0.000397	-1.74E-06	-0.007480
-1.43E-06	-0.000232	-1.85E-05	
85	-0.000370	-2.10E-06	-0.006413
-1.39E-06	-0.000247	-1.94E-05	
86	-0.000340	-2.41E-06	-0.006414
-1.34E-06	-0.000247	-1.93E-05	
87	-0.000309	-2.64E-06	-0.007481
-1.28E-06	-0.000238	-1.81E-05	
88	-0.000279	-2.80E-06	-0.008402
-2.22E-06	-0.000226	-1.56E-05	
89	-0.000252	-2.86E-06	-0.009130
-3.12E-06	-0.000207	-1.24E-05	
90	-0.000226	-2.82E-06	-0.009663
-3.67E-06	-0.000185	-9.22E-06	
91	-0.000204	-2.69E-06	-0.010000
-3.05E-06	-0.000157	-6.60E-06	
92	-0.000186	-2.49E-06	-0.010240
-1.72E-06	-0.000124	-8.20E-06	
93	-0.000173	-2.27E-06	-0.010191
-3.40E-06	-8.62E-05	-1.01E-05	
94	-0.000164	-2.13E-06	-0.009814
-6.44E-06	-0.000116	-1.20E-05	
95	-0.000160	-2.12E-06	-0.009135
-9.89E-06	-0.000165	-1.37E-05	
96	-0.000180	-2.24E-06	-0.008209
-1.26E-05	-0.000206	-1.60E-05	
97	-0.000172	-2.50E-06	-0.007098
-1.46E-05	-0.000239	-1.85E-05	
98	-0.000204	-2.87E-06	-0.005838
-1.60E-05	-0.000266	-2.05E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000240	-3.36E-06	-0.006634
-1.70E-05	-0.000286	-2.21E-05	
100	-0.000278	-3.95E-06	-0.007769
-1.76E-05	-0.000304	-2.35E-05	
101	-0.000318	-4.61E-06	-0.008935
-1.77E-05	-0.000316	-2.38E-05	
102	-0.000355	-5.86E-06	-0.010000
-1.73E-05	-0.000321	-2.87E-05	
103	-0.000570	-4.15E-05	-0.010000
-1.15E-05	-0.000321	-1.93E-07	
104	-0.000399	-5.82E-05	-0.010000
-2.06E-05	-8.23E-05	-4.38E-08	
105	-2.32E-27	-3.73E-08	-0.010000
-1.39E-06	-0.000157	-4.59E-08	
106	-0.000732	-0.000108	-0.010000
-4.07E-05	-0.000318	-2.00E-07	
107	-0.000571	-2.16E-21	-0.010000
-1.19E-05	-0.000321	-2.77E-07	
108	-0.000401	-6.70E-25	-0.010000
-2.18E-06	-8.23E-05	-8.91E-08	
109	.000000	.000000	-0.010000
-1.49E-06	-0.000157	-1.02E-07	
110	-0.000739	-1.02E-21	-0.010000
-5.98E-06	-0.000322	-1.08E-07	

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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD -P4 ----------

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-9.653902
.000000	.000000	.000000	
104	.000000	.000000	25.332554
.000000	.000000	.000000	
105	-1.259649	.000000	-14.742338
.000000	.000000	.000000	
106	.000000	.000000	2.436205
.000000	.000000	.000000	
107	.000000	0.216546	-9.050004
.000000	.000000	.000000	
108	.000000	-0.250247	17.065588
.000000	.000000	.000000	
109	1.256284	0.036520	-14.173824
.000000	.000000	.000000	
110	.000000	-0.002718	2.785721
.000000	.000000	.000000	

LOAD -P5 ----------

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	20.792125
.000000	.000000	.000000	
104	.000000	.000000	-65.182646
.000000	.000000	.000000	
105	0.040194	.000000	54.616764
.000000	.000000	.000000	
106	.000000	.000000	-13.564406
.000000	.000000	.000000	
107	.000000	-0.229584	21.606017
.000000	.000000	.000000	
108	.000000	0.499976	-47.879249
.000000	.000000	.000000	
109	-0.040084	-0.319724	44.961035
.000000	.000000	.000000	
110	.000000	0.049271	-15.349640
.000000	.000000	.000000	

LOAD -P6 ----------

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-13.560845
.000000	.000000	.000000	
104	.000000	.000000	54.608913
.000000	.000000	.000000	
105	-0.111174	.000000	-65.185378
.000000	.000000	.000000	
106	.000000	.000000	20.798160
.000000	.000000	.000000	
107	.000000	0.016196	-15.355317
.000000	.000000	.000000	
108	.000000	-0.271658	44.968886
.000000	.000000	.000000	
109	0.110875	0.513336	-47.870260
.000000	.000000	.000000	
110	.000000	-0.257952	21.595842
.000000	.000000	.000000	

LOAD -P7 ----------

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	2.422622
.000000	.000000	.000000	
104	.000000	.000000	-14.758821
.000000	.000000	.000000	
105	1.330630	.000000	25.310952
.000000	.000000	.000000	
106	.000000	.000000	-9.669959
.000000	.000000	.000000	
107	.000000	-0.003159	2.799304
.000000	.000000	.000000	
108	.000000	0.021929	-14.155226
.000000	.000000	.000000	
109	-1.327076	-0.230132	17.083050
.000000	.000000	.000000	
110	.000000	0.211398	-9.031922
.000000	.000000	.000000	

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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD -2N+1- ----------

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-23.214747
.000000	.000000	.000000	
104	.000000	.000000	79.941467
.000000	.000000	.000000	
105	-1.370823	.000000	-79.927716
.000000	.000000	.000000	
106	.000000	.000000	23.234365
.000000	.000000	.000000	
107	.000000	0.232742	-24.405321
.000000	.000000	.000000	
108	.000000	-0.521905	62.034474
.000000	.000000	.000000	
109	1.367159	0.549857	-62.044085
.000000	.000000	.000000	
110	.000000	-0.260670	24.381562
.000000	.000000	.000000	

LOAD -2N+2- ----------

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	23.214747
.000000	.000000	.000000	
104	.000000	.000000	-79.941467
.000000	.000000	.000000	
105	1.370823	.000000	79.927716
.000000	.000000	.000000	
106	.000000	.000000	-23.234365
.000000	.000000	.000000	
107	.000000	-0.232742	24.405321
.000000	.000000	.000000	
108	.000000	0.521905	-62.034474
.000000	.000000	.000000	
109	-1.367159	-0.549857	62.044085
.000000	.000000	.000000	
110	.000000	0.260670	-24.381562
.000000	.000000	.000000	

COMB SETTLE ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	23.214747
.000000	.000000	.000000	
104	.000000	.000000	79.941467
.000000	.000000	.000000	
105	1.370823	.000000	79.927716
.000000	.000000	.000000	
106	.000000	.000000	23.234365
.000000	.000000	.000000	
107	.000000	0.232742	24.405321
.000000	.000000	.000000	
108	.000000	0.521905	62.034474
.000000	.000000	.000000	
109	1.367159	0.549857	62.044085
.000000	.000000	.000000	
110	.000000	0.260670	24.381562
.000000	.000000	.000000	

COMB SETTLE ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
103	.000000	.000000	-23.214747
.000000	.000000	.000000	
104	.000000	.000000	-79.941467
.000000	.000000	.000000	
105	-1.370823	.000000	-79.927716
.000000	.000000	.000000	
106	.000000	.000000	-23.234365
.000000	.000000	.000000	
107	.000000	-0.232742	-24.405321
.000000	.000000	.000000	
108	.000000	-0.521905	-62.034474
.000000	.000000	.000000	
109	-1.367159	-0.549857	-62.044085
.000000	.000000	.000000	
110	.000000	-0.260670	-24.381562
.000000	.000000	.000000	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD -P4 ----------

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	7.25E-11	1.22E-10	8.15E-09
-2.59E-08	3.52E-09	-1.62E-10	
TOTAL	7.25E-11	1.22E-10	8.15E-09
-2.59E-08	3.52E-09	-1.62E-10	

LOAD -P5 ----------

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	2.32E-09	-1.67E-10	6.82E-09
-3.81E-08	-3.73E-07	1.47E-08	
TOTAL	2.32E-09	-1.67E-10	6.82E-09
-3.81E-08	-3.73E-07	1.47E-08	

LOAD -P6 ----------

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	-2.08E-09	-7.73E-11	-1.18E-10
2.59E-08	1.87E-08	-3.79E-08	
TOTAL	-2.08E-09	-7.73E-11	-1.18E-10
2.59E-08	1.87E-08	-3.79E-08	

LOAD -P7 ----------

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	-2.87E-10	6.85E-11	-2.29E-09
3.52E-08	3.71E-07	1.57E-08	
TOTAL	-2.87E-10	6.85E-11	-2.29E-09
3.52E-08	3.71E-07	1.57E-08	

LOAD -2N+1- ----------

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	-1.88E-09	6.06E-11	3.56E-10
2.31E-08	2.35E-07	-2.96E-08	
TOTAL	-1.88E-09	6.06E-11	3.56E-10
2.31E-08	2.35E-07	-2.96E-08	

LOAD -2N+2- ----------

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	1.78E-09	-3.56E-11	8.77E-10
2.35E-08	-1.13E-07	3.31E-08	
TOTAL	1.78E-09	-3.56E-11	8.77E-10
2.35E-08	-1.13E-07	3.31E-08	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SETTLE ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	2.32E-09	1.22E-10	8.15E-09
3.52E-08	3.71E-07	3.31E-08	
TOTAL	2.32E-09	1.22E-10	8.15E-09
3.52E-08	3.71E-07	3.31E-08	

COMB SETTLE ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	-2.08E-09	-1.67E-10	-2.29E-09
-3.81E-08	-3.73E-07	-3.79E-08	
TOTAL	-2.08E-09	-1.67E-10	-2.29E-09
-3.81E-08	-3.73E-07	-3.79E-08	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 1 ========== LENGTH = 4.470847

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358931	9.372769	0.056565
1.038743	0.363109	0.021006	
0.25000	-0.358931	9.372769	0.056565
1.038743	0.299886	-10.455047	
0.50000	-0.358931	9.372769	0.056565
1.038743	0.236662	-20.931100	
0.75000	-0.358931	9.372769	0.056565
1.038743	0.173438	-31.407153	
1.00000	-0.358931	9.372769	0.056565
1.038743	0.110215	-41.883206	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.692897	-21.031409	-0.066499
1.100544	-0.524668	-0.023052	
0.25000	0.692897	-21.031409	-0.066499
1.100544	-0.450341	23.483998	
0.50000	0.692897	-21.031409	-0.066499
1.100544	-0.376014	46.991049	
0.75000	0.692897	-21.031409	-0.066499
1.100544	-0.301687	70.498100	
1.00000	0.692897	-21.031409	-0.066499
1.100544	-0.227360	94.005151	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.408965	14.222138	0.011870
-2.715339	0.205086	0.002599	
0.25000	-0.408965	14.222138	0.011870
-2.715339	0.191819	-15.893651	
0.50000	-0.408965	14.222138	0.011870
-2.715339	0.178551	-31.789901	
0.75000	-0.408965	14.222138	0.011870
-2.715339	0.165284	-47.686150	
1.00000	-0.408965	14.222138	0.011870
-2.715339	0.152017	-63.582400	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074999	-2.563498	-0.001936
0.576053	-0.043527	-0.000553	
0.25000	0.074999	-2.563498	-0.001936
0.576053	-0.041363	2.864699	
0.50000	0.074999	-2.563498	-0.001936
0.576053	-0.039199	5.729951	
0.75000	0.074999	-2.563498	-0.001936
0.576053	-0.037035	8.595203	
1.00000	0.074999	-2.563498	-0.001936
0.576053	-0.034871	11.460454	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.767896	23.594907	0.068435
-1.676596	0.568195	0.023605	
0.25000	-0.767896	23.594907	0.068435
-1.676596	0.491704	-26.348698	
0.50000	-0.767896	23.594907	0.068435
-1.676596	0.415213	-52.721000	
0.75000	-0.767896	23.594907	0.068435
-1.676596	0.338722	-79.093303	
1.00000	-0.767896	23.594907	0.068435
-1.676596	0.262231	-105.465606	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.767896	-23.594907	-0.068435
1.676596	-0.568195	-0.023605	
0.25000	0.767896	-23.594907	-0.068435
1.676596	-0.491704	26.348698	
0.50000	0.767896	-23.594907	-0.068435
1.676596	-0.415213	52.721000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.767896	-23.594907	-0.068435
1.676596	-0.338722	79.093303	
1.00000	0.767896	-23.594907	-0.068435
1.676596	-0.262231	105.465606	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.767896	23.594907	0.068435
1.676596	0.568195	0.023605	
0.25000	0.767896	23.594907	0.068435
1.676596	0.491704	26.348698	
0.50000	0.767896	23.594907	0.068435
1.676596	0.415213	52.721000	
0.75000	0.767896	23.594907	0.068435
1.676596	0.338722	79.093303	
1.00000	0.767896	23.594907	0.068435
1.676596	0.262231	105.465606	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.767896	-23.594907	-0.068435
-2.715339	-0.568195	-0.023605	
0.25000	-0.767896	-23.594907	-0.068435
-2.715339	-0.491704	-26.348698	
0.50000	-0.767896	-23.594907	-0.068435
-2.715339	-0.415213	-52.721000	
0.75000	-0.767896	-23.594907	-0.068435
-2.715339	-0.338722	-79.093303	
1.00000	-0.767896	-23.594907	-0.068435
-2.715339	-0.262231	-105.465606	

ELEM 2 ========== LENGTH = 4.966847

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.500346	9.302281	0.099438
1.429268	0.552314	-41.856529	
0.25000	-0.500346	9.302281	0.099438
1.429268	0.428841	-53.407281	
0.50000	-0.500346	9.302281	0.099438
1.429268	0.305368	-64.958032	
0.75000	-0.500346	9.302281	0.099438
1.429268	0.181894	-76.508783	
1.00000	-0.500346	9.302281	0.099438
1.429268	0.058421	-88.059535	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.873179	-21.053492	-0.119221
0.932242	-0.795232	93.979988	
0.25000	0.873179	-21.053492	-0.119221
0.932242	-0.647194	120.122356	
0.50000	0.873179	-21.053492	-0.119221
0.932242	-0.499156	146.264725	
0.75000	0.873179	-21.053492	-0.119221
0.932242	-0.351117	172.407093	
1.00000	0.873179	-21.053492	-0.119221
0.932242	-0.203079	198.549462	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.458496	14.340795	0.024113
-3.009134	0.312147	-63.584332	
0.25000	-0.458496	14.340795	0.024113
-3.009134	0.282205	-81.391466	
0.50000	-0.458496	14.340795	0.024113
-3.009134	0.252264	-99.198600	
0.75000	-0.458496	14.340795	0.024113
-3.009134	0.222322	-117.005734	
1.00000	-0.458496	14.340795	0.024113
-3.009134	0.192381	-134.812868	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.085662	-2.589584	-0.004330
0.647625	-0.069229	11.460873	
0.25000	0.085662	-2.589584	-0.004330
0.647625	-0.063852	14.676390	
0.50000	0.085662	-2.589584	-0.004330
0.647625	-0.058476	17.891907	
0.75000	0.085662	-2.589584	-0.004330
0.647625	-0.053099	21.107424	
1.00000	0.085662	-2.589584	-0.004330
0.647625	-0.047723	24.322941	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.958842	23.643076	0.123551
-1.579867	0.864461	-105.440861	
0.25000	-0.958842	23.643076	0.123551
-1.579867	0.711046	-134.798746	
0.50000	-0.958842	23.643076	0.123551
-1.579867	0.557631	-164.156632	
0.75000	-0.958842	23.643076	0.123551
-1.579867	0.404216	-193.514517	
1.00000	-0.958842	23.643076	0.123551
-1.579867	0.250802	-222.872403	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.958842	-23.643076	-0.123551
1.579867	-0.864461	105.440861	
0.25000	0.958842	-23.643076	-0.123551
1.579867	-0.711046	134.798746	
0.50000	0.958842	-23.643076	-0.123551
1.579867	-0.557631	164.156632	
0.75000	0.958842	-23.643076	-0.123551
1.579867	-0.404216	193.514517	
1.00000	0.958842	-23.643076	-0.123551
1.579867	-0.250802	222.872403	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.958842	23.643076	0.123551
1.579867	0.864461	105.440861	
0.25000	0.958842	23.643076	0.123551
1.579867	0.711046	134.798746	
0.50000	0.958842	23.643076	0.123551
1.579867	0.557631	164.156632	
0.75000	0.958842	23.643076	0.123551
1.579867	0.404216	193.514517	
1.00000	0.958842	23.643076	0.123551
1.579867	0.250802	222.872403	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.958842	-23.643076	-0.123551
-3.009134	-0.864461	-105.440861	
0.25000	-0.958842	-23.643076	-0.123551
-3.009134	-0.711046	-134.798746	
0.50000	-0.958842	-23.643076	-0.123551
-3.009134	-0.557631	-164.156632	
0.75000	-0.958842	-23.643076	-0.123551
-3.009134	-0.404216	-193.514517	
1.00000	-0.958842	-23.643076	-0.123551
-3.009134	-0.250802	-222.872403	

ELEM 3 ========== LENGTH = 4.967098

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.639767	9.296317	0.106661
1.764616	0.482948	-88.032757	
0.25000	-0.639767	9.296317	0.106661
1.764616	0.350499	-99.576687	
0.50000	-0.639767	9.296317	0.106661
1.764616	0.218050	-111.120617	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.639767	9.296317	0.106661
1.764616	0.085601	-122.664547	
1.00000	-0.639767	9.296317	0.106661
1.764616	-0.046848	-134.208477	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.050602	-21.117908	-0.122527
0.473729	-0.731504	198.524797	
0.25000	1.050602	-21.117908	-0.122527
0.473729	-0.579353	224.748478	
0.50000	1.050602	-21.117908	-0.122527
0.473729	-0.427202	250.972159	
0.75000	1.050602	-21.117908	-0.122527
0.473729	-0.275051	277.195840	
1.00000	1.050602	-21.117908	-0.122527
0.473729	-0.122900	303.419522	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.506840	14.429349	0.019079

-2.869287 0.325450 -134.815576
0.25000 -0.506840 14.429349 0.019079
-2.869287 0.301759 -152.733574
0.50000 -0.506840 14.429349 0.019079
-2.869287 0.278067 -170.651572
0.75000 -0.506840 14.429349 0.019079
-2.869287 0.254375 -188.569570
1.00000 -0.506840 14.429349 0.019079
-2.869287 0.230684 -206.487568

LOAD -P7 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.096006	-2.607757	-0.003213
0.630943	-0.076895	24.323537	
0.25000	0.096006	-2.607757	-0.003213
0.630943	-0.072905	27.561783	
0.50000	0.096006	-2.607757	-0.003213
0.630943	-0.068915	30.800030	
0.75000	0.096006	-2.607757	-0.003213
0.630943	-0.064925	34.038277	
1.00000	0.096006	-2.607757	-0.003213
0.630943	-0.060935	37.276523	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.146608	23.725666	0.125740
-1.104672	0.808398	-222.848333	
0.25000	-1.146608	23.725666	0.125740
-1.104672	0.652257	-252.310261	
0.50000	-1.146608	23.725666	0.125740
-1.104672	0.496117	-281.772189	
0.75000	-1.146608	23.725666	0.125740
-1.104672	0.339976	-311.234117	
1.00000	-1.146608	23.725666	0.125740
-1.104672	0.183835	-340.696045	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.146608	-23.725666	-0.125740
1.104672	-0.808398	222.848333	
0.25000	1.146608	-23.725666	-0.125740
1.104672	-0.652257	252.310261	
0.50000	1.146608	-23.725666	-0.125740
1.104672	-0.496117	281.772189	
0.75000	1.146608	-23.725666	-0.125740
1.104672	-0.339976	311.234117	
1.00000	1.146608	-23.725666	-0.125740
1.104672	-0.183835	340.696045	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.146608	23.725666	0.125740
1.764616	0.808398	222.848333	

FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.25000	1.146608	23.725666	0.125740
1.764616	0.652257	252.310261	
0.50000	1.146608	23.725666	0.125740
1.764616	0.496117	281.772189	
0.75000	1.146608	23.725666	0.125740
1.764616	0.339976	311.234117	
1.00000	1.146608	23.725666	0.125740
1.764616	0.230684	340.696045	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.146608	-23.725666	-0.125740
-2.869287	-0.808398	-222.848333	
0.25000	-1.146608	-23.725666	-0.125740
-2.869287	-0.652257	-252.310261	
0.50000	-1.146608	-23.725666	-0.125740
-2.869287	-0.496117	-281.772189	
0.75000	-1.146608	-23.725666	-0.125740
-2.869287	-0.339976	-311.234117	
1.00000	-1.146608	-23.725666	-0.125740
-2.869287	-0.183835	-340.696045	

ELEM 4 ========== LENGTH = 4.967306

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.771160	9.268685	0.104939
2.310187	0.360891	-134.180460	
0.25000	-0.771160	9.268685	0.104939
2.310187	0.230574	-145.690559	
0.50000	-0.771160	9.268685	0.104939
2.310187	0.100258	-157.200658	
0.75000	-0.771160	9.268685	0.104939
2.310187	-0.030059	-168.710757	
1.00000	-0.771160	9.268685	0.104939
2.310187	-0.160376	-180.220857	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.208407	-21.088596	-0.118054
-0.638503	-0.606424	303.393698	
0.25000	1.208407	-21.088596	-0.118054
-0.638503	-0.459821	329.582076	
0.50000	1.208407	-21.088596	-0.118054
-0.638503	-0.313219	355.770453	
0.75000	1.208407	-21.088596	-0.118054
-0.638503	-0.166616	381.958830	
1.00000	1.208407	-21.088596	-0.118054
-0.638503	-0.020013	408.147208	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.541014	14.428318	0.015525
-2.181443	0.329258	-206.490426	
0.25000	-0.541014	14.428318	0.015525
-2.181443	0.309978	-224.407895	
0.50000	-0.541014	14.428318	0.015525
-2.181443	0.290699	-242.325363	
0.75000	-0.541014	14.428318	0.015525
-2.181443	0.271419	-260.242832	
1.00000	-0.541014	14.428318	0.015525
-2.181443	0.252140	-278.160300	

LOAD -P7 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.103767	-2.608408	-0.002411
0.509759	-0.083725	37.277188	
0.25000	0.103767	-2.608408	-0.002411
0.509759	-0.080732	40.516378	
0.50000	0.103767	-2.608408	-0.002411
0.509759	-0.077738	43.755568	
0.75000	0.103767	-2.608408	-0.002411
0.509759	-0.074744	46.994759	
1.00000	0.103767	-2.608408	-0.002411
0.509759	-0.071751	50.233949	

FRAME ELEMENT INTERNAL FORCES

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.312174	23.697004	0.120465
0.128744	0.690149	-340.670886	
0.25000	-1.312174	23.697004	0.120465
0.128744	0.540553	-370.098454	
0.50000	-1.312174	23.697004	0.120465
0.128744	0.390956	-399.526021	
0.75000	-1.312174	23.697004	0.120465
0.128744	0.241360	-428.953589	
1.00000	-1.312174	23.697004	0.120465
0.128744	0.091764	-458.381157	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.312174	-23.697004	-0.120465
-0.128744	-0.690149	340.670886	
0.25000	1.312174	-23.697004	-0.120465
-0.128744	-0.540553	370.098454	
0.50000	1.312174	-23.697004	-0.120465
-0.128744	-0.390956	399.526021	
0.75000	1.312174	-23.697004	-0.120465
-0.128744	-0.241360	428.953589	
1.00000	1.312174	-23.697004	-0.120465
-0.128744	-0.091764	458.381157	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.312174	23.697004	0.120465
2.310187	0.690149	340.670886	
0.25000	1.312174	23.697004	0.120465
2.310187	0.540553	370.098454	
0.50000	1.312174	23.697004	0.120465
2.310187	0.390956	399.526021	
0.75000	1.312174	23.697004	0.120465
2.310187	0.271419	428.953589	
1.00000	1.312174	23.697004	0.120465
2.310187	0.252140	458.381157	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.312174	-23.697004	-0.120465
-2.181443	-0.690149	-340.670886	
0.25000	-1.312174	-23.697004	-0.120465
-2.181443	-0.540553	-370.098454	
0.50000	-1.312174	-23.697004	-0.120465
-2.181443	-0.390956	-399.526021	
0.75000	-1.312174	-23.697004	-0.120465
-2.181443	-0.241360	-428.953589	
1.00000	-1.312174	-23.697004	-0.120465
-2.181443	-0.160376	-458.381157	

ELEM 5 ========== LENGTH = 4.967664

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.902360	9.278013	0.100156
2.849420	0.231378	-180.192238	
0.25000	-0.902360	9.278013	0.100156
2.849420	0.106993	-191.714751	
0.50000	-0.902360	9.278013	0.100156
2.849420	-0.017393	-203.237263	
0.75000	-0.902360	9.278013	0.100156
2.849420	-0.141778	-214.759776	
1.00000	-0.902360	9.278013	0.100156
2.849420	-0.266164	-226.282289	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.364802	-21.101061	-0.113176
-1.905319	-0.464867	408.119253	
0.25000	1.364802	-21.101061	-0.113176
-1.905319	-0.324312	434.324998	
0.50000	1.364802	-21.101061	-0.113176
-1.905319	-0.183757	460.530744	

FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.75000	1.364802	-21.101061	-0.113176
-1.905319	-0.043203	486.736490	
1.00000	1.364802	-21.101061	-0.113176
-1.905319	0.097352	512.942235	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.573655	14.430787	0.015567
-1.287369	0.322879	-278.161258	
0.25000	-0.573655	14.430787	0.015567
-1.287369	0.303546	-296.083083	
0.50000	-0.573655	14.430787	0.015567
-1.287369	0.284214	-314.004908	
0.75000	-0.573655	14.430787	0.015567
-1.287369	0.264882	-331.926733	
1.00000	-0.573655	14.430787	0.015567
-1.287369	0.245549	-349.848558	

LOAD -P7 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.111214	-2.607738	-0.002547
0.343268	-0.089390	50.234243	
0.25000	0.111214	-2.607738	-0.002547
0.343268	-0.086227	53.472836	
0.50000	0.111214	-2.607738	-0.002547
0.343268	-0.083064	56.711428	
0.75000	0.111214	-2.607738	-0.002547
0.343268	-0.079901	59.950020	
1.00000	0.111214	-2.607738	-0.002547
0.343268	-0.076738	63.188612	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.476016	23.708800	0.115723
1.562051	0.554257	-458.353496	
0.25000	-1.476016	23.708800	0.115723
1.562051	0.410539	-487.797834	
0.50000	-1.476016	23.708800	0.115723
1.562051	0.266821	-517.242172	
0.75000	-1.476016	23.708800	0.115723
1.562051	0.123103	-546.686509	
1.00000	-1.476016	23.708800	0.115723
1.562051	-0.020615	-576.130847	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.476016	-23.708800	-0.115723
-1.562051	-0.554257	458.353496	
0.25000	1.476016	-23.708800	-0.115723
-1.562051	-0.410539	487.797834	
0.50000	1.476016	-23.708800	-0.115723
-1.562051	-0.266821	517.242172	
0.75000	1.476016	-23.708800	-0.115723
-1.562051	-0.123103	546.686509	
1.00000	1.476016	-23.708800	-0.115723
-1.562051	0.020615	576.130847	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.476016	23.708800	0.115723
2.849420	0.554257	458.353496	
0.25000	1.476016	23.708800	0.115723
2.849420	0.410539	487.797834	
0.50000	1.476016	23.708800	0.115723
2.849420	0.284214	517.242172	
0.75000	1.476016	23.708800	0.115723
2.849420	0.264882	546.686509	
1.00000	1.476016	23.708800	0.115723
2.849420	0.245549	576.130847	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.476016	-23.708800	-0.115723
-1.905319	-0.554257	-458.353496	

FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.25000	-1.476016	-23.708800	-0.115723
-1.905319	-0.410539	-487.797834	
0.50000	-1.476016	-23.708800	-0.115723
-1.905319	-0.266821	-517.242172	
0.75000	-1.476016	-23.708800	-0.115723
-1.905319	-0.141778	-546.686509	
1.00000	-1.476016	-23.708800	-0.115723
-1.905319	-0.266164	-576.130847	

ELEM 6 ========== LENGTH = 4.966986

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.024556	9.316065	0.098332
3.472210	0.105346	-226.252120	
0.25000	-1.024556	9.316065	0.098332
3.472210	-0.016758	-237.820312	
0.50000	-1.024556	9.316065	0.098332
3.472210	-0.138862	-249.388504	
0.75000	-1.024556	9.316065	0.098332
3.472210	-0.260966	-260.956696	
1.00000	-1.024556	9.316065	0.098332
3.472210	-0.383069	-272.524887	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.500177	-21.162314	-0.110919
-3.423908	-0.297783	512.911429	
0.25000	1.500177	-21.162314	-0.110919
-3.423908	-0.160050	539.189660	
0.50000	1.500177	-21.162314	-0.110919
-3.423908	-0.022317	565.467890	
0.75000	1.500177	-21.162314	-0.110919
-3.423908	0.115416	591.746120	
1.00000	1.500177	-21.162314	-0.110919
-3.423908	0.253149	618.024350	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.591573	14.454532	0.015911
-0.174763	0.279988	-349.847910	
0.25000	-0.591573	14.454532	0.015911
-0.174763	0.260231	-367.796775	
0.50000	-0.591573	14.454532	0.015911
-0.174763	0.240474	-385.745640	
0.75000	-0.591573	14.454532	0.015911
-0.174763	0.220717	-403.694505	
1.00000	-0.591573	14.454532	0.015911
-0.174763	0.200959	-421.643370	

LOAD -P7 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.115953	-2.608283	-0.003324
0.126461	-0.087551	63.188601	
0.25000	0.115953	-2.608283	-0.003324
0.126461	-0.083423	66.427428	
0.50000	0.115953	-2.608283	-0.003324
0.126461	-0.079295	69.666255	
0.75000	0.115953	-2.608283	-0.003324
0.126461	-0.075167	72.905081	
1.00000	0.115953	-2.608283	-0.003324
0.126461	-0.071039	76.143908	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.616130	23.770597	0.114243
3.297447	0.385334	-576.100030	
0.25000	-1.616130	23.770597	0.114243
3.297447	0.243473	-605.617087	
0.50000	-1.616130	23.770597	0.114243
3.297447	0.101612	-635.134144	
0.75000	-1.616130	23.770597	0.114243
3.297447	-0.040249	-664.651201	
1.00000	-1.616130	23.770597	0.114243
3.297447	-0.182110	-694.168258	

FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.616130	-23.770597	-0.114243
-3.297447	-0.385334	576.100030	
0.25000	1.616130	-23.770597	-0.114243
-3.297447	-0.243473	605.617087	
0.50000	1.616130	-23.770597	-0.114243
-3.297447	-0.101612	635.134144	
0.75000	1.616130	-23.770597	-0.114243
-3.297447	0.040249	664.651201	
1.00000	1.616130	-23.770597	-0.114243
-3.297447	0.182110	694.168258	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.616130	23.770597	0.114243
3.472210	0.385334	576.100030	
0.25000	1.616130	23.770597	0.114243
3.472210	0.260231	605.617087	
0.50000	1.616130	23.770597	0.114243
3.472210	0.240474	635.134144	
0.75000	1.616130	23.770597	0.114243
3.472210	0.220717	664.651201	
1.00000	1.616130	23.770597	0.114243
3.472210	0.253149	694.168258	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.616130	-23.770597	-0.114243
-3.423908	-0.385334	-576.100030	
0.25000	-1.616130	-23.770597	-0.114243
-3.423908	-0.243473	-605.617087	
0.50000	-1.616130	-23.770597	-0.114243
-3.423908	-0.138862	-635.134144	
0.75000	-1.616130	-23.770597	-0.114243
-3.423908	-0.260966	-664.651201	
1.00000	-1.616130	-23.770597	-0.114243
-3.423908	-0.383069	-694.168258	

ELEM 7 ========== LENGTH = 4.967451

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.143481	9.386288	0.089546
4.047677	-0.036155	-272.494611	
0.25000	-1.143481	9.386288	0.089546
4.047677	-0.147359	-284.151092	
0.50000	-1.143481	9.386288	0.089546
4.047677	-0.258563	-295.807572	
0.75000	-1.143481	9.386288	0.089546
4.047677	-0.369768	-307.464052	
1.00000	-1.143481	9.386288	0.089546
4.047677	-0.480972	-319.120532	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.627809	-21.279041	-0.095871
-4.906358	-0.086326	617.991961	
0.25000	1.627809	-21.279041	-0.095871
-4.906358	0.032732	644.417607	
0.50000	1.627809	-21.279041	-0.095871
-4.906358	0.151790	670.843254	
0.75000	1.627809	-21.279041	-0.095871
-4.906358	0.270848	697.268901	
1.00000	1.627809	-21.279041	-0.095871
-4.906358	0.389906	723.694547	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.603892	14.500277	0.010048
0.977716	0.196922	-421.640789	
0.25000	-0.603892	14.500277	0.010048
0.977716	0.184444	-439.648141	
0.50000	-0.603892	14.500277	0.010048
0.977716	0.171967	-457.655494	

FRAME ELEMENT INTERNAL FORCES

REL DIST T	P M2	V2 M3	V3
0.75000	-0.603892	14.500277	0.010048
0.977716	0.159489	-475.662847	
1.00000	-0.603892	14.500277	0.010048
0.977716	0.147011	-493.670200	

LOAD -P7 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.119565	-2.607524	-0.003723
-0.119036	-0.074441	76.143439	
0.25000	0.119565	-2.607524	-0.003723
-0.119036	-0.069817	79.381626	
0.50000	0.119565	-2.607524	-0.003723
-0.119036	-0.065193	82.619812	
0.75000	0.119565	-2.607524	-0.003723
-0.119036	-0.060569	85.857999	
1.00000	0.119565	-2.607524	-0.003723
-0.119036	-0.055945	89.096185	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.747374	23.886565	0.099594
5.025394	0.160767	-694.135400	
0.25000	-1.747374	23.886565	0.099594
5.025394	0.037085	-723.799233	
0.50000	-1.747374	23.886565	0.099594
5.025394	-0.086597	-753.463066	
0.75000	-1.747374	23.886565	0.099594
5.025394	-0.210279	-783.126899	
1.00000	-1.747374	23.886565	0.099594
5.025394	-0.333961	-812.790732	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.747374	-23.886565	-0.099594
-5.025394	-0.160767	694.135400	

```
 0.25000     1.747374    -23.886565     -0.099594
-5.025394    -0.037085   723.799233
 0.50000     1.747374    -23.886565     -0.099594
-5.025394     0.086597   753.463066
 0.75000     1.747374    -23.886565     -0.099594
-5.025394     0.210279   783.126899
 1.00000     1.747374    -23.886565     -0.099594
-5.025394     0.333961   812.790732

 COMB  SETTLE ------------------- MAX

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.747374    23.886565      0.099594
 5.025394    0.196922   694.135400
 0.25000     1.747374    23.886565      0.099594
 5.025394    0.184444   723.799233
 0.50000     1.747374    23.886565      0.099594
 5.025394    0.171967   753.463066
 0.75000     1.747374    23.886565      0.099594
 5.025394    0.270848   783.126899
 1.00000     1.747374    23.886565      0.099594
 5.025394    0.389906   812.790732

 COMB  SETTLE ------------------- MIN

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.747374   -23.886565     -0.099594
-5.025394   -0.160767  -694.135400
 0.25000    -1.747374   -23.886565     -0.099594
-5.025394   -0.147359  -723.799233
 0.50000    -1.747374   -23.886565     -0.099594
-5.025394   -0.258563  -753.463066
 0.75000    -1.747374   -23.886565     -0.099594
-5.025394   -0.369768  -783.126899
 1.00000    -1.747374   -23.886565     -0.099594
-5.025394   -0.480972  -812.790732
 Program    SAP2000     Nonlinear     Version     7.42
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 ELEM        8 ================== LENGTH =
 4.967885

 LOAD     -P4 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.251287    9.559328      0.070363
 4.462096   -0.159712  -319.089223
 0.25000    -1.251287    9.559328      0.070363
 4.462096   -0.247100  -330.961633
 0.50000    -1.251287    9.559328      0.070363
 4.462096   -0.334488  -342.834044
 0.75000    -1.251287    9.559328      0.070363
 4.462096   -0.421876  -354.706455
 1.00000    -1.251287    9.559328      0.070363
 4.462096   -0.509264  -366.578865

 LOAD     -P5 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.729652   -21.611268     -0.060986
-6.092146    0.112431   723.660039
 0.25000     1.729652   -21.611268     -0.060986
-6.092146    0.188174   750.500613
 0.50000     1.729652   -21.611268     -0.060986
-6.092146    0.263917   777.341186
 0.75000     1.729652   -21.611268     -0.060986
-6.092146    0.339659   804.181760
 1.00000     1.729652   -21.611268     -0.060986
-6.092146    0.415402   831.022334

 LOAD     -P6 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -0.598040    14.671509     -0.006557
 2.013185    0.097427  -493.666086
 0.25000    -0.598040    14.671509     -0.006557
 2.013185    0.105570  -511.887678
 0.50000    -0.598040    14.671509     -0.006557
 2.013185    0.113714  -530.109270
 0.75000    -0.598040    14.671509     -0.006557
 2.013185    0.121857  -548.330863
 1.00000    -0.598040    14.671509     -0.006557
 2.013185    0.130001  -566.552455

 LOAD     -P7 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     0.119674    -2.619569     -0.002820
-0.383135   -0.050146    89.095270
 0.25000     0.119674    -2.619569     -0.002820
-0.383135   -0.046644    92.348699
 0.50000     0.119674    -2.619569     -0.002820
-0.383135   -0.043143    95.602128
 0.75000     0.119674    -2.619569     -0.002820
-0.383135   -0.039641    98.855557
 1.00000     0.119674    -2.619569     -0.002820
-0.383135   -0.036139   102.108986

 LOAD   -2N+1- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.849326    24.230837      0.063806
 6.475281   -0.062285  -812.755309
 0.25000    -1.849326    24.230837      0.063806
 6.475281   -0.141529  -842.849312
 0.50000    -1.849326    24.230837      0.063806
 6.475281   -0.220774  -872.943314
 0.75000    -1.849326    24.230837      0.063806
 6.475281   -0.300019  -903.037317
 1.00000    -1.849326    24.230837      0.063806
 6.475281   -0.379263  -933.131320

 LOAD   -2N+2- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.849326   -24.230837     -0.063806
-6.475281    0.062285   812.755309
 0.25000     1.849326   -24.230837     -0.063806
-6.475281    0.141529   842.849312
 0.50000     1.849326   -24.230837     -0.063806
-6.475281    0.220774   872.943314
 Program    SAP2000     Nonlinear     Version     7.42
   File:2교대구방향S5-S704.OUT

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F O R C E S

 REL DIST          P           V2          V3
    T          M2          M3
 0.75000     1.849326   -24.230837     -0.063806
-6.475281    0.300019   903.037317
 1.00000     1.849326   -24.230837     -0.063806
-6.475281    0.379263   933.131320

 COMB  SETTLE ------------------- MAX

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.849326    24.230837      0.070363
 6.475281    0.112431   812.755309
 0.25000     1.849326    24.230837      0.070363
 6.475281    0.188174   842.849312
 0.50000     1.849326    24.230837      0.070363
 6.475281    0.263917   872.943314
 0.75000     1.849326    24.230837      0.070363
 6.475281    0.339659   903.037317
 1.00000     1.849326    24.230837      0.070363
 6.475281    0.415402   933.131320

 COMB  SETTLE ------------------- MIN

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.849326   -24.230837     -0.063806
-6.475281   -0.159712  -812.755309
 0.25000    -1.849326   -24.230837     -0.063806
-6.475281   -0.247100  -842.849312
 0.50000    -1.849326   -24.230837     -0.063806
-6.475281   -0.334488  -872.943314
 0.75000    -1.849326   -24.230837     -0.063806
-6.475281   -0.421876  -903.037317
 1.00000    -1.849326   -24.230837     -0.063806
-6.475281   -0.509264  -933.131320

 ELEM        9 ================== LENGTH =
 4.967457

 LOAD     -P4 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.352614    9.840092      0.051478
 4.541430   -0.222464  -366.549966
 0.25000    -1.352614    9.840092      0.051478
 4.541430   -0.286393  -378.770024
 0.50000    -1.352614    9.840092      0.051478
 4.541430   -0.350322  -390.990082
 0.75000    -1.352614    9.840092      0.051478
 4.541430   -0.414251  -403.210140
 1.00000    -1.352614    9.840092      0.051478
 4.541430   -0.478180  -415.430197

 LOAD     -P5 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.816897   -22.187741     -0.021731
-6.517435    0.214225   830.991546
 0.25000     1.816897   -22.187741     -0.021731
-6.517435    0.241212   858.545707
 0.50000     1.816897   -22.187741     -0.021731
-6.517435    0.268199   886.099868
 0.75000     1.816897   -22.187741     -0.021731
-6.517435    0.295186   913.654030
 1.00000     1.816897   -22.187741     -0.021731
-6.517435    0.322173   941.208191

 LOAD     -P6 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -0.581762    14.988699     -0.028916
 2.612108    0.027291  -566.549454
 0.25000    -0.581762    14.988699     -0.028916
 2.612108    0.063200  -585.163383
 0.50000    -0.581762    14.988699     -0.028916
 2.612108    0.099109  -603.777311
 0.75000    -0.581762    14.988699     -0.028916
 2.612108    0.135018  -622.391240
 1.00000    -0.581762    14.988699     -0.028916
 2.612108    0.170928  -641.005169
 Program    SAP2000     Nonlinear     Version     7.42
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 LOAD     -P7 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     0.117479    -2.641050     -0.000832
-0.636103   -0.019052   102.107874
 0.25000     0.117479    -2.641050     -0.000832
-0.636103   -0.018019   105.387699
 0.50000     0.117479    -2.641050     -0.000832
-0.636103   -0.016986   108.667525
 0.75000     0.117479    -2.641050     -0.000832
-0.636103   -0.015953   111.947350
 1.00000     0.117479    -2.641050     -0.000832
-0.636103   -0.014920   115.227176

 LOAD   -2N+1- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.934376    24.828792      0.022563
 7.153538   -0.195173  -933.099420
 0.25000    -1.934376    24.828792      0.022563
 7.153538   -0.223193  -963.933406
 0.50000    -1.934376    24.828792      0.022563
 7.153538   -0.251213  -994.767393
 0.75000    -1.934376    24.828792      0.022563
 7.153538   -0.279233  -1025.601
 1.00000    -1.934376    24.828792      0.022563
 7.153538   -0.307252  -1056.435

 LOAD   -2N+2- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.934376   -24.828792     -0.022563
-7.153538    0.195173   933.099420
 0.25000     1.934376   -24.828792     -0.022563
-7.153538    0.223193   963.933406
 0.50000     1.934376   -24.828792     -0.022563
-7.153538    0.251213   994.767393
 0.75000     1.934376   -24.828792     -0.022563
-7.153538    0.279233   1025.601
 1.00000     1.934376   -24.828792     -0.022563
-7.153538    0.307252   1056.435

 COMB  SETTLE ------------------- MAX

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.934376    24.828792      0.051478
 7.153538    0.214225   933.099420
 0.25000     1.934376    24.828792      0.051478
 7.153538    0.241212   963.933406
 0.50000     1.934376    24.828792      0.051478
 7.153538    0.268199   994.767393
 0.75000     1.934376    24.828792      0.051478
 7.153538    0.295186   1025.601
 1.00000     1.934376    24.828792      0.051478
 7.153538    0.322173   1056.435

 COMB  SETTLE ------------------- MIN

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.934376   -24.828792     -0.028916
-7.153538   -0.222464  -933.099420
 0.25000    -1.934376   -24.828792     -0.028916
-7.153538   -0.286393  -963.933406
 0.50000    -1.934376   -24.828792     -0.028916
-7.153538   -0.350322  -994.767393
 0.75000    -1.934376   -24.828792     -0.028916
-7.153538   -0.414251  -1025.601
 1.00000    -1.934376   -24.828792     -0.028916
-7.153538   -0.478180  -1056.435

 ELEM       10 ================== LENGTH =
 4.967005

 LOAD     -P4 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.439090    10.284529      0.042090
 4.254712   -0.227937  -415.402897
 0.25000    -1.439090    10.284529      0.042090
 4.254712   -0.280203  -428.173723
 0.50000    -1.439090    10.284529      0.042090
 4.254712   -0.332469  -440.944549
 Program    SAP2000     Nonlinear     Version     7.42
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 REL DIST          P           V2          V3
    T          M2          M3
 0.75000    -1.439090    10.284529      0.042090
 4.254712   -0.384735  -453.715374
 1.00000    -1.439090    10.284529      0.042090
 4.254712   -0.437000  -466.486200

 LOAD     -P5 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.870434   -23.143932      0.002353
-6.072026    0.205143   941.181137
 0.25000     1.870434   -23.143932      0.002353
-6.072026    0.202221   969.920142
 0.50000     1.870434   -23.143932      0.002353
-6.072026    0.199300   998.659148
 0.75000     1.870434   -23.143932      0.002353
-6.072026    0.196378   1027.398
 1.00000     1.870434   -23.143932      0.002353
-6.072026    0.193456   1056.137

 LOAD     -P6 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -0.541758    15.538833     -0.045939
 2.716963    0.007199  -641.003967
 0.25000    -0.541758    15.538833     -0.045939
 2.716963    0.064244  -660.299331
 0.50000    -0.541758    15.538833     -0.045939
 2.716963    0.121290  -679.594695
 0.75000    -0.541758    15.538833     -0.045939
 2.716963    0.178335  -698.890060
 1.00000    -0.541758    15.538833     -0.045939
 2.716963    0.235380  -718.185424

 LOAD     -P7 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     0.110413    -2.679429      0.001496
-0.899648    0.015595   115.225727
 0.25000     0.110413    -2.679429      0.001496
-0.899648    0.013737   118.552911
 0.50000     0.110413    -2.679429      0.001496
-0.899648    0.011879   121.880096
 0.75000     0.110413    -2.679429      0.001496
-0.899648    0.010022   125.207281
 1.00000     0.110413    -2.679429      0.001496
-0.899648    0.008164   128.534466

 LOAD   -2N+1- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.980847    25.823362     -0.003849
 6.971674   -0.220738  -1056.407
 0.25000    -1.980847    25.823362     -0.003849
 6.971674   -0.215959  -1088.473
 0.50000    -1.980847    25.823362     -0.003849
 6.971674   -0.211179  -1120.539
 0.75000    -1.980847    25.823362     -0.003849
 6.971674   -0.206400  -1152.605
 1.00000    -1.980847    25.823362     -0.003849
 6.971674   -0.201620  -1184.672

 LOAD   -2N+2- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.980847   -25.823362      0.003849
-6.971674    0.220738   1056.407
 0.25000     1.980847   -25.823362      0.003849
-6.971674    0.215959   1088.473
 0.50000     1.980847   -25.823362      0.003849
-6.971674    0.211179   1120.539
 0.75000     1.980847   -25.823362      0.003849
-6.971674    0.206400   1152.605
 1.00000     1.980847   -25.823362      0.003849
-6.971674    0.201620   1184.672

 COMB  SETTLE ------------------- MAX

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.980847    25.823362      0.042090
 6.971674    0.220738   1056.407
 Program    SAP2000     Nonlinear     Version     7.42
   File:2교대구방향S5-S704.OUT

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 REL DIST          P           V2          V3
    T          M2          M3
 0.25000     1.980847    25.823362      0.042090
 6.971674    0.215959   1088.473
 0.50000     1.980847    25.823362      0.042090
 6.971674    0.211179   1120.539
 0.75000     1.980847    25.823362      0.042090
 6.971674    0.206400   1152.605
 1.00000     1.980847    25.823362      0.042090
 6.971674    0.235380   1184.672

 COMB  SETTLE ------------------- MIN

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.980847   -25.823362     -0.045939
-6.971674   -0.227937  -1056.407
 0.25000    -1.980847   -25.823362     -0.045939
-6.971674   -0.280203  -1088.473
 0.50000    -1.980847   -25.823362     -0.045939
-6.971674   -0.332469  -1120.539
 0.75000    -1.980847   -25.823362     -0.045939
-6.971674   -0.384735  -1152.605
 1.00000    -1.980847   -25.823362     -0.045939
-6.971674   -0.437000  -1184.672

 ELEM       11 ================== LENGTH =
 4.967662

 LOAD     -P4 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -1.517509    10.834267      0.043481
 3.651979   -0.227272  -466.463100
 0.25000    -1.517509    10.834267      0.043481
 3.651979   -0.281271  -479.918344
 0.50000    -1.517509    10.834267      0.043481
 3.651979   -0.335270  -493.373588
 0.75000    -1.517509    10.834267      0.043481
 3.651979   -0.389270  -506.828832
 1.00000    -1.517509    10.834267      0.043481
 3.651979   -0.443269  -520.284077

 LOAD     -P5 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     1.905372   -24.325992      0.000165
-4.961155    0.167980   1056.119
 0.25000     1.905372   -24.325992      0.000165
-4.961155    0.167776   1086.330
 0.50000     1.905372   -24.325992      0.000165
-4.961155    0.167571   1116.540
 0.75000     1.905372   -24.325992      0.000165
-4.961155    0.167366   1146.751
 1.00000     1.905372   -24.325992      0.000165
-4.961155    0.167162   1176.962

 LOAD     -P6 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -0.488158    16.209120     -0.046831
 2.500784    0.006542  -718.188429
 0.25000    -0.488158    16.209120     -0.046831
 2.500784    0.064702  -738.318787
 0.50000    -0.488158    16.209120     -0.046831
 2.500784    0.122862  -758.449144
 0.75000    -0.488158    16.209120     -0.046831
 2.500784    0.181022  -778.579502
 1.00000    -0.488158    16.209120     -0.046831
 2.500784    0.239182  -798.709859

 LOAD     -P7 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     0.100296    -2.717395      0.003185
-1.191609    0.052749   128.532729
 0.25000     0.100296    -2.717395      0.003185
-1.191609    0.048793   131.907504
 0.50000     0.100296    -2.717395      0.003185
-1.191609    0.044837   135.282279
 0.75000     0.100296    -2.717395      0.003185
-1.191609    0.040881   138.657053
 1.00000     0.100296    -2.717395      0.003185
-1.191609    0.036925   142.031828
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 LOAD   -2N+1- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -2.005668    27.043387     -0.003350
 6.152763   -0.220730   -1184.652
 0.25000    -2.005668    27.043387     -0.003350
 6.152763   -0.216569   -1218.237
 0.50000    -2.005668    27.043387     -0.003350
 6.152763   -0.212408   -1251.823
 0.75000    -2.005668    27.043387     -0.003350
 6.152763   -0.208248   -1285.408
 1.00000    -2.005668    27.043387     -0.003350
 6.152763   -0.204087   -1318.994

 LOAD   -2N+2- -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     2.005668   -27.043387      0.003350
-6.152763    0.220730    1184.652
 0.25000     2.005668   -27.043387      0.003350
-6.152763    0.216569    1218.237
 0.50000     2.005668   -27.043387      0.003350
-6.152763    0.212408    1251.823
 0.75000     2.005668   -27.043387      0.003350
-6.152763    0.208248    1285.408
 1.00000     2.005668   -27.043387      0.003350
-6.152763    0.204087    1318.994

 COMB  SETTLE ------------------- MAX

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000     2.005668    27.043387      0.043481
 6.152763    0.220730    1184.652
 0.25000     2.005668    27.043387      0.043481
 6.152763    0.216569    1218.237
 0.50000     2.005668    27.043387      0.043481
 6.152763    0.212408    1251.823
 0.75000     2.005668    27.043387      0.043481
 6.152763    0.208248    1285.408
 1.00000     2.005668    27.043387      0.043481
 6.152763    0.239182    1318.994

 COMB  SETTLE ------------------- MIN

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -2.005668   -27.043387     -0.046831
-6.152763   -0.227272   -1184.652
 0.25000    -2.005668   -27.043387     -0.046831
-6.152763   -0.281271   -1218.237
 0.50000    -2.005668   -27.043387     -0.046831
-6.152763   -0.335270   -1251.823
 0.75000    -2.005668   -27.043387     -0.046831
-6.152763   -0.389270   -1285.408
 1.00000    -2.005668   -27.043387     -0.046831
-6.152763   -0.443269   -1318.994

 ELEM       12 ================== LENGTH =
 4.967343

 LOAD     -P4 -------------------

 REL DIST          P           V2          V3
    T          M2          M3
 0.00000    -0.942375   -13.299855      0.032014
 0.589810   -0.209404  -520.270329
 0.25000    -0.942375   -13.299855      0.032014
```

0.589810 -0.249161 -503.754093
0.50000 -0.942375 -13.299855 0.032014
0.589810 -0.288917 -487.237856
0.75000 -0.942375 -13.299855 0.032014
0.589810 -0.328674 -470.721620
1.00000 -0.942375 -13.299855 0.032014
0.589810 -0.368430 -454.205384

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.256454	38.304006	0.021843
1.306533	0.099093	1176.963	
0.25000	0.256454	38.304006	0.021843
1.306533	0.071969	1129.395	
0.50000	0.256454	38.304006	0.021843
1.306533	0.044844	1081.828	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.256454	38.304006	0.021843
1.306533	0.017719	1034.261	
1.00000	0.256454	38.304006	0.021843
1.306533	-0.009406	986.693504	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.978871	-36.932702	-0.061297
-0.653205	0.024275	-798.722677	
0.25000	0.978871	-36.932702	-0.061297
-0.653205	0.100395	-752.858327	
0.50000	0.978871	-36.932702	-0.061297
-0.653205	0.176516	-706.993976	
0.75000	0.978871	-36.932702	-0.061297
-0.653205	0.252636	-661.129625	
1.00000	0.978871	-36.932702	-0.061297
-0.653205	0.328756	-615.265274	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.292950	11.928551	0.007440
-1.243137	0.086036	142.030362	
0.25000	-0.292950	11.928551	0.007440
-1.243137	0.076797	127.217060	
0.50000	-0.292950	11.928551	0.007440
-1.243137	0.067558	112.403758	
0.75000	-0.292950	11.928551	0.007440
-1.243137	0.058319	97.590456	
1.00000	-0.292950	11.928551	0.007440
-1.243137	0.049080	82.777154	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.036496	-50.232557	-0.029282
-0.063396	-0.185129	-1318.993	
0.25000	0.036496	-50.232557	-0.029282
-0.063396	-0.148765	-1256.612	
0.50000	0.036496	-50.232557	-0.029282
-0.063396	-0.112401	-1194.232	
0.75000	0.036496	-50.232557	-0.029282
-0.063396	-0.076038	-1131.851	
1.00000	0.036496	-50.232557	-0.029282
-0.063396	-0.039674	-1069.471	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036496	50.232557	0.029282
0.063396	0.185129	1318.993	
0.25000	-0.036496	50.232557	0.029282
0.063396	0.148765	1256.612	
0.50000	-0.036496	50.232557	0.029282
0.063396	0.112401	1194.232	
0.75000	-0.036496	50.232557	0.029282
0.063396	0.076038	1131.851	
1.00000	-0.036496	50.232557	0.029282
0.063396	0.039674	1069.471	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.978871	50.232557	0.032014
1.306533	0.185129	1318.993	
0.25000	0.978871	50.232557	0.032014
1.306533	0.148765	1256.612	
0.50000	0.978871	50.232557	0.032014
1.306533	0.176516	1194.232	
0.75000	0.978871	50.232557	0.032014
1.306533	0.252636	1131.851	
1.00000	0.978871	50.232557	0.032014
1.306533	0.328756	1069.471	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.942375	-50.232557	-0.061297
-1.243137	-0.209404	-1318.993	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-0.942375	-50.232557	-0.061297
-1.243137	-0.249161	-1256.612	
0.50000	-0.942375	-50.232557	-0.061297
-1.243137	-0.288917	-1194.232	
0.75000	-0.942375	-50.232557	-0.061297
-1.243137	-0.328674	-1131.851	
1.00000	-0.942375	-50.232557	-0.061297
-1.243137	-0.368430	-1069.471	

ELEM 13 ========== LENGTH = 4.967127

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.991661	-12.742157	0.029185
-0.198283	-0.230474	-454.199187	
0.25000	-0.991661	-12.742157	0.029185
-0.198283	-0.266715	-438.376207	
0.50000	-0.991661	-12.742157	0.029185
-0.198283	-0.302956	-422.553227	
0.75000	-0.991661	-12.742157	0.029185
-0.198283	-0.339196	-406.730248	
1.00000	-0.991661	-12.742157	0.029185
-0.198283	-0.375437	-390.907268	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.223430	37.140117	0.029381
2.821549	0.126603	986.709606	
0.25000	0.223430	37.140117	0.029381
2.821549	0.090119	940.589683	
0.50000	0.223430	37.140117	0.029381
2.821549	0.053635	894.469759	
0.75000	0.223430	37.140117	0.029381
2.821549	0.017150	848.349836	
1.00000	0.223430	37.140117	0.029381
2.821549	-0.019334	802.229913	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.080159	-36.274127	-0.069895
-1.319547	-0.003644	-615.286315	
0.25000	1.080159	-36.274127	-0.069895
-1.319547	0.083151	-570.241763	
0.50000	1.080159	-36.274127	-0.069895
-1.319547	0.169946	-525.197210	
0.75000	1.080159	-36.274127	-0.069895
-1.319547	0.256740	-480.152658	
1.00000	1.080159	-36.274127	-0.069895
-1.319547	0.343535	-435.108105	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.311928	11.876167	0.011330
-1.303719	0.107514	82.775896	
0.25000	-0.311928	11.876167	0.011330
-1.303719	0.093445	68.028287	
0.50000	-0.311928	11.876167	0.011330
-1.303719	0.079375	53.280678	
0.75000	-0.311928	11.876167	0.011330
-1.303719	0.065306	38.533070	
1.00000	-0.311928	11.876167	0.011330
-1.303719	0.051236	23.785461	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.088498	-49.016284	-0.040711
-1.517830	-0.234118	-1069.486	
0.25000	0.088498	-49.016284	-0.040711
-1.517830	-0.183564	-1008.618	
0.50000	0.088498	-49.016284	-0.040711
-1.517830	-0.133010	-947.750438	
0.75000	0.088498	-49.016284	-0.040711
-1.517830	-0.082456	-886.882905	
1.00000	0.088498	-49.016284	-0.040711
-1.517830	-0.031902	-826.015373	

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LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088498	49.016284	0.040711
1.517830	0.234118	1069.486	
0.25000	-0.088498	49.016284	0.040711
1.517830	0.183564	1008.618	
0.50000	-0.088498	49.016284	0.040711
1.517830	0.133010	947.750438	
0.75000	-0.088498	49.016284	0.040711
1.517830	0.082456	886.882905	
1.00000	-0.088498	49.016284	0.040711
1.517830	0.031902	826.015373	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.080159	49.016284	0.040711
2.821549	0.234118	1069.486	
0.25000	1.080159	49.016284	0.040711
2.821549	0.183564	1008.618	
0.50000	1.080159	49.016284	0.040711
2.821549	0.169946	947.750438	
0.75000	1.080159	49.016284	0.040711
2.821549	0.256740	886.882905	
1.00000	1.080159	49.016284	0.040711
2.821549	0.343535	826.015373	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.991661	-49.016284	-0.069895
-1.517830	-0.234118	-1069.486	
0.25000	-0.991661	-49.016284	-0.069895
-1.517830	-0.266715	-1008.618	
0.50000	-0.991661	-49.016284	-0.069895
-1.517830	-0.302956	-947.750438	
0.75000	-0.991661	-49.016284	-0.069895
-1.517830	-0.339196	-886.882905	
1.00000	-0.991661	-49.016284	-0.069895
-1.517830	-0.375437	-826.015373	

ELEM 14 ========== LENGTH = 4.966901

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.031326	-12.323018	0.016069
-0.539370	-0.284114	-390.904335	
0.25000	-1.031326	-12.323018	0.016069
-0.539370	-0.304067	-375.602532	
0.50000	-1.031326	-12.323018	0.016069
-0.539370	-0.324021	-360.300728	
0.75000	-1.031326	-12.323018	0.016069
-0.539370	-0.343974	-344.998924	
1.00000	-1.031326	-12.323018	0.016069
-0.539370	-0.363927	-329.697121	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.173686	36.275181	0.056674
3.528433	0.213595	802.253203	
0.25000	0.173686	36.275181	0.056674
3.528433	0.143221	757.209392	
0.50000	0.173686	36.275181	0.056674
3.528433	0.072847	712.165582	
0.75000	0.173686	36.275181	0.056674
3.528433	0.002474	667.121771	
1.00000	0.173686	36.275181	0.056674
3.528433	-0.067900	622.077960	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.185265	-35.775587	-0.088634
-1.800007	0.291387	-301.862746	
1.00000	1.185265	-35.775587	-0.088634
-1.800007	0.401445	-257.439293	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.327626	11.823424	0.015891
-1.189057	0.109309	23.784237	
0.25000	-0.327626	11.823424	0.015891
-1.189057	0.089577	9.102791	
0.50000	-0.327626	11.823424	0.015891
-1.189057	0.069845	-5.578655	
0.75000	-0.327626	11.823424	0.015891
-1.189057	0.050114	-20.260100	
1.00000	-0.327626	11.823424	0.015891
-1.189057	0.030382	-34.941546	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.153939	-48.098605	-0.072565
-2.339376	-0.322904	-826.037440	
0.25000	0.153939	-48.098605	-0.072565
-2.339376	-0.232798	-766.312184	
0.50000	0.153939	-48.098605	-0.072565
-2.339376	-0.142693	-706.586927	
0.75000	0.153939	-48.098605	-0.072565
-2.339376	-0.052587	-646.861670	
1.00000	0.153939	-48.098605	-0.072565
-2.339376	0.037518	-587.136414	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153939	48.098605	0.072565
2.339376	0.322904	826.037440	
0.25000	-0.153939	48.098605	0.072565
2.339376	0.232798	766.312184	
0.50000	-0.153939	48.098605	0.072565
2.339376	0.142693	706.586927	
0.75000	-0.153939	48.098605	0.072565
2.339376	0.052587	646.861670	
1.00000	-0.153939	48.098605	0.072565
2.339376	-0.037518	587.136414	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.185265	48.098605	0.072565
3.528433	0.322904	826.037440	
0.25000	1.185265	48.098605	0.072565
3.528433	0.232798	766.312184	
0.50000	1.185265	48.098605	0.072565
3.528433	0.181328	712.165582	
0.75000	1.185265	48.098605	0.072565
3.528433	0.291387	667.121771	
1.00000	1.185265	48.098605	0.072565
3.528433	0.401445	622.077960	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.031326	-48.098605	-0.088634
-2.339376	-0.322904	-826.037440	
0.25000	-1.031326	-48.098605	-0.088634
-2.339376	-0.304067	-766.312184	
0.50000	-1.031326	-48.098605	-0.088634
-2.339376	-0.324021	-706.586927	
0.75000	-1.031326	-48.098605	-0.088634
-2.339376	-0.343974	-646.861670	
1.00000	-1.031326	-48.098605	-0.088634
-2.339376	-0.363927	-587.136414	

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ELEM 15 ========== LENGTH = 4.967785

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.050665	-12.028658	-0.000885
-0.533322	-0.319726	-329.696605	
0.25000	-1.050665	-12.028658	-0.000885
-0.533322	-0.318627	-314.757658	
0.50000	-1.050665	-12.028658	-0.000885
-0.533322	-0.317528	-299.818712	
0.75000	-1.050665	-12.028658	-0.000885
-0.533322	-0.316429	-284.879765	
1.00000	-1.050665	-12.028658	-0.000885
-0.533322	-0.315330	-269.940819	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.078466	35.674097	0.090226
3.689011	0.253866	622.106401	
0.25000	0.078466	35.674097	0.090226
3.689011	0.141811	577.801091	
0.50000	0.078466	35.674097	0.090226
3.689011	0.029755	533.495782	
0.75000	0.078466	35.674097	0.090226
3.689011	-0.082301	489.190472	
1.00000	0.078466	35.674097	0.090226
3.689011	-0.194356	444.885162	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.320744	-35.442760	-0.108461
-2.185782	-0.019785	-257.467567	
0.25000	1.320744	-35.442760	-0.108461
-2.185782	0.114918	-213.449566	
0.50000	1.320744	-35.442760	-0.108461
-2.185782	0.249620	-169.431564	
0.75000	1.320744	-35.442760	-0.108461
-2.185782	0.384323	-125.413563	
1.00000	1.320744	-35.442760	-0.108461
-2.185782	0.519025	-81.395562	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.348545	11.797321	0.019120
-0.969906	0.085644	-34.942230	
0.25000	-0.348545	11.797321	0.019120
-0.969906	0.061898	-49.593867	
0.50000	-0.348545	11.797321	0.019120
-0.969906	0.038152	-64.245505	
0.75000	-0.348545	11.797321	0.019120
-0.969906	0.014406	-78.897143	
1.00000	-0.348545	11.797321	0.019120
-0.969906	-0.009339	-93.548781	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.270079	-47.471418	-0.109346
-2.719104	-0.339510	-587.164172	
0.25000	0.270079	-47.471418	-0.109346
-2.719104	-0.203709	-528.207224	
0.50000	0.270079	-47.471418	-0.109346
-2.719104	-0.067907	-469.250276	
0.75000	0.270079	-47.471418	-0.109346
-2.719104	0.067894	-410.293329	
1.00000	0.270079	-47.471418	-0.109346
-2.719104	0.203696	-351.336381	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.270079	47.471418	0.109346
2.719104	0.339510	587.164172	
0.25000	-0.270079	47.471418	0.109346
2.719104	0.203709	528.207224	
0.50000	-0.270079	47.471418	0.109346
2.719104	0.067907	469.250276	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.270079	47.471418	0.109346
2.719104	-0.067894	410.293329	
1.00000	-0.270079	47.471418	0.109346
2.719104	-0.203696	351.336381	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.320744	47.471418	0.109346
3.689011	0.339510	622.106401	
0.25000	1.320744	47.471418	0.109346
3.689011	0.203709	577.801091	
0.50000	1.320744	47.471418	0.109346
3.689011	0.249620	533.495782	
0.75000	1.320744	47.471418	0.109346
3.689011	0.384323	489.190472	
1.00000	1.320744	47.471418	0.109346
3.689011	0.519025	444.885162	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.050665	-47.471418	-0.109346
-2.719104	-0.339510	-587.164172	
0.25000	-1.050665	-47.471418	-0.109346
-2.719104	-0.318627	-528.207224	
0.50000	-1.050665	-47.471418	-0.109346
-2.719104	-0.317528	-469.250276	
0.75000	-1.050665	-47.471418	-0.109346
-2.719104	-0.316429	-410.293329	
1.00000	-1.050665	-47.471418	-0.109346
-2.719104	-0.315330	-351.336381	

ELEM 16 ========== LENGTH = 4.966679

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.059030	-11.886693	-0.015232
-0.221614	-0.316159	-269.941628	
0.25000	-1.059030	-11.886693	-0.015232
-0.221614	-0.297246	-255.182281	
0.50000	-1.059030	-11.886693	-0.015232
-0.221614	-0.278333	-240.422934	
0.75000	-1.059030	-11.886693	-0.015232
-0.221614	-0.259420	-225.663587	
1.00000	-1.059030	-11.886693	-0.015232
-0.221614	-0.240507	-210.904240	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031790	35.386723	0.123040
3.392689	0.206534	444.916142	
0.25000	-0.031790	35.386723	0.123040
3.392689	0.053758	400.977521	
0.50000	-0.031790	35.386723	0.123040
3.392689	-0.099017	357.038900	
0.75000	-0.031790	35.386723	0.123040
3.392689	-0.251793	313.100279	
1.00000	-0.031790	35.386723	0.123040
3.392689	-0.404568	269.161658	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.453855	-35.297374	-0.128287
-2.505943	0.074125	-81.425735	
0.25000	1.453855	-35.297374	-0.128287
-2.505943	0.233415	-37.598055	
0.50000	1.453855	-35.297374	-0.128287
-2.505943	0.392706	6.229625	
0.75000	1.453855	-35.297374	-0.128287
-2.505943	0.551997	50.057305	
1.00000	1.453855	-35.297374	-0.128287
-2.505943	0.711287	93.884985	

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LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.363035	11.797345	0.020479
-0.665131	0.035500	-93.548778	
0.25000	-0.363035	11.797345	0.020479
-0.665131	0.010072	-108.197184	
0.50000	-0.363035	11.797345	0.020479
-0.665131	-0.015356	-122.845590	
0.75000	-0.363035	11.797345	0.020479
-0.665131	-0.040784	-137.493996	
1.00000	-0.363035	11.797345	0.020479
-0.665131	-0.066212	-152.142402	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.394825	-47.184068	-0.143519
-2.727557	-0.242034	-351.367364	
0.25000	0.394825	-47.184068	-0.143519
-2.727557	-0.063830	-292.780337	
0.50000	0.394825	-47.184068	-0.143519
-2.727557	0.114373	-234.193310	
0.75000	0.394825	-47.184068	-0.143519
-2.727557	0.292577	-175.606283	
1.00000	0.394825	-47.184068	-0.143519
-2.727557	0.470781	-117.019256	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.394825	47.184068	0.143519
2.727557	0.242034	351.367364	
0.25000	-0.394825	47.184068	0.143519
2.727557	0.063830	292.780337	
0.50000	-0.394825	47.184068	0.143519
2.727557	-0.114373	234.193310	
0.75000	-0.394825	47.184068	0.143519
2.727557	-0.292577	175.606283	
1.00000	-0.394825	47.184068	0.143519
2.727557	-0.470781	117.019256	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.453855	47.184068	0.143519
3.392689	0.242034	444.916142	
0.25000	1.453855	47.184068	0.143519
3.392689	0.233415	400.977521	
0.50000	1.453855	47.184068	0.143519
3.392689	0.392706	357.038900	
0.75000	1.453855	47.184068	0.143519
3.392689	0.551997	313.100279	
1.00000	1.453855	47.184068	0.143519
3.392689	0.711287	269.161658	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.059030	-47.184068	-0.143519
-2.727557	-0.316159	-351.367364	
0.25000	-1.059030	-47.184068	-0.143519
-2.727557	-0.297246	-292.780337	
0.50000	-1.059030	-47.184068	-0.143519
-2.727557	-0.278333	-240.422934	
0.75000	-1.059030	-47.184068	-0.143519
-2.727557	-0.292577	-225.663587	
1.00000	-1.059030	-47.184068	-0.143519
-2.727557	-0.470781	-210.904240	

ELEM 17 ========== LENGTH = 4.967675

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.051307	-11.819548	-0.024218
0.237333	-0.274839	-210.905257	
0.25000	-1.051307	-11.819548	-0.024218
0.237333	-0.244762	-196.226339	
0.50000	-1.051307	-11.819548	-0.024218
0.237333	-0.214685	-181.547420	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-1.051307	-11.819548	-0.024218
0.237333	-0.184608	-166.868502	
1.00000	-1.051307	-11.819548	-0.024218
0.237333	-0.154531	-152.189584	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.174815	35.276530	0.132726
2.903453	0.044642	269.194202	
0.25000	-0.174815	35.276530	0.132726
2.903453	-0.120193	225.383616	
0.50000	-0.174815	35.276530	0.132726
2.903453	-0.285029	181.573030	
0.75000	-0.174815	35.276530	0.132726
2.903453	-0.449864	137.762444	
1.00000	-0.174815	35.276530	0.132726
2.903453	-0.614700	93.951859	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.604024	-35.275993	-0.125751
-2.913468	0.269983	93.853083	
0.25000	1.604024	-35.275993	-0.125751
-2.913468	0.426156	137.663002	
0.50000	1.604024	-35.275993	-0.125751
-2.913468	0.582329	181.472920	
0.75000	1.604024	-35.275993	-0.125751
-2.913468	0.738502	225.282839	
1.00000	1.604024	-35.275993	-0.125751
-2.913468	0.894675	269.092758	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.377902	11.819010	0.017243
-0.227317	-0.039786	-152.142027	
0.25000	-0.377902	11.819010	0.017243
-0.227317	-0.061200	-166.820279	
0.50000	-0.377902	11.819010	0.017243
-0.227317	-0.082615	-181.498530	
0.75000	-0.377902	11.819010	0.017243
-0.227317	-0.104029	-196.176781	
1.00000	-0.377902	11.819010	0.017243
-0.227317	-0.125444	-210.855033	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.552717	-47.095540	-0.149970
-2.676135	-0.004856	-117.052174	
0.25000	0.552717	-47.095540	-0.149970
-2.676135	0.181394	-58.563337	
0.50000	0.552717	-47.095540	-0.149970
-2.676135	0.367644	-0.074500	
0.75000	0.552717	-47.095540	-0.149970
-2.676135	0.553894	58.414337	
1.00000	0.552717	-47.095540	-0.149970
-2.676135	0.740144	116.903174	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.552717	47.095540	0.149970
2.676135	0.004856	117.052174	
0.25000	-0.552717	47.095540	0.149970
2.676135	-0.181394	58.563337	
0.50000	-0.552717	47.095540	0.149970
2.676135	-0.367644	0.074500	
0.75000	-0.552717	47.095540	0.149970
2.676135	-0.553894	-58.414337	
1.00000	-0.552717	47.095540	0.149970
2.676135	-0.740144	-116.903174	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.604024	47.095540	0.149970
2.903453	0.269983	269.194202	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	1.604024	47.095540	0.149970
2.903453	0.426156	225.383616	
0.50000	1.604024	47.095540	0.149970
2.903453	0.582329	181.573030	
0.75000	1.604024	47.095540	0.149970
2.903453	0.738502	225.282839	
1.00000	1.604024	47.095540	0.149970
2.903453	0.894675	269.092758	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.051307	-47.095540	-0.149970
-2.913468	-0.274839	-210.905257	
0.25000	-1.051307	-47.095540	-0.149970
-2.913468	-0.244762	-196.226339	
0.50000	-1.051307	-47.095540	-0.149970
-2.913468	-0.367644	-181.547420	
0.75000	-1.051307	-47.095540	-0.149970
-2.913468	-0.553894	-196.176781	
1.00000	-1.051307	-47.095540	-0.149970
-2.913468	-0.740144	-210.855033	

ELEM 18 ========== LENGTH = 4.967678

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.040149	-11.791501	-0.028178
0.651392	-0.209922	-152.190276	
0.25000	-1.040149	-11.791501	-0.028178
0.651392	-0.174927	-137.546180	
0.50000	-1.040149	-11.791501	-0.028178
0.651392	-0.139932	-122.902083	
0.75000	-1.040149	-11.791501	-0.028178
0.651392	-0.104938	-108.257987	
1.00000	-1.040149	-11.791501	-0.028178
0.651392	-0.069943	-93.613891	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.314353	35.296364	0.131278
2.500247	-0.144074	93.984104	
0.25000	-0.314353	35.296364	0.131278
2.500247	-0.307111	50.148858	
0.50000	-0.314353	35.296364	0.131278
2.500247	-0.470148	6.313612	
0.75000	-0.314353	35.296364	0.131278
2.500247	-0.633185	-37.521634	
1.00000	-0.314353	35.296364	0.131278
2.500247	-0.796222	-81.356880	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.736369	-35.384187	-0.112243
-3.410499	0.477019	269.060381	
0.25000	1.736369	-35.384187	-0.112243
-3.410499	0.616416	313.004697	
0.50000	1.736369	-35.384187	-0.112243
-3.410499	0.755813	356.949013	
0.75000	1.736369	-35.384187	-0.112243
-3.410499	0.895210	400.893329	
1.00000	1.736369	-35.384187	-0.112243
-3.410499	1.034607	444.837645	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.381867	11.879325	0.009143
0.258860	-0.123022	-210.854209	
0.25000	-0.381867	11.879325	0.009143
0.258860	-0.134377	-225.607375	
0.50000	-0.381867	11.879325	0.009143
0.258860	-0.145732	-240.360541	
0.75000	-0.381867	11.879325	0.009143
0.258860	-0.157087	-255.113708	
1.00000	-0.381867	11.879325	0.009143
0.258860	-0.168442	-269.866874	

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LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.696220	-47.175688	-0.140421
-2.759107	0.267097	116.870105	
0.25000	0.696220	-47.175688	-0.140421
-2.759107	0.441488	175.458517	
0.50000	0.696220	-47.175688	-0.140421
-2.759107	0.615880	234.046930	
0.75000	0.696220	-47.175688	-0.140421
-2.759107	0.790272	292.635342	
1.00000	0.696220	-47.175688	-0.140421
-2.759107	0.964664	351.223754	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.696220	47.175688	0.140421
2.759107	-0.267097	-116.870105	
0.25000	-0.696220	47.175688	0.140421
2.759107	-0.441488	-175.458517	
0.50000	-0.696220	47.175688	0.140421
2.759107	-0.615880	-234.046930	
0.75000	-0.696220	47.175688	0.140421
2.759107	-0.790272	-292.635342	
1.00000	-0.696220	47.175688	0.140421
2.759107	-0.964664	-351.223754	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.736369	47.175688	0.140421
2.759107	0.477019	269.060381	
0.25000	1.736369	47.175688	0.140421
2.759107	0.616416	313.004697	
0.50000	1.736369	47.175688	0.140421
2.759107	0.755813	356.949013	
0.75000	1.736369	47.175688	0.140421
2.759107	0.895210	400.893329	
1.00000	1.736369	47.175688	0.140421
2.759107	1.034607	444.837645	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.040149	-47.175688	-0.140421
-3.410499	-0.267097	-210.854209	
0.25000	-1.040149	-47.175688	-0.140421
-3.410499	-0.441488	-225.607375	
0.50000	-1.040149	-47.175688	-0.140421
-3.410499	-0.615880	-240.360541	
0.75000	-1.040149	-47.175688	-0.140421
-3.410499	-0.790272	-292.635342	
1.00000	-1.040149	-47.175688	-0.140421
-3.410499	-0.964664	-351.223754	

ELEM 19 ========== LENGTH = 4.966779

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.018942	-11.783780	-0.028135
0.906141	-0.136343	-93.614502	
0.25000	-1.018942	-11.783780	-0.028135
0.906141	-0.101409	-78.982645	
0.50000	-1.018942	-11.783780	-0.028135
0.906141	-0.066474	-64.350788	
0.75000	-1.018942	-11.783780	-0.028135
0.906141	-0.031539	-49.718931	
1.00000	-1.018942	-11.783780	-0.028135
0.906141	0.003395	-35.087074	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.471614	35.441558	0.121557
2.167705	-0.328115	-81.326770	
0.25000	-0.471614	35.441558	0.121557
2.167705	-0.479052	-125.334364	
0.50000	-0.471614	35.441558	0.121557
2.167705	-0.629988	-169.341958	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.471614	35.441558	0.121557
2.167705	-0.780925	-213.349552	
1.00000	-0.471614	35.441558	0.121557
2.167705	-0.931861	-257.357145	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.873468	-35.667776	-0.088355
-3.633447	0.655938	444.807615	
0.25000	1.873468	-35.667776	-0.088355
-3.633447	0.765648	489.096101	
0.50000	1.873468	-35.667776	-0.088355
-3.633447	0.875358	533.384588	
0.75000	1.873468	-35.667776	-0.088355
-3.633447	0.985068	577.673075	
1.00000	1.873468	-35.667776	-0.088355
-3.633447	1.094778	621.961561	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.382911	12.009998	-0.005067
0.559602	-0.191480	-269.866342	
0.25000	-0.382911	12.009998	-0.005067
0.559602	-0.185188	-284.779092	
0.50000	-0.382911	12.009998	-0.005067
0.559602	-0.178896	-299.691842	
0.75000	-0.382911	12.009998	-0.005067
0.559602	-0.172604	-314.604592	
1.00000	-0.382911	12.009998	-0.005067
0.559602	-0.166312	-329.517342	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.854525	-47.451556	-0.116490
-2.727307	0.519595	351.193113	
0.25000	0.854525	-47.451556	-0.116490
-2.727307	0.664239	410.113456	
0.50000	0.854525	-47.451556	-0.116490
-2.727307	0.808884	469.033800	
0.75000	0.854525	-47.451556	-0.116490
-2.727307	0.953529	527.954143	
1.00000	0.854525	-47.451556	-0.116490
-2.727307	1.098173	586.874487	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.854525	47.451556	0.116490
2.727307	-0.519595	-351.193113	
0.25000	-0.854525	47.451556	0.116490
2.727307	-0.664239	-410.113456	
0.50000	-0.854525	47.451556	0.116490
2.727307	-0.808884	-469.033800	
0.75000	-0.854525	47.451556	0.116490
2.727307	-0.953529	-527.954143	
1.00000	-0.854525	47.451556	0.116490
2.727307	-1.098173	-586.874487	

COMB SETTLE ------------------ MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.873468	47.451556	0.121557
2.727307	0.655938	444.807615	
0.25000	1.873468	47.451556	0.121557
2.727307	0.765648	489.096101	
0.50000	1.873468	47.451556	0.121557
2.727307	0.875358	533.384588	
0.75000	1.873468	47.451556	0.121557
2.727307	0.985068	577.673075	
1.00000	1.873468	47.451556	0.121557
2.727307	1.098173	621.961561	

COMB SETTLE ------------------ MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.018942	-47.451556	-0.116490
-3.633447	-0.519595	-351.193113	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.018942	-47.451556	-0.116490
-3.633447	-0.664239	-410.113456	
0.50000	-1.018942	-47.451556	-0.116490
-3.633447	-0.808884	-469.033800	
0.75000	-1.018942	-47.451556	-0.116490
-3.633447	-0.953529	-527.954143	
1.00000	-1.018942	-47.451556	-0.116490
-3.633447	-1.098173	-586.874487	

ELEM 20 ========== LENGTH = 4.967901

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.999675	-11.796018	-0.023891
1.079074	-0.068023	-35.086825	
0.25000	-0.999675	-11.796018	-0.023891
1.079074	-0.038351	-20.436463	
0.50000	-0.999675	-11.796018	-0.023891
1.079074	-0.008678	-5.786101	
0.75000	-0.999675	-11.796018	-0.023891
1.079074	0.020994	8.864261	
1.00000	-0.999675	-11.796018	-0.023891
1.079074	0.050667	23.514624	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.612478	35.775022	0.095587
1.829572	-0.483896	-257.327921	
0.25000	-0.612478	35.775022	0.095587
1.829572	-0.602613	-301.759612	
0.50000	-0.612478	35.775022	0.095587
1.829572	-0.721329	-346.191304	
0.75000	-0.612478	35.775022	0.095587
1.829572	-0.840045	-390.622996	
1.00000	-0.612478	35.775022	0.095587
1.829572	-0.958761	-435.054688	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.983151	-36.270587	-0.049681
-3.590480	0.773886	621.932447	
0.25000	1.983151	-36.270587	-0.049681
-3.590480	0.835588	666.979618	
0.50000	1.983151	-36.270587	-0.049681
-3.590480	0.897290	712.026789	
0.75000	1.983151	-36.270587	-0.049681
-3.590480	0.958992	757.073960	
1.00000	1.983151	-36.270587	-0.049681
-3.590480	1.020694	802.121131	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.370997	12.291583	-0.022015
0.681834	-0.221966	-329.517701	
0.25000	-0.370997	12.291583	-0.022015
0.681834	-0.194625	-344.783542	
0.50000	-0.370997	12.291583	-0.022015
0.681834	-0.167283	-360.049384	
0.75000	-0.370997	12.291583	-0.022015
0.681834	-0.139941	-375.315225	
1.00000	-0.370997	12.291583	-0.022015
0.681834	-0.112599	-390.581067	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.983475	-48.066605	-0.073572
-2.511406	0.705863	586.845622	
0.25000	0.983475	-48.066605	-0.073572
-2.511406	0.797237	646.543155	
0.50000	0.983475	-48.066605	-0.073572
-2.511406	0.888611	706.240688	
0.75000	0.983475	-48.066605	-0.073572
-2.511406	0.979986	765.938221	
1.00000	0.983475	-48.066605	-0.073572
-2.511406	1.071360	825.635754	

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LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.983475	48.066605	0.073572
2.511406	-0.705863	-586.845622	
0.25000	-0.983475	48.066605	0.073572
2.511406	-0.797237	-646.543155	
0.50000	-0.983475	48.066605	0.073572
2.511406	-0.888611	-706.240688	
0.75000	-0.983475	48.066605	0.073572
2.511406	-0.979986	-765.938221	
1.00000	-0.983475	48.066605	0.073572
2.511406	-1.071360	-825.635754	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.983151	48.066605	0.095587
2.511406	0.773886	621.932447	
0.25000	1.983151	48.066605	0.095587
2.511406	0.835588	666.979618	
0.50000	1.983151	48.066605	0.095587
2.511406	0.897290	712.026789	
0.75000	1.983151	48.066605	0.095587
2.511406	0.979986	765.938221	
1.00000	1.983151	48.066605	0.095587
2.511406	1.071360	825.635754	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.999675	-48.066605	-0.073572
-3.590480	-0.705863	-586.845622	
0.25000	-0.999675	-48.066605	-0.073572
-3.590480	-0.797237	-646.543155	
0.50000	-0.999675	-48.066605	-0.073572
-3.590480	-0.888611	-706.240688	
0.75000	-0.999675	-48.066605	-0.073572
-3.590480	-0.979986	-765.938221	
1.00000	-0.999675	-48.066605	-0.073572
-3.590480	-1.071360	-825.635754	

ELEM 21 ========== LENGTH = 4.967114

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.974916	-11.831123	-0.017196
1.128636	-0.018153	23.514848	
0.25000	-0.974916	-11.831123	-0.017196
1.128636	0.003201	38.206482	
0.50000	-0.974916	-11.831123	-0.017196
1.128636	0.024555	52.898117	
0.75000	-0.974916	-11.831123	-0.017196
1.128636	0.045909	67.589751	
1.00000	-0.974916	-11.831123	-0.017196
1.128636	0.067263	82.281385	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.760435	36.273567	0.075495
1.264640	-0.543222	-435.029956	
0.25000	-0.760435	36.273567	0.075495
1.264640	-0.636970	-480.073692	
0.50000	-0.760435	36.273567	0.075495
1.264640	-0.730718	-525.117427	
0.75000	-0.760435	36.273567	0.075495
1.264640	-0.824467	-570.161163	
1.00000	-0.760435	36.273567	0.075495
1.264640	-0.918215	-615.204899	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.090404	-37.134370	-0.021866
-2.728967	0.756230	802.099352	
0.25000	2.090404	-37.134370	-0.021866
-2.728967	0.783382	848.212015	
0.50000	2.090404	-37.134370	-0.021866
-2.728967	0.810534	894.324678	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	2.090404	-37.134370	-0.021866
-2.728967	0.837687	940.437342	
1.00000	2.090404	-37.134370	-0.021866
-2.728967	0.864839	986.550005	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.355053	12.691927	-0.036433
0.335691	-0.194855	-390.584244	
0.25000	-0.355053	12.691927	-0.036433
0.335691	-0.149613	-406.344806	
0.50000	-0.355053	12.691927	-0.036433
0.335691	-0.104371	-422.105368	
0.75000	-0.355053	12.691927	-0.036433
0.335691	-0.059129	-437.865930	
1.00000	-0.355053	12.691927	-0.036433
0.335691	-0.013887	-453.626491	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.115488	-48.965493	-0.039062
-1.600331	0.738077	825.614200	
0.25000	1.115488	-48.965493	-0.039062
-1.600331	0.786583	886.418498	
0.50000	1.115488	-48.965493	-0.039062
-1.600331	0.835089	947.222795	
0.75000	1.115488	-48.965493	-0.039062
-1.600331	0.883595	1008.027	
1.00000	1.115488	-48.965493	-0.039062
-1.600331	0.932102	1068.831	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.115488	48.965493	0.039062
1.600331	-0.738077	-825.614200	
0.25000	-1.115488	48.965493	0.039062
1.600331	-0.786583	-886.418498	
0.50000	-1.115488	48.965493	0.039062
1.600331	-0.835089	-947.222795	
0.75000	-1.115488	48.965493	0.039062
1.600331	-0.883595	-1008.027	
1.00000	-1.115488	48.965493	0.039062
1.600331	-0.932102	-1068.831	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.090404	48.965493	0.075495
1.600331	0.756230	825.614200	
0.25000	2.090404	48.965493	0.075495
1.600331	0.786583	886.418498	
0.50000	2.090404	48.965493	0.075495
1.600331	0.835089	947.222795	
0.75000	2.090404	48.965493	0.075495
1.600331	0.883595	1008.027	
1.00000	2.090404	48.965493	0.075495
1.600331	0.932102	1068.831	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.115488	-48.965493	-0.039062
-2.728967	-0.738077	-825.614200	
0.25000	-1.115488	-48.965493	-0.039062
-2.728967	-0.786583	-886.418498	
0.50000	-1.115488	-48.965493	-0.039062
-2.728967	-0.835089	-947.222795	
0.75000	-1.115488	-48.965493	-0.039062
-2.728967	-0.883595	-1008.027	
1.00000	-1.115488	-48.965493	-0.039062
-2.728967	-0.932102	-1068.831	

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ELEM 22 ========== LENGTH = 4.967352

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.954096	-11.868117	-0.009987
1.009998	0.007924	82.281700	
0.25000	-0.954096	-11.868117	-0.009987
1.009998	0.020327	97.019980	
0.50000	-0.954096	-11.868117	-0.009987
1.009998	0.032729	111.758259	
0.75000	-0.954096	-11.868117	-0.009987
1.009998	0.045132	126.496538	
1.00000	-0.954096	-11.868117	-0.009987
1.009998	0.057534	141.234818	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.891088	36.932725	0.061825
0.593123	-0.543808	-615.183766	
0.25000	-0.891088	36.932725	0.061825
0.593123	-0.620585	-661.048231	
0.50000	-0.891088	36.932725	0.061825
0.593123	-0.697362	-706.912697	
0.75000	-0.891088	36.932725	0.061825
0.593123	-0.774138	-752.777162	
1.00000	-0.891088	36.932725	0.061825
0.593123	-0.850915	-798.641628	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.174227	-38.299046	-0.012830
-1.207694	0.657167	986.534743	
0.25000	2.174227	-38.299046	-0.012830
-1.207694	0.673100	1034.096	
0.50000	2.174227	-38.299046	-0.012830
-1.207694	0.689034	1081.657	
0.75000	2.174227	-38.299046	-0.012830
-1.207694	0.704967	1129.218	
1.00000	2.174227	-38.299046	-0.012830
-1.207694	0.720900	1176.780	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.329044	13.234437	-0.039007
-0.395428	-0.121283	-453.632677	
0.25000	-0.329044	13.234437	-0.039007
-0.395428	-0.072842	-470.067706	
0.50000	-0.329044	13.234437	-0.039007
-0.395428	-0.024401	-486.502734	
0.75000	-0.329044	13.234437	-0.039007
-0.395428	0.024039	-502.937762	
1.00000	-0.329044	13.234437	-0.039007
-0.395428	0.072480	-519.372791	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.220131	-50.167162	-0.022818
-0.197696	0.665091	1068.816	
0.25000	1.220131	-50.167162	-0.022818
-0.197696	0.693427	1131.116	
0.50000	1.220131	-50.167162	-0.022818
-0.197696	0.721763	1193.415	
0.75000	1.220131	-50.167162	-0.022818
-0.197696	0.750099	1255.715	
1.00000	1.220131	-50.167162	-0.022818
-0.197696	0.778435	1318.014	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.220131	50.167162	0.022818
0.197696	-0.665091	-1068.816	
0.25000	-1.220131	50.167162	0.022818
0.197696	-0.693427	-1131.116	
0.50000	-1.220131	50.167162	0.022818
0.197696	-0.721763	-1193.415	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-1.220131	50.167162	0.022818
0.197696	-0.750099	-1255.715	
1.00000	-1.220131	50.167162	0.022818
0.197696	-0.778435	-1318.014	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.174227	50.167162	0.061825
1.009998	0.665091	1068.816	
0.25000	2.174227	50.167162	0.061825
1.009998	0.693427	1131.116	
0.50000	2.174227	50.167162	0.061825
1.009998	0.721763	1193.415	
0.75000	2.174227	50.167162	0.061825
1.009998	0.750099	1255.715	
1.00000	2.174227	50.167162	0.061825
1.009998	0.778435	1318.014	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.220131	-50.167162	-0.039007
-1.207694	-0.665091	-1068.816	
0.25000	-1.220131	-50.167162	-0.039007
-1.207694	-0.693427	-1131.116	
0.50000	-1.220131	-50.167162	-0.039007
-1.207694	-0.721763	-1193.415	
0.75000	-1.220131	-50.167162	-0.039007
-1.207694	-0.750099	-1255.715	
1.00000	-1.220131	-50.167162	-0.039007
-1.207694	-0.778435	-1318.014	

ELEM 23 ========== LENGTH = 4.967656

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.057054	2.786622	-0.002646
0.933027	0.006033	142.873237	
0.25000	-0.057054	2.786622	-0.002646
0.933027	0.009319	139.412492	
0.50000	-0.057054	2.786622	-0.002646
0.933027	0.012605	135.951746	
0.75000	-0.057054	2.786622	-0.002646
0.933027	0.015891	132.491001	
1.00000	-0.057054	2.786622	-0.002646
0.933027	0.019177	129.030255	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.349058	-16.207459	0.037660
-2.289774	-0.472225	-798.682136	
0.25000	0.349058	-16.207459	0.037660
-2.289774	-0.518995	-778.553865	
0.50000	0.349058	-16.207459	0.037660
-2.289774	-0.565766	-758.425594	
0.75000	0.349058	-16.207459	0.037660
-2.289774	-0.612536	-738.297323	
1.00000	0.349058	-16.207459	0.037660
-2.289774	-0.659306	-718.169053	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.691483	24.325856	0.011933
4.646040	0.482222	1176.927	
0.25000	0.691483	24.325856	0.011933
4.646040	0.467402	1146.716	
0.50000	0.691483	24.325856	0.011933
4.646040	0.452582	1116.505	
0.75000	0.691483	24.325856	0.011933
4.646040	0.437763	1086.295	
1.00000	0.691483	24.325856	0.011933
4.646040	0.422943	1056.084	

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LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.983487	-10.905020	-0.046947
-3.289294	-0.016030	-521.117786	
0.25000	-0.983487	-10.905020	-0.046947
-3.289294	0.042274	-507.574688	
0.50000	-0.983487	-10.905020	-0.046947
-3.289294	0.100578	-494.031590	
0.75000	-0.983487	-10.905020	-0.046947
-3.289294	0.158882	-480.488492	
1.00000	-0.983487	-10.905020	-0.046947
-3.289294	0.217186	-466.945394	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.634429	27.112479	0.009287
5.579068	0.488255	1319.800	
0.25000	0.634429	27.112479	0.009287
5.579068	0.476721	1286.129	
0.50000	0.634429	27.112479	0.009287
5.579068	0.465187	1252.457	
0.75000	0.634429	27.112479	0.009287
5.579068	0.453654	1218.786	
1.00000	0.634429	27.112479	0.009287
5.579068	0.442120	1185.114	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.634429	-27.112479	-0.009287
-5.579068	-0.488255	-1319.800	
0.25000	-0.634429	-27.112479	-0.009287
-5.579068	-0.476721	-1286.129	
0.50000	-0.634429	-27.112479	-0.009287
-5.579068	-0.465187	-1252.457	
0.75000	-0.634429	-27.112479	-0.009287
-5.579068	-0.453654	-1218.786	
1.00000	-0.634429	-27.112479	-0.009287
-5.579068	-0.442120	-1185.114	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.691483	27.112479	0.037660
5.579068	0.488255	1319.800	
0.25000	0.691483	27.112479	0.037660
5.579068	0.476721	1286.129	
0.50000	0.691483	27.112479	0.037660
5.579068	0.465187	1252.457	
0.75000	0.691483	27.112479	0.037660
5.579068	0.453654	1218.786	
1.00000	0.691483	27.112479	0.037660
5.579068	0.442120	1185.114	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.983487	-27.112479	-0.046947
-5.579068	-0.488255	-1319.800	
0.25000	-0.983487	-27.112479	-0.046947
-5.579068	-0.518995	-1286.129	
0.50000	-0.983487	-27.112479	-0.046947
-5.579068	-0.565766	-1252.457	
0.75000	-0.983487	-27.112479	-0.046947
-5.579068	-0.612536	-1218.786	
1.00000	-0.983487	-27.112479	-0.046947
-5.579068	-0.659306	-1185.114	

ELEM 24 ========== LENGTH = 4.967007

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042720	2.728117	-0.001569
0.772603	-0.018895	129.030774	
0.25000	-0.042720	2.728117	-0.001569
0.772603	-0.016947	125.643130	
0.50000	-0.042720	2.728117	-0.001569
0.772603	-0.014998	122.255487	

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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.042720	2.728117	-0.001569
0.772603	-0.013050	118.867843	
1.00000	-0.042720	2.728117	-0.001569
0.772603	-0.011102	115.480199	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.258966	-15.539347	0.032114
-2.782666	-0.406934	-718.165172	
0.25000	0.258966	-15.539347	0.032114
-2.782666	-0.446811	-698.869160	
0.50000	0.258966	-15.539347	0.032114
-2.782666	-0.486689	-679.573148	
0.75000	0.258966	-15.539347	0.032114
-2.782666	-0.526567	-660.277135	
1.00000	0.258966	-15.539347	0.032114
-2.782666	-0.566444	-640.981123	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.715211	23.146536	0.009522
6.166988	0.388983	1056.102	
0.25000	0.715211	23.146536	0.009522
6.166988	0.377159	1027.359	
0.50000	0.715211	23.146536	0.009522
6.166988	0.365335	998.617080	
0.75000	0.715211	23.146536	0.009522
6.166988	0.353512	969.874826	
1.00000	0.715211	23.146536	0.009522
6.166988	0.341688	941.132573	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.931456	-10.335306	-0.040067
-4.156925	0.036846	-466.967189	
0.25000	-0.931456	-10.335306	-0.040067
-4.156925	0.086599	-454.133304	
0.50000	-0.931456	-10.335306	-0.040067
-4.156925	0.136352	-441.299419	
0.75000	-0.931456	-10.335306	-0.040067
-4.156925	0.186105	-428.465534	
1.00000	-0.931456	-10.335306	-0.040067
-4.156925	0.235858	-415.631649	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.672490	25.874653	0.007953
6.939591	0.370088	1185.132	
0.25000	0.672490	25.874653	0.007953
6.939591	0.360213	1153.002	
0.50000	0.672490	25.874653	0.007953
6.939591	0.350337	1120.873	
0.75000	0.672490	25.874653	0.007953
6.939591	0.340462	1088.743	
1.00000	0.672490	25.874653	0.007953
6.939591	0.330586	1056.613	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672490	-25.874653	-0.007953
-6.939591	-0.370088	-1185.132	
0.25000	-0.672490	-25.874653	-0.007953
-6.939591	-0.360213	-1153.002	
0.50000	-0.672490	-25.874653	-0.007953
-6.939591	-0.350337	-1120.873	
0.75000	-0.672490	-25.874653	-0.007953
-6.939591	-0.340462	-1088.743	
1.00000	-0.672490	-25.874653	-0.007953
-6.939591	-0.330586	-1056.613	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.715211	25.874653	0.032114
6.939591	0.388983	1185.132	

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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	0.715211	25.874653	0.032114
6.939591	0.377159	1153.002	
0.50000	0.715211	25.874653	0.032114
6.939591	0.365335	1120.873	
0.75000	0.715211	25.874653	0.032114
6.939591	0.353512	1088.743	
1.00000	0.715211	25.874653	0.032114
6.939591	0.341688	1056.613	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.931456	-25.874653	-0.040067
-6.939591	-0.406934	-1185.132	
0.25000	-0.931456	-25.874653	-0.040067
-6.939591	-0.446811	-1153.002	
0.50000	-0.931456	-25.874653	-0.040067
-6.939591	-0.486689	-1120.873	
0.75000	-0.931456	-25.874653	-0.040067
-6.939591	-0.526567	-1088.743	
1.00000	-0.931456	-25.874653	-0.040067
-6.939591	-0.566444	-1056.613	

ELEM 25 ========== LENGTH = 4.967404

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031477	2.669340	-0.000493
0.589646	-0.035015	115.481071	
0.25000	-0.031477	2.669340	-0.000493
0.589646	-0.034402	112.166149	
0.50000	-0.031477	2.669340	-0.000493
0.589646	-0.033790	108.851226	
0.75000	-0.031477	2.669340	-0.000493
0.589646	-0.033178	105.536304	
1.00000	-0.031477	2.669340	-0.000493

0.589646 -0.032566 102.221382

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.189065	-14.989449	0.013442
-2.676538	-0.404628	-640.981929	
0.25000	0.189065	-14.989449	0.013442
-2.676538	-0.421321	-622.367266	
0.50000	0.189065	-14.989449	0.013442
-2.676538	-0.438015	-603.752603	
0.75000	0.189065	-14.989449	0.013442
-2.676538	-0.454708	-585.137941	
1.00000	0.189065	-14.989449	0.013442
-2.676538	-0.471401	-566.523278	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.708466	22.189913	0.033603
6.615191	0.445502	941.159674	
0.25000	0.708466	22.189913	0.033603
6.615191	0.403772	913.603108	
0.50000	0.708466	22.189913	0.033603
6.615191	0.362043	886.046542	
0.75000	0.708466	22.189913	0.033603
6.615191	0.320313	858.489976	
1.00000	0.708466	22.189913	0.033603
6.615191	0.278584	830.933410	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.866054	-9.869803	-0.046552
-4.528299	-0.005859	-415.658816	
0.25000	-0.866054	-9.869803	-0.046552
-4.528299	0.051952	-403.401990	
0.50000	-0.866054	-9.869803	-0.046552
-4.528299	0.109762	-391.145164	
0.75000	-0.866054	-9.869803	-0.046552
-4.528299	0.167573	-378.888339	
1.00000	-0.866054	-9.869803	-0.046552
-4.528299	0.225384	-366.631513	

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.676990	24.859252	0.033110
7.204837	0.410488	1056.641	
0.25000	0.676990	24.859252	0.033110
7.204837	0.369370	1025.769	
0.50000	0.676990	24.859252	0.033110
7.204837	0.328252	994.897768	
0.75000	0.676990	24.859252	0.033110
7.204837	0.287135	964.026280	
1.00000	0.676990	24.859252	0.033110
7.204837	0.246017	933.154791	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.676990	-24.859252	-0.033110
-7.204837	-0.410488	-1056.641	
0.25000	-0.676990	-24.859252	-0.033110
-7.204837	-0.369370	-1025.769	
0.50000	-0.676990	-24.859252	-0.033110
-7.204837	-0.328252	-994.897768	
0.75000	-0.676990	-24.859252	-0.033110
-7.204837	-0.287135	-964.026280	
1.00000	-0.676990	-24.859252	-0.033110
-7.204837	-0.246017	-933.154791	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.708466	24.859252	0.033603
7.204837	0.445502	1056.641	
0.25000	0.708466	24.859252	0.033603
7.204837	0.403772	1025.769	
0.50000	0.708466	24.859252	0.033603
7.204837	0.362043	994.897768	
0.75000	0.708466	24.859252	0.033603
7.204837	0.320313	964.026280	
1.00000	0.708466	24.859252	0.033603
7.204837	0.278584	933.154791	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.866054	-24.859252	-0.046552
-7.204837	-0.410488	-1056.641	
0.25000	-0.866054	-24.859252	-0.046552
-7.204837	-0.421321	-1025.769	
0.50000	-0.866054	-24.859252	-0.046552
-7.204837	-0.438015	-994.897768	
0.75000	-0.866054	-24.859252	-0.046552
-7.204837	-0.454708	-964.026280	
1.00000	-0.866054	-24.859252	-0.046552
-7.204837	-0.471401	-933.154791	

ELEM 26 ========== LENGTH = 4.966912

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026234	2.633978	0.001170
0.371339	-0.042221	102.222281	
0.25000	-0.026234	2.633978	0.001170
0.371339	-0.043673	98.951597	
0.50000	-0.026234	2.633978	0.001170
0.371339	-0.045126	95.680914	
0.75000	-0.026234	2.633978	0.001170
0.371339	-0.046578	92.410230	
1.00000	-0.026234	2.633978	0.001170
0.371339	-0.048031	89.139547	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.155354	-14.672101	-0.009300
-1.964279	-0.399983	-566.526798	
0.25000	0.155354	-14.672101	-0.009300
-1.964279	-0.388434	-548.308041	
0.50000	0.155354	-14.672101	-0.009300
-1.964279	-0.376886	-530.089285	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.155354	-14.672101	-0.009300
-1.964279	-0.364338	-511.870528	
1.00000	0.155354	-14.672101	-0.009300
-1.964279	-0.353790	-493.651771	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.647815	21.612497	0.074863
6.027929	0.516866	830.966375	
0.25000	0.647815	21.612497	0.074863
6.027929	0.423906	804.129534	
0.50000	0.647815	21.612497	0.074863
6.027929	0.330947	777.292693	
0.75000	0.647815	21.612497	0.074863
6.027929	0.237987	750.455852	
1.00000	0.647815	21.612497	0.074863
6.027929	0.145027	723.619010	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.776935	-9.574375	-0.066733
-4.434990	-0.074662	-366.661858	
0.25000	-0.776935	-9.574375	-0.066733
-4.434990	0.008202	-354.773090	
0.50000	-0.776935	-9.574375	-0.066733
-4.434990	0.091066	-342.884322	
0.75000	-0.776935	-9.574375	-0.066733
-4.434990	0.173930	-330.995554	
1.00000	-0.776935	-9.574375	-0.066733
-4.434990	0.256794	-319.106786	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.621581	24.246475	0.076033
6.399269	0.474645	933.188656	
0.25000	0.621581	24.246475	0.076033
6.399269	0.380233	903.081131	
0.50000	0.621581	24.246475	0.076033
6.399269	0.285821	872.973607	
0.75000	0.621581	24.246475	0.076033
6.399269	0.191408	842.866082	
1.00000	0.621581	24.246475	0.076033
6.399269	0.096996	812.758557	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.621581	-24.246475	-0.076033
-6.399269	-0.474645	-933.188656	
0.25000	-0.621581	-24.246475	-0.076033
-6.399269	-0.380233	-903.081131	
0.50000	-0.621581	-24.246475	-0.076033
-6.399269	-0.285821	-872.973607	
0.75000	-0.621581	-24.246475	-0.076033
-6.399269	-0.191408	-842.866082	
1.00000	-0.621581	-24.246475	-0.076033
-6.399269	-0.096996	-812.758557	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.647815	24.246475	0.076033
6.399269	0.516866	933.188656	
0.25000	0.647815	24.246475	0.076033
6.399269	0.423906	903.081131	
0.50000	0.647815	24.246475	0.076033
6.399269	0.330947	872.973607	
0.75000	0.647815	24.246475	0.076033
6.399269	0.237987	842.866082	
1.00000	0.647815	24.246475	0.076033
6.399269	0.256794	812.758557	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.776935	-24.246475	-0.076033
-6.399269	-0.474645	-933.188656	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-0.776935	-24.246475	-0.076033
-6.399269	-0.388434	-903.081131	
0.50000	-0.776935	-24.246475	-0.076033
-6.399269	-0.376886	-872.973607	
0.75000	-0.776935	-24.246475	-0.076033
-6.399269	-0.365338	-842.866082	
1.00000	-0.776935	-24.246475	-0.076033
-6.399269	-0.353790	-812.758557	

ELEM 27 ========== LENGTH = 4.967391

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024007	2.614048	0.002502
0.157469	-0.046032	89.140215	
0.25000	-0.024007	2.614048	0.002502
0.157469	-0.049139	85.893965	
0.50000	-0.024007	2.614048	0.002502
0.157469	-0.052245	82.647716	
0.75000	-0.024007	2.614048	0.002502
0.157469	-0.055352	79.401466	
1.00000	-0.024007	2.614048	0.002502
0.157469	-0.058459	76.155216	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.140099	-14.502184	-0.026196
-1.026805	-0.353818	-493.655257	
0.25000	0.140099	-14.502184	-0.026196
-1.026805	-0.321287	-475.645751	
0.50000	0.140099	-14.502184	-0.026196
-1.026805	-0.288755	-457.636245	
0.75000	0.140099	-14.502184	-0.026196
-1.026805	-0.256223	-439.626740	
1.00000	0.140099	-14.502184	-0.026196
-1.026805	-0.223692	-421.617234	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.559689	21.281694	0.107884
4.988263	0.491439	723.652474	
0.25000	0.559689	21.281694	0.107884
4.988263	0.357463	697.223848	
0.50000	0.559689	21.281694	0.107884
4.988263	0.223488	670.795222	
0.75000	0.559689	21.281694	0.107884
4.988263	0.089512	644.366595	
1.00000	0.559689	21.281694	0.107884
4.988263	-0.044463	617.937969	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.675780	-9.393558	-0.084189
-4.118927	-0.091589	-319.137432	
0.25000	-0.675780	-9.393558	-0.084189
-4.118927	0.012962	-307.472062	
0.50000	-0.675780	-9.393558	-0.084189
-4.118927	0.117513	-295.806692	
0.75000	-0.675780	-9.393558	-0.084189
-4.118927	0.222063	-284.141322	
1.00000	-0.675780	-9.393558	-0.084189
-4.118927	0.326614	-272.475952	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.535681	23.895742	0.110386
5.145732	0.445407	812.792689	
0.25000	0.535681	23.895742	0.110386
5.145732	0.308325	783.117813	
0.50000	0.535681	23.895742	0.110386
5.145732	0.171242	753.442937	
0.75000	0.535681	23.895742	0.110386
5.145732	0.034160	723.768061	
1.00000	0.535681	23.895742	0.110386
5.145732	-0.102922	694.093186	

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535681	-23.895742	-0.110386
-5.145732	-0.445407	-812.792689	
0.25000	-0.535681	-23.895742	-0.110386
-5.145732	-0.308325	-783.117813	
0.50000	-0.535681	-23.895742	-0.110386
-5.145732	-0.171242	-753.442937	
0.75000	-0.535681	-23.895742	-0.110386
-5.145732	-0.034160	-723.768061	
1.00000	-0.535681	-23.895742	-0.110386
-5.145732	0.102922	-694.093186	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.559689	23.895742	0.110386
5.145732	0.491439	812.792689	
0.25000	0.559689	23.895742	0.110386
5.145732	0.357463	783.117813	
0.50000	0.559689	23.895742	0.110386
5.145732	0.223488	753.442937	
0.75000	0.559689	23.895742	0.110386
5.145732	0.222063	723.768061	
1.00000	0.559689	23.895742	0.110386
5.145732	0.326614	694.093186	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.675780	-23.895742	-0.110386
-5.145732	-0.445407	-812.792689	
0.25000	-0.675780	-23.895742	-0.110386
-5.145732	-0.321287	-783.117813	
0.50000	-0.675780	-23.895742	-0.110386
-5.145732	-0.288755	-753.442937	
0.75000	-0.675780	-23.895742	-0.110386
-5.145732	-0.256223	-723.768061	
1.00000	-0.675780	-23.895742	-0.110386
-5.145732	-0.223692	-694.093186	

ELEM 28 ========== LENGTH = 4.968011

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026093	2.609960	0.002656
-0.083368	-0.046885	76.155614	
0.25000	-0.026093	2.609960	0.002656
-0.083368	-0.050184	72.914036	
0.50000	-0.026093	2.609960	0.002656
-0.083368	-0.053483	69.672458	
0.75000	-0.026093	2.609960	0.002656
-0.083368	-0.056782	66.430880	
1.00000	-0.026093	2.609960	0.002656
-0.083368	-0.060082	63.189302	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.149764	-14.453255	-0.032046
0.194864	-0.280664	-421.619892	
0.25000	0.149764	-14.453255	-0.032046
0.194864	-0.240863	-403.668909	
0.50000	0.149764	-14.453255	-0.032046
0.194864	-0.201063	-385.717926	
0.75000	0.149764	-14.453255	-0.032046
0.194864	-0.161262	-367.766942	
1.00000	0.149764	-14.453255	-0.032046
0.194864	-0.121461	-349.815959	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.434345	21.159898	0.121495
3.405945	0.386698	617.971817	
0.25000	0.434345	21.159898	0.121495
3.405945	0.235801	591.691165	
0.50000	0.434345	21.159898	0.121495
3.405945	0.084905	565.410513	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.434345	21.159898	0.121495
3.405945	-0.065992	539.129861	
1.00000	0.434345	21.159898	0.121495
3.405945	-0.216889	512.849209	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.558016	-9.316603	-0.092105
-3.517441	-0.059149	-272.507538	
0.25000	-0.558016	-9.316603	-0.092105
-3.517441	0.055246	-260.936292	
0.50000	-0.558016	-9.316603	-0.092105
-3.517441	0.169641	-249.365045	
0.75000	-0.558016	-9.316603	-0.092105
-3.517441	0.284036	-237.793799	
1.00000	-0.558016	-9.316603	-0.092105
-3.517441	0.398432	-226.222552	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.408253	23.769858	0.124151
3.322577	0.339814	694.127430	
0.25000	0.408253	23.769858	0.124151
3.322577	0.185618	664.605201	
0.50000	0.408253	23.769858	0.124151
3.322577	0.031422	635.082971	
0.75000	0.408253	23.769858	0.124151
3.322577	-0.122774	605.560741	
1.00000	0.408253	23.769858	0.124151
3.322577	-0.276970	576.038511	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.408253	-23.769858	-0.124151
-3.322577	-0.339814	-694.127430	
0.25000	-0.408253	-23.769858	-0.124151
-3.322577	-0.185618	-664.605201	
0.50000	-0.408253	-23.769858	-0.124151
-3.322577	-0.031422	-635.082971	
0.75000	-0.408253	-23.769858	-0.124151
-3.322577	0.122774	-605.560741	
1.00000	-0.408253	-23.769858	-0.124151
-3.322577	0.276970	-576.038511	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.434345	23.769858	0.124151
3.405945	0.386698	694.127430	
0.25000	0.434345	23.769858	0.124151
3.405945	0.235801	664.605201	
0.50000	0.434345	23.769858	0.124151
3.405945	0.169641	635.082971	
0.75000	0.434345	23.769858	0.124151
3.405945	0.284036	605.560741	
1.00000	0.434345	23.769858	0.124151
3.405945	0.398432	576.038511	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.558016	-23.769858	-0.124151
-3.517441	-0.339814	-694.127430	
0.25000	-0.558016	-23.769858	-0.124151
-3.517441	-0.240863	-664.605201	
0.50000	-0.558016	-23.769858	-0.124151
-3.517441	-0.201063	-635.082971	
0.75000	-0.558016	-23.769858	-0.124151
-3.517441	-0.161262	-605.560741	
1.00000	-0.558016	-23.769858	-0.124151
-3.517441	-0.276970	-576.038511	

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FRAME ELEMENT INTERNAL FORCES

ELEM 29 ========== LENGTH = 4.966639

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029385	2.607279	0.002424
-0.292426	-0.042466	63.189273	
0.25000	-0.029385	2.607279	0.002424
-0.292426	-0.045476	59.951919	
0.50000	-0.029385	2.607279	0.002424
-0.292426	-0.048486	56.714565	
0.75000	-0.029385	2.607279	0.002424
-0.292426	-0.051496	53.477210	
1.00000	-0.029385	2.607279	0.002424
-0.292426	-0.054507	50.239856	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.166682	-14.428732	-0.032677
1.308843	-0.214164	-349.816565	
0.25000	0.166682	-14.428732	-0.032677
1.308843	-0.173591	-331.900987	
0.50000	0.166682	-14.428732	-0.032677
1.308843	-0.133017	-313.985410	
0.75000	0.166682	-14.428732	-0.032677
1.308843	-0.092444	-296.069833	
1.00000	0.166682	-14.428732	-0.032677
1.308843	-0.051870	-278.154255	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.298033	21.097543	0.129299
1.886133	0.269641	512.880635	
0.25000	0.298033	21.097543	0.129299
1.886133	0.109095	486.684663	
0.50000	0.298033	21.097543	0.129299
1.886133	-0.051451	460.488691	
0.75000	0.298033	21.097543	0.129299
1.886133	-0.211996	434.292719	
1.00000	0.298033	21.097543	0.129299
1.886133	-0.372542	408.096747	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.435331	-9.276090	-0.099047
-2.902549	-0.013010	-226.253343	
0.25000	-0.435331	-9.276090	-0.099047
-2.902549	0.109972	-214.735594	
0.50000	-0.435331	-9.276090	-0.099047
-2.902549	0.232954	-203.217846	
0.75000	-0.435331	-9.276090	-0.099047
-2.902549	0.355936	-191.700097	
1.00000	-0.435331	-9.276090	-0.099047
-2.902549	0.478919	-180.182348	

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.268648 23.704823 0.131724
1.593707 0.227175 576.069908
0.25000 0.268648 23.704823 0.131724
1.593707 0.063619 546.636582
0.50000 0.268648 23.704823 0.131724
1.593707 -0.099937 517.203256
0.75000 0.268648 23.704823 0.131724
1.593707 -0.263492 487.769930
1.00000 0.268648 23.704823 0.131724
1.593707 -0.427048 458.336604

LOAD -2N+2- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.268648 -23.704823 -0.131724
-1.593707 -0.227175 -576.069908
0.25000 -0.268648 -23.704823 -0.131724
-1.593707 -0.063619 -546.636582
0.50000 -0.268648 -23.704823 -0.131724
-1.593707 0.099937 -517.203256
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REL DIST P V2 V3
T M2 M3
0.75000 -0.268648 -23.704823 -0.131724
-1.593707 0.263492 -487.769930
1.00000 -0.268648 -23.704823 -0.131724
-1.593707 0.427048 -458.336604

COMB SETTLE ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.298033 23.704823 0.131724
1.886133 0.269641 576.069908
0.25000 0.298033 23.704823 0.131724
1.886133 0.109972 546.636582
0.50000 0.298033 23.704823 0.131724
1.886133 0.232954 517.203256
0.75000 0.298033 23.704823 0.131724
1.886133 0.355936 487.769930
1.00000 0.298033 23.704823 0.131724
1.886133 0.478919 458.336604

COMB SETTLE ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.435331 -23.704823 -0.131724
-2.902549 -0.227175 -576.069908
0.25000 -0.435331 -23.704823 -0.131724
-2.902549 -0.173591 -546.636582
0.50000 -0.435331 -23.704823 -0.131724
-2.902549 -0.133017 -517.203256
0.75000 -0.435331 -23.704823 -0.131724
-2.902549 -0.263492 -487.769930
1.00000 -0.435331 -23.704823 -0.131724
-2.902549 -0.427048 -458.336604

ELEM 30 ========== LENGTH =
4.967289

LOAD -P4 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.035542 2.607342 0.002367
-0.446157 -0.032641 50.239634
0.25000 -0.035542 2.607342 0.002367
-0.446157 -0.035580 47.001778
0.50000 -0.035542 2.607342 0.002367
-0.446157 -0.038520 43.763923
0.75000 -0.035542 2.607342 0.002367
-0.446157 -0.041459 40.526067
1.00000 -0.035542 2.607342 0.002367
-0.446157 -0.044398 37.288212

LOAD -P5 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.199754 -14.427074 -0.032936
2.148030 -0.169151 -278.153777
0.25000 0.199754 -14.427074 -0.032936
2.148030 -0.128250 -260.237916
0.50000 0.199754 -14.427074 -0.032936
2.148030 -0.087349 -242.322055
0.75000 0.199754 -14.427074 -0.032936
2.148030 -0.046447 -224.406195
1.00000 0.199754 -14.427074 -0.032936
2.148030 -0.005546 -206.490334

LOAD -P6 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.137927 21.086202 0.132965
0.699313 0.149481 408.125193
0.25000 0.137927 21.086202 0.132965
0.699313 -0.015638 381.939880
0.50000 0.137927 21.086202 0.132965
0.699313 -0.180757 355.754566
0.75000 0.137927 21.086202 0.132965
0.699313 -0.345875 329.569253
1.00000 0.137927 21.086202 0.132965
0.699313 -0.510994 303.383940
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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.302138 -9.266470 -0.102395
-2.401186 0.052311 -180.211050
0.25000 -0.302138 -9.266470 -0.102395
-2.401186 0.179468 -168.703742
0.50000 -0.302138 -9.266470 -0.102395
-2.401186 0.306625 -157.196434
0.75000 -0.302138 -9.266470 -0.102395
-2.401186 0.433782 -145.689126
1.00000 -0.302138 -9.266470 -0.102395
-2.401186 0.560938 -134.181818

LOAD -2N+1- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.102385 23.693544 0.135332
0.253156 0.116840 458.364827
0.25000 0.102385 23.693544 0.135332
0.253156 -0.051218 428.941658
0.50000 0.102385 23.693544 0.135332
0.253156 -0.219276 399.518489
0.75000 0.102385 23.693544 0.135332
0.253156 -0.387334 370.095320
1.00000 0.102385 23.693544 0.135332
0.253156 -0.555392 340.672152

LOAD -2N+2- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.102385 -23.693544 -0.135332
-0.253156 -0.116840 -458.364827
0.25000 -0.102385 -23.693544 -0.135332
-0.253156 0.051218 -428.941658
0.50000 -0.102385 -23.693544 -0.135332
-0.253156 0.219276 -399.518489
0.75000 -0.102385 -23.693544 -0.135332
-0.253156 0.387334 -370.095320
1.00000 -0.102385 -23.693544 -0.135332
-0.253156 0.555392 -340.672152

COMB SETTLE ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.199754 23.693544 0.135332
2.148030 0.149481 458.364827
0.25000 0.199754 23.693544 0.135332
2.148030 0.179468 428.941658
0.50000 0.199754 23.693544 0.135332
2.148030 0.306625 399.518489
0.75000 0.199754 23.693544 0.135332
2.148030 0.433782 370.095320
1.00000 0.199754 23.693544 0.135332
2.148030 0.560938 340.672152

COMB SETTLE ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.302138 -23.693544 -0.135332
-2.401186 -0.169151 -458.364827
0.25000 -0.302138 -23.693544 -0.135332
-2.401186 -0.128250 -428.941658
0.50000 -0.302138 -23.693544 -0.135332
-2.401186 -0.219276 -399.518489
0.75000 -0.302138 -23.693544 -0.135332
-2.401186 -0.387334 -370.095320
1.00000 -0.302138 -23.693544 -0.135332
-2.401186 -0.555392 -340.672152

ELEM 31 ========== LENGTH =
4.967072

LOAD -P4 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.042053 2.607014 0.003124
-0.575911 -0.018946 37.287466
0.25000 -0.042053 2.607014 0.003124
-0.575911 -0.022825 34.050159
0.50000 -0.042053 2.607014 0.003124
-0.575911 -0.026704 30.812852
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REL DIST P V2 V3
T M2 M3
0.75000 -0.042053 2.607014 0.003124
-0.575911 -0.030583 27.575545
1.00000 -0.042053 2.607014 0.003124
-0.575911 -0.034463 24.338238

LOAD -P5 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.235016 -14.428457 -0.036970
2.875950 -0.143617 -206.487176
0.25000 0.235016 -14.428457 -0.036970
2.875950 -0.097709 -188.570378
0.50000 0.235016 -14.428457 -0.036970
2.875950 -0.051800 -170.653580
0.75000 0.235016 -14.428457 -0.036970
2.875950 -0.005892 -152.736782
1.00000 0.235016 -14.428457 -0.036970
2.875950 0.040016 -134.819985

LOAD -P6 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.026438 21.116026 0.136591
-0.472780 0.046772 303.410716
0.25000 -0.026438 21.116026 0.136591
-0.472780 -0.122842 277.189509
0.50000 -0.026438 21.116026 0.136591
-0.472780 -0.292457 250.968301
0.75000 -0.026438 21.116026 0.136591
-0.472780 -0.462071 224.747094
1.00000 -0.026438 21.116026 0.136591
-0.472780 -0.631686 198.525886

LOAD -P7 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.166525 -9.294583 -0.102745
-1.827260 0.115791 -134.211007
0.25000 -0.166525 -9.294583 -0.102745
-1.827260 0.243376 -122.669290
0.50000 -0.166525 -9.294583 -0.102745
-1.827260 0.370961 -111.127573
0.75000 -0.166525 -9.294583 -0.102745
-1.827260 0.498547 -99.585856
1.00000 -0.166525 -9.294583 -0.102745
-1.827260 0.626132 -88.044139

LOAD -2N+1- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.068491 23.723040 0.139715
-1.048690 0.027826 340.698182
0.25000 -0.068491 23.723040 0.139715
-1.048690 -0.145667 311.239668
0.50000 -0.068491 23.723040 0.139715
-1.048690 -0.319161 281.781153
0.75000 -0.068491 23.723040 0.139715
-1.048690 -0.492655 252.322639
1.00000 -0.068491 23.723040 0.139715
-1.048690 -0.666148 222.864124

LOAD -2N+2- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.068491 -23.723040 -0.139715
1.048690 -0.027826 -340.698182
0.25000 0.068491 -23.723040 -0.139715
1.048690 0.145667 -311.239668
0.50000 0.068491 -23.723040 -0.139715
1.048690 0.319161 -281.781153
0.75000 0.068491 -23.723040 -0.139715
1.048690 0.492655 -252.322639
1.00000 0.068491 -23.723040 -0.139715
1.048690 0.666148 -222.864124

COMB SETTLE ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.235016 23.723040 0.139715
2.875950 0.115791 340.698182
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REL DIST P V2 V3
T M2 M3
0.25000 0.235016 23.723040 0.139715
2.875950 0.243376 311.239668
0.50000 0.235016 23.723040 0.139715
2.875950 0.370961 281.781153
0.75000 0.235016 23.723040 0.139715
2.875950 0.498547 252.322639
1.00000 0.235016 23.723040 0.139715
2.875950 0.666148 222.864124

COMB SETTLE ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.166525 -23.723040 -0.139715
-1.827260 -0.143617 -340.698182
0.25000 -0.166525 -23.723040 -0.139715
-1.827260 -0.145667 -311.239668
0.50000 -0.166525 -23.723040 -0.139715
-1.827260 -0.319161 -281.781153
0.75000 -0.166525 -23.723040 -0.139715
-1.827260 -0.492655 -252.322639
1.00000 -0.166525 -23.723040 -0.139715
-1.827260 -0.666148 -222.864124

ELEM 32 ========== LENGTH =
4.967871

LOAD -P4 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.050313 2.589735 0.004181
-0.596101 -0.007993 24.337630
0.25000 -0.050313 2.589735 0.004181
-0.596101 -0.013186 21.121262
0.50000 -0.050313 2.589735 0.004181
-0.596101 -0.018379 17.904894
0.75000 -0.050313 2.589735 0.004181
-0.596101 -0.023572 14.688526
1.00000 -0.050313 2.589735 0.004181
-0.596101 -0.028765 11.472158

LOAD -P5 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.280086 -14.339458 -0.041307
3.011295 -0.104107 -134.817432
0.25000 0.280086 -14.339458 -0.041307
3.011295 -0.052805 -117.008287
0.50000 0.280086 -14.339458 -0.041307
3.011295 -0.001503 -99.199141
0.75000 0.280086 -14.339458 -0.041307
3.011295 0.049799 -81.389996
1.00000 0.280086 -14.339458 -0.041307
3.011295 0.101101 -63.580850

LOAD -P6 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.205653 21.051070 0.131058
-0.926579 -0.063784 198.551383
0.25000 -0.205653 21.051070 0.131058
-0.926579 -0.226554 172.406632
0.50000 -0.205653 21.051070 0.131058
-0.926579 -0.389323 146.261880
0.75000 -0.205653 21.051070 0.131058
-0.926579 -0.552092 120.117129
1.00000 -0.205653 21.051070 0.131058
-0.926579 -0.714862 93.972377

LOAD -P7 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.024121 -9.301347 -0.093932
-1.488614 0.175885 -88.071582
0.25000 -0.024121 -9.301347 -0.093932
-1.488614 0.292545 -76.519607
0.50000 -0.024121 -9.301347 -0.093932
-1.488614 0.409205 -64.967633
0.75000 -0.024121 -9.301347 -0.093932
-1.488614 0.525866 -53.415659
1.00000 -0.024121 -9.301347 -0.093932
-1.488614 0.642526 -41.863685
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LOAD -2N+1- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.255965 23.640805 0.135239
-1.522680 -0.071778 222.889014
0.25000 -0.255965 23.640805 0.135239
-1.522680 -0.239740 193.527894
0.50000 -0.255965 23.640805 0.135239
-1.522680 -0.407702 164.166774
0.75000 -0.255965 23.640805 0.135239
-1.522680 -0.575664 134.805655
1.00000 -0.255965 23.640805 0.135239
-1.522680 -0.743627 105.444535

LOAD -2N+2- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.255965 -23.640805 -0.135239
1.522680 0.071778 -222.889014
0.25000 0.255965 -23.640805 -0.135239
1.522680 0.239740 -193.527894
0.50000 0.255965 -23.640805 -0.135239
1.522680 0.407702 -164.166774
0.75000 0.255965 -23.640805 -0.135239
1.522680 0.575664 -134.805655
1.00000 0.255965 -23.640805 -0.135239
1.522680 0.743627 -105.444535

COMB SETTLE ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.280086 23.640805 0.135239
3.011295 0.175885 222.889014
0.25000 0.280086 23.640805 0.135239
3.011295 0.292545 193.527894
0.50000 0.280086 23.640805 0.135239
3.011295 0.409205 164.166774
0.75000 0.280086 23.640805 0.135239
3.011295 0.575664 134.805655
1.00000 0.280086 23.640805 0.135239
3.011295 0.743627 105.444535

COMB SETTLE ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.255965 -23.640805 -0.135239
-1.522680 -0.104107 -222.889014
0.25000 -0.255965 -23.640805 -0.135239
-1.522680 -0.239740 -193.527894
0.50000 -0.255965 -23.640805 -0.135239
-1.522680 -0.407702 -164.166774
0.75000 -0.255965 -23.640805 -0.135239
-1.522680 -0.575664 -134.805655
1.00000 -0.255965 -23.640805 -0.135239
-1.522680 -0.743627 -105.444535

ELEM 33 ========== LENGTH =
4.470768

LOAD -P4 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.058373 2.566083 0.002374
-0.531716 -0.001503 11.471863
0.25000 -0.058373 2.566083 0.002374
-0.531716 -0.004157 8.603773
0.50000 -0.058373 2.566083 0.002374
-0.531716 -0.006810 5.735683
0.75000 -0.058373 2.566083 0.002374
-0.531716 -0.009463 2.867593
1.00000 -0.058373 2.566083 0.002374
-0.531716 -0.012116 -0.000497

LOAD -P5 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.324206 -14.221912 -0.026619
2.705455 -0.048238 -63.579881
0.25000 0.324206 -14.221912 -0.026619
2.705455 -0.018487 -47.684165
0.50000 0.324206 -14.221912 -0.026619
2.705455 0.011264 -31.788449
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REL DIST P V2 V3
T M2 M3
0.75000 0.324206 -14.221912 -0.026619
2.705455 0.041016 -15.892733
1.00000 0.324206 -14.221912 -0.026619
2.705455 0.070767 0.002983

LOAD -P6 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.388853 21.030552 0.081151
-1.077114 -0.122116 93.998730
0.25000 -0.388853 21.030552 0.081151
-1.077114 -0.212817 70.493052
0.50000 -0.388853 21.030552 0.081151
-1.077114 -0.303519 46.987375
0.75000 -0.388853 21.030552 0.081151
-1.077114 -0.394221 23.481697
1.00000 -0.388853 21.030552 0.081151
-1.077114 -0.484923 -0.023980

LOAD -P7 ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.123020 -9.374723 -0.056906
-1.096625 0.171857 -41.890712
0.25000 0.123020 -9.374723 -0.056906
-1.096625 0.235461 -31.412660
0.50000 0.123020 -9.374723 -0.056906
-1.096625 0.299065 -20.934609
0.75000 0.123020 -9.374723 -0.056906
-1.096625 0.362668 -10.456557
1.00000 0.123020 -9.374723 -0.056906
-1.096625 0.426272 0.021494

LOAD -2N+1- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 -0.447226 23.596635 0.083525
-1.608830 -0.123619 105.470593
0.25000 -0.447226 23.596635 0.083525
-1.608830 -0.216974 79.096825
0.50000 -0.447226 23.596635 0.083525
-1.608830 -0.310329 52.723058
0.75000 -0.447226 23.596635 0.083525
-1.608830 -0.403684 26.349290
1.00000 -0.447226 23.596635 0.083525
-1.608830 -0.497039 -0.024477

LOAD -2N+2- ------------------

REL DIST P V2 V3
T M2 M3
0.00000 0.447226 -23.596635 -0.083525
1.608830 0.123619 -105.470593
0.25000 0.447226 -23.596635 -0.083525
1.608830 0.216974 -79.096825
0.50000 0.447226 -23.596635 -0.083525
1.608830 0.310329 -52.723058
0.75000 0.447226 -23.596635 -0.083525
1.608830 0.403684 -26.349290
1.00000 0.447226 -23.596635 -0.083525
1.608830 0.497039 0.024477

COMB SETTLE ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.447226 23.596635 0.083525
2.705455 0.171857 105.470593
0.25000 0.447226 23.596635 0.083525
2.705455 0.235461 79.096825
0.50000 0.447226 23.596635 0.083525
2.705455 0.310329 52.723058
0.75000 0.447226 23.596635 0.083525
2.705455 0.403684 26.349290
1.00000 0.447226 23.596635 0.083525
2.705455 0.497039 0.024477

COMB SETTLE ------------------ MIN

REL DIST P V2 V3

```
    T          M2          M3
 0.00000    -0.447226   -23.596635    -0.083525
-1.608830   -0.123619  -105.470593
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 REL DIST          P          V2          V3
    T          M2          M3
 0.25000    -0.447226   -23.596635    -0.083525
-1.608830   -0.216974   -79.096825
 0.50000    -0.447226   -23.596635    -0.083525
-1.608830   -0.310329   -52.723058
 0.75000    -0.447226   -23.596635    -0.083525
-1.608830   -0.403684   -26.349290
 1.00000    -0.447226   -23.596635    -0.083525
-1.608830   -0.497039    -0.024477

 ELEM       34 ========== LENGTH =
 4.493859

 LOAD     -P4 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.116206    9.295751    0.096872
 0.842610    0.369443    0.030021
 0.25000    -0.116206    9.295751    0.096872
 0.842610    0.260611   -10.413428
 0.50000    -0.116206    9.295751    0.096872
 0.842610    0.151778   -20.856878
 0.75000    -0.116206    9.295751    0.096872
 0.842610    0.042946   -31.300328
 1.00000    -0.116206    9.295751    0.096872
 0.842610   -0.065886   -41.743777

 LOAD     -P5 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.393402   -21.289139    -0.082846
 1.356778   -0.533934   -0.033111
 0.25000    0.393402   -21.289139    -0.082846
 1.356778   -0.440859   23.884490
 0.50000    0.393402   -21.289139    -0.082846
 1.356778   -0.347784   47.802090
 0.75000    0.393402   -21.289139    -0.082846
 1.356778   -0.254710   71.719690
 1.00000    0.393402   -21.289139    -0.082846
 1.356778   -0.161635   95.637291

 LOAD     -P6 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.336938   14.642475    -0.017409
-2.789336   0.208503    0.003898
 0.25000    -0.336938   14.642475    -0.017409
-2.789336   0.228061    -16.446408
 0.50000    -0.336938   14.642475    -0.017409
-2.789336   0.247620    -32.896714
 0.75000    -0.336938   14.642475    -0.017409
-2.789336   0.267178    -49.347020
 1.00000    -0.336938   14.642475    -0.017409
-2.789336   0.286736    -65.797326

 LOAD     -P7 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.059742    -2.649086    0.003383
 0.589949   -0.044013   -0.000809
 0.25000    0.059742    -2.649086    0.003383
 0.589949   -0.047813    2.975347
 0.50000    0.059742    -2.649086    0.003383
 0.589949   -0.051614    5.951502
 0.75000    0.059742    -2.649086    0.003383
 0.589949   -0.055414    8.927657
 1.00000    0.059742    -2.649086    0.003383
 0.589949   -0.059214    11.903813

 LOAD   -2N+1- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.453144   23.938226    0.079463
-1.946727   0.577946    0.033920
 0.25000    -0.453144   23.938226    0.079463
-1.946727   0.488672    26.859836
 0.50000    -0.453144   23.938226    0.079463
-1.946727   0.399398    53.753592
 0.75000    -0.453144   23.938226    0.079463
-1.946727   0.310124    80.647347
 1.00000    -0.453144   23.938226    0.079463
-1.946727   0.220850   107.541103
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F O R C E S

 LOAD   -2N+2- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.453144   -23.938226    -0.079463
 1.946727   -0.577946   -0.033920
 0.25000    0.453144   -23.938226    -0.079463
 1.946727   -0.488672   26.859836
 0.50000    0.453144   -23.938226    -0.079463
 1.946727   -0.399398   53.753592
 0.75000    0.453144   -23.938226    -0.079463
 1.946727   -0.310124   80.647347
 1.00000    0.453144   -23.938226    -0.079463
 1.946727   -0.220850  107.541103

 COMB   SETTLE ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.453144    23.938226    0.096872
 1.946727   0.577946    0.033920
 0.25000    0.453144    23.938226    0.096872
 1.946727   0.488672    26.859836
 0.50000    0.453144    23.938226    0.096872
 1.946727   0.399398    53.753592
 0.75000    0.453144    23.938226    0.096872
 1.946727   0.310124    80.647347
 1.00000    0.453144    23.938226    0.096872
 1.946727   0.286736   107.541103

 COMB   SETTLE ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.453144   -23.938226    -0.082846
-2.789336   -0.577946   -0.033920
 0.25000    -0.453144   -23.938226    -0.082846
-2.789336   -0.488672   -26.859836
 0.50000    -0.453144   -23.938226    -0.082846
-2.789336   -0.399398   -53.753592
 0.75000    -0.453144   -23.938226    -0.082846
-2.789336   -0.310124   -80.647347
 1.00000    -0.453144   -23.938226    -0.082846
-2.789336   -0.220850  -107.541103

 ELEM       35 ========== LENGTH =
 4.993904

 LOAD     -P4 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.028702    9.342485    0.070269
 1.204607   0.376986   -41.718000
 0.25000    0.028702    9.342485    0.070269
 1.204607   0.289257   -53.381869
 0.50000    0.028702    9.342485    0.070269
 1.204607   0.201527   -65.045738
 0.75000    0.028702    9.342485    0.070269
 1.204607   0.113798   -76.709608
 1.00000    0.028702    9.342485    0.070269
 1.204607   0.026068   -88.373477

 LOAD     -P5 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.204314   -21.213011    -0.051477
 1.289941   -0.732912   95.612845
 0.25000    0.204314   -21.213011    -0.051477
 1.289941   -0.668644   122.096782
 0.50000    0.204314   -21.213011    -0.051477
 1.289941   -0.604377   148.580719
 0.75000    0.204314   -21.213011    -0.051477
 1.289941   -0.540109   175.064656
 1.00000    0.204314   -21.213011    -0.051477
 1.289941   -0.475841   201.548593

 LOAD     -P6 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.280992   14.486855    -0.023245
-3.172359   0.449901    -65.799024
 0.25000    -0.280992   14.486855    -0.023245
-3.172359   0.478921    -83.885516
 0.50000    -0.280992   14.486855    -0.023245
-3.172359   0.507941   -101.972008
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 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    -0.280992   14.486855    -0.023245
-3.172359   0.536962   -120.058500
 1.00000    -0.280992   14.486855    -0.023245
-3.172359   0.565982   -138.144991

 LOAD     -P7 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.047975    -2.616329    0.004452
 0.677811   -0.093975   11.904179
 0.25000    0.047975    -2.616329    0.004452
 0.677811   -0.099534   15.170603
 0.50000    0.047975    -2.616329    0.004452
 0.677811   -0.105092   18.437028
 0.75000    0.047975    -2.616329    0.004452
 0.677811   -0.110651   21.703452
 1.00000    0.047975    -2.616329    0.004452
 0.677811   -0.116210   24.969876

 LOAD   -2N+1- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.252290   23.829340    0.047025
-1.967752   0.826887   -107.517024
 0.25000    -0.252290   23.829340    0.047025
-1.967752   0.768178   -137.267385
 0.50000    -0.252290   23.829340    0.047025
-1.967752   0.709469   -167.017746
 0.75000    -0.252290   23.829340    0.047025
-1.967752   0.650760   -196.768108
 1.00000    -0.252290   23.829340    0.047025
-1.967752   0.592050   -226.518469

 LOAD   -2N+2- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.252290   -23.829340    -0.047025
 1.967752   -0.826887   107.517024
 0.25000    0.252290   -23.829340    -0.047025
 1.967752   -0.768178   137.267385
 0.50000    0.252290   -23.829340    -0.047025
 1.967752   -0.709469   167.017746
 0.75000    0.252290   -23.829340    -0.047025
 1.967752   -0.650760   196.768108
 1.00000    0.252290   -23.829340    -0.047025
 1.967752   -0.592050   226.518469

 COMB   SETTLE ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.252290    23.829340    0.070269
 1.967752   0.826887    107.517024
 0.25000    0.252290    23.829340    0.070269
 1.967752   0.768178    137.267385
 0.50000    0.252290    23.829340    0.070269
 1.967752   0.709469    167.017746
 0.75000    0.252290    23.829340    0.070269
 1.967752   0.650760    196.768108
 1.00000    0.252290    23.829340    0.070269
 1.967752   0.592050    226.518469

 COMB   SETTLE ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.280992   -23.829340    -0.051477
-3.172359   -0.826887   -107.517024
 0.25000    -0.280992   -23.829340    -0.051477
-3.172359   -0.768178   -137.267385
 0.50000    -0.280992   -23.829340    -0.051477
-3.172359   -0.709469   -167.017746
 0.75000    -0.280992   -23.829340    -0.051477
-3.172359   -0.650760   -196.768108
 1.00000    -0.280992   -23.829340    -0.051477
-3.172359   -0.592050   -226.518469
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 ELEM       36 ========== LENGTH =
 4.994106

 LOAD     -P4 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.162337    9.399930    0.063655
 1.712321   0.445594   -88.346906
 0.25000    0.162337    9.399930    0.063655
 1.712321   0.366118   -100.082969
 0.50000    0.162337    9.399930    0.063655
 1.712321   0.286643   -111.819031
 0.75000    0.162337    9.399930    0.063655
 1.712321   0.207167   -123.555094
 1.00000    0.162337    9.399930    0.063655
 1.712321   0.127692   -135.291156

 LOAD     -P5 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.039035   -21.265088    -0.050132
 0.466103   -0.994426   201.524704
 0.25000    0.039035   -21.265088    -0.050132
 0.466103   -0.931834   228.074732
 0.50000    0.039035   -21.265088    -0.050132
 0.466103   -0.869243   254.624761
 0.75000    0.039035   -21.265088    -0.050132
 0.466103   -0.806652   281.174789
 1.00000    0.039035   -21.265088    -0.050132
 0.466103   -0.744060   307.724818

 LOAD     -P6 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.240477   14.477645    -0.016571
-2.797478   0.692961   -138.148434
 0.25000    -0.240477   14.477645    -0.016571
-2.797478   0.713651   -156.224159
 0.50000    -0.240477   14.477645    -0.016571
-2.797478   0.734340   -174.299885
 0.75000    -0.240477   14.477645    -0.016571
-2.797478   0.755030   -192.375610
 1.00000    -0.240477   14.477645    -0.016571
-2.797478   0.775720   -210.451336

 LOAD     -P7 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.039105    -2.612487    0.003048
 0.619054   -0.144129   24.970636
 0.25000    0.039105    -2.612487    0.003048
 0.619054   -0.147935   28.232396
 0.50000    0.039105    -2.612487    0.003048
 0.619054   -0.151740   31.494155
 0.75000    0.039105    -2.612487    0.003048
 0.619054   -0.155546   34.755915
 1.00000    0.039105    -2.612487    0.003048
 0.619054   -0.159352   38.017674

 LOAD   -2N+1- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.078140   23.877575    0.047084
-1.085157   1.138555   -226.495340
 0.25000    -0.078140   23.877575    0.047084
-1.085157   1.079769   -256.307128
 0.50000    -0.078140   23.877575    0.047084
-1.085157   1.020983   -286.118916
 0.75000    -0.078140   23.877575    0.047084
-1.085157   0.962198   -315.930704
 1.00000    -0.078140   23.877575    0.047084
-1.085157   0.903412   -345.742492

 LOAD   -2N+2- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.078140   -23.877575    -0.047084
 1.085157   -1.138555   226.495340
 0.25000    0.078140   -23.877575    -0.047084
 1.085157   -1.079769   256.307128
 0.50000    0.078140   -23.877575    -0.047084
 1.085157   -1.020983   286.118916
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F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    0.078140   -23.877575    -0.047084
 1.085157   -0.962198   315.930704
 1.00000    0.078140   -23.877575    -0.047084
 1.085157   -0.903412   345.742492

 COMB   SETTLE ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.162337    23.877575    0.063655
 1.712321   1.138555    226.495340
 0.25000    0.162337    23.877575    0.063655
 1.712321   1.079769    256.307128
 0.50000    0.162337    23.877575    0.063655
 1.712321   1.020983    286.118916
 0.75000    0.162337    23.877575    0.063655
 1.712321   0.962198    315.930704
 1.00000    0.162337    23.877575    0.063655
 1.712321   0.903412    345.742492

 COMB   SETTLE ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.240477   -23.877575    -0.050132
-2.797478   -1.138555  -226.495340
 0.25000    -0.240477   -23.877575    -0.050132
-2.797478   -1.079769  -256.307128
 0.50000    -0.240477   -23.877575    -0.050132
-2.797478   -1.020983  -286.118916
 0.75000    -0.240477   -23.877575    -0.050132
-2.797478   -0.962198  -315.930704
 1.00000    -0.240477   -23.877575    -0.050132
-2.797478   -0.903412  -345.742492

 ELEM       37 ========== LENGTH =
 4.994315

 LOAD     -P4 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.297398    9.401601    0.066948
 2.206751   0.536062   -135.263511
 0.25000    0.297398    9.401601    0.066948
 2.206751   0.452473   -147.002150
 0.50000    0.297398    9.401601    0.066948
 2.206751   0.368883   -158.740790
 0.75000    0.297398    9.401601    0.066948
 2.206751   0.285294   -170.479429
 1.00000    0.297398    9.401601    0.066948
 2.206751   0.201705   -182.218068

 LOAD     -P5 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.127899   -21.235647    -0.058105
-0.512201   -1.229962   307.699315
 0.25000    -0.127899   -21.235647    -0.058105
-0.512201   -1.157414   334.213693
 0.50000    -0.127899   -21.235647    -0.058105
-0.512201   -1.084866   360.728071
 0.75000    -0.127899   -21.235647    -0.058105
-0.512201   -1.012318   387.242449
 1.00000    -0.127899   -21.235647    -0.058105
-0.512201   -0.939770   413.756827

 LOAD     -P6 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.199716   14.438653    -0.010666
-2.211512   0.876241    -210.454144
 0.25000    -0.199716   14.438653    -0.010666
-2.211512   0.889559    -228.481939
 0.50000    -0.199716   14.438653    -0.010666
-2.211512   0.902877    -246.509735
 0.75000    -0.199716   14.438653    -0.010666
-2.211512   0.916195    -264.537531
 1.00000    -0.199716   14.438653    -0.010666
-2.211512   0.929512    -282.565327
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 LOAD     -P7 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.030217    -2.604607    0.001823
 0.516961   -0.182340   38.018340
 0.25000    0.030217    -2.604607    0.001823
 0.516961   -0.184617   41.270397
 0.50000    0.030217    -2.604607    0.001823
 0.516961   -0.186894   44.522454
 0.75000    0.030217    -2.604607    0.001823
 0.516961   -0.189170   47.774511
 1.00000    0.030217    -2.604607    0.001823
 0.516961   -0.191447   51.026568

 LOAD   -2N+1- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.097682    23.840254    0.056281
-0.004760   1.412303   -345.717655
 0.25000    0.097682    23.840254    0.056281
-0.004760   1.342031   -375.484090
 0.50000    0.097682    23.840254    0.056281
-0.004760   1.271760   -405.250525
 0.75000    0.097682    23.840254    0.056281
-0.004760   1.201489   -435.016960
 1.00000    0.097682    23.840254    0.056281
-0.004760   1.131217   -464.783395

 LOAD   -2N+2- ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.097682   -23.840254    -0.056281
 0.004760   -1.412303   345.717655
 0.25000    -0.097682   -23.840254    -0.056281
 0.004760   -1.342031   375.484090
 0.50000    -0.097682   -23.840254    -0.056281
 0.004760   -1.271760   405.250525
 0.75000    -0.097682   -23.840254    -0.056281
 0.004760   -1.201489   435.016960
 1.00000    -0.097682   -23.840254    -0.056281
 0.004760   -1.131217   464.783395

 COMB   SETTLE ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.297398    23.840254    0.066948
 2.206751   1.412303    345.717655
 0.25000    0.297398    23.840254    0.066948
 2.206751   1.342031    375.484090
 0.50000    0.297398    23.840254    0.066948
 2.206751   1.271760    405.250525
 0.75000    0.297398    23.840254    0.066948
 2.206751   1.201489    435.016960
 1.00000    0.297398    23.840254    0.066948
 2.206751   1.131217    464.783395

 COMB   SETTLE ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.199716   -23.840254    -0.058105
-2.211512   -1.412303  -345.717655
 0.25000    -0.199716   -23.840254    -0.058105
-2.211512   -1.342031  -375.484090
 0.50000    -0.199716   -23.840254    -0.058105
-2.211512   -1.271760  -405.250525
 0.75000    -0.199716   -23.840254    -0.058105
-2.211512   -1.201489  -435.016960
 1.00000    -0.199716   -23.840254    -0.058105
-2.211512   -1.131217  -464.783395

 ELEM       38 ========== LENGTH =
 4.993674

 LOAD     -P4 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.424150    9.392012    0.073579
 2.755825   0.592675   -182.189923
 0.25000    0.424150    9.392012    0.073579
 2.755825   0.500818   -193.915086
 0.50000    0.424150    9.392012    0.073579
 2.755825   0.408961   -205.640249
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 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    0.424150    9.392012    0.073579
 2.755825   0.317104   -217.365411
 1.00000    0.424150    9.392012    0.073579
 2.755825   0.225247   -229.090574

 LOAD     -P5 ----------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    -0.274797   -21.222598    -0.067198
-1.785645   -1.383283   413.729465
 0.25000    -0.274797   -21.222598    -0.067198
```

-1.785645 -1.299392 440.224151
0.50000 -0.274797 -21.222598 -0.067198
-1.785645 -1.215500 466.718837
0.75000 -0.274797 -21.222598 -0.067198
-1.785645 -1.131608 493.213523
1.00000 -0.274797 -21.222598 -0.067198
-1.785645 -1.047716 519.708209

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.173317 14.435791 -0.007823
-1.322673 0.999385 -282.566444
0.25000 -0.173317 14.435791 -0.007823
-1.322673 1.009151 -300.588355
0.50000 -0.173317 14.435791 -0.007823
-1.322673 1.018917 -318.610265
0.75000 -0.173317 14.435791 -0.007823
-1.322673 1.028683 -336.632176
1.00000 -0.173317 14.435791 -0.007823
-1.322673 1.038450 -354.654086

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.023964 -2.605206 0.001443
0.352493 -0.208777 51.026902
0.25000 0.023964 -2.605206 0.001443
0.352493 -0.210578 54.279289
0.50000 0.023964 -2.605206 0.001443
0.352493 -0.212379 57.531677
0.75000 0.023964 -2.605206 0.001443
0.352493 -0.214180 60.784064
1.00000 0.023964 -2.605206 0.001443
0.352493 -0.215981 64.036452

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.250832 23.827803 0.065756
1.433152 1.592060 -464.756367
0.25000 0.250832 23.827803 0.065756
1.433152 1.509969 -494.503440
0.50000 0.250832 23.827803 0.065756
1.433152 1.427879 -524.250514
0.75000 0.250832 23.827803 0.065756
1.433152 1.345788 -553.997587
1.00000 0.250832 23.827803 0.065756
1.433152 1.263697 -583.744661

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.250832 -23.827803 -0.065756
-1.433152 -1.592060 464.756367
0.25000 -0.250832 -23.827803 -0.065756
-1.433152 -1.509969 494.503440
0.50000 -0.250832 -23.827803 -0.065756
-1.433152 -1.427879 524.250514
0.75000 -0.250832 -23.827803 -0.065756
-1.433152 -1.345788 553.997587
1.00000 -0.250832 -23.827803 -0.065756
-1.433152 -1.263697 583.744661

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.424150 23.827803 0.073579
2.755825 1.592060 464.756367
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REL_DIST P V2 V3
T M2 M3
0.25000 0.424150 23.827803 0.073579
2.755825 1.509969 494.503440
0.50000 0.424150 23.827803 0.073579
2.755825 1.427879 524.250514
0.75000 0.424150 23.827803 0.073579
2.755825 1.345788 553.997587
1.00000 0.424150 23.827803 0.073579
2.755825 1.263697 583.744661

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.274797 -23.827803 -0.067198
-1.785645 -1.592060 -464.756367
0.25000 -0.274797 -23.827803 -0.067198
-1.785645 -1.509969 -494.503440
0.50000 -0.274797 -23.827803 -0.067198
-1.785645 -1.427879 -524.250514
0.75000 -0.274797 -23.827803 -0.067198
-1.785645 -1.345788 -553.997587
1.00000 -0.274797 -23.827803 -0.067198
-1.785645 -1.263697 -583.744661

ELEM 39 ========== LENGTH =
4.993996

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.549030 9.354934 0.077751
3.390179 0.595211 -229.060916
0.25000 0.549030 9.354934 0.077751
3.390179 0.498139 -240.740541
0.50000 0.549030 9.354934 0.077751
3.390179 0.401068 -252.420166
0.75000 0.549030 9.354934 0.077751
3.390179 0.303996 -264.099791
1.00000 0.549030 9.354934 0.077751
3.390179 0.206925 -275.779416

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.417089 -21.163610 -0.074798
-3.316936 -1.440223 519.678131
0.25000 -0.417089 -21.163610 -0.074798
-3.316936 -1.346837 546.100876
0.50000 -0.417089 -21.163610 -0.074798
-3.316936 -1.253451 572.523620
0.75000 -0.417089 -21.163610 -0.074798
-3.316936 -1.160066 598.946365
1.00000 -0.417089 -21.163610 -0.074798
-3.316936 -1.066680 625.369109

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.150327 14.413621 -0.004518
-0.210539 1.071361 -354.653724
0.25000 -0.150327 14.413621 -0.004518
-0.210539 1.077003 -372.649114
0.50000 -0.150327 14.413621 -0.004518
-0.210539 1.082644 -390.644504
0.75000 -0.150327 14.413621 -0.004518
-0.210539 1.088285 -408.639894
1.00000 -0.150327 14.413621 -0.004518
-0.210539 1.093926 -426.635284

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.018386 -2.604945 0.001566
0.137297 -0.226350 64.036509
0.25000 0.018386 -2.604945 0.001566
0.137297 -0.228305 67.288779
0.50000 0.018386 -2.604945 0.001566
0.137297 -0.230260 70.541050
0.75000 0.018386 -2.604945 0.001566
0.137297 -0.232216 73.793320
1.00000 0.018386 -2.604945 0.001566
0.137297 -0.234171 77.045591
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LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.398703 23.768554 0.073232
3.179640 1.666572 -583.714640
0.25000 0.398703 23.768554 0.073232
3.179640 1.575142 -613.389655
0.50000 0.398703 23.768554 0.073232
3.179640 1.483712 -643.064670
0.75000 0.398703 23.768554 0.073232
3.179640 1.392281 -672.739685
1.00000 0.398703 23.768554 0.073232
3.179640 1.300851 -702.414700

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.398703 -23.768554 -0.073232
-3.179640 -1.666572 583.714640
0.25000 -0.398703 -23.768554 -0.073232
-3.179640 -1.575142 613.389655
0.50000 -0.398703 -23.768554 -0.073232
-3.179640 -1.483712 643.064670
0.75000 -0.398703 -23.768554 -0.073232
-3.179640 -1.392281 672.739685
1.00000 -0.398703 -23.768554 -0.073232
-3.179640 -1.300851 702.414700

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.549030 23.768554 0.077751
3.390179 1.666572 583.714640
0.25000 0.549030 23.768554 0.077751
3.390179 1.575142 613.389655
0.50000 0.549030 23.768554 0.077751
3.390179 1.483712 643.064670
0.75000 0.549030 23.768554 0.077751
3.390179 1.392281 672.739685
1.00000 0.549030 23.768554 0.077751
3.390179 1.300851 702.414700

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.417089 -23.768554 -0.074798
-3.316936 -1.666572 -583.714640
0.25000 -0.417089 -23.768554 -0.074798
-3.316936 -1.575142 -613.389655
0.50000 -0.417089 -23.768554 -0.074798
-3.316936 -1.483712 -643.064670
0.75000 -0.417089 -23.768554 -0.074798
-3.316936 -1.392281 -672.739685
1.00000 -0.417089 -23.768554 -0.074798
-3.316936 -1.300851 -702.414700

ELEM 40 ========== LENGTH =
4.994460

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.664187 9.251494 0.089552
3.882312 0.554971 -275.749733
0.25000 0.664187 9.251494 0.089552
3.882312 0.443155 -287.301287
0.50000 0.664187 9.251494 0.089552
3.882312 0.331339 -298.852841
0.75000 0.664187 9.251494 0.089552
3.882312 0.219523 -310.404395
1.00000 0.664187 9.251494 0.089552
3.882312 0.107707 -321.955949

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.536737 -20.971594 -0.096667
-4.598272 -1.408986 625.337724
0.25000 -0.536737 -20.971594 -0.096667
-4.598272 -1.288286 651.523171
0.50000 -0.536737 -20.971594 -0.096667
-4.598272 -1.167587 677.708618
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REL_DIST P V2 V3
T M2 M3
0.75000 -0.536737 -20.971594 -0.096667
-4.598272 -1.046887 703.894065
1.00000 -0.536737 -20.971594 -0.096667
-4.598272 -0.926187 730.079512

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.143253 14.316533 0.005982
0.795781 1.091757 -426.633235
0.25000 -0.143253 14.316533 0.005982
0.795781 1.084287 -444.509073
0.50000 -0.143253 14.316533 0.005982
0.795781 1.076817 -462.384911
0.75000 -0.143253 14.316533 0.005982
0.795781 1.069347 -480.260748
1.00000 -0.143253 14.316533 0.005982
0.795781 1.061877 -498.136586

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.015804 -2.596433 0.001132
-0.079822 -0.237741 77.045244
0.25000 0.015804 -2.596433 0.001132
-0.079822 -0.239155 80.287189
0.50000 0.015804 -2.596433 0.001132
-0.079822 -0.240569 83.529134
0.75000 0.015804 -2.596433 0.001132
-0.079822 -0.241983 86.771078
1.00000 0.015804 -2.596433 0.001132
-0.079822 -0.243397 90.013023

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.520933 23.568027 0.095534
4.678094 1.646727 -702.382969
0.25000 0.520933 23.568027 0.095534
4.678094 1.527441 -731.810360
0.50000 0.520933 23.568027 0.095534
4.678094 1.408156 -761.237752
0.75000 0.520933 23.568027 0.095534
4.678094 1.288870 -790.665144
1.00000 0.520933 23.568027 0.095534
4.678094 1.169584 -820.092535

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.520933 -23.568027 -0.095534
-4.678094 -1.646727 702.382969
0.25000 -0.520933 -23.568027 -0.095534
-4.678094 -1.527441 731.810360
0.50000 -0.520933 -23.568027 -0.095534
-4.678094 -1.408156 761.237752
0.75000 -0.520933 -23.568027 -0.095534
-4.678094 -1.288870 790.665144
1.00000 -0.520933 -23.568027 -0.095534
-4.678094 -1.169584 820.092535

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.664187 23.568027 0.095534
4.678094 1.646727 702.382969
0.25000 0.664187 23.568027 0.095534
4.678094 1.527441 731.810360
0.50000 0.664187 23.568027 0.095534
4.678094 1.408156 761.237752
0.75000 0.664187 23.568027 0.095534
4.678094 1.288870 790.665144
1.00000 0.664187 23.568027 0.095534
4.678094 1.169584 820.092535

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.536737 -23.568027 -0.096667
-4.678094 -1.646727 -702.382969
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REL_DIST P V2 V3
T M2 M3
0.25000 -0.536737 -23.568027 -0.096667
-4.678094 -1.527441 -731.810360
0.50000 -0.536737 -23.568027 -0.096667
-4.678094 -1.408156 -761.237752
0.75000 -0.536737 -23.568027 -0.096667
-4.678094 -1.288870 -790.665144
1.00000 -0.536737 -23.568027 -0.096667
-4.678094 -1.169584 -820.092535

ELEM 41 ========== LENGTH =
4.993895

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.774234 9.088591 0.112625
4.310668 0.426863 -321.925616
0.25000 0.774234 9.088591 0.112625
4.310668 0.286254 -333.272482
0.50000 0.774234 9.088591 0.112625
4.310668 0.145645 -344.619349
0.75000 0.774234 9.088591 0.112625
4.310668 0.005036 -355.966216
1.00000 0.774234 9.088591 0.112625
4.310668 -0.135573 -367.313083

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.644461 -20.662387 -0.140439
-5.805478 -1.199635 730.046788
0.25000 -0.644461 -20.662387 -0.140439
-5.805478 -1.024300 755.843235
0.50000 -0.644461 -20.662387 -0.140439
-5.805478 -0.848966 781.639681
0.75000 -0.644461 -20.662387 -0.140439
-5.805478 -0.673632 807.436127
1.00000 -0.644461 -20.662387 -0.140439
-5.805478 -0.498297 833.232573

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.144775 14.161020 0.028679
1.837517 1.009725 -498.133485
0.25000 -0.144775 14.161020 0.028679
1.837517 0.973920 -515.813146
0.50000 -0.144775 14.161020 0.028679
1.837517 0.938115 -533.492806
0.75000 -0.144775 14.161020 0.028679
1.837517 0.902310 -551.172467
1.00000 -0.144775 14.161020 0.028679
1.837517 0.866504 -568.852127

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.015003 -2.587224 -0.000865
-0.342706 -0.236953 90.012312
0.25000 0.015003 -2.587224 -0.000865
-0.342706 -0.235873 93.242394
0.50000 0.015003 -2.587224 -0.000865
-0.342706 -0.234794 96.472475
0.75000 0.015003 -2.587224 -0.000865
-0.342706 -0.233714 99.702556
1.00000 0.015003 -2.587224 -0.000865
-0.342706 -0.232635 102.932637

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.629459 23.249611 0.141304
6.148184 1.436588 -820.059101
0.25000 0.629459 23.249611 0.141304
6.148184 1.260174 -849.085628
0.50000 0.629459 23.249611 0.141304
6.148184 1.083760 -878.112155
0.75000 0.629459 23.249611 0.141304
6.148184 0.907346 -907.138683
1.00000 0.629459 23.249611 0.141304
6.148184 0.730932 -936.165210
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LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.629459 -23.249611 -0.141304
-6.148184 -1.436588 820.059101
0.25000 -0.629459 -23.249611 -0.141304
-6.148184 -1.260174 849.085628
0.50000 -0.629459 -23.249611 -0.141304
-6.148184 -1.083760 878.112155
0.75000 -0.629459 -23.249611 -0.141304
-6.148184 -0.907346 907.138683
1.00000 -0.629459 -23.249611 -0.141304
-6.148184 -0.730932 936.165210

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.774234 23.249611 0.141304
6.148184 1.436588 820.059101
0.25000 0.774234 23.249611 0.141304
6.148184 1.260174 849.085628
0.50000 0.774234 23.249611 0.141304
6.148184 1.083760 878.112155
0.75000 0.774234 23.249611 0.141304
6.148184 0.907346 907.138683
1.00000 0.774234 23.249611 0.141304
6.148184 0.866504 936.165210

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.644461 -23.249611 -0.141304
-6.148184 -1.436588 -820.059101
0.25000 -0.644461 -23.249611 -0.141304
-6.148184 -1.260174 -849.085628
0.50000 -0.644461 -23.249611 -0.141304
-6.148184 -1.083760 -878.112155
0.75000 -0.644461 -23.249611 -0.141304
-6.148184 -0.907346 -907.138683
1.00000 -0.644461 -23.249611 -0.141304
-6.148184 -0.730932 -936.165210

ELEM 42 ========== LENGTH =
4.993439

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.870077 8.825573 0.136616
4.481837 0.147173 -367.283667
0.25000 0.870077 8.825573 0.136616
4.481837 -0.023373 -378.301157
0.50000 0.870077 8.825573 0.136616
4.481837 -0.193919 -389.318646
0.75000 0.870077 8.825573 0.136616
4.481837 -0.364465 -400.336135
1.00000 0.870077 8.825573 0.136616
4.481837 -0.535011 -411.353624

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.719804 -20.126209 -0.191024
-6.432450 -0.690282 833.201184
0.25000 -0.719804 -20.126209 -0.191024
-6.432450 -0.451816 858.325932
0.50000 -0.719804 -20.126209 -0.191024
-6.432450 -0.213349 883.450679
0.75000 -0.719804 -20.126209 -0.191024
-6.432450 0.025117 908.575427
1.00000 -0.719804 -20.126209 -0.191024
-6.432450 0.263584 933.700175

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.168996 13.871362 0.058627
2.567692 0.757311 -568.849098
0.25000 -0.168996 13.871362 0.058627
2.567692 0.684123 -586.165548
0.50000 -0.168996 13.871362 0.058627
2.567692 0.610935 -603.481997
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REL_DIST P V2 V3
T M2 M3
0.75000 -0.168996 13.871362 0.058627
2.567692 0.537747 -620.798446
1.00000 -0.168996 13.871362 0.058627
2.567692 0.464559 -638.114895

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.018723 -2.570726 -0.004220
-0.617079 -0.214202 102.931582
0.25000 0.018723 -2.570726 -0.004220
-0.617079 -0.208934 106.140773
0.50000 0.018723 -2.570726 -0.004220
-0.617079 -0.203667 109.349963
0.75000 0.018723 -2.570726 -0.004220
-0.617079 -0.198399 112.559154
1.00000 0.018723 -2.570726 -0.004220
-0.617079 -0.193132 115.768345

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.701081 22.696935 0.195243
7.049528 0.904484 -936.132766
0.25000 0.701081 22.696935 0.195243
7.049528 0.660750 -964.466704

```
 0.50000      0.701081     22.696935      0.195243
7.049528      0.417016   -992.800643
 0.75000      0.701081     22.696935      0.195243
7.049528      0.173282    -1021.135
 1.00000      0.701081     22.696935      0.195243
7.049528     -0.070452    -1049.469

 LOAD   -2N+2- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.701081    -22.696935     -0.195243
-7.049528    -0.904484    936.132766
 0.25000     -0.701081    -22.696935     -0.195243
-7.049528    -0.660750    964.466704
 0.50000     -0.701081    -22.696935     -0.195243
-7.049528    -0.417016    992.800643
 0.75000     -0.701081    -22.696935     -0.195243
-7.049528    -0.173282    1021.135
 1.00000     -0.701081    -22.696935     -0.195243
-7.049528     0.070452    1049.469

 COMB   SETTLE -------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.870077     22.696935      0.195243
7.049528      0.904484    936.132766
 0.25000      0.870077     22.696935      0.195243
7.049528      0.684123    964.466704
 0.50000      0.870077     22.696935      0.195243
7.049528      0.610935    992.800643
 0.75000      0.870077     22.696935      0.195243
7.049528      0.537747    1021.135
 1.00000      0.870077     22.696935      0.195243
7.049528      0.464559    1049.469

 COMB   SETTLE -------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.719804    -22.696935     -0.195243
-7.049528    -0.904484   -936.132766
 0.25000     -0.719804    -22.696935     -0.195243
-7.049528    -0.660750    -964.466704
 0.50000     -0.719804    -22.696935     -0.195243
-7.049528    -0.417016    -992.800643
 0.75000     -0.719804    -22.696935     -0.195243
-7.049528    -0.364465    -1021.135
 1.00000     -0.719804    -22.696935     -0.195243
-7.049528    -0.535011    -1049.469
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F O R C E S

 ELEM        43 ================== LENGTH =
4.994012

 LOAD      -P4 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.956627     8.459630      0.150952
4.271224     -0.289470   -411.327956
 0.25000      0.956627     8.459630      0.150952
4.271224     -0.477934   -421.889829
 0.50000      0.956627     8.459630      0.150952
4.271224     -0.666398   -432.451703
 0.75000      0.956627     8.459630      0.150952
4.271224     -0.854862   -443.013576
 1.00000      0.956627     8.459630      0.150952
4.271224     -1.043326   -453.575450

 LOAD      -P5 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.774443    -19.348033     -0.226650
-6.158006    0.156351    933.675752
 0.25000     -0.774443    -19.348033     -0.226650
-6.158006    0.439325    957.831828
 0.50000     -0.774443    -19.348033     -0.226650
-6.158006    0.722298    981.987905
 0.75000     -0.774443    -19.348033     -0.226650
-6.158006    1.005271    1006.144
 1.00000     -0.774443    -19.348033     -0.226650
-6.158006    1.288244    1030.300

 LOAD      -P6 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.207869     13.442637      0.083686
2.786542     0.294345   -638.114982
 0.25000     -0.207869     13.442637      0.083686
2.786542     0.189863   -654.898153
 0.50000     -0.207869     13.442637      0.083686
2.786542     0.085380   -671.681324
 0.75000     -0.207869     13.442637      0.083686
2.786542    -0.019102   -688.464496
 1.00000     -0.207869     13.442637      0.083686
2.786542    -0.123584   -705.247667

 LOAD      -P7 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.025685    -2.554234     -0.007988
-0.899760    -0.161226    115.767186
 0.25000      0.025685    -2.554234     -0.007988
-0.899760    -0.151253    118.956154
 0.50000      0.025685    -2.554234     -0.007988
-0.899760    -0.141280    122.145122
 0.75000      0.025685    -2.554234     -0.007988
-0.899760    -0.131306    125.334090
 1.00000      0.025685    -2.554234     -0.007988
-0.899760    -0.121333    128.523058

 LOAD   -2N+1- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.748758    21.902267      0.234638
7.057766     0.004875    -1049.443
 0.25000      0.748758    21.902267      0.234638
7.057766    -0.288072    -1076.788
 0.50000      0.748758    21.902267      0.234638
7.057766    -0.581018    -1104.133
 0.75000      0.748758    21.902267      0.234638
7.057766    -0.873964    -1131.478
 1.00000      0.748758    21.902267      0.234638
7.057766    -1.166911    -1158.823

 LOAD   -2N+2- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.748758    -21.902267     -0.234638
-7.057766    -0.004875    1049.443
 0.25000     -0.748758    -21.902267     -0.234638
-7.057766    0.288072     1076.788
 0.50000     -0.748758    -21.902267     -0.234638
-7.057766    0.581018     1104.133
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 REL DIST            P            V2            V3
        T           M2           M3
 0.75000     -0.748758    -21.902267     -0.234638
-7.057766    0.873964     1131.478
 1.00000     -0.748758    -21.902267     -0.234638
-7.057766    1.166911     1158.823

 COMB   SETTLE -------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.956627     21.902267      0.234638
7.057766     0.294345     1049.443
 0.25000      0.956627     21.902267      0.234638
7.057766     0.439325     1076.788
 0.50000      0.956627     21.902267      0.234638
7.057766     0.722298     1104.133
 0.75000      0.956627     21.902267      0.234638
7.057766     1.005271     1131.478
 1.00000      0.956627     21.902267      0.234638
7.057766     1.288244     1158.823

 COMB   SETTLE -------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.774443    -21.902267     -0.234638
-7.057766    -0.289470    -1049.443
 0.25000     -0.774443    -21.902267     -0.234638
-7.057766    -0.477934    -1076.788
 0.50000     -0.774443    -21.902267     -0.234638
-7.057766    -0.666398    -1104.133
 0.75000     -0.774443    -21.902267     -0.234638
-7.057766    -0.873964    -1131.478
 1.00000     -0.774443    -21.902267     -0.234638
-7.057766    -1.166911    -1158.823

 ELEM        44 ================== LENGTH =
4.994668

 LOAD      -P4 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      1.030063     7.890518      0.154286
3.545332     -0.833354   -453.552525
 0.25000      1.030063     7.890518      0.154286
3.545332     -1.026006   -463.405154
 0.50000      1.030063     7.890518      0.154286
3.545332     -1.218658   -473.257783
 0.75000      1.030063     7.890518      0.154286
3.545332     -1.411309   -483.110412
 1.00000      1.030063     7.890518      0.154286
3.545332     -1.603961   -492.963041

 LOAD      -P5 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.798795    -18.122222     -0.235213
-4.773663    1.262146     1030.282
 0.25000     -0.798795    -18.122222     -0.235213
-4.773663    1.555849     1052.910
 0.50000     -0.798795    -18.122222     -0.235213
-4.773663    1.849552     1075.539
 0.75000     -0.798795    -18.122222     -0.235213
-4.773663    2.143255     1098.168
 1.00000     -0.798795    -18.122222     -0.235213
-4.773663    2.436959     1120.796

 LOAD      -P6 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.268446    12.742731      0.091928
2.389916    -0.352377   -705.250799
 0.25000     -0.268446    12.742731      0.091928
2.389916    -0.467165   -721.162226
 0.50000     -0.268446    12.742731      0.091928
2.389916    -0.581953   -737.073653
 0.75000     -0.268446    12.742731      0.091928
2.389916    -0.696741   -752.985080
 1.00000     -0.268446    12.742731      0.091928
2.389916    -0.811529   -768.896507
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 LOAD      -P7 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.037178    -2.511027     -0.011001
-1.161586    -0.076414    128.521459
 0.25000      0.037178    -2.511027     -0.011001
-1.161586    -0.062678    131.656895
 0.50000      0.037178    -2.511027     -0.011001
-1.161586    -0.048941    134.792332
 0.75000      0.037178    -2.511027     -0.011001
-1.161586    -0.035205    137.927768
 1.00000      0.037178    -2.511027     -0.011001
-1.161586    -0.021468    141.063205

 LOAD   -2N+1- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.761617    20.633249      0.246214
5.935248     -1.185732    -1158.803
 0.25000      0.761617    20.633249      0.246214
5.935248     -1.493171    -1184.567
 0.50000      0.761617    20.633249      0.246214
5.935248     -1.800611    -1210.331
 0.75000      0.761617    20.633249      0.246214
5.935248     -2.108051    -1236.095
 1.00000      0.761617    20.633249      0.246214
5.935248     -2.415490    -1261.860

 LOAD   -2N+2- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.761617    -20.633249     -0.246214
-5.935248    1.185732     1158.803
 0.25000     -0.761617    -20.633249     -0.246214
-5.935248    1.493171     1184.567
 0.50000     -0.761617    -20.633249     -0.246214
-5.935248    1.800611     1210.331
 0.75000     -0.761617    -20.633249     -0.246214
-5.935248    2.108051     1236.095
 1.00000     -0.761617    -20.633249     -0.246214
-5.935248    2.415490     1261.860

 COMB   SETTLE -------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      1.030063     20.633249      0.246214
5.935248     1.262146     1158.803
 0.25000      1.030063     20.633249      0.246214
5.935248     1.555849     1184.567
 0.50000      1.030063     20.633249      0.246214
5.935248     1.849552     1210.331
 0.75000      1.030063     20.633249      0.246214
5.935248     2.143255     1236.095
 1.00000      1.030063     20.633249      0.246214
5.935248     2.436959     1261.860

 COMB   SETTLE -------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.798795    -20.633249     -0.246214
-5.935248    -1.185732    -1158.803
 0.25000     -0.798795    -20.633249     -0.246214
-5.935248    -1.493171    -1184.567
 0.50000     -0.798795    -20.633249     -0.246214
-5.935248    -1.800611    -1210.331
 0.75000     -0.798795    -20.633249     -0.246214
-5.935248    -2.108051    -1236.095
 1.00000     -0.798795    -20.633249     -0.246214
-5.935248    -2.415490    -1261.860

 ELEM        45 ================== LENGTH =
4.993331

 LOAD      -P4 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      1.542989    -10.364040     -0.080111
0.747995    -1.380073   -492.953647
 0.25000      1.542989    -10.364040     -0.080111
0.747995    -1.280068   -480.015877
 0.50000      1.542989    -10.364040     -0.080111
0.747995    -1.180063   -467.078107
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 REL DIST            P            V2            V3
        T           M2           M3
 0.75000      1.542989    -10.364040     -0.080111
0.747995    -1.080057   -454.140336
 1.00000      1.542989    -10.364040     -0.080111
0.747995    -0.980052   -441.202566

 LOAD      -P5 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -2.053057     32.265610      0.233506
0.927597     2.390963     1120.806
 0.25000     -2.053057     32.265610      0.233506
0.927597     2.099469     1080.528
 0.50000     -2.053057     32.265610      0.233506
0.927597     1.807976     1040.249
 0.75000     -2.053057     32.265610      0.233506
0.927597     1.516482    999.971111
 1.00000     -2.053057     32.265610      0.233506
0.927597     1.224988    959.692893

 LOAD      -P6 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.822489    -33.633256     -0.158990
-0.401345    -1.041488   -768.914144
 0.25000      0.822489    -33.633256     -0.158990
-0.401345    -0.843017   -726.928649
 0.50000      0.822489    -33.633256     -0.158990
-0.401345    -0.644545   -684.943154
 0.75000      0.822489    -33.633256     -0.158990
-0.401345    -0.446073   -642.957660
 1.00000      0.822489    -33.633256     -0.158990
-0.401345    -0.247601   -600.972165

 LOAD      -P7 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.312421    11.731686      0.005594
-1.274246    0.030599     141.062027
 0.25000     -0.312421    11.731686      0.005594
-1.274246    0.023615     126.416980
 0.50000     -0.312421    11.731686      0.005594
-1.274246    0.016632     111.771932
 0.75000     -0.312421    11.731686      0.005594
-1.274246    0.009648     97.126885
 1.00000     -0.312421    11.731686      0.005594
-1.274246    0.002665     82.481838

 LOAD   -2N+1- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      2.365478    -43.997296     -0.239101
0.346650     -2.421562    -1261.868
 0.25000      2.365478    -43.997296     -0.239101
0.346650     -2.123085    -1206.945
 0.50000      2.365478    -43.997296     -0.239101
0.346650     -1.824607    -1152.021
 0.75000      2.365478    -43.997296     -0.239101
0.346650     -1.526130    -1097.098
 1.00000      2.365478    -43.997296     -0.239101
0.346650     -1.227653    -1042.175

 LOAD   -2N+2- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -2.365478     43.997296      0.239101
-0.346650    2.421562     1261.868
 0.25000     -2.365478     43.997296      0.239101
-0.346650    2.123085     1206.945
 0.50000     -2.365478     43.997296      0.239101
-0.346650    1.824607     1152.021
 0.75000     -2.365478     43.997296      0.239101
-0.346650    1.526130     1097.098
 1.00000     -2.365478     43.997296      0.239101
-0.346650    1.227653     1042.175

 COMB   SETTLE -------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      2.365478    -43.997296     -0.239101
0.927597     2.421562     1261.868
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F O R C E S

 REL DIST            P            V2            V3
        T           M2           M3
 0.25000      2.365478    -43.997296     -0.239101
0.927597     2.123085     1206.945
 0.50000      2.365478    -43.997296     -0.239101
0.927597     1.824607     1152.021
 0.75000      2.365478    -43.997296     -0.239101
0.927597     1.526130     1097.098
 1.00000      2.365478    -43.997296     -0.239101
0.927597     1.227653     1042.175

 COMB   SETTLE -------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -2.365478    -43.997296     -0.239101
-1.274246    -2.421562    -1261.868
 0.25000     -2.365478    -43.997296     -0.239101
-1.274246    -2.123085    -1206.945
 0.50000     -2.365478    -43.997296     -0.239101
-1.274246    -1.824607    -1152.021
 0.75000     -2.365478    -43.997296     -0.239101
-1.274246    -1.526130    -1097.098
 1.00000     -2.365478    -43.997296     -0.239101
-1.274246    -1.227653    -1042.175

 ELEM        46 ================== LENGTH =
4.994116

 LOAD      -P4 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      1.597305    -10.959531     -0.073512
-0.198297    -0.840166   -441.195785
 0.25000      1.597305    -10.959531     -0.073512
-0.198297    -0.748384   -427.512492
 0.50000      1.597305    -10.959531     -0.073512
-0.198297    -0.656603   -413.829200
 0.75000      1.597305    -10.959531     -0.073512
-0.198297    -0.564821   -400.145908
 1.00000      1.597305    -10.959531     -0.073512
-0.198297    -0.473040   -386.462615

 LOAD      -P5 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -2.034907     33.507468      0.217765
2.778426     1.357400     959.707614
 0.25000     -2.034907     33.507468      0.217765
2.778426     1.085514     917.872569
 0.50000     -2.034907     33.507468      0.217765
2.778426     0.813629     876.037524
 0.75000     -2.034907     33.507468      0.217765
2.778426     0.541744     834.202479
 1.00000     -2.034907     33.507468      0.217765
2.778426     0.269858     792.367434

 LOAD      -P6 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      0.735489    -34.334774     -0.145260
-1.266628    -0.578737   -600.992389
 0.25000      0.735489    -34.334774     -0.145260
-1.266628    -0.397376   -558.124428
 0.50000      0.735489    -34.334774     -0.145260
-1.266628    -0.216015   -515.256467
 0.75000      0.735489    -34.334774     -0.145260
-1.266628    -0.034654   -472.388506
 1.00000      0.735489    -34.334774     -0.145260
-1.266628     0.146706   -429.520545

 LOAD      -P7 --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -0.297888    11.786838      0.001007
-1.313501    0.061503     82.480561
 0.25000     -0.297888    11.786838      0.001007
-1.313501    0.060246     67.764352
 0.50000     -0.297888    11.786838      0.001007
-1.313501    0.058989     53.048144
 0.75000     -0.297888    11.786838      0.001007
-1.313501    0.057732     38.331935
 1.00000     -0.297888    11.786838      0.001007
-1.313501    0.056475     23.615727
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 LOAD   -2N+1- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      2.332794    -45.294306     -0.218771
-1.464925    -1.418903    -1042.188
 0.25000      2.332794    -45.294306     -0.218771
-1.464925    -1.145760    -985.636921
 0.50000      2.332794    -45.294306     -0.218771
-1.464925    -0.872618    -929.085667
 0.75000      2.332794    -45.294306     -0.218771
-1.464925    -0.599476    -872.534414
 1.00000      2.332794    -45.294306     -0.218771
-1.464925    -0.326333    -815.983160

 LOAD   -2N+2- --------------------

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -2.332794     45.294306      0.218771
1.464925     1.418903     1042.188
 0.25000     -2.332794     45.294306      0.218771
1.464925     1.145760     985.636921
 0.50000     -2.332794     45.294306      0.218771
1.464925     0.872618     929.085667
 0.75000     -2.332794     45.294306      0.218771
1.464925     0.599476     872.534414
 1.00000     -2.332794     45.294306      0.218771
1.464925     0.326333     815.983160

 COMB   SETTLE -------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000      2.332794     45.294306      0.218771
2.778426     1.418903     1042.188
 0.25000      2.332794     45.294306      0.218771
2.778426     1.145760     985.636921
 0.50000      2.332794     45.294306      0.218771
2.778426     0.872618     929.085667
 0.75000      2.332794     45.294306      0.218771
2.778426     0.599476     872.534414
 1.00000      2.332794     45.294306      0.218771
2.778426     0.326333     815.983160

 COMB   SETTLE -------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000     -2.332794    -45.294306     -0.218771
-1.464925    -1.418903    -1042.188
 0.25000     -2.332794    -45.294306     -0.218771
-1.464925    -1.145760    -985.636921
 0.50000     -2.332794    -45.294306     -0.218771
-1.464925    -0.872618    -929.085667
 0.75000     -2.332794    -45.294306     -0.218771
-1.464925    -0.599476    -872.534414
```

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 1.00000     -2.332794    -45.294306     -0.218771
-1.464925    -0.473040   -815.983160

 ELEM        47 ========== LENGTH =
4.993891

 LOAD      -P4 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      1.632009    -11.391443     -0.056495
-0.606746    -0.381729   -386.459958
 0.25000      1.632009    -11.391443     -0.056495
-0.606746    -0.311197   -372.238051
 0.50000      1.632009    -11.391443     -0.056495
-0.606746    -0.240665   -358.016145
 0.75000      1.632009    -11.391443     -0.056495
-0.606746    -0.170133   -343.794238
 1.00000      1.632009    -11.391443     -0.056495
-0.606746    -0.099600   -329.572332

 LOAD      -P5 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.970868    34.381805      0.182439
3.588134     0.503031   792.390967
 0.25000     -1.970868    34.381805      0.182439
3.588134     0.275261   749.466220
 0.50000     -1.970868    34.381805      0.182439
3.588134     0.047490   706.541473
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F O R C E S

 REL DIST            P            V2            V3
    T            M2           M3
 0.75000     -1.970868    34.381805      0.182439
3.588134     -0.180280   663.616725
 1.00000     -1.970868    34.381805      0.182439
3.588134     -0.408051   620.691978

 LOAD      -P6 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      0.615771    -34.813804     -0.122181
-1.750455    -0.237106   -429.545488
 0.25000      0.615771    -34.813804     -0.122181
-1.750455    -0.084567   -386.081402
 0.50000      0.615771    -34.813804     -0.122181
-1.750455     0.067973   -342.617316
 0.75000      0.615771    -34.813804     -0.122181
-1.750455     0.220512   -299.153230
 1.00000      0.615771    -34.813804     -0.122181
-1.750455     0.373052   -255.689143

 LOAD      -P7 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -0.276912    11.823442     -0.003764
-1.230933     0.115804    23.614478
 0.25000     -0.276912    11.823442     -0.003764
-1.230933     0.120503     8.853233
 0.50000     -0.276912    11.823442     -0.003764
-1.230933     0.125202    -5.908012
 0.75000     -0.276912    11.823442     -0.003764
-1.230933     0.129901   -20.669257
 1.00000     -0.276912    11.823442     -0.003764
-1.230933     0.134600   -35.430502

 LOAD  -2N+1- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.247780   -46.205247     -0.178676
-2.357201    -0.618835   -816.005446
 0.25000      2.247780   -46.205247     -0.178676
-2.357201    -0.395763   -758.319453
 0.50000      2.247780   -46.205247     -0.178676
-2.357201    -0.172692   -700.633461
 0.75000      2.247780   -46.205247     -0.178676
-2.357201     0.050380   -642.947468
 1.00000      2.247780   -46.205247     -0.178676
-2.357201     0.273451   -585.261475

 LOAD  -2N+2- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.247780    46.205247      0.178676
2.357201     0.618835   816.005446
 0.25000     -2.247780    46.205247      0.178676
2.357201     0.395763   758.319453
 0.50000     -2.247780    46.205247      0.178676
2.357201     0.172692   700.633461
 0.75000     -2.247780    46.205247      0.178676
2.357201    -0.050380   642.947468
 1.00000     -2.247780    46.205247      0.178676
2.357201    -0.273451   585.261475

 COMB  SETTLE ---------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.247780    46.205247      0.182439
3.588134     0.618835   816.005446
 0.25000      2.247780    46.205247      0.182439
3.588134     0.395763   758.319453
 0.50000      2.247780    46.205247      0.182439
3.588134     0.172692   706.541473
 0.75000      2.247780    46.205247      0.182439
3.588134     0.220512   663.616725
 1.00000      2.247780    46.205247      0.182439
3.588134     0.373052   620.691978

 COMB  SETTLE ---------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.247780   -46.205247     -0.178676
-2.357201    -0.618835   -816.005446
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F O R C E S

 REL DIST            P            V2            V3
    T            M2           M3
 0.25000     -2.247780   -46.205247     -0.178676
-2.357201    -0.395763   -758.319453
 0.50000     -2.247780   -46.205247     -0.178676
-2.357201    -0.240665   -700.633461
 0.75000     -2.247780   -46.205247     -0.178676
-2.357201    -0.180280   -642.947468
 1.00000     -2.247780   -46.205247     -0.178676
-2.357201    -0.408051   -585.261475

 ELEM        48 ========== LENGTH =
4.993782

 LOAD      -P4 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      1.654020    -11.618526     -0.035762
-0.517934    -0.058546   -329.572046
 0.25000      1.654020    -11.618526     -0.035762
-0.517934    -0.013899   -315.066949
 0.50000      1.654020    -11.618526     -0.035762
-0.517934     0.030748   -300.561852
 0.75000      1.654020    -11.618526     -0.035762
-0.517934     0.075395   -286.056755
 1.00000      1.654020    -11.618526     -0.035762
-0.517934     0.120043   -271.551659

 LOAD      -P5 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.886305    34.843782      0.141406
3.569002    -0.080542   620.719967
 0.25000     -1.886305    34.843782      0.141406
3.569002    -0.257080   577.219402
 0.50000     -1.886305    34.843782      0.141406
3.569002    -0.433618   533.718837
 0.75000     -1.886305    34.843782      0.141406
3.569002    -0.610156   490.218271
 1.00000     -1.886305    34.843782      0.141406
3.569002    -0.786695   446.717706

 LOAD      -P6 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      0.492864    -35.069610     -0.099102
-2.023782    -0.051252   -255.716835
 0.25000      0.492864    -35.069610     -0.099102
-2.023782     0.072471   -211.934336
 0.50000      0.492864    -35.069610     -0.099102
-2.023782     0.196195   -168.151838
 0.75000      0.492864    -35.069610     -0.099102
-2.023782     0.319919   -124.369340
 1.00000      0.492864    -35.069610     -0.099102
-2.023782     0.443642    -80.586841

 LOAD      -P7 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -0.260579    11.844353     -0.006542
-1.027286     0.190341   -35.431087
 0.25000     -0.260579    11.844353     -0.006542
-1.027286     0.198508   -50.218117
 0.50000     -0.260579    11.844353     -0.006542
-1.027286     0.206675   -65.005147
 0.75000     -0.260579    11.844353     -0.006542
-1.027286     0.214842   -79.792176
 1.00000     -0.260579    11.844353     -0.006542
-1.027286     0.223010   -94.579206

 LOAD  -2N+1- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.146884   -46.688135     -0.134864
-2.541716    -0.109799   -585.288880
 0.25000      2.146884   -46.688135     -0.134864
-2.541716     0.058572   -527.001285
 0.50000      2.146884   -46.688135     -0.134864
-2.541716     0.226943   -468.713690
 0.75000      2.146884   -46.688135     -0.134864
-2.541716     0.395314   -410.426095
 1.00000      2.146884   -46.688135     -0.134864
-2.541716     0.563685   -352.138500
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F O R C E S

 LOAD  -2N+2- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.146884    46.688135      0.134864
2.541716     0.109799   585.288880
 0.25000     -2.146884    46.688135      0.134864
2.541716     0.058572   527.001285
 0.50000     -2.146884    46.688135      0.134864
2.541716    -0.226943   468.713690
 0.75000     -2.146884    46.688135      0.134864
2.541716    -0.395314   410.426095
 1.00000     -2.146884    46.688135      0.134864
2.541716    -0.563685   352.138500

 COMB  SETTLE ---------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.146884    46.688135      0.141406
3.569002     0.190341   620.719967
 0.25000      2.146884    46.688135      0.141406
3.569002     0.198508   577.219402
 0.50000      2.146884    46.688135      0.141406
3.569002     0.226943   533.718837
 0.75000      2.146884    46.688135      0.141406
3.569002     0.395314   490.218271
 1.00000      2.146884    46.688135      0.141406
3.569002     0.563685   446.717706

 COMB  SETTLE ---------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.146884   -46.688135     -0.134864
-2.541716    -0.109799   -585.288880
 0.25000     -2.146884   -46.688135     -0.134864
-2.541716    -0.257080   -527.001285
 0.50000     -2.146884   -46.688135     -0.134864
-2.541716    -0.433618   -468.713690
 0.75000     -2.146884   -46.688135     -0.134864
-2.541716    -0.610156   -410.426095
 1.00000     -2.146884   -46.688135     -0.134864
-2.541716    -0.786695   -352.138500

 ELEM        49 ========== LENGTH =
4.994669

 LOAD      -P4 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      1.657505    -11.758910     -0.017571
-0.164509     0.117663   -271.552569
 0.25000      1.657505    -11.758910     -0.017571
-0.164509     0.139603   -256.869602
 0.50000      1.657505    -11.758910     -0.017571
-0.164509     0.161543   -242.186635
 0.75000      1.657505    -11.758910     -0.017571
-0.164509     0.183483   -227.503668
 1.00000      1.657505    -11.758910     -0.017571
-0.164509     0.205423   -212.820700

 LOAD      -P5 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.762432    35.129608      0.102447
3.210922    -0.384045   446.749046
 0.25000     -1.762432    35.129608      0.102447
3.210922    -0.511968   402.883852
 0.50000     -1.762432    35.129608      0.102447
3.210922    -0.639891   359.018658
 0.75000     -1.762432    35.129608      0.102447
3.210922    -0.767813   315.153465
 1.00000     -1.762432    35.129608      0.102447
3.210922    -0.895736   271.288271

 LOAD      -P6 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      0.346455    -35.216694     -0.078241
-2.345583    -0.000660    -80.616938
 0.25000      0.346455    -35.216694     -0.078241
-2.345583     0.097037    -36.643002
 0.50000      0.346455    -35.216694     -0.078241
-2.345583     0.194734     7.330934
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 REL DIST            P            V2            V3
    T            M2           M3
 0.75000      0.346455    -35.216694     -0.078241
-2.345583     0.292431    51.304870
 1.00000      0.346455    -35.216694     -0.078241
-2.345583     0.390128    95.278806

 LOAD      -P7 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -0.241529    11.845997     -0.006636
-0.700830     0.267042   -94.579539
 0.25000     -0.241529    11.845997     -0.006636
-0.700830     0.275328   -109.371249
 0.50000     -0.241529    11.845997     -0.006636
-0.700830     0.283614   -124.162958
 0.75000     -0.241529    11.845997     -0.006636
-0.700830     0.291899   -138.954667
 1.00000     -0.241529    11.845997     -0.006636
-0.700830     0.300185   -153.746377

 LOAD  -2N+1- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.003961   -46.975605     -0.095812
-2.510092     0.117003   -352.169507
 0.25000      2.003961   -46.975605     -0.095812
-2.510092     0.236640   -293.512604
 0.50000      2.003961   -46.975605     -0.095812
-2.510092     0.356277   -234.855701
 0.75000      2.003961   -46.975605     -0.095812
-2.510092     0.475914   -176.198797
 1.00000      2.003961   -46.975605     -0.095812
-2.510092     0.595551   -117.541894

 LOAD  -2N+2- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.003961    46.975605      0.095812
2.510092    -0.117003   352.169507
 0.25000     -2.003961    46.975605      0.095812
2.510092    -0.236640   293.512604
 0.50000     -2.003961    46.975605      0.095812
2.510092    -0.356277   234.855701
 0.75000     -2.003961    46.975605      0.095812
2.510092    -0.475914   176.198797
 1.00000     -2.003961    46.975605      0.095812
2.510092    -0.595551   117.541894

 COMB  SETTLE ---------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      2.003961    46.975605      0.102447
3.210922     0.267042   446.749046
 0.25000      2.003961    46.975605      0.102447
3.210922     0.275328   402.883852
 0.50000      2.003961    46.975605      0.102447
3.210922     0.356277   359.018658
 0.75000      2.003961    46.975605      0.102447
3.210922     0.475914   315.153465
 1.00000      2.003961    46.975605      0.102447
3.210922     0.595551   271.288271

 COMB  SETTLE ---------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -2.003961   -46.975605     -0.095812
-2.510092    -0.384045   -352.169507
 0.25000     -2.003961   -46.975605     -0.095812
-2.510092    -0.511968   -293.512604
 0.50000     -2.003961   -46.975605     -0.095812
-2.510092    -0.639891   -242.186635
 0.75000     -2.003961   -46.975605     -0.095812
-2.510092    -0.767813   -227.503668
 1.00000     -2.003961   -46.975605     -0.095812
-2.510092    -0.895736   -212.820700
 Program    SAP2000    Nonlinear    Version    7.42
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 F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 ELEM        50 ========== LENGTH =
4.993666

 LOAD      -P4 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      1.654603    -11.825892     -0.005839
0.284295     0.171351   -212.821648
 0.25000      1.654603    -11.825892     -0.005839
0.284295     0.178640   -198.058008
 0.50000      1.654603    -11.825892     -0.005839
0.284295     0.185929   -183.294367
 0.75000      1.654603    -11.825892     -0.005839
0.284295     0.193218   -168.530727
 1.00000      1.654603    -11.825892     -0.005839
0.284295     0.200507   -153.767086

 LOAD      -P5 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.634618    35.239279      0.089233
2.736275    -0.448006   271.320224
 0.25000     -1.634618    35.239279      0.089233
2.736275    -0.559406   227.326923
 0.50000     -1.634618    35.239279      0.089233
2.736275    -0.670806   183.333622
 0.75000     -1.634618    35.239279      0.089233
2.736275    -0.782206   139.340321
 1.00000     -1.634618    35.239279      0.089233
2.736275    -0.893606    95.347019

 LOAD      -P6 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      0.211703    -35.237537     -0.082051
-2.752067    -0.049565    95.247630
 0.25000      0.211703    -35.237537     -0.082051
-2.752067     0.052869   139.238757
 0.50000      0.211703    -35.237537     -0.082051
-2.752067     0.155303   183.229884
 0.75000      0.211703    -35.237537     -0.082051
-2.752067     0.257737   227.221010
 1.00000      0.211703    -35.237537     -0.082051
-2.752067     0.360171   271.212137

 LOAD      -P7 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -0.231688    11.824150     -0.001343
-0.268502     0.326221   -153.746206
 0.25000     -0.231688    11.824150     -0.001343
-0.268502     0.327898   -168.507672
 0.50000     -0.231688    11.824150     -0.001343
-0.268502     0.329574   -183.269138
 0.75000     -0.231688    11.824150     -0.001343
-0.268502     0.331251   -198.030604
 1.00000     -0.231688    11.824150     -0.001343
-0.268502     0.332928   -212.792070

 LOAD  -2N+1- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      1.866305    -47.063429     -0.087890
-2.467772     0.121785   -117.574018
 0.25000      1.866305    -47.063429     -0.087890
-2.467772     0.231508    -58.819251
 0.50000      1.866305    -47.063429     -0.087890
-2.467772     0.341232     -0.064484
 0.75000      1.866305    -47.063429     -0.087890
-2.467772     0.450955     58.690283
 1.00000      1.866305    -47.063429     -0.087890
-2.467772     0.560678    117.445050

 LOAD  -2N+2- ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.866305    47.063429      0.087890
2.467772    -0.121785   117.574018
 0.25000     -1.866305    47.063429      0.087890
2.467772    -0.231508    58.819251
 0.50000     -1.866305    47.063429      0.087890
2.467772    -0.341232     0.064484
 Program    SAP2000    Nonlinear    Version    7.42
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 REL DIST            P            V2            V3
    T            M2           M3
 0.75000     -1.866305    47.063429      0.087890
2.467772    -0.450955   -58.690283
 1.00000     -1.866305    47.063429      0.087890
2.467772    -0.560678   -117.445050

 COMB  SETTLE ---------- MAX

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      1.866305    47.063429      0.089233
2.736275     0.326221   271.320224
 0.25000      1.866305    47.063429      0.089233
2.736275     0.327898   227.326923
 0.50000      1.866305    47.063429      0.089233
2.736275     0.341232   183.333622
 0.75000      1.866305    47.063429      0.089233
2.736275     0.450955   227.221010
 1.00000      1.866305    47.063429      0.089233
2.736275     0.560678   271.212137

 COMB  SETTLE ---------- MIN

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.866305   -47.063429     -0.087890
-2.752067    -0.448006   -212.821648
 0.25000     -1.866305   -47.063429     -0.087890
-2.752067    -0.559406   -198.058008
 0.50000     -1.866305   -47.063429     -0.087890
-2.752067    -0.670806   -183.294367
 0.75000     -1.866305   -47.063429     -0.087890
-2.752067    -0.782206   -198.030604
 1.00000     -1.866305   -47.063429     -0.087890
-2.752067    -0.893606   -212.792070

 ELEM        51 ========== LENGTH =
4.993670

 LOAD      -P4 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      1.638950    -11.854292      6.72E-05
0.692577     0.145745   -153.767677
 0.25000      1.638950    -11.854292      6.72E-05
0.692577     0.145662   -138.968572
 0.50000      1.638950    -11.854292      6.72E-05
0.692577     0.145578   -124.169467
 0.75000      1.638950    -11.854292      6.72E-05
0.692577     0.145494   -109.370362
 1.00000      1.638950    -11.854292      6.72E-05
0.692577     0.145410    -94.571257

 LOAD      -P5 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000     -1.482454    35.219919      0.089530
2.333268    -0.425359    95.378504
 0.25000     -1.482454    35.219919      0.089530
2.333268    -0.537131    51.409343
 0.50000     -1.482454    35.219919      0.089530
2.333268    -0.648902     7.440182
 0.75000     -1.482454    35.219919      0.089530
2.333268    -0.760673   -36.528979
 1.00000     -1.482454    35.219919      0.089530
2.333268    -0.872444   -80.498139

 LOAD      -P6 ----------

 REL DIST            P            V2            V3
    T            M2           M3
 0.00000      0.066883    -35.129263     -0.099212
-3.232700    -0.055163   271.180726
 0.25000      0.066883    -35.129263     -0.099212
-3.232700     0.068696   315.036710
 0.50000      0.066883    -35.129263     -0.099212
-3.232700     0.192554   358.892695
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 0.75000      0.066883   -35.129263     -0.099212
-3.232700     0.316413   402.748679
 1.00000      0.066883   -35.129263     -0.099212
-3.232700     0.440271   446.604664
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 LOAD     -P7 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.223378    11.763636     0.009615
0.206856    0.334777  -212.791552
 0.25000    -0.223378    11.763636     0.009615
0.206856    0.322773  -227.477481
 0.50000    -0.223378    11.763636     0.009615
0.206856    0.310770  -242.163410
 0.75000    -0.223378    11.763636     0.009615
0.206856    0.298767  -256.849338
 1.00000    -0.223378    11.763636     0.009615
0.206856    0.286764  -271.535267

 LOAD   -2N+1- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.705833   -46.983556    -0.099145
-2.540124    0.090583   117.413048
 0.25000     1.705833   -46.983556    -0.099145
-2.540124    0.214357   176.068138
 0.50000     1.705833   -46.983556    -0.099145
-2.540124    0.338132   234.723227
 0.75000     1.705833   -46.983556    -0.099145
-2.540124    0.461906   293.378317
 1.00000     1.705833   -46.983556    -0.099145
-2.540124    0.585681   352.033406

 LOAD   -2N+2- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.705833    46.983556     0.099145
2.540124    -0.090583  -117.413048
 0.25000    -1.705833    46.983556     0.099145
2.540124    -0.214357  -176.068138
 0.50000    -1.705833    46.983556     0.099145
2.540124    -0.338132  -234.723227
 0.75000    -1.705833    46.983556     0.099145
2.540124    -0.461906  -293.378317
 1.00000    -1.705833    46.983556     0.099145
2.540124    -0.585681  -352.033406

 COMB   SETTLE -------------------- MAX

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.705833    46.983556     0.099145
2.540124    0.334777   271.180726
 0.25000     1.705833    46.983556     0.099145
2.540124    0.322773   315.036710
 0.50000     1.705833    46.983556     0.099145
2.540124    0.338132   358.892695
 0.75000     1.705833    46.983556     0.099145
2.540124    0.461906   402.748679
 1.00000     1.705833    46.983556     0.099145
2.540124    0.585681   446.604664

 COMB   SETTLE -------------------- MIN

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.705833   -46.983556    -0.099212
-3.232700   -0.425359  -212.791552
 0.25000    -1.705833   -46.983556    -0.099212
-3.232700   -0.537131  -227.477481
 0.50000    -1.705833   -46.983556    -0.099212
-3.232700   -0.648902  -242.163410
 0.75000    -1.705833   -46.983556    -0.099212
-3.232700   -0.760673  -293.378317
 1.00000    -1.705833   -46.983556    -0.099212
-3.232700   -0.872444  -352.033406

 ELEM       52 ========== LENGTH =
4.994775

 LOAD     -P4 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.622833   -11.860239     0.001438
0.969152    0.079339   -94.571550
 0.25000     1.622833   -11.860239     0.001438
0.969152    0.077543   -79.761743
 0.50000     1.622833   -11.860239     0.001438
0.969152    0.075747   -64.951936
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 REL DIST            P              V2             V3
     T          M2          M3
 0.75000     1.622833   -11.860239     0.001438
0.969152    0.073951   -50.142129
 1.00000     1.622833   -11.860239     0.001438
0.969152    0.072155   -35.332322

 LOAD     -P5 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.341226    35.072878     0.100378
1.996996    -0.407725   -80.468535
 0.25000    -1.341226    35.072878     0.100378
1.996996    -0.533066  -124.263820
 0.50000    -1.341226    35.072878     0.100378
1.996996    -0.658408  -168.059105
 0.75000    -1.341226    35.072878     0.100378
1.996996    -0.783749  -211.854390
 1.00000    -1.341226    35.072878     0.100378
1.996996    -0.909091  -255.649675

 LOAD     -P6 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.053934   -34.847365    -0.129339
-3.515319    0.066882   446.575122
 0.25000    -0.053934   -34.847365    -0.129339
-3.515319    0.228387   490.088810
 0.50000    -0.053934   -34.847365    -0.129339
-3.515319    0.389891   533.602498
 0.75000    -0.053934   -34.847365    -0.129339
-3.515319    0.551396   577.116186
 1.00000    -0.053934   -34.847365    -0.129339
-3.515319    0.712901   620.629874

 LOAD     -P7 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.227673    11.634726     0.027523
0.549171    0.261504  -271.535036
 0.25000    -0.227673    11.634726     0.027523
0.549171    0.227137  -286.063247
 0.50000    -0.227673    11.634726     0.027523
0.549171    0.192769  -300.591457
 0.75000    -0.227673    11.634726     0.027523
0.549171    0.158402  -315.119667
 1.00000    -0.227673    11.634726     0.027523
0.549171    0.124035  -329.647877

 LOAD   -2N+1- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.568899   -46.707604    -0.127901
-2.546166    0.146221   352.003572
 0.25000     1.568899   -46.707604    -0.127901
-2.546166    0.305930   410.327067
 0.50000     1.568899   -46.707604    -0.127901
-2.546166    0.465638   468.650562
 0.75000     1.568899   -46.707604    -0.127901
-2.546166    0.625347   526.974057
 1.00000     1.568899   -46.707604    -0.127901
-2.546166    0.785056   585.297552

 LOAD   -2N+2- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.568899    46.707604     0.127901
2.546166    -0.146221  -352.003572
 0.25000    -1.568899    46.707604     0.127901
2.546166    -0.305930  -410.327067
 0.50000    -1.568899    46.707604     0.127901
2.546166    -0.465638  -468.650562
 0.75000    -1.568899    46.707604     0.127901
2.546166    -0.625347  -526.974057
 1.00000    -1.568899    46.707604     0.127901
2.546166    -0.785056  -585.297552

 COMB   SETTLE -------------------- MAX

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.622833    46.707604     0.127901
2.546166    0.261504   446.575122
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 REL DIST            P              V2             V3
     T          M2          M3
 0.25000     1.622833    46.707604     0.127901
2.546166    0.305930   490.088810
 0.50000     1.622833    46.707604     0.127901
2.546166    0.465638   533.602498
 0.75000     1.622833    46.707604     0.127901
2.546166    0.625347   577.116186
 1.00000     1.622833    46.707604     0.127901
2.546166    0.785056   620.629874

 COMB   SETTLE -------------------- MIN

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.568899   -46.707604    -0.129339
-3.515319   -0.407725  -352.003572
 0.25000    -1.568899   -46.707604    -0.129339
-3.515319   -0.533066  -410.327067
 0.50000    -1.568899   -46.707604    -0.129339
-3.515319   -0.658408  -468.650562
 0.75000    -1.568899   -46.707604    -0.129339
-3.515319   -0.783749  -526.974057
 1.00000    -1.568899   -46.707604    -0.129339
-3.515319   -0.909091  -585.297552

 ELEM       53 ========== LENGTH =
4.993881

 LOAD     -P4 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.599526   -11.853143    -0.002984
1.119873    0.002666   -35.332279
 0.25000     1.599526   -11.853143    -0.002984
1.119873    0.006392   -20.533982
 0.50000     1.599526   -11.853143    -0.002984
1.119873    0.010117    -5.735684
 0.75000     1.599526   -11.853143    -0.002984
1.119873    0.013842     9.062613
 1.00000     1.599526   -11.853143    -0.002984
1.119873    0.017567    23.860911

 LOAD     -P5 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.190823    34.816829     0.129824
1.719765   -0.467982  -255.621711
 0.25000    -1.190823    34.816829     0.129824
1.719765   -0.630064  -299.089487
 0.50000    -1.190823    34.816829     0.129824
1.719765   -0.792146  -342.557264
 0.75000    -1.190823    34.816829     0.129824
1.719765   -0.954228  -386.025041
 1.00000    -1.190823    34.816829     0.129824
1.719765   -1.116310  -429.492817

 LOAD     -P6 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.171461   -34.384626    -0.175447
-3.531659    0.398967   620.602333
 0.25000    -0.171461   -34.384626    -0.175447
-3.531659    0.618007   663.530518
 0.50000    -0.171461   -34.384626    -0.175447
-3.531659    0.837047   706.458702
 0.75000    -0.171461   -34.384626    -0.175447
-3.531659    1.056087   749.386886
 1.00000    -0.171461   -34.384626    -0.175447
-3.531659    1.275128   792.315071

 LOAD     -P7 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.237242    11.420941     0.048606
0.692021    0.066349  -329.648343
 0.25000    -0.237242    11.420941     0.048606
0.692021    0.005665  -343.907049
 0.50000    -0.237242    11.420941     0.048606
0.692021   -0.055018  -358.165754
 0.75000    -0.237242    11.420941     0.048606
0.692021   -0.115701  -372.424459
 1.00000    -0.237242    11.420941     0.048606
0.692021   -0.176384  -386.683164
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 LOAD   -2N+1- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.428065   -46.237770    -0.178431
-2.411786    0.401633   585.270054
 0.25000     1.428065   -46.237770    -0.178431
-2.411786    0.624399   642.996536
 0.50000     1.428065   -46.237770    -0.178431
-2.411786    0.847164   700.723018
 0.75000     1.428065   -46.237770    -0.178431
-2.411786    1.069929   758.449499
 1.00000     1.428065   -46.237770    -0.178431
-2.411786    1.292694   816.175981

 LOAD   -2N+2- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.428065    46.237770     0.178431
2.411786    -0.401633  -585.270054
 0.25000    -1.428065    46.237770     0.178431
2.411786    -0.624399  -642.996536
 0.50000    -1.428065    46.237770     0.178431
2.411786    -0.847164  -700.723018
 0.75000    -1.428065    46.237770     0.178431
2.411786    -1.069929  -758.449499
 1.00000    -1.428065    46.237770     0.178431
2.411786    -1.292694  -816.175981

 COMB   SETTLE -------------------- MAX

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.599526    46.237770     0.178431
2.411786    0.401633   620.602333
 0.25000     1.599526    46.237770     0.178431
2.411786    0.624399   663.530518
 0.50000     1.599526    46.237770     0.178431
2.411786    0.847164   706.458702
 0.75000     1.599526    46.237770     0.178431
2.411786    1.069929   758.449499
 1.00000     1.599526    46.237770     0.178431
2.411786    1.292694   816.175981

 COMB   SETTLE -------------------- MIN

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.428065   -46.237770    -0.178431
-3.531659   -0.467982  -585.270054
 0.25000    -1.428065   -46.237770    -0.178431
-3.531659   -0.630064  -642.996536
 0.50000    -1.428065   -46.237770    -0.178431
-3.531659   -0.847164  -700.723018
 0.75000    -1.428065   -46.237770    -0.178431
-3.531659   -1.069929  -758.449499
 1.00000    -1.428065   -46.237770    -0.178431
-3.531659   -1.292694  -816.175981

 ELEM       54 ========== LENGTH =
4.994116

 LOAD     -P4 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.580663   -11.834249    -0.009482
1.126625   -0.048524   23.861665
 0.25000     1.580663   -11.834249    -0.009482
1.126625   -0.036686   38.637068
 0.50000     1.580663   -11.834249    -0.009482
1.126625   -0.024848   53.412471
 0.75000     1.580663   -11.834249    -0.009482
1.126625   -0.013010   68.187874
 1.00000     1.580663   -11.834249    -0.009482
1.126625   -0.001172   82.963278

 LOAD     -P5 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.060654    34.337291     0.154284
1.316776   -0.710910  -429.467283
 0.25000    -1.060654    34.337291     0.154284
1.316776   -0.903539  -472.338386
 0.50000    -1.060654    34.337291     0.154284
1.316776   -1.096167  -515.209490
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 REL DIST            P              V2             V3
     T          M2          M3
 0.75000    -1.060654    34.337291     0.154284
1.316776   -1.288796  -558.080593
 1.00000    -1.060654    34.337291     0.154284
1.316776   -1.481424  -600.951696

 LOAD     -P6 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.261385   -33.510311    -0.211839
-2.874542    1.022426   792.291181
 0.25000    -0.261385   -33.510311    -0.211839
-2.874542    1.286913   834.129775
 0.50000    -0.261385   -33.510311    -0.211839
-2.874542    1.551400   875.968370
 0.75000    -0.261385   -33.510311    -0.211839
-2.874542    1.815887   917.806965
 1.00000    -0.261385   -33.510311    -0.211839
-2.874542    2.080374   959.645559

 LOAD     -P7 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.258624    11.007269     0.067036
0.431141   -0.262992  -386.685563
 0.25000    -0.258624    11.007269     0.067036
0.431141   -0.346688  -400.428457
 0.50000    -0.258624    11.007269     0.067036
0.431141   -0.430385  -414.171352
 0.75000    -0.258624    11.007269     0.067036
0.431141   -0.514081  -427.914246
 1.00000    -0.258624    11.007269     0.067036
0.431141   -0.597777  -441.657140

 LOAD   -2N+1- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.319278   -45.344560    -0.221320
-1.747917    0.973902   816.152846
 0.25000     1.319278   -45.344560    -0.221320
-1.747917    1.250227   872.766843
 0.50000     1.319278   -45.344560    -0.221320
-1.747917    1.526552   929.380841
 0.75000     1.319278   -45.344560    -0.221320
-1.747917    1.802877   985.994839
 1.00000     1.319278   -45.344560    -0.221320
-1.747917    2.079202   1042.609

 LOAD   -2N+2- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.319278    45.344560     0.221320
1.747917   -0.973902  -816.152846
 0.25000    -1.319278    45.344560     0.221320
1.747917   -1.250227  -872.766843
 0.50000    -1.319278    45.344560     0.221320
1.747917   -1.526552  -929.380841
 0.75000    -1.319278    45.344560     0.221320
1.747917   -1.802877  -985.994839
 1.00000    -1.319278    45.344560     0.221320
1.747917   -2.079202  -1042.609

 COMB   SETTLE -------------------- MAX

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.580663    45.344560     0.221320
1.747917    1.022426   816.152846
 0.25000     1.580663    45.344560     0.221320
1.747917    1.286913   872.766843
 0.50000     1.580663    45.344560     0.221320
1.747917    1.551400   929.380841
 0.75000     1.580663    45.344560     0.221320
1.747917    1.815887   985.994839
 1.00000     1.580663    45.344560     0.221320
1.747917    2.080374   1042.609

 COMB   SETTLE -------------------- MIN

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -1.319278   -45.344560    -0.221320
-2.874542   -0.973902  -816.152846
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F O R C E S

 REL DIST            P              V2             V3
     T          M2          M3
 0.25000    -1.319278   -45.344560    -0.221320
-2.874542   -1.250227  -872.766843
 0.50000    -1.319278   -45.344560    -0.221320
-2.874542   -1.526552  -929.380841
 0.75000    -1.319278   -45.344560    -0.221320
-2.874542   -1.802877  -985.994839
 1.00000    -1.319278   -45.344560    -0.221320
-2.874542   -2.079202  -1042.609

 ELEM       55 ========== LENGTH =
4.993357

 LOAD     -P4 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.560595   -11.794281    -0.017487
1.026124   -0.059109    82.963710
 0.25000     1.560595   -11.794281    -0.017487
1.026124   -0.037279    97.686973
 0.50000     1.560595   -11.794281    -0.017487
1.026124   -0.015448   112.410236
 0.75000     1.560595   -11.794281    -0.017487
1.026124    0.006382   127.133499
 1.00000     1.560595   -11.794281    -0.017487
1.026124    0.028212   141.856762

 LOAD     -P5 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.932193    33.634574     0.173212
0.446961   -1.108530  -600.931335
 0.25000    -0.932193    33.634574     0.173212
0.446961   -1.324757  -642.918691
 0.50000    -0.932193    33.634574     0.173212
0.446961   -1.540984  -684.906047
 0.75000    -0.932193    33.634574     0.173212
0.446961   -1.757211  -726.893403
 1.00000    -0.932193    33.634574     0.173212
0.446961   -1.973438  -768.880759

 LOAD     -P6 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.343492   -32.267062    -0.229176
-1.022072    1.871718   959.631244
 0.25000    -0.343492   -32.267062    -0.229176
-1.022072    2.157807   999.911481
 0.50000    -0.343492   -32.267062    -0.229176
-1.022072    2.443896   1040.192
 0.75000    -0.343492   -32.267062    -0.229176
-1.022072    2.729985   1080.472
 1.00000    -0.343492   -32.267062    -0.229176
-1.022072    3.016074   1120.752

 LOAD     -P7 -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000    -0.284911    10.426769     0.073451
-0.451013   -0.704080  -441.663618
 0.25000    -0.284911    10.426769     0.073451
-0.451013   -0.795772  -454.679762
 0.50000    -0.284911    10.426769     0.073451
-0.451013   -0.887464  -467.695906
 0.75000    -0.284911    10.426769     0.073451
-0.451013   -0.979156  -480.712050
 1.00000    -0.284911    10.426769     0.073451
-0.451013   -1.070848  -493.728194

 LOAD   -2N+1- -------------------

 REL DIST            P              V2             V3
     T          M2          M3
 0.00000     1.217103   -44.061343    -0.246663
0.004052    1.812609    1042.595
 0.25000     1.217103   -44.061343    -0.246663
0.004052    2.120529    1097.598
 0.50000     1.217103   -44.061343    -0.246663
0.004052    2.428448    1152.602
 0.75000     1.217103   -44.061343    -0.246663
0.004052    2.736367    1207.605
 1.00000     1.217103   -44.061343    -0.246663
0.004052    3.044286    1262.609
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 LOAD   -2N+2- -------------------
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```
 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.217103   44.061343     0.246663
-0.004052   -1.812609   -1042.595
 0.25000    -1.217103   44.061343     0.246663
-0.004052   -2.120529   -1097.598
 0.50000    -1.217103   44.061343     0.246663
-0.004052   -2.428448   -1152.602
 0.75000    -1.217103   44.061343     0.246663
-0.004052   -2.736367   -1207.605
 1.00000    -1.217103   44.061343     0.246663
-0.004052   -3.044286   -1262.609

 COMB  SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.560595   44.061343     0.246663
 1.026124    1.871718    1042.595
 0.25000     1.560595   44.061343     0.246663
 1.026124    2.157807    1097.598
 0.50000     1.560595   44.061343     0.246663
 1.026124    2.443896    1152.602
 0.75000     1.560595   44.061343     0.246663
 1.026124    2.736367    1207.605
 1.00000     1.560595   44.061343     0.246663
 1.026124    3.044286    1262.609

 COMB  SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.217103   -44.061343    -0.246663
-1.022072   -1.812609   -1042.595
 0.25000    -1.217103   -44.061343    -0.246663
-1.022072   -2.120529   -1097.598
 0.50000    -1.217103   -44.061343    -0.246663
-1.022072   -2.428448   -1152.602
 0.75000    -1.217103   -44.061343    -0.246663
-1.022072   -2.736367   -1207.605
 1.00000    -1.217103   -44.061343    -0.246663
-1.022072   -3.044286   -1262.609

 ELEM       56 ================== LENGTH =
 4.994622

 LOAD     -P4 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -0.079702    2.441769     0.010440
 0.951566   -0.021016  140.224180
 0.25000    -0.079702    2.441769     0.010440
 0.951566   -0.034052  137.175252
 0.50000    -0.079702    2.441769     0.010440
 0.951566   -0.047088  134.126324
 0.75000    -0.079702    2.441769     0.010440
 0.951566   -0.060125  131.077396
 1.00000    -0.079702    2.441769     0.010440
 0.951566   -0.073161  128.028468

 LOAD     -P5 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     0.397535  -12.741951    -0.116035
-2.468353   -1.601869  -768.816811
 0.25000     0.397535  -12.741951    -0.116035
-2.468353   -1.456982  -752.906503
 0.50000     0.397535  -12.741951    -0.116035
-2.468353   -1.312095  -736.996196
 0.75000     0.397535  -12.741951    -0.116035
-2.468353   -1.167207  -721.085888
 1.00000     0.397535  -12.741951    -0.116035
-2.468353   -1.022320  -705.175580

 LOAD     -P6 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.777763   18.118007     0.250616
 4.905689    2.784239    1120.610
 0.25000    -1.777763   18.118007     0.250616
 4.905689    2.471305    1097.987
 0.50000    -1.777763   18.118007     0.250616
 4.905689    2.158372    1075.364
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 REL DIST            P            V2           V3
    T        M2          M3
 0.75000    -1.777763   18.118007     0.250616
 4.905689    1.845438    1052.740
 1.00000    -1.777763   18.118007     0.250616
 4.905689    1.532505    1030.117

 LOAD     -P7 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.459930   -7.817824    -0.145022
-3.388902   -1.161353  -492.017213
 0.25000     1.459930   -7.817824    -0.145022
-3.388902   -0.980271  -482.255444
 0.50000     1.459930   -7.817824    -0.145022
-3.388902   -0.799189  -472.493675
 0.75000     1.459930   -7.817824    -0.145022
-3.388902   -0.618106  -462.731906
 1.00000     1.459930   -7.817824    -0.145022
-3.388902   -0.437024  -452.970137

 LOAD  -2N+1- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.857465   20.559775     0.261057
 5.857256    2.763223    1260.834
 0.25000    -1.857465   20.559775     0.261057
 5.857256    2.437253    1235.162
 0.50000    -1.857465   20.559775     0.261057
 5.857256    2.111283    1209.490
 0.75000    -1.857465   20.559775     0.261057
 5.857256    1.785314    1183.818
 1.00000    -1.857465   20.559775     0.261057
 5.857256    1.459344    1158.146

 LOAD  -2N+2- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.857465   -20.559775    -0.261057
-5.857256   -2.763223   -1260.834
 0.25000    -1.857465   -20.559775    -0.261057
-5.857256   -2.437253   -1235.162
 0.50000    -1.857465   -20.559775    -0.261057
-5.857256   -2.111283   -1209.490
 0.75000    -1.857465   -20.559775    -0.261057
-5.857256   -1.785314   -1183.818
 1.00000    -1.857465   -20.559775    -0.261057
-5.857256   -1.459344   -1158.146

 COMB  SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.857465   20.559775     0.261057
 5.857256    2.784239    1260.834
 0.25000     1.857465   20.559775     0.261057
 5.857256    2.471305    1235.162
 0.50000     1.857465   20.559775     0.261057
 5.857256    2.158372    1209.490
 0.75000     1.857465   20.559775     0.261057
 5.857256    1.845438    1183.818
 1.00000     1.857465   20.559775     0.261057
 5.857256    1.532505    1158.146

 COMB  SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.857465   -20.559775    -0.261057
-5.857256   -2.763223   -1260.834
 0.25000    -1.857465   -20.559775    -0.261057
-5.857256   -2.437253   -1235.162
 0.50000    -1.857465   -20.559775    -0.261057
-5.857256   -2.111283   -1209.490
 0.75000    -1.857465   -20.559775    -0.261057
-5.857256   -1.785314   -1183.818
 1.00000    -1.857465   -20.559775    -0.261057
-5.857256   -1.459344   -1158.146
 Program  SAP2000    Nonlinear    Version   7.42
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 ELEM       57 ================== LENGTH =
 4.994038

 LOAD     -P4 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -0.094587    2.505601     0.008027
 0.748965   -0.108368  128.029500
 0.25000    -0.094587    2.505601     0.008027
 0.748965   -0.118389  124.901234
 0.50000    -0.094587    2.505601     0.008027
 0.748965   -0.128410  121.772968
 0.75000    -0.094587    2.505601     0.008027
 0.748965   -0.138431  118.644702
 1.00000    -0.094587    2.505601     0.008027
 0.748965   -0.148453  115.516436

 LOAD     -P5 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     0.492479  -13.440204    -0.102984
-2.724026   -0.781611  -705.172853
 0.25000     0.492479  -13.440204    -0.102984
-2.724026   -0.653035  -688.392632
 0.50000     0.492479  -13.440204    -0.102984
-2.724026   -0.524459  -671.612410
 0.75000     0.492479  -13.440204    -0.102984
-2.724026   -0.395883  -654.832189
 1.00000     0.492479  -13.440204    -0.102984
-2.724026   -0.267307  -638.051968

 LOAD     -P6 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.809960   19.341859     0.241468
 6.082190    1.513101    1030.137
 0.25000    -1.809960   19.341859     0.241468
 6.082190    1.211626    1005.988
 0.50000    -1.809960   19.341859     0.241468
 6.082190    0.910151   981.839932
 0.75000    -1.809960   19.341859     0.241468
 6.082190    0.608675   957.691440
 1.00000    -1.809960   19.341859     0.241468
 6.082190    0.307200   933.542948

 LOAD     -P7 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.412069   -8.407255    -0.146511
-4.107129   -0.623122  -452.993562
 0.25000     1.412069   -8.407255    -0.146511
-4.107129   -0.440201  -442.497026
 0.50000     1.412069   -8.407255    -0.146511
-4.107129   -0.257281  -432.000489
 0.75000     1.412069   -8.407255    -0.146511
-4.107129   -0.074361  -421.503953
 1.00000     1.412069   -8.407255    -0.146511
-4.107129    0.108560  -411.007416

 LOAD  -2N+1- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.904548   21.847459     0.249495
 6.831155    1.404733    1158.166
 0.25000    -1.904548   21.847459     0.249495
 6.831155    1.093237    1130.890
 0.50000    -1.904548   21.847459     0.249495
 6.831155    0.781741    1103.613
 0.75000    -1.904548   21.847459     0.249495
 6.831155    0.470244    1076.336
 1.00000    -1.904548   21.847459     0.249495
 6.831155    0.158748    1049.059

 LOAD  -2N+2- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.904548  -21.847459    -0.249495
-6.831155   -1.404733   -1158.166
 0.25000     1.904548  -21.847459    -0.249495
-6.831155   -1.093237   -1130.890
 0.50000     1.904548  -21.847459    -0.249495
-6.831155   -0.781741   -1103.613
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   File:2교대구방향S5-S704.OUT

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 F O R C E S

 REL DIST            P            V2           V3
    T        M2          M3
 0.75000     1.904548  -21.847459    -0.249495
-6.831155   -0.470244   -1076.336
 1.00000     1.904548  -21.847459    -0.249495
-6.831155   -0.158748   -1049.059

 COMB  SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.904548   21.847459     0.249495
 6.831155    1.513101    1158.166
 0.25000     1.904548   21.847459     0.249495
 6.831155    1.211626    1130.890
 0.50000     1.904548   21.847459     0.249495
 6.831155    0.910151    1103.613
 0.75000     1.904548   21.847459     0.249495
 6.831155    0.608675    1076.336
 1.00000     1.904548   21.847459     0.249495
 6.831155    0.307200    1049.059

 COMB  SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.904548   -21.847459    -0.249495
-6.831155   -1.404733   -1158.166
 0.25000    -1.904548   -21.847459    -0.249495
-6.831155   -1.093237   -1130.890
 0.50000    -1.904548   -21.847459    -0.249495
-6.831155   -0.781741   -1103.613
 0.75000    -1.904548   -21.847459    -0.249495
-6.831155   -0.470244   -1076.336
 1.00000    -1.904548   -21.847459    -0.249495
-6.831155   -0.267307   -1049.059

 ELEM       58 ================== LENGTH =
 4.993413

 LOAD     -P4 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -0.103713    2.542513     0.005508
 0.548289   -0.170566  115.517164
 0.25000    -0.103713    2.542513     0.005508
 0.548289   -0.177442  112.343209
 0.50000    -0.103713    2.542513     0.005508
 0.548289   -0.184319  109.169255
 0.75000    -0.103713    2.542513     0.005508
 0.548289   -0.191196  105.995300
 1.00000    -0.103713    2.542513     0.005508
 0.548289   -0.198072  102.821346

 LOAD     -P5 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     0.552120  -13.868811    -0.076219
-2.505065   -0.112292  -638.052337
 0.25000     0.552120  -13.868811    -0.076219
-2.505065   -0.017144  -620.739162
 0.50000     0.552120  -13.868811    -0.076219
-2.505065    0.078004  -603.425987
 0.75000     0.552120  -13.868811    -0.076219
-2.505065    0.173152  -586.112812
 1.00000     0.552120  -13.868811    -0.076219
-2.505065    0.268300  -568.799637

 LOAD     -P6 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.789400   20.120546     0.205840
 6.357105    0.418985   933.568816
 0.25000    -1.789400   20.120546     0.205840
 6.357105    0.162025   908.451267
 0.50000    -1.789400   20.120546     0.205840
 6.357105   -0.094936   883.333719
 0.75000    -1.789400   20.120546     0.205840
 6.357105   -0.351897   858.216170
 1.00000    -1.789400   20.120546     0.205840
 6.357105   -0.608857   833.098621
 Program  SAP2000    Nonlinear    Version   7.42
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 LOAD     -P7 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.340992   -8.794248    -0.135129
-4.400329   -0.136127  -411.033643
 0.25000     1.340992   -8.794248    -0.135129
-4.400329    0.032562  -400.055315
 0.50000     1.340992   -8.794248    -0.135129
-4.400329    0.201251  -389.076987
 0.75000     1.340992   -8.794248    -0.135129
-4.400329    0.369940  -378.098659
 1.00000     1.340992   -8.794248    -0.135129
-4.400329    0.538629  -367.120330

 LOAD  -2N+1- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.893113   22.663059     0.211348
 6.905394    0.248419    1049.086
 0.25000    -1.893113   22.663059     0.211348
 6.905394   -0.015418    1020.794
 0.50000    -1.893113   22.663059     0.211348
 6.905394   -0.279255   992.502974
 0.75000    -1.893113   22.663059     0.211348
 6.905394   -0.543092   964.211471
 1.00000    -1.893113   22.663059     0.211348
 6.905394   -0.806929   935.919967

 LOAD  -2N+2- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.893113  -22.663059    -0.211348
-6.905394   -0.248419   -1049.086
 0.25000     1.893113  -22.663059    -0.211348
-6.905394    0.015418   -1020.794
 0.50000     1.893113  -22.663059    -0.211348
-6.905394    0.279255  -992.502974
 0.75000     1.893113  -22.663059    -0.211348
-6.905394    0.543092  -964.211471
 1.00000     1.893113  -22.663059    -0.211348
-6.905394    0.806929  -935.919967

 COMB  SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.893113   22.663059     0.211348
 6.905394    0.418985    1049.086
 0.25000     1.893113   22.663059     0.211348
 6.905394    0.162025    1020.794
 0.50000     1.893113   22.663059     0.211348
 6.905394    0.279255   992.502974
 0.75000     1.893113   22.663059     0.211348
 6.905394    0.543092   964.211471
 1.00000     1.893113   22.663059     0.211348
 6.905394    0.806929   935.919967

 COMB  SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.893113   -22.663059    -0.211348
-6.905394   -0.248419   -1049.086
 0.25000    -1.893113   -22.663059    -0.211348
-6.905394   -0.177442   -1020.794
 0.50000    -1.893113   -22.663059    -0.211348
-6.905394   -0.279255   -992.502974
 0.75000    -1.893113   -22.663059    -0.211348
-6.905394   -0.543092   -964.211471
 1.00000    -1.893113   -22.663059    -0.211348
-6.905394   -0.806929   -935.919967

 ELEM       59 ================== LENGTH =
 4.993890

 LOAD     -P4 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -0.109461    2.572781     0.002495
 0.349233   -0.207132  102.822093
 0.25000    -0.109461    2.572781     0.002495
 0.349233   -0.210246   99.610047
 0.50000    -0.109461    2.572781     0.002495
 0.349233   -0.213361   96.398000
 Program  SAP2000    Nonlinear    Version   7.42
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 REL DIST            P            V2           V3
    T        M2          M3
 0.75000    -0.109461    2.572781     0.002495
 0.349233   -0.216475   93.185954
 1.00000    -0.109461    2.572781     0.002495
 0.349233   -0.219589   89.973908

 LOAD     -P5 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     0.589901  -14.158009    -0.045901
-1.884525   0.339068  -568.802358
 0.25000     0.589901  -14.158009    -0.045901
-1.884525   0.396374  -551.126472
 0.50000     0.589901  -14.158009    -0.045901
-1.884525   0.453680  -533.450585
 0.75000     0.589901  -14.158009    -0.045901
-1.884525   0.510986  -515.774699
 1.00000     0.589901  -14.158009    -0.045901
-1.884525   0.568292  -498.098812

 LOAD     -P6 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.736000   20.656714     0.153782
 5.892195   -0.371568  833.129533
 0.25000    -1.736000   20.656714     0.153782
 5.892195   -0.563560  807.340191
 0.50000    -1.736000   20.656714     0.153782
 5.892195   -0.755552  781.550850
 0.75000    -1.736000   20.656714     0.153782
 5.892195   -0.947544  755.761509
 1.00000    -1.736000   20.656714     0.153782
 5.892195   -1.139536  729.972167

 LOAD     -P7 ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.255560   -9.071485    -0.110375
-4.356902   0.239633  -367.149267
 0.25000     1.255560   -9.071485    -0.110375
-4.356902   0.377433  -355.823766
 0.50000     1.255560   -9.071485    -0.110375
-4.356902   0.515233  -344.498265
 0.75000     1.255560   -9.071485    -0.110375
-4.356902   0.653034  -333.172764
 1.00000     1.255560   -9.071485    -0.110375
-4.356902   0.790834  -321.847263

 LOAD  -2N+1- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.845461   23.229494     0.156276
 6.241428   -0.578700   935.951626
 0.25000    -1.845461   23.229494     0.156276
 6.241428   -0.773807   906.950238
 0.50000    -1.845461   23.229494     0.156276
 6.241428   -0.968913   877.948850
 0.75000    -1.845461   23.229494     0.156276
 6.241428   -1.164019   848.947463
 1.00000    -1.845461   23.229494     0.156276
 6.241428   -1.359126   819.946075

 LOAD  -2N+2- ------------------

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.845461  -23.229494    -0.156276
-6.241428   0.578700  -935.951626
 0.25000     1.845461  -23.229494    -0.156276
-6.241428   0.773807  -906.950238
 0.50000     1.845461  -23.229494    -0.156276
-6.241428   0.968913  -877.948850
 0.75000     1.845461  -23.229494    -0.156276
-6.241428   1.164019  -848.947463
 1.00000     1.845461  -23.229494    -0.156276
-6.241428   1.359126  -819.946075

 COMB  SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000     1.845461   23.229494     0.156276
 6.241428    0.578700   935.951626
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 REL DIST            P            V2           V3
    T        M2          M3
 0.25000     1.845461   23.229494     0.156276
 6.241428    0.773807   906.950238
 0.50000     1.845461   23.229494     0.156276
 6.241428    0.968913   877.948850
 0.75000     1.845461   23.229494     0.156276
 6.241428    1.164019   848.947463
 1.00000     1.845461   23.229494     0.156276
 6.241428    1.359126   819.946075

 COMB  SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T        M2          M3
 0.00000    -1.845461   -23.229494    -0.156276
-6.241428   -0.578700  -935.951626
 0.25000    -1.845461   -23.229494    -0.156276
-6.241428   -0.773807  -906.950238
 0.50000    -1.845461   -23.229494    -0.156276
-6.241428   -0.968913  -877.948850
 0.75000    -1.845461   -23.229494    -0.156276
-6.241428   -1.164019  -848.947463
 1.00000    -1.845461   -23.229494    -0.156276
-6.241428   -1.359126  -819.946075

 ELEM       60 ================== LENGTH =
 4.994401
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LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.110237	2.589986	5.78E-05
0.118235	-0.216318	89.974589	
0.25000	-0.110237	2.589986	5.78E-05
0.118235	-0.216390	86.740731	
0.50000	-0.110237	2.589986	5.78E-05
0.118235	-0.216462	83.506873	
0.75000	-0.110237	2.589986	5.78E-05
0.118235	-0.216534	80.273016	
1.00000	-0.110237	2.589986	5.78E-05
0.118235	-0.216607	77.039158	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.598238	-14.312826	-0.022812
-0.838840	0.563478	-498.102399	
0.25000	0.598238	-14.312826	-0.022812
-0.838840	0.591961	-480.231402	
0.50000	0.598238	-14.312826	-0.022812
-0.838840	0.620444	-462.360405	
0.75000	0.598238	-14.312826	-0.022812
-0.838840	0.648927	-444.489408	
1.00000	0.598238	-14.312826	-0.022812
-0.838840	0.677410	-426.618411	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.638904	20.965347	0.111597
4.679999	-0.787753	730.006217	
0.25000	-1.638904	20.965347	0.111597
4.679999	-0.927093	703.828880	
0.50000	-1.638904	20.965347	0.111597
4.679999	-1.066434	677.651543	
0.75000	-1.638904	20.965347	0.111597
4.679999	-1.205774	651.474206	
1.00000	-1.638904	20.965347	0.111597
4.679999	-1.345115	625.296869	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.150903	-9.242508	-0.088843
-3.959394	0.440593	-321.878406	
0.25000	1.150903	-9.242508	-0.088843
-3.959394	0.551522	-310.338209	
0.50000	1.150903	-9.242508	-0.088843
-3.959394	0.662452	-298.798011	
0.75000	1.150903	-9.242508	-0.088843
-3.959394	0.773381	-287.257814	
1.00000	1.150903	-9.242508	-0.088843
-3.959394	0.884311	-275.717616	

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.749141	23.555334	0.111655
4.798234	-1.004070	819.980806	
0.25000	-1.749141	23.555334	0.111655
4.798234	-1.143483	790.569611	
0.50000	-1.749141	23.555334	0.111655
4.798234	-1.282896	761.158416	
0.75000	-1.749141	23.555334	0.111655
4.798234	-1.422308	731.747222	
1.00000	-1.749141	23.555334	0.111655
4.798234	-1.561721	702.336027	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.749141	-23.555334	-0.111655
-4.798234	1.004070	-819.980806	
0.25000	1.749141	-23.555334	-0.111655
-4.798234	1.143483	-790.569611	
0.50000	1.749141	-23.555334	-0.111655
-4.798234	1.282896	-761.158416	
0.75000	1.749141	-23.555334	-0.111655
-4.798234	1.422308	-731.747222	
1.00000	1.749141	-23.555334	-0.111655
-4.798234	1.561721	-702.336027	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.749141	23.555334	0.111655
4.798234	1.004070	819.980806	
0.25000	1.749141	23.555334	0.111655
4.798234	1.143483	790.569611	
0.50000	1.749141	23.555334	0.111655
4.798234	1.282896	761.158416	
0.75000	1.749141	23.555334	0.111655
4.798234	1.422308	731.747222	
1.00000	1.749141	23.555334	0.111655
4.798234	1.561721	702.336027	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.749141	-23.555334	-0.111655
-4.798234	-1.004070	-819.980806	
0.25000	-1.749141	-23.555334	-0.111655
-4.798234	-1.143483	-790.569611	
0.50000	-1.749141	-23.555334	-0.111655
-4.798234	-1.282896	-761.158416	
0.75000	-1.749141	-23.555334	-0.111655
-4.798234	-1.422308	-731.747222	
1.00000	-1.749141	-23.555334	-0.111655
-4.798234	-1.561721	-702.336027	

ELEM 61 ========== LENGTH = 4.994022

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.109190	2.603271	-0.000932
-0.094987	-0.205120	77.039513	
0.25000	-0.109190	2.603271	-0.000932
-0.094987	-0.203956	73.789316	
0.50000	-0.109190	2.603271	-0.000932
-0.094987	-0.202792	70.539118	
0.75000	-0.109190	2.603271	-0.000932
-0.094987	-0.201629	67.288921	
1.00000	-0.109190	2.603271	-0.000932
-0.094987	-0.200465	64.038724	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.595325	-14.412673	-0.012274
0.241037	0.622955	-426.620800	
0.25000	0.595325	-14.412673	-0.012274
0.241037	0.638279	-408.626500	
0.50000	0.595325	-14.412673	-0.012274
0.241037	0.653603	-390.632200	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.595325	-14.412673	-0.012274
0.241037	0.668928	-372.637900	
1.00000	0.595325	-14.412673	-0.012274
0.241037	0.684252	-354.643600	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.524745	21.161745	0.091206
3.291539	-0.919500	625.330001	
0.25000	-1.524745	21.161745	0.091206
3.291539	-1.033371	598.909449	
0.50000	-1.524745	21.161745	0.091206
3.291539	-1.147241	572.488897	
0.75000	-1.524745	21.161745	0.091206
3.291539	-1.261112	546.068345	
1.00000	-1.524745	21.161745	0.091206
3.291539	-1.374983	519.647793	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.038610	-9.352342	-0.077999
-3.437589	0.501665	-275.748715	
0.25000	1.038610	-9.352342	-0.077999
-3.437589	0.599048	-264.072265	
0.50000	1.038610	-9.352342	-0.077999
-3.437589	0.696430	-252.395816	
0.75000	1.038610	-9.352342	-0.077999
-3.437589	0.793813	-240.719366	
1.00000	1.038610	-9.352342	-0.077999
-3.437589	0.891195	-229.042917	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.633935	23.765015	0.090273
3.196552	-1.124620	702.369515	
0.25000	-1.633935	23.765015	0.090273
3.196552	-1.237327	672.698765	
0.50000	-1.633935	23.765015	0.090273
3.196552	-1.350034	643.028016	
0.75000	-1.633935	23.765015	0.090273
3.196552	-1.462740	613.357267	
1.00000	-1.633935	23.765015	0.090273
3.196552	-1.575447	583.686517	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.633935	-23.765015	-0.090273
-3.196552	1.124620	-702.369515	
0.25000	1.633935	-23.765015	-0.090273
-3.196552	1.237327	-672.698765	
0.50000	1.633935	-23.765015	-0.090273
-3.196552	1.350034	-643.028016	
0.75000	1.633935	-23.765015	-0.090273
-3.196552	1.462740	-613.357267	
1.00000	1.633935	-23.765015	-0.090273
-3.196552	1.575447	-583.686517	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.633935	23.765015	0.091206
3.291539	1.124620	702.369515	
0.25000	1.633935	23.765015	0.091206
3.291539	1.237327	672.698765	
0.50000	1.633935	23.765015	0.091206
3.291539	1.350034	643.028016	
0.75000	1.633935	23.765015	0.091206
3.291539	1.462740	613.357267	
1.00000	1.633935	23.765015	0.091206
3.291539	1.575447	583.686517	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.633935	-23.765015	-0.090273
-3.437589	-1.124620	-702.369515	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-1.633935	-23.765015	-0.090273
-3.437589	-1.237327	-672.698765	
0.50000	-1.633935	-23.765015	-0.090273
-3.437589	-1.350034	-643.028016	
0.75000	-1.633935	-23.765015	-0.090273
-3.437589	-1.462740	-613.357267	
1.00000	-1.633935	-23.765015	-0.090273
-3.437589	-1.575447	-583.686517	

ELEM 62 ========== LENGTH = 4.993649

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.104698	2.605711	-0.001358
-0.301472	-0.182500	64.038700	
0.25000	-0.104698	2.605711	-0.001358
-0.301472	-0.180805	60.785698	
0.50000	-0.104698	2.605711	-0.001358
-0.301472	-0.179110	57.532697	
0.75000	-0.104698	2.605711	-0.001358
-0.301472	-0.177415	54.279695	
1.00000	-0.104698	2.605711	-0.001358
-0.301472	-0.175720	51.026693	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.572691	-14.435860	-0.007947
1.349885	0.591475	-354.644172	
0.25000	0.572691	-14.435860	-0.007947
1.349885	0.601397	-336.622268	
0.50000	0.572691	-14.435860	-0.007947
1.349885	0.611318	-318.600364	
0.75000	0.572691	-14.435860	-0.007947
1.349885	0.621239	-300.578459	
1.00000	0.572691	-14.435860	-0.007947
1.349885	0.631160	-282.556555	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.381123	21.222127	0.078059
1.765636	-0.889668	519.678768	
0.25000	-1.381123	21.222127	0.078059
1.765636	-0.987117	493.184806	
0.50000	-1.381123	21.222127	0.078059
1.765636	-1.084567	466.690844	
0.75000	-1.381123	21.222127	0.078059
1.765636	-1.182016	440.196882	
1.00000	-1.381123	21.222127	0.078059
1.765636	-1.279466	413.702921	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.913131	-9.391978	-0.068754
-2.814049	0.480693	-229.073296	
0.25000	0.913131	-9.391978	-0.068754
-2.814049	0.566526	-217.348237	
0.50000	0.913131	-9.391978	-0.068754
-2.814049	0.652359	-205.623177	
0.75000	0.913131	-9.391978	-0.068754
-2.814049	0.738192	-193.898118	
1.00000	0.913131	-9.391978	-0.068754
-2.814049	0.824025	-182.173058	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.485822	23.827838	0.076701
1.464164	-1.072168	583.717468	
0.25000	-1.485822	23.827838	0.076701
1.464164	-1.167923	553.970505	
0.50000	-1.485822	23.827838	0.076701
1.464164	-1.263677	524.223541	
0.75000	-1.485822	23.827838	0.076701
1.464164	-1.359431	494.476577	
1.00000	-1.485822	23.827838	0.076701
1.464164	-1.455185	464.729614	

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.485822	-23.827838	-0.076701
-1.464164	1.072168	-583.717468	
0.25000	1.485822	-23.827838	-0.076701
-1.464164	1.167923	-553.970505	
0.50000	1.485822	-23.827838	-0.076701
-1.464164	1.263677	-524.223541	
0.75000	1.485822	-23.827838	-0.076701
-1.464164	1.359431	-494.476577	
1.00000	1.485822	-23.827838	-0.076701
-1.464164	1.455185	-464.729614	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.485822	23.827838	0.078059
1.765636	1.072168	583.717468	
0.25000	1.485822	23.827838	0.078059
1.765636	1.167923	553.970505	
0.50000	1.485822	23.827838	0.078059
1.765636	1.263677	524.223541	
0.75000	1.485822	23.827838	0.078059
1.765636	1.359431	494.476577	
1.00000	1.485822	23.827838	0.078059
1.765636	1.455185	464.729614	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.485822	-23.827838	-0.076701
-2.814049	-1.072168	-583.717468	
0.25000	-1.485822	-23.827838	-0.076701
-2.814049	-1.167923	-553.970505	
0.50000	-1.485822	-23.827838	-0.076701
-2.814049	-1.263677	-524.223541	
0.75000	-1.485822	-23.827838	-0.076701
-2.814049	-1.359431	-494.476577	
1.00000	-1.485822	-23.827838	-0.076701
-2.814049	-1.455185	-464.729614	

ELEM 63 ========== LENGTH = 4.994341

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099461	2.605691	-0.001830
-0.463422	-0.153377	51.026388	
0.25000	-0.099461	2.605691	-0.001830
-0.463422	-0.151092	47.772961	
0.50000	-0.099461	2.605691	-0.001830
-0.463422	-0.148806	44.519534	
0.75000	-0.099461	2.605691	-0.001830
-0.463422	-0.146521	41.266107	
1.00000	-0.099461	2.605691	-0.001830
-0.463422	-0.144236	38.012680	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.545550	-14.437749	-0.004710
2.242217	0.512963	-282.555599	
0.25000	0.545550	-14.437749	-0.004710
2.242217	0.518844	-264.528840	
0.50000	0.545550	-14.437749	-0.004710
2.242217	0.524726	-246.502080	
0.75000	0.545550	-14.437749	-0.004710
2.242217	0.530607	-228.475321	
1.00000	0.545550	-14.437749	-0.004710
2.242217	0.536488	-210.448561	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.230517	21.233751	0.069994
0.487122	-0.756883	413.731069	
0.25000	-1.230517	21.233751	0.069994
0.487122	-0.844276	387.218921	
0.50000	-1.230517	21.233751	0.069994
0.487122	-0.931670	360.706773	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-1.230517	21.233751	0.069994
0.487122	-1.019063	334.194625	
1.00000	-1.230517	21.233751	0.069994
0.487122	-1.106457	307.682477	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.784429	-9.401694	-0.063453
-2.265917	0.397297	-182.201858	
0.25000	0.784429	-9.401694	-0.063453
-2.265917	0.476524	-170.463042	
0.50000	0.784429	-9.401694	-0.063453
-2.265917	0.555751	-158.724227	
0.75000	0.784429	-9.401694	-0.063453
-2.265917	0.634977	-146.985411	
1.00000	0.784429	-9.401694	-0.063453
-2.265917	0.714204	-135.246595	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.329978	23.839442	0.068164
0.023700	-0.910260	464.757457	
0.25000	-1.329978	23.839442	0.068164
0.023700	-0.995368	434.991882	
0.50000	-1.329978	23.839442	0.068164
0.023700	-1.080476	405.226307	
0.75000	-1.329978	23.839442	0.068164
0.023700	-1.165584	375.460732	
1.00000	-1.329978	23.839442	0.068164
0.023700	-1.250692	345.695156	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.329978	-23.839442	-0.068164
-0.023700	0.910260	-464.757457	
0.25000	1.329978	-23.839442	-0.068164
-0.023700	0.995368	-434.991882	
0.50000	1.329978	-23.839442	-0.068164
-0.023700	1.080476	-405.226307	
0.75000	1.329978	-23.839442	-0.068164
-0.023700	1.165584	-375.460732	
1.00000	1.329978	-23.839442	-0.068164
-0.023700	1.250692	-345.695156	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.329978	23.839442	0.069994
2.242217	0.910260	464.757457	
0.25000	1.329978	23.839442	0.069994
2.242217	0.995368	434.991882	
0.50000	1.329978	23.839442	0.069994
2.242217	1.080476	405.226307	
0.75000	1.329978	23.839442	0.069994
2.242217	1.165584	375.460732	
1.00000	1.329978	23.839442	0.069994
2.242217	1.250692	345.695156	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.329978	-23.839442	-0.068164
-2.265917	-0.910260	-464.757457	
0.25000	-1.329978	-23.839442	-0.068164
-2.265917	-0.995368	-434.991882	
0.50000	-1.329978	-23.839442	-0.068164
-2.265917	-1.080476	-405.226307	
0.75000	-1.329978	-23.839442	-0.068164
-2.265917	-1.165584	-375.460732	
1.00000	-1.329978	-23.839442	-0.068164
-2.265917	-1.250692	-345.695156	

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FRAME ELEMENT INTERNAL FORCES

ELEM 64 ========== LENGTH = 4.994034

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092063	2.613267	-0.003000
-0.559372	-0.119592	38.012160	
0.25000	-0.092063	2.613267	-0.003000
-0.559372	-0.115846	34.749474	
0.50000	-0.092063	2.613267	-0.003000
-0.559372	-0.112100	31.486788	
0.75000	-0.092063	2.613267	-0.003000
-0.559372	-0.108355	28.224102	
1.00000	-0.092063	2.613267	-0.003000
-0.559372	-0.104609	24.961416	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.506168	-14.476491	0.001642
2.789798	0.404480	-210.446432	
0.25000	0.506168	-14.476491	0.001642
2.789798	0.402430	-192.372409	
0.50000	0.506168	-14.476491	0.001642
2.789798	0.400380	-174.298386	
0.75000	0.506168	-14.476491	0.001642
2.789798	0.398330	-156.224363	
1.00000	0.506168	-14.476491	0.001642
2.789798	0.396280	-138.150341	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.061268	21.262764	0.063162
-0.434795	-0.559100	307.708762	
0.25000	-1.061268	21.262764	0.063162
-0.434795	-0.637959	281.162019	
0.50000	-1.061268	21.262764	0.063162
-0.434795	-0.716817	254.615276	
0.75000	-1.061268	21.262764	0.063162
-0.434795	-0.795676	228.068533	
1.00000	-1.061268	21.262764	0.063162
-0.434795	-0.874534	201.521790	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	

0.00000	0.647163	-9.399540	-0.061804
-1.795631	0.274212	-135.274491	
0.25000	0.647163	-9.399540	-0.061804
-1.795631	0.351375	-123.539084	
0.50000	0.647163	-9.399540	-0.061804
-1.795631	0.428537	-111.803678	
0.75000	0.647163	-9.399540	-0.061804
-1.795631	0.505700	-100.068272	
1.00000	0.647163	-9.399540	-0.061804
-1.795631	0.582863	-88.332865	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.153331	23.876031	0.060162
-0.994167	-0.678692	345.720922	
0.25000	-1.153331	23.876031	0.060162
-0.994167	-0.753805	315.911493	
0.50000	-1.153331	23.876031	0.060162
-0.994167	-0.828918	286.102064	
0.75000	-1.153331	23.876031	0.060162
-0.994167	-0.904030	256.292635	
1.00000	-1.153331	23.876031	0.060162
-0.994167	-0.979143	226.483206	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.153331	-23.876031	-0.060162
0.994167	0.678692	-345.720922	
0.25000	1.153331	-23.876031	-0.060162
0.994167	0.753805	-315.911493	
0.50000	1.153331	-23.876031	-0.060162
0.994167	0.828918	-286.102064	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	1.153331	-23.876031	-0.060162
0.994167	0.904030	-256.292635	
1.00000	1.153331	-23.876031	-0.060162
0.994167	0.979143	-226.483206	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.153331	23.876031	0.063162
2.789798	0.678692	345.720922	
0.25000	1.153331	23.876031	0.063162
2.789798	0.753805	315.911493	
0.50000	1.153331	23.876031	0.063162
2.789798	0.828918	286.102064	
0.75000	1.153331	23.876031	0.063162
2.789798	0.904030	256.292635	
1.00000	1.153331	23.876031	0.063162
2.789798	0.979143	226.483206	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.153331	-23.876031	-0.061804
-1.795631	-0.678692	-345.720922	
0.25000	-1.153331	-23.876031	-0.061804
-1.795631	-0.753805	-315.911493	
0.50000	-1.153331	-23.876031	-0.061804
-1.795631	-0.828918	-286.102064	
0.75000	-1.153331	-23.876031	-0.061804
-1.795631	-0.904030	-256.292635	
1.00000	-1.153331	-23.876031	-0.061804
-1.795631	-0.979143	-226.483206	

ELEM 65 ========== LENGTH = 4.993930

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.084493	2.616176	-0.004362
-0.626706	-0.077002	24.960572	
0.25000	-0.084493	2.616176	-0.004362
-0.626706	-0.071556	21.694322	
0.50000	-0.084493	2.616176	-0.004362
-0.626706	-0.066110	18.428072	
0.75000	-0.084493	2.616176	-0.004362
-0.626706	-0.060663	15.161821	
1.00000	-0.084493	2.616176	-0.004362
-0.626706	-0.055217	11.895571	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.465655	-14.485926	0.007693
3.192972	0.247315	-138.146476	
0.25000	0.465655	-14.485926	0.007693
3.192972	0.237711	-120.061050	
0.50000	0.465655	-14.485926	0.007693
3.192972	0.228106	-101.975624	
0.75000	0.465655	-14.485926	0.007693
3.192972	0.218502	-83.890199	
1.00000	0.465655	-14.485926	0.007693
3.192972	0.208897	-65.804773	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.889831	21.210851	0.066588
-1.299712	-0.300783	201.546227	
0.25000	-0.889831	21.210851	0.066588
-1.299712	-0.383917	175.064851	
0.50000	-0.889831	21.210851	0.066588
-1.299712	-0.467051	148.583475	
0.75000	-0.889831	21.210851	0.066588
-1.299712	-0.550185	122.102099	
1.00000	-0.889831	21.210851	0.066588
-1.299712	-0.633320	95.620723	

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LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.508669	-9.341100	-0.069919
-1.266554	0.130470	-88.360323	
0.25000	0.508669	-9.341100	-0.069919
-1.266554	0.217763	-76.698123	
0.50000	0.508669	-9.341100	-0.069919
-1.266554	0.305055	-65.035922	
0.75000	0.508669	-9.341100	-0.069919
-1.266554	0.392347	-53.373722	
1.00000	0.508669	-9.341100	-0.069919
-1.266554	0.479639	-41.711522	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.974324	23.827027	0.062226
-1.926418	-0.377786	226.506799	
0.25000	-0.974324	23.827027	0.062226
-1.926418	-0.455473	196.759173	
0.50000	-0.974324	23.827027	0.062226
-1.926418	-0.533161	167.011547	
0.75000	-0.974324	23.827027	0.062226
-1.926418	-0.610849	137.263921	
1.00000	-0.974324	23.827027	0.062226
-1.926418	-0.688536	107.516294	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.974324	-23.827027	-0.062226
1.926418	0.377786	-226.506799	
0.25000	0.974324	-23.827027	-0.062226
1.926418	0.455473	-196.759173	
0.50000	0.974324	-23.827027	-0.062226
1.926418	0.533161	-167.011547	
0.75000	0.974324	-23.827027	-0.062226
1.926418	0.610849	-137.263921	
1.00000	0.974324	-23.827027	-0.062226
1.926418	0.688536	-107.516294	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.974324	23.827027	0.066588
3.192972	0.377786	226.506799	
0.25000	0.974324	23.827027	0.066588
3.192972	0.455473	196.759173	
0.50000	0.974324	23.827027	0.066588
3.192972	0.533161	167.011547	
0.75000	0.974324	23.827027	0.066588
3.192972	0.610849	137.263921	
1.00000	0.974324	23.827027	0.066588
3.192972	0.688536	107.516294	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.974324	-23.827027	-0.069919
-1.926418	-0.377786	-226.506799	
0.25000	-0.974324	-23.827027	-0.069919
-1.926418	-0.455473	-196.759173	
0.50000	-0.974324	-23.827027	-0.069919
-1.926418	-0.533161	-167.011547	
0.75000	-0.974324	-23.827027	-0.069919
-1.926418	-0.610849	-137.263921	
1.00000	-0.974324	-23.827027	-0.069919
-1.926418	-0.688536	-107.516294	

ELEM 66 ========== LENGTH = 4.494779

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075355	2.646553	-0.003757
-0.545515	-0.028484	11.895304	
0.25000	-0.075355	2.646553	-0.003757
-0.545515	-0.024262	8.921387	
0.50000	-0.075355	2.646553	-0.003757
-0.545515	-0.020040	5.947469	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.075355	2.646553	-0.003757
-0.545515	-0.015818	2.973552	
1.00000	-0.075355	2.646553	-0.003757
-0.545515	-0.011596	-0.000366	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.416258	-14.640711	-0.000454
2.802005	0.063822	-65.803793	
0.25000	0.416258	-14.640711	-0.000454
2.802005	0.064333	-49.352102	
0.50000	0.416258	-14.640711	-0.000454
2.802005	0.064843	-32.900412	
0.75000	0.416258	-14.640711	-0.000454
2.802005	0.065353	-16.448722	
1.00000	0.416258	-14.640711	-0.000454
2.802005	0.065864	0.002969	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.699566	21.285741	0.094687
-1.352146	-0.047097	95.646114	
0.25000	-0.699566	21.285741	0.094687
-1.352146	-0.153497	71.727439	
0.50000	-0.699566	21.285741	0.094687
-1.352146	-0.259896	47.808764	
0.75000	-0.699566	21.285741	0.094687
-1.352146	-0.366295	23.890089	
1.00000	-0.699566	21.285741	0.094687
-1.352146	-0.472694	-0.028586	

LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.358662	-9.291582	-0.090476
-0.904345	0.011759	-41.737625	
0.25000	0.358662	-9.291582	-0.090476
-0.904345	0.113426	-31.296723	
0.50000	0.358662	-9.291582	-0.090476
-0.904345	0.215093	-20.855821	
0.75000	0.358662	-9.291582	-0.090476
-0.904345	0.316760	-10.414919	
1.00000	0.358662	-9.291582	-0.090476
-0.904345	0.418427	0.025983	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.774921	23.932293	0.090930
-1.897660	-0.075581	107.541418	
0.25000	-0.774921	23.932293	0.090930
-1.897660	-0.177758	80.648826	
0.50000	-0.774921	23.932293	0.090930
-1.897660	-0.279936	53.756233	
0.75000	-0.774921	23.932293	0.090930
-1.897660	-0.382113	26.863641	
1.00000	-0.774921	23.932293	0.090930
-1.897660	-0.484290	-0.028951	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.774921	-23.932293	-0.090930
1.897660	0.075581	-107.541418	
0.25000	0.774921	-23.932293	-0.090930
1.897660	0.177758	-80.648826	
0.50000	0.774921	-23.932293	-0.090930
1.897660	0.279936	-53.756233	
0.75000	0.774921	-23.932293	-0.090930
1.897660	0.382113	-26.863641	
1.00000	0.774921	-23.932293	-0.090930
1.897660	0.484290	0.028951	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.774921	23.932293	0.094687
2.802005	0.075581	107.541418	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.774921	23.932293	0.094687
2.802005	0.177758	80.648826	
0.50000	0.774921	23.932293	0.094687
2.802005	0.279936	53.756233	
0.75000	0.774921	23.932293	0.094687
2.802005	0.382113	26.863641	
1.00000	0.774921	23.932293	0.094687
2.802005	0.484290	0.028951	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.774921	-23.932293	-0.090930
-1.897660	-0.075581	-107.541418	
0.25000	-0.774921	-23.932293	-0.090930
-1.897660	-0.177758	-80.648826	
0.50000	-0.774921	-23.932293	-0.090930
-1.897660	-0.279936	-53.756233	
0.75000	-0.774921	-23.932293	-0.090930
-1.897660	-0.382113	-26.863641	
1.00000	-0.774921	-23.932293	-0.090930
-1.897660	-0.484290	-0.028951	

ELEM 67 ========== LENGTH = 4.004997

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.042936	0.277465	-0.115541
3.46E-05	-0.245998	0.682171	
0.48408	-0.042936	0.277465	-0.115541
3.46E-05	-0.166419	0.491067	
0.65606	-0.042936	0.277465	-0.115541
3.46E-05	-0.086840	0.299962	
0.82803	-0.042936	0.277465	-0.115541
3.46E-05	-0.007262	0.108858	
1.00000	-0.042936	0.277465	-0.115541
3.46E-05	0.072317	-0.082246	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.079130	0.246538	0.146886
-7.31E-05	0.312946	0.805578	
0.48408	0.079130	0.246538	0.146886
-7.31E-05	0.211778	0.635775	
0.65606	0.079130	0.246538	0.146886
-7.31E-05	0.110611	0.465973	
0.82803	0.079130	0.246538	0.146886
-7.31E-05	0.009443	0.296170	
1.00000	0.079130	0.246538	0.146886
-7.31E-05	-0.091724	0.126367	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.045229	-0.665688	-0.039804
4.85E-05	-0.084976	-1.887629	
0.48408	-0.045229	-0.665688	-0.039804
4.85E-05	-0.057561	-1.429137	
0.65606	-0.045229	-0.665688	-0.039804
4.85E-05	-0.030146	-0.970645	
0.82803	-0.045229	-0.665688	-0.039804
4.85E-05	-0.002731	-0.512153	
1.00000	-0.045229	-0.665688	-0.039804
4.85E-05	0.024684	-0.053661	

LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.009035	0.141685	0.008459
-1.00E-05	0.018028	0.399881	
0.48408	0.009035	0.141685	0.008459
-1.00E-05	0.012202	0.302295	
0.65606	0.009035	0.141685	0.008459
-1.00E-05	0.006376	0.204710	
0.82803	0.009035	0.141685	0.008459
-1.00E-05	0.000550	0.107125	
1.00000	0.009035	0.141685	0.008459
-1.00E-05	-0.005276	0.009539	

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LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.088165	-0.388223	-0.155345
8.32E-05	-0.330974	-1.205458	
0.48408	-0.088165	-0.388223	-0.155345
8.32E-05	-0.223980	-0.938071	
0.65606	-0.088165	-0.388223	-0.155345
8.32E-05	-0.116987	-0.670683	
0.82803	-0.088165	-0.388223	-0.155345
8.32E-05	-0.009993	-0.403295	
1.00000	-0.088165	-0.388223	-0.155345
8.32E-05	-0.097000	-0.135907	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.176289	0.455139	0.156576
4.70E-05	0.098916	0.140961	
0.17197	0.176289	0.455139	0.156576
4.70E-05	0.008923	-0.172509	
0.34394	0.176289	0.455139	0.156576
4.70E-05	-0.081051	-0.485648	
0.51591	0.176289	0.455139	0.156576
4.70E-05	-0.170124	-0.798787	
0.68789	0.176289	0.455139	0.156576
4.70E-05	-0.259197	-1.111926	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.088165	-0.665688	-0.155345
-8.32E-05	-0.330974	-1.887629	
0.48408	-0.088165	-0.665688	-0.155345
-8.32E-05	-0.223980	-1.429137	
0.65606	-0.088165	-0.665688	-0.155345
-8.32E-05	-0.116987	-0.970645	
0.82803	-0.088165	-0.665688	-0.155345
-8.32E-05	-0.009993	-0.512153	
1.00000	-0.088165	-0.665688	-0.155345
-8.32E-05	-0.097000	-0.135907	

ELEM 68 ========== LENGTH = 4.004942

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.107276	0.251320	-0.116045
-5.31E-05	-0.073199	-0.085993	
0.17197	-0.107276	0.251320	-0.116045
-5.31E-05	0.006725	-0.259086	
0.34394	-0.107276	0.251320	-0.116045
-5.31E-05	0.086650	-0.432179	
0.51591	-0.107276	0.251320	-0.116045
-5.31E-05	0.166575	-0.605272	
0.68789	-0.107276	0.251320	-0.116045
-5.31E-05	0.246499	-0.778365	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.162278	0.306094	0.148036
4.85E-05	0.093521	0.131145	
0.17197	0.162278	0.306094	0.148036
4.85E-05	-0.008437	-0.079673	
0.34394	0.162278	0.306094	0.148036
4.85E-05	-0.110394	-0.290491	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.51591	0.162278	0.306094	0.148036
4.85E-05	-0.212352	-0.501309	
0.68789	0.162278	0.306094	0.148036
4.85E-05	-0.314309	-0.712127	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069013	-0.706459	-0.040530
6.13E-06	-0.025717	-0.054968	
0.17197	-0.069013	-0.706459	-0.040530
6.13E-06	0.002197	0.431595	
0.34394	-0.069013	-0.706459	-0.040530
6.13E-06	0.030112	0.918158	
0.51591	-0.069013	-0.706459	-0.040530
6.13E-06	0.058026	1.404722	
0.68789	-0.069013	-0.706459	-0.040530
6.13E-06	0.085941	1.891285	

LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014011	0.149045	0.008540
-1.52E-06	0.005395	0.009816	
0.17197	0.014011	0.149045	0.008540
-1.52E-06	-0.000486	-0.092836	
0.34394	0.014011	0.149045	0.008540
-1.52E-06	-0.006368	-0.195488	
0.51591	0.014011	0.149045	0.008540
-1.52E-06	-0.012249	-0.298141	
0.68789	0.014011	0.149045	0.008540
-1.52E-06	-0.018131	-0.400793	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176289	-0.455139	-0.156576
-4.70E-05	-0.098916	-0.140961	
0.17197	-0.176289	-0.455139	-0.156576
-4.70E-05	0.008923	0.172509	
0.34394	-0.176289	-0.455139	-0.156576
-4.70E-05	0.116762	0.485980	
0.51591	-0.176289	-0.455139	-0.156576
-4.70E-05	0.224601	0.799450	
0.68789	-0.176289	-0.455139	-0.156576
-4.70E-05	0.332440	1.112920	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.176289	0.455139	0.156576
4.70E-05	0.098916	0.140961	
0.17197	0.176289	0.455139	0.156576
4.70E-05	0.008923	-0.172509	
0.34394	0.176289	0.455139	0.156576
4.70E-05	-0.116762	-0.485980	
0.51591	0.176289	0.455139	0.156576
4.70E-05	-0.224601	-0.799450	
0.68789	0.176289	0.455139	0.156576
4.70E-05	-0.332440	-1.112920	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.176289	0.455139	0.156576

4.85E-05	0.098916	0.140961	
0.17197	0.176289	0.455139	0.156576
4.85E-05	0.008923	0.431595	
0.34394	0.176289	0.455139	0.156576
4.85E-05	0.116762	0.918158	
0.51591	0.176289	0.455139	0.156576
4.85E-05	0.224601	1.404722	
0.68789	0.176289	0.455139	0.156576
4.85E-05	0.332440	1.891285	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176289	-0.706459	-0.156576
-5.31E-05	-0.098916	-0.140961	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.17197	-0.176289	-0.706459	-0.156576
-5.31E-05	-0.008923	-0.259086	
0.34394	-0.176289	-0.706459	-0.156576
-5.31E-05	-0.116762	-0.485980	
0.51591	-0.176289	-0.706459	-0.156576
-5.31E-05	-0.224601	-0.799450	
0.68789	-0.176289	-0.706459	-0.156576
-5.31E-05	-0.332440	-1.112920	

ELEM 69 ========== LENGTH = 4.004358

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31216	-0.040125	0.068931	-0.144561
9.93E-06	-0.271699	0.154341	
0.48412	-0.040125	0.068931	-0.144561
9.93E-06	-0.172156	0.106876	
0.65608	-0.040125	0.068931	-0.144561
9.93E-06	-0.072613	0.059411	
0.82804	-0.040125	0.068931	-0.144561
9.93E-06	0.026929	0.011946	
1.00000	-0.040125	0.068931	-0.144561
9.93E-06	0.126472	-0.035519	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31216	0.054807	0.023988	0.183021
-2.14E-05	0.344153	0.127333	
0.48412	0.054807	0.023988	0.183021
-2.14E-05	0.218127	0.110815	
0.65608	0.054807	0.023988	0.183021
-2.14E-05	0.092100	0.094297	
0.82804	0.054807	0.023988	0.183021
-2.14E-05	-0.033926	0.077779	
1.00000	0.054807	0.023988	0.183021
-2.14E-05	-0.159952	0.061261	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31216	-0.018436	-0.119115	-0.048885
1.52E-05	-0.092065	-0.359277	
0.48412	-0.018436	-0.119115	-0.048885
1.52E-05	-0.058403	-0.277255	
0.65608	-0.018436	-0.119115	-0.048885
1.52E-05	-0.024741	-0.195234	
0.82804	-0.018436	-0.119115	-0.048885
1.52E-05	0.008921	-0.113213	
1.00000	-0.018436	-0.119115	-0.048885
1.52E-05	0.042583	-0.031192	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31216	0.003754	0.026196	0.010425
-3.68E-06	0.019611	0.077603	
0.48412	0.003754	0.026196	0.010425
-3.68E-06	0.012433	0.059565	
0.65608	0.003754	0.026196	0.010425
-3.68E-06	0.005254	0.041527	
0.82804	0.003754	0.026196	0.010425
-3.68E-06	-0.001925	0.023489	
1.00000	0.003754	0.026196	0.010425
-3.68E-06	-0.009104	0.005450	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31216	-0.058561	-0.050184	-0.193446
2.51E-05	-0.363764	-0.204936	
0.48412	-0.058561	-0.050184	-0.193446
2.51E-05	-0.230559	-0.170379	
0.65608	-0.058561	-0.050184	-0.193446
2.51E-05	-0.097354	-0.135823	
0.82804	-0.058561	-0.050184	-0.193446
2.51E-05	0.035851	-0.101267	
1.00000	-0.058561	-0.050184	-0.193446
2.51E-05	0.169056	-0.066711	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31216	0.058561	0.050184	0.193446
-2.51E-05	0.363764	0.204936	
0.48412	0.058561	0.050184	0.193446
-2.51E-05	0.230559	0.170379	
0.65608	0.058561	0.050184	0.193446
-2.51E-05	0.097354	0.135823	
0.82804	0.058561	0.050184	0.193446
-2.51E-05	-0.035851	0.101267	
1.00000	0.058561	0.050184	0.193446
-2.51E-05	-0.169056	0.066711	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31216	0.058561	0.068931	0.193446
2.51E-05	0.363764	0.204936	
0.48412	0.058561	0.068931	0.193446
2.51E-05	0.230559	0.170379	
0.65608	0.058561	0.068931	0.193446
2.51E-05	0.097354	0.135823	
0.82804	0.058561	0.068931	0.193446
2.51E-05	0.035851	0.101267	
1.00000	0.058561	0.068931	0.193446
2.51E-05	0.169056	0.066711	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31216	-0.058561	-0.119115	-0.193446
-2.51E-05	-0.363764	-0.359277	
0.48412	-0.058561	-0.119115	-0.193446
-2.51E-05	-0.230559	-0.277255	
0.65608	-0.058561	-0.119115	-0.193446
-2.51E-05	-0.097354	-0.195234	
0.82804	-0.058561	-0.119115	-0.193446
-2.51E-05	-0.035851	-0.113213	
1.00000	-0.058561	-0.119115	-0.193446
-2.51E-05	-0.169056	-0.066711	

ELEM 70 ========== LENGTH = 4.005356

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025049	0.044333	-0.144627
-2.49E-05	-0.126868	-0.042412	
0.17198	-0.025049	0.044333	-0.144627
-2.49E-05	-0.027244	-0.072950	
0.34396	-0.025049	0.044333	-0.144627
-2.49E-05	0.072381	-0.103489	
0.51594	-0.025049	0.044333	-0.144627
-2.49E-05	0.172006	-0.134027	
0.68792	-0.025049	0.044333	-0.144627
-2.49E-05	0.271631	-0.164566	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.036164	0.079215	0.183410
3.94E-06	0.160855	0.070356	
0.17198	0.036164	0.079215	0.183410
3.94E-06	0.034515	0.015790	
0.34396	0.036164	0.079215	0.183410
3.94E-06	-0.091824	-0.038776	
0.51594	0.036164	0.079215	0.183410
3.94E-06	-0.218164	-0.093342	
0.68792	0.036164	0.079215	0.183410
3.94E-06	-0.344503	-0.147908	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013878	-0.156498	-0.049211
2.60E-05	-0.043113	-0.033967	
0.17198	-0.013878	-0.156498	-0.049211
2.60E-05	-0.009215	0.073835	
0.34396	-0.013878	-0.156498	-0.049211
2.60E-05	0.024684	0.181636	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.51594	-0.013878	-0.156498	-0.049211
2.60E-05	0.058583	0.289438	
0.68792	-0.013878	-0.156498	-0.049211
2.60E-05	0.092481	0.397240	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002763	0.032950	0.010429
-5.04E-06	0.009127	0.006023	
0.17198	0.002763	0.032950	0.010429
-5.04E-06	0.001943	-0.016674	
0.34396	0.002763	0.032950	0.010429
-5.04E-06	-0.005241	-0.039371	
0.51594	0.002763	0.032950	0.010429
-5.04E-06	-0.012425	-0.062068	
0.68792	0.002763	0.032950	0.010429
-5.04E-06	-0.019609	-0.084765	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038927	-0.112164	-0.193839
1.10E-06	-0.169982	-0.076379	
0.17198	-0.038927	-0.112164	-0.193839
1.10E-06	-0.036458	0.000884	
0.34396	-0.038927	-0.112164	-0.193839
1.10E-06	0.097065	0.078147	
0.51594	-0.038927	-0.112164	-0.193839
1.10E-06	0.230589	0.155411	
0.68792	-0.038927	-0.112164	-0.193839
1.10E-06	0.364113	0.232674	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038927	0.112164	0.193839
-1.10E-06	0.169982	0.076379	
0.17198	0.038927	0.112164	0.193839
-1.10E-06	0.036458	-0.000884	
0.34396	0.038927	0.112164	0.193839
-1.10E-06	-0.097065	-0.078147	
0.51594	0.038927	0.112164	0.193839
-1.10E-06	-0.230589	-0.155411	
0.68792	0.038927	0.112164	0.193839
-1.10E-06	-0.364113	-0.232674	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038927	0.112164	0.193839
2.60E-05	0.169982	0.076379	
0.17198	0.038927	0.112164	0.193839
2.60E-05	0.036458	0.073835	
0.34396	0.038927	0.112164	0.193839
2.60E-05	0.097065	0.181636	
0.51594	0.038927	0.112164	0.193839
2.60E-05	0.230589	0.289438	
0.68792	0.038927	0.112164	0.193839
2.60E-05	0.364113	0.397240	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038927	-0.156498	-0.193839
-2.49E-05	-0.169982	-0.076379	
0.17198	-0.038927	-0.156498	-0.193839
-2.49E-05	-0.036458	-0.072950	
0.34396	-0.038927	-0.156498	-0.193839
-2.49E-05	-0.097065	-0.103489	
0.51594	-0.038927	-0.156498	-0.193839
-2.49E-05	-0.230589	-0.155411	
0.68792	-0.038927	-0.156498	-0.193839
-2.49E-05	-0.364113	-0.232674	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 71 ========== LENGTH = 4.004657

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-0.008150	0.002699	-0.137334
2.14E-05	-0.262251	0.036573	
0.48410	-0.008150	0.002699	-0.137334
2.14E-05	-0.167674	0.034714	
0.65607	-0.008150	0.002699	-0.137334
2.14E-05	-0.073097	0.032855	
0.82803	-0.008150	0.002699	-0.137334
2.14E-05	0.021481	0.030996	
1.00000	-0.008150	0.002699	-0.137334
2.14E-05	0.116058	0.029137	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31214	0.008079	0.068750	0.171084
-4.37E-05	0.326784	0.110409	
0.48410	0.008079	0.068750	0.171084
-4.37E-05	0.208965	0.063063	
0.65607	0.008079	0.068750	0.171084
-4.37E-05	0.091146	0.015717	
0.82803	0.008079	0.068750	0.171084
-4.37E-05	-0.026674	-0.031629	
1.00000	0.008079	0.068750	0.171084
-4.37E-05	-0.144493	-0.078974	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31214	0.000191	-0.089918	-0.043087
2.83E-05	-0.082363	-0.186506	
0.48410	0.000191	-0.089918	-0.043087
2.83E-05	-0.052690	-0.124583	
0.65607	0.000191	-0.089918	-0.043087
2.83E-05	-0.023018	-0.062660	
0.82803	0.000191	-0.089918	-0.043087
2.83E-05	0.006655	-0.000737	
1.00000	0.000191	-0.089918	-0.043087
2.83E-05	0.036328	0.061187	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-0.000119	0.018469	0.009338
-6.01E-06	0.017830	0.039525	
0.48410	-0.000119	0.018469	0.009338
-6.01E-06	0.011399	0.026807	
0.65607	-0.000119	0.018469	0.009338
-6.01E-06	0.004969	0.014088	
0.82803	-0.000119	0.018469	0.009338
-6.01E-06	-0.001462	0.001369	
1.00000	-0.000119	0.018469	0.009338
-6.01E-06	-0.007893	-0.011349	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-0.007959	-0.087219	-0.180422
4.97E-05	-0.344614	-0.149934	
0.48410	-0.007959	-0.087219	-0.180422
4.97E-05	-0.220364	-0.089870	
0.65607	-0.007959	-0.087219	-0.180422
4.97E-05	-0.096114	-0.029805	
0.82803	-0.007959	-0.087219	-0.180422
4.97E-05	0.028136	0.030259	
1.00000	-0.007959	-0.087219	-0.180422
4.97E-05	0.152386	0.090324	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31214	0.007959	0.087219	0.180422
-4.97E-05	0.344614	0.149934	
0.48410	0.007959	0.087219	0.180422
-4.97E-05	0.220364	0.089870	
0.65607	0.007959	0.087219	0.180422
-4.97E-05	0.096114	0.029805	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.82803	0.007959	0.087219	0.180422
-4.97E-05	-0.028136	-0.030259	
1.00000	0.007959	0.087219	0.180422
-4.97E-05	-0.152386	-0.090324	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31214	0.008079	0.087219	0.180422
4.97E-05	0.344614	0.149934	
0.48410	0.008079	0.087219	0.180422
4.97E-05	0.220364	0.089870	
0.65607	0.008079	0.087219	0.180422
4.97E-05	0.096114	0.032855	
0.82803	0.008079	0.087219	0.180422
4.97E-05	0.028136	0.030996	
1.00000	0.008079	0.087219	0.180422
4.97E-05	0.152386	0.090324	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31214	-0.008150	-0.089918	-0.180422
-4.97E-05	-0.344614	-0.186506	
0.48410	-0.008150	-0.089918	-0.180422
-4.97E-05	-0.220364	-0.124583	
0.65607	-0.008150	-0.089918	-0.180422
-4.97E-05	-0.096114	-0.062660	
0.82803	-0.008150	-0.089918	-0.180422
-4.97E-05	-0.028136	-0.031629	
1.00000	-0.008150	-0.089918	-0.180422
-4.97E-05	-0.152386	-0.090324	

ELEM 72 ========== LENGTH = 4.005702

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005076	0.054241	-0.137162
-3.73E-05	-0.116150	0.021964	
0.17199	-0.005076	0.054241	-0.137162
-3.73E-05	-0.021656	-0.015404	
0.34397	-0.005076	0.054241	-0.137162
-3.73E-05	0.072838	-0.052772	
0.51596	-0.005076	0.054241	-0.137162
-3.73E-05	0.167333	-0.090140	
0.68794	-0.005076	0.054241	-0.137162
-3.73E-05	0.261827	-0.127508	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000428	-0.047803	0.170969
3.38E-05	0.144745	-0.068828	
0.17199	0.000428	-0.047803	0.170969
3.38E-05	0.026960	-0.035895	
0.34397	0.000428	-0.047803	0.170969
3.38E-05	-0.090825	-0.002962	
0.51596	0.000428	-0.047803	0.170969
3.38E-05	-0.208609	0.029971	
0.68794	0.000428	-0.047803	0.170969
3.38E-05	-0.326394	0.062904	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005766	-0.010572	-0.043084
4.70E-06	-0.036426	0.057477	
0.17199	0.005766	-0.010572	-0.043084
4.70E-06	-0.006745	0.064760	
0.34397	0.005766	-0.010572	-0.043084
4.70E-06	0.022937	0.072044	
0.51596	0.005766	-0.010572	-0.043084
4.70E-06	0.052619	0.079327	
0.68794	0.005766	-0.010572	-0.043084
4.70E-06	0.082300	0.086611	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001117	0.004135	0.009277
-1.14E-06	0.007831	-0.010613	
0.17199	-0.001117	0.004135	0.009277
-1.14E-06	0.001440	-0.013461	
0.34397	-0.001117	0.004135	0.009277
-1.14E-06	-0.004951	-0.016310	
0.51596	-0.001117	0.004135	0.009277
-1.14E-06	-0.011342	-0.019158	
0.68794	-0.001117	0.004135	0.009277
-1.14E-06	-0.017733	-0.022007	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000689	0.043669	-0.180245
-3.26E-05	-0.152576	0.079441	
0.17199	0.000689	0.043669	-0.180245
-3.26E-05	0.028400	0.049356	
0.34397	0.000689	0.043669	-0.180245
-3.26E-05	0.095775	0.019272	
0.51596	0.000689	0.043669	-0.180245
-3.26E-05	0.219951	-0.010813	
0.68794	0.000689	0.043669	-0.180245
-3.26E-05	0.344127	-0.040897	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000689	-0.043669	0.180245
3.26E-05	0.152576	-0.079441	
0.17199	-0.000689	-0.043669	0.180245
3.26E-05	0.028400	-0.049356	
0.34397	-0.000689	-0.043669	0.180245
3.26E-05	-0.095775	-0.019272	
0.51596	-0.000689	-0.043669	0.180245
3.26E-05	-0.219951	0.010813	
0.68794	-0.000689	-0.043669	0.180245
3.26E-05	-0.344127	0.040897	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005766	0.054241	0.180245
3.38E-05	0.152576	0.079441	
0.17199	0.005766	0.054241	0.180245
3.38E-05	0.028400	0.064760	
0.34397	0.005766	0.054241	0.180245
3.38E-05	0.095775	0.072044	
0.51596	0.005766	0.054241	0.180245
3.38E-05	0.219951	0.079327	
0.68794	0.005766	0.054241	0.180245
3.38E-05	0.344127	0.086611	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005076	-0.047803	-0.180245
-3.73E-05	-0.152576	-0.079441	
0.17199	-0.005076	-0.047803	-0.180245
-3.73E-05	-0.028400	-0.049356	
0.34397	-0.005076	-0.047803	-0.180245
-3.73E-05	-0.095775	-0.052772	
0.51596	-0.005076	-0.047803	-0.180245
-3.73E-05	-0.219951	-0.090140	
0.68794	-0.005076	-0.047803	-0.180245
-3.73E-05	-0.344127	-0.127508	

ELEM 73 ========== LENGTH = 4.005049

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.001342	0.024281	-0.133583
1.70E-05	-0.254852	0.044353	
0.48408	0.001342	0.024281	-0.133583
1.70E-05	-0.162845	0.027629	
0.65605	0.001342	0.024281	-0.133583
1.70E-05	-0.070838	0.010905	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3

T	M2	M3	
0.82803	0.001342	0.024281	-0.133583
1.70E-05	0.021168	-0.005818	
1.00000	0.001342	0.024281	-0.133583
1.70E-05	0.113175	-0.022542	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.003737	-0.025183	0.162375
-3.18E-05	0.309789	-0.027505	
0.48408	-0.003737	-0.025183	0.162375
-3.18E-05	0.197951	-0.010160	
0.65605	-0.003737	-0.025183	0.162375
-3.18E-05	0.086113	0.007186	
0.82803	-0.003737	-0.025183	0.162375
-3.18E-05	-0.025725	0.024531	
1.00000	-0.003737	-0.025183	0.162375
-3.18E-05	-0.137563	0.041876	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.003043	2.42E-05	-0.037053
1.91E-05	-0.070677	-0.023014	
0.48408	0.003043	2.42E-05	-0.037053
1.91E-05	-0.045157	-0.023031	
0.65605	0.003043	2.42E-05	-0.037053
1.91E-05	-0.019636	-0.023047	
0.82803	0.003043	2.42E-05	-0.037053
1.91E-05	0.005884	-0.023064	
1.00000	0.003043	2.42E-05	-0.037053
1.91E-05	0.031405	-0.023081	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.000648	0.000878	0.008260
-4.31E-06	0.015740	0.006166	
0.48408	-0.000648	0.000878	0.008260
-4.31E-06	0.010051	0.005561	
0.65605	-0.000648	0.000878	0.008260
-4.31E-06	0.004361	0.004956	
0.82803	-0.000648	0.000878	0.008260
-4.31E-06	-0.001328	0.004351	
1.00000	-0.000648	0.000878	0.008260
-4.31E-06	-0.007017	0.003746	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.004385	0.024305	-0.170636
3.61E-05	-0.325529	0.021339	
0.48408	0.004385	0.024305	-0.170636
3.61E-05	-0.208002	0.004599	
0.65605	0.004385	0.024305	-0.170636
3.61E-05	-0.090474	-0.012142	
0.82803	0.004385	0.024305	-0.170636
3.61E-05	0.027053	-0.028882	
1.00000	0.004385	0.024305	-0.170636
3.61E-05	0.144580	-0.045623	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.004385	-0.024305	0.170636
-3.61E-05	0.325529	-0.021339	
0.48408	-0.004385	-0.024305	0.170636
-3.61E-05	0.208002	-0.004599	
0.65605	-0.004385	-0.024305	0.170636
-3.61E-05	0.090474	0.012142	
0.82803	-0.004385	-0.024305	0.170636
-3.61E-05	-0.027053	0.028882	
1.00000	-0.004385	-0.024305	0.170636
-3.61E-05	-0.144580	0.045623	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.004385	0.024305	0.170636
3.61E-05	0.325529	0.044353	

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REL DIST	P	V2	V3
T	M2	M3	
0.48408	0.004385	0.024305	0.170636
3.61E-05	0.208002	0.027629	
0.65605	0.004385	0.024305	0.170636
3.61E-05	0.090474	0.012142	
0.82803	0.004385	0.024305	0.170636
3.61E-05	0.027053	0.028882	
1.00000	0.004385	0.024305	0.170636
3.61E-05	0.144580	0.045623	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.004385	-0.025183	-0.170636
-3.61E-05	-0.325529	-0.027505	
0.48408	-0.004385	-0.025183	-0.170636
-3.61E-05	-0.208002	-0.023031	
0.65605	-0.004385	-0.025183	-0.170636
-3.61E-05	-0.090474	-0.023047	
0.82803	-0.004385	-0.025183	-0.170636
-3.61E-05	-0.027053	-0.028882	
1.00000	-0.004385	-0.025183	-0.170636
-3.61E-05	-0.144580	-0.045623	

ELEM 74 ========== LENGTH = 4.005049

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001592	-0.001792	-0.133391
-3.56E-05	-0.113151	-0.029631	
0.17197	0.001592	-0.001792	-0.133391
-3.56E-05	-0.021276	-0.028397	
0.34395	0.001592	-0.001792	-0.133391
-3.56E-05	0.070599	-0.027163	
0.51592	0.001592	-0.001792	-0.133391
-3.56E-05	0.162473	-0.025929	
0.68789	0.001592	-0.001792	-0.133391
-3.56E-05	0.254348	-0.024695	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004265	0.033863	0.162028
3.19E-05	0.137381	0.051808	
0.17197	-0.004265	0.033863	0.162028
3.19E-05	0.025782	0.028485	
0.34395	-0.004265	0.033863	0.162028
3.19E-05	-0.085817	0.005161	
0.51592	-0.004265	0.033863	0.162028
3.19E-05	-0.197416	-0.018163	
0.68789	-0.004265	0.033863	0.162028
3.19E-05	-0.309015	-0.041487	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003381	-0.040217	-0.036786
4.82E-06	-0.031111	-0.026632	
0.17197	0.003381	-0.040217	-0.036786
4.82E-06	-0.005774	0.001067	
0.34395	0.003381	-0.040217	-0.036786
4.82E-06	0.019563	0.028767	
0.51592	0.003381	-0.040217	-0.036786
4.82E-06	0.044899	0.056467	
0.68789	0.003381	-0.040217	-0.036786
4.82E-06	0.070236	0.084167	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000708	0.008145	0.008149
-1.12E-06	0.006880	0.004455	
0.17197	-0.000708	0.008145	0.008149
-1.12E-06	0.001267	-0.001155	
0.34395	-0.000708	0.008145	0.008149
-1.12E-06	-0.004345	-0.006765	
0.51592	-0.000708	0.008145	0.008149
-1.12E-06	-0.009957	-0.012375	
0.68789	-0.000708	0.008145	0.008149
-1.12E-06	-0.015570	-0.017985	

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LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004973	-0.042008	-0.170177
-3.08E-05	-0.144261	-0.056263	
0.17197	0.004973	-0.042008	-0.170177
-3.08E-05	-0.027050	-0.027330	
0.34395	0.004973	-0.042008	-0.170177
-3.08E-05	0.090161	0.001604	
0.51592	0.004973	-0.042008	-0.170177
-3.08E-05	0.207373	0.030538	
0.68789	0.004973	-0.042008	-0.170177
-3.08E-05	0.324584	0.059472	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004973	0.042008	0.170177
3.08E-05	0.144261	0.056263	
0.17197	-0.004973	0.042008	0.170177
3.08E-05	0.027050	0.027330	
0.34395	-0.004973	0.042008	0.170177
3.08E-05	-0.090161	-0.001604	
0.51592	-0.004973	0.042008	0.170177
3.08E-05	-0.207373	-0.030538	
0.68789	-0.004973	0.042008	0.170177
3.08E-05	-0.324584	-0.059472	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004973	0.042008	0.170177
3.19E-05	0.144261	0.056263	
0.17197	0.004973	0.042008	0.170177
3.19E-05	0.027050	0.028485	
0.34395	0.004973	0.042008	0.170177
3.19E-05	0.090161	0.028767	
0.51592	0.004973	0.042008	0.170177
3.19E-05	0.207373	0.056467	
0.68789	0.004973	0.042008	0.170177
3.19E-05	0.324584	0.084167	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004973	-0.042008	-0.170177
-3.56E-05	-0.144261	-0.056263	
0.17197	-0.004973	-0.042008	-0.170177
-3.56E-05	-0.027050	-0.028397	
0.34395	-0.004973	-0.042008	-0.170177
-3.56E-05	-0.090161	-0.027163	
0.51592	-0.004973	-0.042008	-0.170177
-3.56E-05	-0.207373	-0.030538	
0.68789	-0.004973	-0.042008	-0.170177
-3.56E-05	-0.324584	-0.059472	

ELEM 75 ========== LENGTH = 4.005442

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31208	0.002238	-0.012965	-0.128730
1.42E-05	-0.245680	-0.036537	
0.48406	0.002238	-0.012965	-0.128730
1.42E-05	-0.157004	-0.027606	
0.65604	0.002238	-0.012965	-0.128730
1.42E-05	-0.068327	-0.018675	
0.82802	0.002238	-0.012965	-0.128730
1.42E-05	0.020350	-0.009743	
1.00000	0.002238	-0.012965	-0.128730
1.42E-05	0.109026	-0.000812	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-0.001682	0.016760	0.151432
-2.42E-05	0.289033	0.041525	
0.48406	-0.001682	0.016760	0.151432
-2.42E-05	0.184718	0.029980	
0.65604	-0.001682	0.016760	0.151432
-2.42E-05	0.080402	0.018435	

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REL DIST	P	V2	V3
T	M2	M3	
0.82802	-0.001682	0.016760	0.151432
-2.42E-05	-0.023913	0.006890	
1.00000	-0.001682	0.016760	0.151432
-2.42E-05	-0.128229	-0.004655	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-0.000796	-0.003313	-0.029635
1.32E-05	-0.056568	-0.001761	
0.48406	-0.000796	-0.003313	-0.029635
1.32E-05	-0.036153	0.000521	
0.65604	-0.000796	-0.003313	-0.029635
1.32E-05	-0.015739	0.002803	
0.82802	-0.000796	-0.003313	-0.029635
1.32E-05	0.004676	0.005085	
1.00000	-0.000796	-0.003313	-0.029635
1.32E-05	0.025091	0.007367	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31208	0.000240	-0.000481	0.006933
-3.23E-06	0.013215	-0.003226	
0.48406	0.000240	-0.000481	0.006933
-3.23E-06	0.008439	-0.002895	
0.65604	0.000240	-0.000481	0.006933
-3.23E-06	0.003663	-0.002563	
0.82802	0.000240	-0.000481	0.006933
-3.23E-06	-0.001113	-0.002231	
1.00000	0.000240	-0.000481	0.006933
-3.23E-06	-0.005888	-0.001900	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31208	0.001442	-0.016278	-0.158365
2.74E-05	-0.302248	-0.038299	
0.48406	0.001442	-0.016278	-0.158365
2.74E-05	-0.193157	-0.027085	
0.65604	0.001442	-0.016278	-0.158365
2.74E-05	-0.084066	-0.015872	
0.82802	0.001442	-0.016278	-0.158365
2.74E-05	0.025026	-0.004658	
1.00000	0.001442	-0.016278	-0.158365
2.74E-05	0.134117	0.006555	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-0.001442	0.016278	0.158365
-2.74E-05	0.302248	0.038299	
0.48406	-0.001442	0.016278	0.158365
-2.74E-05	0.193157	0.027085	
0.65604	-0.001442	0.016278	0.158365
-2.74E-05	0.084066	0.015872	
0.82802	-0.001442	0.016278	0.158365
-2.74E-05	-0.025026	0.004658	
1.00000	-0.001442	0.016278	0.158365
-2.74E-05	-0.134117	-0.006555	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31208	0.002238	0.016760	0.158365
2.74E-05	0.302248	0.041525	
0.48406	0.002238	0.016760	0.158365
2.74E-05	0.193157	0.029980	
0.65604	0.002238	0.016760	0.158365
2.74E-05	0.084066	0.018435	
0.82802	0.002238	0.016760	0.158365
2.74E-05	0.025026	0.006890	
1.00000	0.002238	0.016760	0.158365
2.74E-05	0.134117	0.007367	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31208	-0.001682	-0.016278	-0.158365
-2.74E-05	-0.302248	-0.038299	

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REL DIST	P	V2	V3
T	M2	M3	
0.48406	-0.001682	-0.016278	-0.158365
-2.74E-05	-0.193157	-0.027606	
0.65604	-0.001682	-0.016278	-0.158365
-2.74E-05	-0.084066	-0.018675	
0.82802	-0.001682	-0.016278	-0.158365
-2.74E-05	-0.025026	-0.009743	
1.00000	-0.001682	-0.016278	-0.158365
-2.74E-05	-0.134117	-0.006555	

ELEM 76 ========== LENGTH = 4.004486

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004037	-0.013187	-0.128599
-3.67E-05	-0.108995	-0.008108	
0.17196	0.004037	-0.013187	-0.128599
-3.67E-05	-0.020440	0.000973	
0.34393	0.004037	-0.013187	-0.128599
-3.67E-05	0.068116	0.010054	
0.51589	0.004037	-0.013187	-0.128599
-3.67E-05	0.156672	0.019136	
0.68785	0.004037	-0.013187	-0.128599
-3.67E-05	0.245228	0.028217	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005830	0.017289	0.151034
3.56E-05	0.127859	0.005746	
0.17196	-0.005830	0.017289	0.151034
3.56E-05	0.023854	-0.006160	
0.34393	-0.005830	0.017289	0.151034
3.56E-05	-0.080151	-0.018065	
0.51589	-0.005830	0.017289	0.151034
3.56E-05	-0.184157	-0.029971	
0.68785	-0.005830	0.017289	0.151034
3.56E-05	-0.288162	-0.041877	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002067	-0.003686	-0.029227
1.67E-06	-0.024567	0.003494	
0.17196	0.002067	-0.003686	-0.029227
1.67E-06	-0.004440	0.006032	
0.34393	0.002067	-0.003686	-0.029227
1.67E-06	0.015686	0.008570	
0.51589	0.002067	-0.003686	-0.029227
1.67E-06	0.035812	0.011108	
0.68785	0.002067	-0.003686	-0.029227
1.67E-06	0.055938	0.013646	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000273	-0.000416	0.006791
-5.44E-07	0.005703	-0.001133	
0.17196	-0.000273	-0.000416	0.006791
-5.44E-07	0.001026	-0.000846	
0.34393	-0.000273	-0.000416	0.006791
-5.44E-07	-0.003651	-0.000559	
0.51589	-0.000273	-0.000416	0.006791
-5.44E-07	-0.008327	-0.000273	
0.68785	-0.000273	-0.000416	0.006791
-5.44E-07	-0.013004	1.43E-05	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006104	-0.016873	-0.157825
-3.50E-05	-0.133562	-0.004614	
0.17196	0.006104	-0.016873	-0.157825
-3.50E-05	-0.024880	0.007006	
0.34393	0.006104	-0.016873	-0.157825
-3.50E-05	0.083802	0.018625	
0.51589	0.006104	-0.016873	-0.157825
-3.50E-05	0.192484	0.030244	
0.68785	0.006104	-0.016873	-0.157825
-3.50E-05	0.301166	0.041863	

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LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006104	0.016873	0.157825
3.50E-05	0.133562	0.004614	
0.17196	-0.006104	0.016873	0.157825
3.50E-05	0.024880	-0.007006	
0.34393	-0.006104	0.016873	0.157825
3.50E-05	-0.083802	-0.018625	
0.51589	-0.006104	0.016873	0.157825
3.50E-05	-0.192484	-0.030244	
0.68785	-0.006104	0.016873	0.157825
3.50E-05	-0.301166	-0.041863	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006104	0.017289	0.157825
3.56E-05	0.133562	0.005746	
0.17196	0.006104	0.017289	0.157825
3.56E-05	0.024880	0.007006	
0.34393	0.006104	0.017289	0.157825
3.56E-05	0.083802	0.018625	
0.51589	0.006104	0.017289	0.157825
3.56E-05	0.192484	0.030244	
0.68785	0.006104	0.017289	0.157825
3.56E-05	0.301166	0.041863	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006104	-0.016873	-0.157825
-3.67E-05	-0.133562	-0.008108	
0.17196	-0.006104	-0.016873	-0.157825
-3.67E-05	-0.024880	-0.007006	
0.34393	-0.006104	-0.016873	-0.157825
-3.67E-05	-0.083802	-0.018625	
0.51589	-0.006104	-0.016873	-0.157825
-3.67E-05	-0.192484	-0.030244	
0.68785	-0.006104	-0.016873	-0.157825
-3.67E-05	-0.301166	-0.041877	

ELEM 77 ========== LENGTH = 4.004924

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31212	-0.002684	-0.040975	-0.122675
1.01E-05	-0.234010	-0.109872	
0.48409	-0.002684	-0.040975	-0.122675
1.01E-05	-0.149520	-0.081651	
0.65606	-0.002684	-0.040975	-0.122675
1.01E-05	-0.065030	-0.053430	
0.82803	-0.002684	-0.040975	-0.122675
1.01E-05	0.019460	-0.025210	
1.00000	-0.002684	-0.040975	-0.122675
1.01E-05	0.103950	0.003011	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31212	0.003979	0.064441	0.137549
-1.42E-05	0.262366	0.166279	
0.48409	0.003979	0.064441	0.137549
-1.42E-05	0.167632	0.121897	
0.65606	0.003979	0.064441	0.137549
-1.42E-05	0.072898	0.077515	
0.82803	0.003979	0.064441	0.137549
-1.42E-05	-0.021836	0.033133	
1.00000	0.003979	0.064441	0.137549
-1.42E-05	-0.116570	-0.011250	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31212	-0.002261	-0.024076	-0.020103
6.07E-06	-0.038305	-0.055342	
0.48409	-0.002261	-0.024076	-0.020103
6.07E-06	-0.024459	-0.038760	
0.65606	-0.002261	-0.024076	-0.020103
6.07E-06	-0.010613	-0.022178	

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REL DIST	P	V2	V3
T	M2	M3	
0.82803	-0.002261	-0.024076	-0.020103
6.07E-06	0.003233	-0.005596	
1.00000	-0.002261	-0.024076	-0.020103
6.07E-06	0.017079	0.010986	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31212	0.000966	0.000611	0.005230
-1.96E-06	0.009949	-0.001065	
0.48409	0.000966	0.000611	0.005230
-1.96E-06	0.006347	-0.001486	
0.65606	0.000966	0.000611	0.005230
-1.96E-06	0.002745	-0.001906	

0.82803 0.000966 0.000611 0.005230
-1.96E-06 -0.000857 -0.002327
1.00000 0.000966 0.000611 0.005230
-1.96E-06 -0.004458 -0.002747

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.31212 -0.004945 -0.065051 -0.142778
1.62E-05 -0.272315 -0.165214
0.48409 -0.004945 -0.065051 -0.142778
1.62E-05 -0.173979 -0.120411
0.65606 -0.004945 -0.065051 -0.142778
1.62E-05 -0.075643 -0.075608
0.82803 -0.004945 -0.065051 -0.142778
1.62E-05 0.022693 -0.030806
1.00000 -0.004945 -0.065051 -0.142778
1.62E-05 0.121029 0.013997

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.31212 0.004945 0.065051 0.142778
-1.62E-05 0.272315 0.165214
0.48409 0.004945 0.065051 0.142778
-1.62E-05 0.173979 0.120411
0.65606 0.004945 0.065051 0.142778
-1.62E-05 0.075643 0.075608
0.82803 0.004945 0.065051 0.142778
-1.62E-05 -0.022693 0.030806
1.00000 0.004945 0.065051 0.142778
-1.62E-05 -0.121029 -0.013997

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31212 0.004945 0.065051 0.142778
1.62E-05 0.272315 0.166279
0.48409 0.004945 0.065051 0.142778
1.62E-05 0.173979 0.121897
0.65606 0.004945 0.065051 0.142778
1.62E-05 0.075643 0.077515
0.82803 0.004945 0.065051 0.142778
1.62E-05 0.022693 0.033133
1.00000 0.004945 0.065051 0.142778
1.62E-05 0.121029 0.013997

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31212 -0.004945 -0.065051 -0.142778
-1.62E-05 -0.272315 -0.165214
0.48409 -0.004945 -0.065051 -0.142778
-1.62E-05 -0.173979 -0.120411
0.65606 -0.004945 -0.065051 -0.142778
-1.62E-05 -0.075643 -0.075608
0.82803 -0.004945 -0.065051 -0.142778
-1.62E-05 -0.022693 -0.030806
1.00000 -0.004945 -0.065051 -0.142778
-1.62E-05 -0.121029 -0.013997
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ELEM 78 ========== LENGTH = 4.004963

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.000333 -0.040166 -0.122253
-3.83E-05 -0.103594 -0.004325
0.17197 -0.000333 -0.040166 -0.122253
-3.83E-05 -0.019393 0.023339
0.34394 -0.000333 -0.040166 -0.122253
-3.83E-05 0.064808 0.051003
0.51592 -0.000333 -0.040166 -0.122253
-3.83E-05 0.149008 0.078667
0.68789 -0.000333 -0.040166 -0.122253
-3.83E-05 0.233209 0.106331

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.001417 0.062599 0.136693
3.97E-05 0.115643 -0.000761
0.17197 -0.001417 0.062599 0.136693
3.97E-05 0.021497 -0.043875
0.34394 -0.001417 0.062599 0.136693
3.97E-05 -0.072649 -0.086989
0.51592 -0.001417 0.062599 0.136693
3.97E-05 -0.166795 -0.130103
0.68789 -0.001417 0.062599 0.136693
3.97E-05 -0.260941 -0.173217

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.001450 -0.022813 -0.019478
-1.48E-06 -0.016255 0.007055
0.17197 0.001450 -0.022813 -0.019478
-1.48E-06 -0.002839 0.022767
0.34394 0.001450 -0.022813 -0.019478
-1.48E-06 0.010576 0.038480
0.51592 0.001450 -0.022813 -0.019478
-1.48E-06 0.023992 0.054192
0.68789 0.001450 -0.022813 -0.019478
-1.48E-06 0.037407 0.069904

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.000300 0.000381 0.005039
1.68E-08 0.004206 -0.001969
0.17197 0.000300 0.000381 0.005039
1.68E-08 0.000736 -0.002232
0.34394 0.000300 0.000381 0.005039
1.68E-08 -0.002735 -0.002494
0.51592 0.000300 0.000381 0.005039
1.68E-08 -0.006205 -0.002756
0.68789 0.000300 0.000381 0.005039
1.68E-08 -0.009675 -0.003019

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.001117 -0.062979 -0.141732
-3.97E-05 -0.119849 0.002730
0.17197 0.001117 -0.062979 -0.141732
-3.97E-05 -0.022232 0.046106
0.34394 0.001117 -0.062979 -0.141732
-3.97E-05 0.075384 0.089483
0.51592 0.001117 -0.062979 -0.141732
-3.97E-05 0.173000 0.132859
0.68789 0.001117 -0.062979 -0.141732
-3.97E-05 0.270616 0.176236

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.001117 0.062979 0.141732
3.97E-05 0.119849 -0.002730
0.17197 -0.001117 0.062979 0.141732
3.97E-05 0.022232 -0.046106
0.34394 -0.001117 0.062979 0.141732
3.97E-05 0.075384 -0.089483
0.51592 -0.001117 0.062979 0.141732
3.97E-05 0.173000 -0.132859
0.68789 -0.001117 0.062979 0.141732
3.97E-05 0.270616 -0.176236
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REL_DIST P V2 V3
T M2 M3
0.51592 -0.001117 0.062979 0.141732
3.97E-05 -0.173000 -0.132859
0.68789 -0.001117 0.062979 0.141732
3.97E-05 -0.270616 -0.176236

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.001450 0.062979 0.141732
3.97E-05 0.119849 0.007055
0.17197 0.001450 0.062979 0.141732
3.97E-05 0.022232 0.046106
0.34394 0.001450 0.062979 0.141732
3.97E-05 0.075384 0.089483
0.51592 0.001450 0.062979 0.141732
3.97E-05 0.173000 0.132859
0.68789 0.001450 0.062979 0.141732
3.97E-05 0.270616 0.176236

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.001417 -0.062979 -0.141732
-3.97E-05 -0.119849 -0.004325
0.17197 -0.001417 -0.062979 -0.141732
-3.97E-05 -0.022232 -0.046106
0.34394 -0.001417 -0.062979 -0.141732
-3.97E-05 -0.075384 -0.089483
0.51592 -0.001417 -0.062979 -0.141732
-3.97E-05 -0.173000 -0.132859
0.68789 -0.001417 -0.062979 -0.141732
-3.97E-05 -0.270616 -0.176236

ELEM 79 ========== LENGTH = 4.005447

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.31208 0.002400 -0.073655 -0.114900
5.71E-06 -0.219262 -0.221074
0.48406 0.002400 -0.073655 -0.114900
5.71E-06 -0.140112 -0.170337
0.65604 0.002400 -0.073655 -0.114900
5.71E-06 -0.060962 -0.119599
0.82802 0.002400 -0.073655 -0.114900
5.71E-06 0.018188 -0.068861
1.00000 0.002400 -0.073655 -0.114900
5.71E-06 0.097338 -0.018123

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.31208 -0.005763 0.120630 0.120007
-4.09E-06 0.229005 0.370530
0.48406 -0.005763 0.120630 0.120007
-4.09E-06 0.146337 0.287433
0.65604 -0.005763 0.120630 0.120007
-4.09E-06 0.063669 0.204335
0.82802 -0.005763 0.120630 0.120007
-4.09E-06 -0.018999 0.121238
1.00000 -0.005763 0.120630 0.120007
-4.09E-06 -0.101667 0.038140

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.31208 0.002836 -0.046292 -0.008206
-9.17E-07 -0.015631 -0.150734
0.48406 0.002836 -0.046292 -0.008206
-9.17E-07 -0.009978 -0.118845
0.65604 0.002836 -0.046292 -0.008206
-9.17E-07 -0.004325 -0.086956
0.82802 0.002836 -0.046292 -0.008206
-9.17E-07 0.001328 -0.055067
1.00000 0.002836 -0.046292 -0.008206
-9.17E-07 0.006981 -0.023178
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LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.31208 0.000527 -0.000683 0.003099
-7.04E-07 0.005889 0.001278
0.48406 0.000527 -0.000683 0.003099
-7.04E-07 0.003753 0.001749
0.65604 0.000527 -0.000683 0.003099
-7.04E-07 0.001618 0.002219
0.82802 0.000527 -0.000683 0.003099
-7.04E-07 -0.000517 0.002690
1.00000 0.000527 -0.000683 0.003099
-7.04E-07 -0.002652 0.003160

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.31208 0.005236 -0.119947 -0.123106
4.80E-06 -0.234893 -0.371809
0.48406 0.005236 -0.119947 -0.123106
4.80E-06 -0.150090 -0.289182
0.65604 0.005236 -0.119947 -0.123106
4.80E-06 -0.065287 -0.206555
0.82802 0.005236 -0.119947 -0.123106
4.80E-06 0.019516 -0.123928
1.00000 0.005236 -0.119947 -0.123106
4.80E-06 0.104319 -0.041301

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.31208 -0.005236 0.119947 0.123106
-4.80E-06 0.234893 0.371809
0.48406 -0.005236 0.119947 0.123106
-4.80E-06 0.150090 0.289182
0.65604 -0.005236 0.119947 0.123106
-4.80E-06 0.065287 0.206555
0.82802 -0.005236 0.119947 0.123106
-4.80E-06 -0.019516 0.123928
1.00000 -0.005236 0.119947 0.123106
-4.80E-06 -0.104319 0.041301

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31208 0.005236 0.120630 0.123106
5.71E-06 0.234893 0.371809
0.48406 0.005236 0.120630 0.123106
5.71E-06 0.150090 0.289182
0.65604 0.005236 0.120630 0.123106
5.71E-06 0.065287 0.206555
0.82802 0.005236 0.120630 0.123106
5.71E-06 0.019516 0.123928
1.00000 0.005236 0.120630 0.123106
5.71E-06 0.104319 0.041301

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31208 -0.005763 -0.119947 -0.123106
-4.80E-06 -0.234893 -0.371809
0.48406 -0.005763 -0.119947 -0.123106
-4.80E-06 -0.150090 -0.289182
0.65604 -0.005763 -0.119947 -0.123106
-4.80E-06 -0.065287 -0.206555
0.82802 -0.005763 -0.119947 -0.123106
-4.80E-06 -0.019516 -0.123928
1.00000 -0.005763 -0.119947 -0.123106
-4.80E-06 -0.104319 -0.041301

ELEM 80 ========== LENGTH = 4.004449

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.003760 -0.106857 -0.114562
-4.11E-05 -0.096999 -0.025671
0.17196 0.003760 -0.106857 -0.114562
-4.11E-05 -0.018110 0.047912
0.34392 0.003760 -0.106857 -0.114562
-4.11E-05 0.060779 0.121495
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REL_DIST P V2 V3
T M2 M3
0.51589 0.003760 -0.106857 -0.114562
-4.11E-05 0.139668 0.195078
0.68785 0.003760 -0.106857 -0.114562
-4.11E-05 0.218557 0.268661

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.008830 0.195917 0.119108
4.63E-05 0.100555 0.049111
0.17196 -0.008830 0.195917 0.119108
4.63E-05 0.018536 -0.085800
0.34392 -0.008830 0.195917 0.119108
4.63E-05 -0.063483 -0.220711
0.51589 -0.008830 0.195917 0.119108
4.63E-05 -0.145501 -0.355622
0.68785 -0.008830 0.195917 0.119108
4.63E-05 -0.227520 -0.490533

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.004915 -0.097649 -0.007418
-6.00E-06 -0.005900 -0.027438
0.17196 0.004915 -0.097649 -0.007418
-6.00E-06 -0.000792 0.039804
0.34392 0.004915 -0.097649 -0.007418
-6.00E-06 0.004316 0.107046
0.51589 0.004915 -0.097649 -0.007418
-6.00E-06 0.009424 0.174288
0.68785 0.004915 -0.097649 -0.007418
-6.00E-06 0.014532 0.241530

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.000155 0.008588 0.002873
8.26E-07 0.002343 0.003999
0.17196 0.000155 0.008588 0.002873
8.26E-07 0.000365 -0.001916
0.34392 0.000155 0.008588 0.002873
8.26E-07 -0.001613 -0.007830
0.51589 0.000155 0.008588 0.002873
8.26E-07 -0.003591 -0.013744
0.68785 0.000155 0.008588 0.002873
8.26E-07 -0.005569 -0.019658

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.008675 -0.204506 -0.121980
-4.71E-05 -0.102898 -0.053110
0.17196 0.008675 -0.204506 -0.121980
-4.71E-05 -0.018901 0.087715
0.34392 0.008675 -0.204506 -0.121980
-4.71E-05 0.065096 0.228541
0.51589 0.008675 -0.204506 -0.121980
-4.71E-05 0.149093 0.369366
0.68785 0.008675 -0.204506 -0.121980
-4.71E-05 0.233090 0.510191

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.008675 0.204506 0.121980
4.71E-05 0.102898 0.053110
0.17196 -0.008675 0.204506 0.121980
4.71E-05 0.018901 0.087715
0.34392 -0.008675 0.204506 0.121980
4.71E-05 -0.065096 0.228541
0.51589 -0.008675 0.204506 0.121980
4.71E-05 -0.149093 0.369366
0.68785 -0.008675 0.204506 0.121980
4.71E-05 -0.233090 0.510191

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.008675 0.204506 0.121980
4.71E-05 0.102898 0.053110
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REL_DIST P V2 V3
T M2 M3
0.17196 0.008675 0.204506 0.121980
4.71E-05 0.018901 0.087715
0.34392 0.008675 0.204506 0.121980
4.71E-05 0.065096 0.228541
0.51589 0.008675 0.204506 0.121980
4.71E-05 0.149093 0.369366
0.68785 0.008675 0.204506 0.121980
4.71E-05 0.233090 0.510191

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.008830 -0.204506 -0.121980
-4.71E-05 -0.102898 -0.053110
0.17196 -0.008830 -0.204506 -0.121980
-4.71E-05 -0.018901 -0.087715
0.34392 -0.008830 -0.204506 -0.121980
-4.71E-05 -0.065096 -0.228541
0.51589 -0.008830 -0.204506 -0.121980
-4.71E-05 -0.149093 -0.369366
0.68785 -0.008830 -0.204506 -0.121980
-4.71E-05 -0.233090 -0.510191

ELEM 81 ========== LENGTH = 4.004982

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 0.007155 -0.176154 -0.104950
-1.90E-06 -0.200231 -0.467757
0.48408 0.007155 -0.176154 -0.104950
-1.90E-06 -0.127947 -0.346431
0.65606 0.007155 -0.176154 -0.104950
-1.90E-06 -0.055664 -0.225105
0.82803 0.007155 -0.176154 -0.104950
-1.90E-06 0.016620 -0.103780
1.00000 0.007155 -0.176154 -0.104950
-1.90E-06 0.088904 0.017546

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 -0.014310 0.335655 0.097314
1.32E-05 0.185676 0.882966
0.48408 -0.014310 0.335655 0.097314
1.32E-05 0.118652 0.651785
0.65606 -0.014310 0.335655 0.097314
1.32E-05 0.051628 0.420604
0.82803 -0.014310 0.335655 0.097314
1.32E-05 -0.015397 0.189423
1.00000 -0.014310 0.335655 0.097314
1.32E-05 -0.082421 -0.041758

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 0.007279 -0.171555 0.007317
-1.27E-05 0.013969 -0.441384
0.48408 0.007279 -0.171555 0.007317
-1.27E-05 0.008330 -0.323226
0.65606 0.007279 -0.171555 0.007317
-1.27E-05 0.003890 -0.205068
0.82803 0.007279 -0.171555 0.007317
-1.27E-05 -0.001149 -0.086910
1.00000 0.007279 -0.171555 0.007317
-1.27E-05 -0.006189 0.031248

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 -0.000124 0.012054 0.000319
1.48E-06 0.000586 0.026175
0.48408 -0.000124 0.012054 0.000319
1.48E-06 0.000366 0.017872
0.65606 -0.000124 0.012054 0.000319
1.48E-06 0.000146 0.009570
0.82803 -0.000124 0.012054 0.000319
1.48E-06 -7.41E-05 0.001267
1.00000 -0.000124 0.012054 0.000319
1.48E-06 -0.000294 -0.007035
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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.31211 0.014434 -0.347710 -0.097633
-1.46E-05 -0.186262 -0.909140
0.48408 0.014434 -0.347710 -0.097633
-1.46E-05 -0.119018 -0.669657
0.65606 0.014434 -0.347710 -0.097633
-1.46E-05 -0.051774 -0.430173
0.82803 0.014434 -0.347710 -0.097633
-1.46E-05 0.015471 -0.190690
1.00000 0.014434 -0.347710 -0.097633
-1.46E-05 0.082715 0.048793

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.31211 -0.014434 0.347710 0.097633
1.46E-05 0.186262 0.909140
0.48408 -0.014434 0.347710 0.097633
1.46E-05 0.119018 0.669657
0.65606 -0.014434 0.347710 0.097633
1.46E-05 0.051774 0.430173
0.82803 -0.014434 0.347710 0.097633
1.46E-05 -0.015471 0.190690
1.00000 -0.014434 0.347710 0.097633
1.46E-05 -0.082715 -0.048793

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31211 0.014434 0.347710 0.097633
1.46E-05 0.186262 0.909140
0.48408 0.014434 0.347710 0.097633
1.46E-05 0.119018 0.669657
0.65606 0.014434 0.347710 0.097633
1.46E-05 0.051774 0.430173
0.82803 0.014434 0.347710 0.097633
1.46E-05 0.016620 0.190690
1.00000 0.014434 0.347710 0.097633
1.46E-05 0.088904 0.048793

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.014434	-0.347710	-0.104950
-1.46E-05	-0.200231	-0.909140	
0.48408	-0.014434	-0.347710	-0.104950
-1.46E-05	-0.127947	-0.669657	
0.65606	-0.014434	-0.347710	-0.104950
-1.46E-05	-0.055664	-0.430173	
0.82803	-0.014434	-0.347710	-0.104950
-1.46E-05	-0.015471	-0.190690	
1.00000	-0.014434	-0.347710	-0.104950
-1.46E-05	-0.082715	-0.048793	

ELEM 82 ========== LENGTH = 4.005013

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.011533	-0.166275	-0.104358
-4.18E-05	-0.088280	0.009676	
0.17197	0.011533	-0.166275	-0.104358
-4.18E-05	-0.016404	0.124199	
0.34395	0.011533	-0.166275	-0.104358
-4.18E-05	0.055473	0.238721	
0.51592	0.011533	-0.166275	-0.104358
-4.18E-05	0.127350	0.353244	
0.68789	0.011533	-0.166275	-0.104358
-4.18E-05	0.199227	0.467767	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024326	0.313260	0.096031
4.79E-05	0.080833	-0.030062	
0.17197	-0.024326	0.313260	0.096031
4.79E-05	0.014691	-0.245821	
0.34395	-0.024326	0.313260	0.096031
4.79E-05	-0.051451	-0.461580	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.51592	-0.024326	0.313260	0.096031
4.79E-05	-0.117593	-0.677339	
0.68789	-0.024326	0.313260	0.096031
4.79E-05	-0.183735	-0.893098	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014153	-0.156280	0.008274
-7.13E-06	0.007521	0.026493	
0.17197	0.014153	-0.156280	0.008274
-7.13E-06	0.001822	0.134132	
0.34395	0.014153	-0.156280	0.008274
-7.13E-06	-0.003877	0.241771	
0.51592	0.014153	-0.156280	0.008274
-7.13E-06	-0.009576	0.349409	
0.68789	0.014153	-0.156280	0.008274
-7.13E-06	-0.015275	0.457048	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001360	0.009295	5.20E-05
1.08E-06	-7.34E-05	-0.006107	
0.17197	-0.001360	0.009295	5.20E-05
1.08E-06	-0.000109	-0.012509	
0.34395	-0.001360	0.009295	5.20E-05
1.08E-06	-0.000145	-0.018912	
0.51592	-0.001360	0.009295	5.20E-05
1.08E-06	-0.000181	-0.025314	
0.68789	-0.001360	0.009295	5.20E-05
1.08E-06	-0.000217	-0.031716	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.025687	-0.322556	-0.096083
-4.89E-05	-0.080760	0.036170	
0.17197	0.025687	-0.322556	-0.096083
-4.89E-05	-0.014582	0.258331	
0.34395	0.025687	-0.322556	-0.096083
-4.89E-05	0.051596	0.480492	
0.51592	0.025687	-0.322556	-0.096083
-4.89E-05	0.117774	0.702653	
0.68789	0.025687	-0.322556	-0.096083
-4.89E-05	0.183952	0.924814	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025687	0.322556	0.096083
4.89E-05	0.080760	-0.036170	
0.17197	-0.025687	0.322556	0.096083
4.89E-05	0.014582	-0.258331	
0.34395	-0.025687	0.322556	0.096083
4.89E-05	-0.051596	-0.480492	
0.51592	-0.025687	0.322556	0.096083
4.89E-05	-0.117774	-0.702653	
0.68789	-0.025687	0.322556	0.096083
4.89E-05	-0.183952	-0.924814	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.025687	0.322556	0.096083
4.89E-05	0.080833	0.036170	
0.17197	0.025687	0.322556	0.096083
4.89E-05	0.014691	0.258331	
0.34395	0.025687	0.322556	0.096083
4.89E-05	0.055473	0.480492	
0.51592	0.025687	0.322556	0.096083
4.89E-05	0.127350	0.702653	
0.68789	0.025687	0.322556	0.096083
4.89E-05	0.199227	0.924814	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025687	-0.322556	-0.104358
-4.89E-05	-0.088280	-0.036170	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.17197	-0.025687	-0.322556	-0.104358
-4.89E-05	-0.016404	-0.258331	
0.34395	-0.025687	-0.322556	-0.104358
-4.89E-05	-0.051596	-0.480492	
0.51592	-0.025687	-0.322556	-0.104358
-4.89E-05	-0.117774	-0.702653	
0.68789	-0.025687	-0.322556	-0.104358
-4.89E-05	-0.183952	-0.924814	

ELEM 83 ========== LENGTH = 4.005621

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.001317	-0.283925	-0.091855
-7.73E-06	-0.175218	-0.753712	
0.48405	0.001317	-0.283925	-0.091855
-7.73E-06	-0.111939	-0.558114	
0.65603	0.001317	-0.283925	-0.091855
-7.73E-06	-0.048660	-0.362517	
0.82802	0.001317	-0.283925	-0.091855
-7.73E-06	0.014619	-0.166920	
1.00000	0.001317	-0.283925	-0.091855
-7.73E-06	0.077899	0.028678	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.006421	0.579826	0.067708
2.67E-05	0.129029	1.531587	
0.48405	-0.006421	0.579826	0.067708
2.67E-05	0.082385	1.132142	
0.65603	-0.006421	0.579826	0.067708
2.67E-05	0.035741	0.732697	
0.82802	-0.006421	0.579826	0.067708
2.67E-05	-0.010903	0.333251	
1.00000	-0.006421	0.579826	0.067708
2.67E-05	-0.057547	-0.066194	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.005858	-0.317394	0.027439
-2.24E-05	0.052521	-0.826545	
0.48405	0.005858	-0.317394	0.027439
-2.24E-05	0.033618	-0.607891	
0.65603	0.005858	-0.317394	0.027439
-2.24E-05	0.014715	-0.389237	
0.82802	0.005858	-0.317394	0.027439
-2.24E-05	-0.004188	-0.170583	
1.00000	0.005858	-0.317394	0.027439
-2.24E-05	-0.023091	0.048072	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.000753	0.021492	-0.003292
3.49E-06	-0.006332	0.048669	
0.48405	-0.000753	0.021492	-0.003292
3.49E-06	-0.004064	0.033863	
0.65603	-0.000753	0.021492	-0.003292
3.49E-06	-0.001796	0.019057	
0.82802	-0.000753	0.021492	-0.003292
3.49E-06	0.000472	0.004251	
1.00000	-0.000753	0.021492	-0.003292
3.49E-06	0.002740	-0.010555	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.007174	-0.601318	-0.064416
-3.01E-05	-0.122697	-1.580256	
0.48405	0.007174	-0.601318	-0.064416
-3.01E-05	-0.078321	-1.166005	
0.65603	0.007174	-0.601318	-0.064416
-3.01E-05	-0.033945	-0.751754	
0.82802	0.007174	-0.601318	-0.064416
-3.01E-05	0.010431	-0.337502	
1.00000	0.007174	-0.601318	-0.064416
-3.01E-05	0.054808	0.076749	

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.007174	0.601318	0.064416
3.01E-05	0.122697	1.580256	
0.48405	-0.007174	0.601318	0.064416
3.01E-05	0.078321	1.166005	
0.65603	-0.007174	0.601318	0.064416
3.01E-05	0.033945	0.751754	
0.82802	-0.007174	0.601318	0.064416
3.01E-05	-0.010431	0.337502	
1.00000	-0.007174	0.601318	0.064416
3.01E-05	-0.054808	-0.076749	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.007174	0.601318	0.067708
3.01E-05	0.129029	1.580256	
0.48405	0.007174	0.601318	0.067708
3.01E-05	0.082385	1.166005	
0.65603	0.007174	0.601318	0.067708
3.01E-05	0.035741	0.751754	
0.82802	0.007174	0.601318	0.067708
3.01E-05	0.014619	0.337502	
1.00000	0.007174	0.601318	0.067708
3.01E-05	0.077899	0.076749	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.007174	-0.601318	-0.091855
-3.01E-05	-0.175218	-1.580256	
0.48405	-0.007174	-0.601318	-0.091855
-3.01E-05	-0.111939	-1.166005	
0.65603	-0.007174	-0.601318	-0.091855
-3.01E-05	-0.048660	-0.751754	
0.82802	-0.007174	-0.601318	-0.091855
-3.01E-05	-0.010903	-0.337502	
1.00000	-0.007174	-0.601318	-0.091855
-3.01E-05	-0.057547	-0.076749	

ELEM 84 ========== LENGTH = 4.004594

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007127	-0.266299	-0.091275
-4.32E-05	-0.077216	0.020079	
0.17196	0.007127	-0.266299	-0.091275
-4.32E-05	-0.014359	0.203466	
0.34393	0.007127	-0.266299	-0.091275
-4.32E-05	0.048497	0.386852	
0.51589	0.007127	-0.266299	-0.091275
-4.32E-05	0.111354	0.570238	
0.68786	0.007127	-0.266299	-0.091275
-4.32E-05	0.174211	0.753625	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019547	0.539834	0.066209
5.13E-05	0.055589	-0.052846	
0.17196	-0.019547	0.539834	0.066209
5.13E-05	0.009994	-0.424601	
0.34393	-0.019547	0.539834	0.066209
5.13E-05	-0.035600	-0.796357	
0.51589	-0.019547	0.539834	0.066209
5.13E-05	-0.081195	-1.168112	
0.68786	-0.019547	0.539834	0.066209
5.13E-05	-0.126790	-1.539868	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014783	-0.290080	0.028680
-9.90E-06	0.024811	0.042189	
0.17196	0.014783	-0.290080	0.028680
-9.90E-06	0.005061	0.241952	
0.34393	0.014783	-0.290080	0.028680
-9.90E-06	-0.014689	0.441715	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.51589	0.014783	-0.290080	0.028680
-9.90E-06	-0.034440	0.641478	
0.68786	0.014783	-0.290080	0.028680
-9.90E-06	-0.054190	0.841242	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002363	0.016546	-0.003613
1.85E-06	-0.003184	-0.009422	
0.17196	-0.002363	0.016546	-0.003613
1.85E-06	-0.000696	-0.020816	
0.34393	-0.002363	0.016546	-0.003613
1.85E-06	0.001792	-0.032210	
0.51589	-0.002363	0.016546	-0.003613
1.85E-06	0.004280	-0.043605	
0.68786	-0.002363	0.016546	-0.003613
1.85E-06	0.006768	-0.054999	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.021910	-0.556379	-0.062596
-5.31E-05	-0.052405	0.062268	
0.17196	0.021910	-0.556379	-0.062596
-5.31E-05	-0.009299	0.445418	
0.34393	0.021910	-0.556379	-0.062596
-5.31E-05	0.033808	0.828567	
0.51589	0.021910	-0.556379	-0.062596
-5.31E-05	0.076915	1.211717	
0.68786	0.021910	-0.556379	-0.062596
-5.31E-05	0.120021	1.594867	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021910	0.556379	0.062596
5.31E-05	0.052405	-0.062268	
0.17196	-0.021910	0.556379	0.062596
5.31E-05	0.009299	-0.445418	
0.34393	-0.021910	0.556379	0.062596
5.31E-05	-0.033808	-0.828567	
0.51589	-0.021910	0.556379	0.062596
5.31E-05	-0.076915	-1.211717	
0.68786	-0.021910	0.556379	0.062596
5.31E-05	-0.120021	-1.594867	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.021910	0.556379	0.066209
5.31E-05	0.055589	0.062268	
0.17196	0.021910	0.556379	0.066209
5.31E-05	0.009994	0.445418	
0.34393	0.021910	0.556379	0.066209
5.31E-05	0.048497	0.828567	
0.51589	0.021910	0.556379	0.066209
5.31E-05	0.111354	1.211717	
0.68786	0.021910	0.556379	0.066209
5.31E-05	0.174211	1.594867	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021910	-0.556379	-0.091275
-5.31E-05	-0.077216	-0.062268	
0.17196	-0.021910	-0.556379	-0.091275
-5.31E-05	-0.014359	-0.445418	
0.34393	-0.021910	-0.556379	-0.091275
-5.31E-05	-0.035600	-0.828567	
0.51589	-0.021910	-0.556379	-0.091275
-5.31E-05	-0.081195	-1.211717	
0.68786	-0.021910	-0.556379	-0.091275
-5.31E-05	-0.126790	-1.594867	

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FRAME ELEMENT INTERNAL FORCES

ELEM 85 ========== LENGTH = 4.004248

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.016790	-0.446017	-0.076798
-9.94E-06	-0.146169	-1.157385	
0.48413	-0.016790	-0.446017	-0.076798
-9.94E-06	-0.093289	-0.850275	
0.65608	-0.016790	-0.446017	-0.076798
-9.94E-06	-0.040408	-0.543164	
0.82804	-0.016790	-0.446017	-0.076798
-9.94E-06	0.012472	-0.236054	
1.00000	-0.016790	-0.446017	-0.076798
-9.94E-06	0.065353	0.071057	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	0.028039	0.956800	0.033268
3.29E-05	0.062761	2.473546	
0.48413	0.028039	0.956800	0.033268
3.29E-05	0.039854	1.814730	
0.65608	0.028039	0.956800	0.033268
3.29E-05	0.016946	1.155914	
0.82804	0.028039	0.956800	0.033268
3.29E-05	-0.005961	0.497098	
1.00000	0.028039	0.956800	0.033268
3.29E-05	-0.028868	-0.161717	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.010986	-0.549018	0.051056
-2.82E-05	0.097871	-1.398479	
0.48413	-0.010986	-0.549018	0.051056
-2.82E-05	0.062716	-1.020446	
0.65608	-0.010986	-0.549018	0.051056
-2.82E-05	0.027561	-0.642413	
0.82804	-0.010986	-0.549018	0.051056
-2.82E-05	-0.007594	-0.264380	
1.00000	-0.010986	-0.549018	0.051056
-2.82E-05	-0.042749	0.113653	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.000264	0.038236	-0.007525
5.30E-06	-0.014463	0.082318	
0.48413	-0.000264	0.038236	-0.007525
5.30E-06	-0.009281	0.055990	
0.65608	-0.000264	0.038236	-0.007525
5.30E-06	-0.004099	0.029663	
0.82804	-0.000264	0.038236	-0.007525
5.30E-06	0.001083	0.003335	
1.00000	-0.000264	0.038236	-0.007525
5.30E-06	0.006264	-0.022993	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.027776	-0.995035	-0.025743
-3.82E-05	-0.048298	-2.555864	
0.48413	-0.027776	-0.995035	-0.025743
-3.82E-05	-0.030573	-1.870721	
0.65608	-0.027776	-0.995035	-0.025743
-3.82E-05	-0.012847	-1.185577	
0.82804	-0.027776	-0.995035	-0.025743
-3.82E-05	0.004878	-0.500433	
1.00000	-0.027776	-0.995035	-0.025743
-3.82E-05	0.022604	0.184710	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	0.027776	0.995035	0.025743
3.82E-05	0.048298	2.555864	
0.48413	0.027776	0.995035	0.025743
3.82E-05	0.030573	1.870721	
0.65608	0.027776	0.995035	0.025743
3.82E-05	0.012847	1.185577	

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.82804	0.027776	0.995035	0.025743
3.82E-05	-0.004878	0.500433	
1.00000	0.027776	0.995035	0.025743
3.82E-05	-0.022604	-0.184710	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	0.028039	0.995035	0.051056
3.82E-05	0.097871	2.555864	
0.48413	0.028039	0.995035	0.051056
3.82E-05	0.062716	1.870721	
0.65608	0.028039	0.995035	0.051056
3.82E-05	0.027561	1.185577	
0.82804	0.028039	0.995035	0.051056
3.82E-05	0.012472	0.500433	
1.00000	0.028039	0.995035	0.051056
3.82E-05	0.065353	0.184710	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.027776	-0.995035	-0.076798
-3.82E-05	-0.146169	-2.555864	
0.48413	-0.027776	-0.995035	-0.076798
-3.82E-05	-0.093289	-1.870721	
0.65608	-0.027776	-0.995035	-0.076798
-3.82E-05	-0.040408	-1.185577	
0.82804	-0.027776	-0.995035	-0.076798
-3.82E-05	-0.007594	-0.500433	
1.00000	-0.027776	-0.995035	-0.076798
-3.82E-05	-0.042749	-0.184710	

ELEM 86 ========== LENGTH = 4.005272

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007704	-0.367892	-0.075817
-4.18E-05	-0.064222	0.063443	
0.17198	-0.007704	-0.367892	-0.075817
-4.18E-05	-0.011998	0.316854	
0.34396	-0.007704	-0.367892	-0.075817
-4.18E-05	0.040226	0.570264	
0.51593	-0.007704	-0.367892	-0.075817
-4.18E-05	0.092450	0.823675	
0.68791	-0.007704	-0.367892	-0.075817
-4.18E-05	0.144674	1.077085	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007349	0.779675	0.031267
4.92E-05	0.026256	-0.150603	
0.17198	0.007349	0.779675	0.031267
4.92E-05	0.004719	-0.687657	
0.34396	0.007349	0.779675	0.031267
4.92E-05	-0.016818	-1.224711	
0.51593	0.007349	0.779675	0.031267
4.92E-05	-0.038355	-1.761765	

0.68791	0.007349	0.779675	0.031267
4.92E-05	-0.059892	-2.298819	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003166	-0.428243	0.052435
-1.00E-05	0.044740	0.109295	
0.17198	0.003166	-0.428243	0.052435
-1.00E-05	0.008622	0.404276	
0.34396	0.003166	-0.428243	0.052435
-1.00E-05	-0.027496	0.699258	
0.51593	0.003166	-0.428243	0.052435
-1.00E-05	-0.063614	0.994239	
0.68791	0.003166	-0.428243	0.052435
-1.00E-05	-0.099732	1.289220	

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LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002811	0.016460	-0.007885
2.65E-06	-0.006775	-0.022135	
0.17198	-0.002811	0.016460	-0.007885
2.65E-06	-0.001344	-0.033473	
0.34396	-0.002811	0.016460	-0.007885
2.65E-06	0.004087	-0.044811	
0.51593	-0.002811	0.016460	-0.007885
2.65E-06	0.009519	-0.056149	
0.68791	-0.002811	0.016460	-0.007885
2.65E-06	0.014950	-0.067486	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004537	-0.796134	-0.023382
-5.18E-05	-0.019482	0.172738	
0.17198	-0.004537	-0.796134	-0.023382
-5.18E-05	-0.003376	0.721130	
0.34396	-0.004537	-0.796134	-0.023382
-5.18E-05	0.012730	1.269522	
0.51593	-0.004537	-0.796134	-0.023382
-5.18E-05	0.028836	1.817914	
0.68791	-0.004537	-0.796134	-0.023382
-5.18E-05	0.044943	2.366305	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004537	0.796134	0.023382
5.18E-05	0.019482	-0.172738	
0.17198	0.004537	0.796134	0.023382
5.18E-05	0.003376	-0.721130	
0.34396	0.004537	0.796134	0.023382
5.18E-05	-0.012730	-1.269522	
0.51593	0.004537	0.796134	0.023382
5.18E-05	-0.028836	-1.817914	
0.68791	0.004537	0.796134	0.023382
5.18E-05	-0.044943	-2.366305	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007349	0.796134	0.052435
5.18E-05	0.044740	0.172738	
0.17198	0.007349	0.796134	0.052435
5.18E-05	0.008622	0.721130	
0.34396	0.007349	0.796134	0.052435
5.18E-05	0.040226	1.269522	
0.51593	0.007349	0.796134	0.052435
5.18E-05	0.092450	1.817914	
0.68791	0.007349	0.796134	0.052435
5.18E-05	0.144674	2.366305	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007704	-0.796134	-0.075817
-5.18E-05	-0.064222	-0.172738	
0.17198	-0.007704	-0.796134	-0.075817
-5.18E-05	-0.011998	-0.721130	
0.34396	-0.007704	-0.796134	-0.075817
-5.18E-05	-0.027496	-1.269522	
0.51593	-0.007704	-0.796134	-0.075817
-5.18E-05	-0.063614	-1.817914	
0.68791	-0.007704	-0.796134	-0.075817
-5.18E-05	-0.099732	-2.366305	

ELEM 87 ========== LENGTH = 4.004943

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.033075	-0.550857	-0.061928
-8.67E-06	-0.117684	-1.517976	
0.48409	-0.033075	-0.550857	-0.061928
-8.67E-06	-0.075032	-1.138581	
0.65606	-0.033075	-0.550857	-0.061928
-8.67E-06	-0.032381	-0.759186	

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REL_DIST	P	V2	V3
T	M2	M3	
0.82803	-0.033075	-0.550857	-0.061928
-8.67E-06	0.010271	-0.379792	
1.00000	-0.033075	-0.550857	-0.061928
-8.67E-06	0.052923	-0.000397	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.065611	1.181017	-0.000356
3.23E-05	-0.001733	3.254296	
0.48409	0.065611	1.181017	-0.000356
3.23E-05	-0.001488	2.440887	
0.65606	0.065611	1.181017	-0.000356
3.23E-05	-0.001243	1.627479	
0.82803	0.065611	1.181017	-0.000356
3.23E-05	-0.000998	0.814071	
1.00000	0.065611	1.181017	-0.000356
3.23E-05	-0.000752	0.000662	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.032852	-0.667889	0.073906
-3.10E-05	0.141746	-1.836635	
0.48409	-0.032852	-0.667889	0.073906
-3.10E-05	0.090844	-1.376636	
0.65606	-0.032852	-0.667889	0.073906
-3.10E-05	0.039942	-0.916636	
0.82803	-0.032852	-0.667889	0.073906
-3.10E-05	-0.010959	-0.456637	
1.00000	-0.032852	-0.667889	0.073906
-3.10E-05	-0.061861	0.003362	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.000316	0.037729	-0.011622
7.32E-06	-0.022328	0.100315	
0.48409	0.000316	0.037729	-0.011622
7.32E-06	-0.014324	0.074329	
0.65606	0.000316	0.037729	-0.011622
7.32E-06	-0.006319	0.048344	
0.82803	0.000316	0.037729	-0.011622
7.32E-06	0.001686	0.022358	
1.00000	0.000316	0.037729	-0.011622
7.32E-06	0.009690	-0.003627	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.065927	-1.218746	0.011978
-3.96E-05	0.024062	-3.354611	
0.48409	-0.065927	-1.218746	0.011978
-3.96E-05	0.015812	-2.515217	
0.65606	-0.065927	-1.218746	0.011978
-3.96E-05	0.007562	-1.675823	
0.82803	-0.065927	-1.218746	0.011978
-3.96E-05	-0.000688	-0.836429	
1.00000	-0.065927	-1.218746	0.011978
-3.96E-05	-0.008938	0.002965	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.065927	1.218746	-0.011978
3.96E-05	-0.024062	3.354611	
0.48409	0.065927	1.218746	-0.011978
3.96E-05	-0.015812	2.515217	
0.65606	0.065927	1.218746	-0.011978
3.96E-05	-0.007562	1.675823	
0.82803	0.065927	1.218746	-0.011978
3.96E-05	0.000688	0.836429	
1.00000	0.065927	1.218746	-0.011978
3.96E-05	0.008938	-0.002965	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.065927	1.218746	0.073906
3.96E-05	0.141746	3.354611	

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REL_DIST	P	V2	V3
T	M2	M3	
0.48409	0.065927	1.218746	0.073906
3.96E-05	0.090844	2.515217	
0.65606	0.065927	1.218746	0.073906
3.96E-05	0.039942	1.675823	
0.82803	0.065927	1.218746	0.073906
3.96E-05	0.010271	0.836429	
1.00000	0.065927	1.218746	0.073906
3.96E-05	0.052923	0.003362	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.065927	-1.218746	-0.061928
-3.96E-05	-0.117684	-3.354611	
0.48409	-0.065927	-1.218746	-0.061928
-3.96E-05	-0.075032	-2.515217	
0.65606	-0.065927	-1.218746	-0.061928
-3.96E-05	-0.032381	-1.675823	
0.82803	-0.065927	-1.218746	-0.061928
-3.96E-05	-0.010959	-0.836429	
1.00000	-0.065927	-1.218746	-0.061928
-3.96E-05	-0.061861	-0.003627	

ELEM 88 ========== LENGTH = 4.004943

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029285	-0.570299	-0.060894
-3.24E-05	-0.051637	-0.007142	
0.17197	-0.029285	-0.570299	-0.060894
-3.24E-05	-0.009698	0.385644	
0.34394	-0.029285	-0.570299	-0.060894
-3.24E-05	0.032242	0.778429	
0.51591	-0.029285	-0.570299	-0.060894
-3.24E-05	0.074182	1.171215	
0.68789	-0.029285	-0.570299	-0.060894
-3.24E-05	0.116121	1.564000	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.057003	1.224963	-0.002724
3.01E-05	-0.002453	0.009800	
0.17197	0.057003	1.224963	-0.002724
3.01E-05	-0.000576	-0.833876	
0.34394	0.057003	1.224963	-0.002724
3.01E-05	0.001300	-1.677552	
0.51591	0.057003	1.224963	-0.002724
3.01E-05	0.003176	-2.521228	
0.68789	0.057003	1.224963	-0.002724
3.01E-05	0.005053	-3.364904	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026966	-0.697658	0.075687
-9.60E-08	0.064414	0.000354	
0.17197	-0.026966	-0.697658	0.075687
-9.60E-08	0.012286	0.480856	
0.34394	-0.026966	-0.697658	0.075687
-9.60E-08	-0.039843	0.961359	
0.51591	-0.026966	-0.697658	0.075687
-9.60E-08	-0.091972	1.441861	
0.68789	-0.026966	-0.697658	0.075687
-9.60E-08	-0.144100	1.922363	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000752	0.042994	-0.012069
2.34E-06	-0.010324	-0.003013	
0.17197	-0.000752	0.042994	-0.012069
2.34E-06	-0.002011	-0.032624	
0.34394	-0.000752	0.042994	-0.012069
2.34E-06	0.006301	-0.062236	
0.51591	-0.000752	0.042994	-0.012069
2.34E-06	0.014614	-0.091848	
0.68789	-0.000752	0.042994	-0.012069
2.34E-06	0.022926	-0.121460	

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LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056252	-1.267958	0.014794
-3.25E-05	0.012777	-0.006788	
0.17197	-0.056252	-1.267958	0.014794
-3.25E-05	0.002588	0.866500	
0.34394	-0.056252	-1.267958	0.014794
-3.25E-05	-0.007601	1.739788	
0.51591	-0.056252	-1.267958	0.014794
-3.25E-05	-0.017790	2.613076	
0.68789	-0.056252	-1.267958	0.014794
-3.25E-05	-0.027979	3.486364	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.056252	1.267958	-0.014794
3.25E-05	-0.012777	0.006788	
0.17197	0.056252	1.267958	-0.014794
3.25E-05	-0.002588	-0.866500	
0.34394	0.056252	1.267958	-0.014794
3.25E-05	0.007601	-1.739788	
0.51591	0.056252	1.267958	-0.014794
3.25E-05	0.017790	-2.613076	
0.68789	0.056252	1.267958	-0.014794
3.25E-05	0.027979	-3.486364	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.057003	1.267958	0.075687
3.25E-05	0.064414	0.009800	
0.17197	0.057003	1.267958	0.075687
3.25E-05	0.012286	0.866500	
0.34394	0.057003	1.267958	0.075687
3.25E-05	0.032242	1.739788	
0.51591	0.057003	1.267958	0.075687
3.25E-05	0.074182	2.613076	
0.68789	0.057003	1.267958	0.075687
3.25E-05	0.116121	3.486364	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056252	-1.267958	-0.060894
-3.25E-05	-0.051637	-0.007142	
0.17197	-0.056252	-1.267958	-0.060894
-3.25E-05	-0.009698	-0.866500	
0.34394	-0.056252	-1.267958	-0.060894
-3.25E-05	-0.039843	-1.739788	
0.51591	-0.056252	-1.267958	-0.060894
-3.25E-05	-0.091972	-2.613076	
0.68789	-0.056252	-1.267958	-0.060894
-3.25E-05	-0.144100	-3.486364	

ELEM 89 ========== LENGTH = 4.005680

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.052096	-1.190262	-0.049002
1.24E-06	-0.093089	-3.255474	
0.48404	-0.052096	-1.190262	-0.049002
1.24E-06	-0.059330	-2.435479	
0.65603	-0.052096	-1.190262	-0.049002
1.24E-06	-0.025572	-1.615483	
0.82801	-0.052096	-1.190262	-0.049002
1.24E-06	0.008187	-0.795488	
1.00000	-0.052096	-1.190262	-0.049002
1.24E-06	0.041946	0.024507	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.108748	2.528425	-0.029596
1.68E-05	-0.057575	6.898381	
0.48404	0.108748	2.528425	-0.029596
1.68E-05	-0.037185	5.156498	
0.65603	0.108748	2.528425	-0.029596
1.68E-05	-0.016796	3.414615	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.82801	0.108748	2.528425	-0.029596
1.68E-05	0.003594	1.672733	
1.00000	0.108748	2.528425	-0.029596
1.68E-05	0.023983	-0.069150	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.057844	-1.445836	0.093752
-2.80E-05	0.179786	-3.913089	
0.48404	-0.057844	-1.445836	0.093752
-2.80E-05	0.115198	-2.917023	
0.65603	-0.057844	-1.445836	0.093752
-2.80E-05	0.050610	-1.920957	
0.82801	-0.057844	-1.445836	0.093752
-2.80E-05	-0.013978	-0.924891	
1.00000	-0.057844	-1.445836	0.093752
-2.80E-05	-0.078566	0.071174	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.001192	0.107674	-0.015154
1.00E-05	-0.029122	0.270182	
0.48404	0.001192	0.107674	-0.015154
1.00E-05	-0.018682	0.196003	
0.65603	0.001192	0.107674	-0.015154
1.00E-05	-0.008242	0.121825	
0.82801	0.001192	0.107674	-0.015154
1.00E-05	0.002197	0.047646	
1.00000	0.001192	0.107674	-0.015154
1.00E-05	0.012637	-0.026532	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.109940	-2.636098	0.044750
-2.68E-05	0.086697	-7.168563	
0.48404	-0.109940	-2.636098	0.044750
-2.68E-05	0.055868	-5.352501	
0.65603	-0.109940	-2.636098	0.044750
-2.68E-05	0.025038	-3.536440	
0.82801	-0.109940	-2.636098	0.044750
-2.68E-05	-0.005791	-1.720379	
1.00000	-0.109940	-2.636098	0.044750
-2.68E-05	-0.036620	0.095682	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.109940	2.636098	-0.044750
2.68E-05	-0.086697	7.168563	
0.48404	0.109940	2.636098	-0.044750
2.68E-05	-0.055868	5.352501	
0.65603	0.109940	2.636098	-0.044750
2.68E-05	-0.025038	3.536440	
0.82801	0.109940	2.636098	-0.044750
2.68E-05	0.005791	1.720379	
1.00000	0.109940	2.636098	-0.044750
2.68E-05	0.036620	-0.095682	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	0.109940	2.636098	0.093752
2.68E-05	0.179786	7.168563	
0.48404	0.109940	2.636098	0.093752
2.68E-05	0.115198	5.352501	
0.65603	0.109940	2.636098	0.093752
2.68E-05	0.050610	3.536440	
0.82801	0.109940	2.636098	0.093752
2.68E-05	0.008187	1.720379	
1.00000	0.109940	2.636098	0.093752
2.68E-05	0.041946	0.095682	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31206	-0.109940	-2.636098	-0.049002
-2.80E-05	-0.093089	-7.168563	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.48404	-0.109940	-2.636098	-0.049002
-2.80E-05	-0.059330	-5.352501	
0.65603	-0.109940	-2.636098	-0.049002
-2.80E-05	-0.025572	-3.536440	
0.82801	-0.109940	-2.636098	-0.049002
-2.80E-05	-0.013978	-1.720379	
1.00000	-0.109940	-2.636098	-0.049002
-2.80E-05	-0.078566	-0.095682	

ELEM 90 ========== LENGTH = 4.004664

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048195	-1.194965	-0.047999
-2.24E-05	-0.040618	0.018814	
0.17197	-0.048195	-1.194965	-0.047999
-2.24E-05	-0.007563	0.841746	
0.34393	-0.048195	-1.194965	-0.047999
-2.24E-05	0.025492	1.664678	
0.51590	-0.048195	-1.194965	-0.047999
-2.24E-05	0.058547	2.487610	
0.68786	-0.048195	-1.194965	-0.047999
-2.24E-05	0.091603	3.310542	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.099150	2.522129	-0.032155
1.13E-06	-0.027540	-0.062395	
0.17197	0.099150	2.522129	-0.032155
1.13E-06	-0.005396	-1.799300	
0.34393	0.099150	2.522129	-0.032155
1.13E-06	0.016748	-3.536204	
0.51590	0.099150	2.522129	-0.032155
1.13E-06	0.038891	-5.273108	
0.68786	0.099150	2.522129	-0.032155
1.13E-06	0.061035	-7.010012	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050282	-1.419075	0.095846
1.89E-05	0.081552	0.069791	
0.17197	-0.050282	-1.419075	0.095846
1.89E-05	0.015546	1.047060	
0.34393	-0.050282	-1.419075	0.095846
1.89E-05	-0.050459	2.024328	
0.51590	-0.050282	-1.419075	0.095846
1.89E-05	-0.116465	3.001597	
0.68786	-0.050282	-1.419075	0.095846
1.89E-05	-0.182471	3.978866	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000673	0.091912	-0.015692
2.42E-06	-0.013394	-0.026210	
0.17197	-0.000673	0.091912	-0.015692
2.42E-06	-0.002587	-0.089506	
0.34393	-0.000673	0.091912	-0.015692
2.42E-06	0.008219	-0.152803	
0.51590	-0.000673	0.091912	-0.015692
2.42E-06	0.019026	-0.216099	
0.68786	-0.000673	0.091912	-0.015692
2.42E-06	0.029833	-0.279395	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.098477	-2.614041	0.047847
-3.55E-06	0.040934	0.088605	
0.17197	-0.098477	-2.614041	0.047847
-3.55E-06	0.007984	1.888806	
0.34393	-0.098477	-2.614041	0.047847
-3.55E-06	-0.024967	3.689006	
0.51590	-0.098477	-2.614041	0.047847
-3.55E-06	-0.057917	5.489207	
0.68786	-0.098477	-2.614041	0.047847

-3.55E-06 -0.090868 7.289408

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.098477	2.614041	-0.047847
3.55E-06	-0.040934	-0.088605	
0.17197	0.098477	2.614041	-0.047847
3.55E-06	-0.007984	-1.888806	
0.34393	0.098477	2.614041	-0.047847
3.55E-06	0.024967	-3.689006	
0.51590	0.098477	2.614041	-0.047847
3.55E-06	0.057917	-5.489207	
0.68786	0.098477	2.614041	-0.047847
3.55E-06	0.090868	-7.289408	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.099150	2.614041	0.095846
1.89E-05	0.081552	0.088605	
0.17197	0.099150	2.614041	0.095846
1.89E-05	0.015546	1.888806	
0.34393	0.099150	2.614041	0.095846
1.89E-05	0.025492	3.689006	
0.51590	0.099150	2.614041	0.095846
1.89E-05	0.058547	5.489207	
0.68786	0.099150	2.614041	0.095846
1.89E-05	0.091603	7.289408	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.098477	-2.614041	-0.047999
-2.24E-05	-0.040934	-0.088605	
0.17197	-0.098477	-2.614041	-0.047999
-2.24E-05	-0.007984	-1.888806	
0.34393	-0.098477	-2.614041	-0.047999
-2.24E-05	-0.050459	-3.689006	
0.51590	-0.098477	-2.614041	-0.047999
-2.24E-05	-0.116465	-5.489207	
0.68786	-0.098477	-2.614041	-0.047999
-2.24E-05	-0.182471	-7.289408	

ELEM 91 ========== LENGTH = 4.005461

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.029288	-0.558284	-0.037374
1.01E-05	-0.070992	-1.556839	
0.48406	-0.029288	-0.558284	-0.037374
1.01E-05	-0.045246	-1.172256	
0.65604	-0.029288	-0.558284	-0.037374
1.01E-05	-0.019500	-0.787673	
0.82802	-0.029288	-0.558284	-0.037374
1.01E-05	0.006246	-0.403091	
1.00000	-0.029288	-0.558284	-0.037374
1.01E-05	0.031992	-0.018508	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	0.054440	1.161622	-0.055404
-4.47E-06	-0.106539	3.237914	
0.48406	0.054440	1.161622	-0.055404
-4.47E-06	-0.068374	2.437713	
0.65604	0.054440	1.161622	-0.055404
-4.47E-06	-0.030208	1.637512	
0.82802	0.054440	1.161622	-0.055404
-4.47E-06	0.007958	0.837311	
1.00000	0.054440	1.161622	-0.055404
-4.47E-06	0.046123	0.037110	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.023872	-0.655343	0.110663
-1.44E-05	0.211835	-1.820677	
0.48406	-0.023872	-0.655343	0.110663
-1.44E-05	0.135604	-1.369233	
0.65604	-0.023872	-0.655343	0.110663
-1.44E-05	0.059372	-0.917790	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.82802	-0.023872	-0.655343	0.110663
-1.44E-05	-0.016860	-0.466347	
1.00000	-0.023872	-0.655343	0.110663
-1.44E-05	-0.093091	-0.014904	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.001280	0.052006	-0.017885
8.77E-06	-0.034304	0.139602	
0.48406	-0.001280	0.052006	-0.017885
8.77E-06	-0.021984	0.103777	
0.65604	-0.001280	0.052006	-0.017885
8.77E-06	-0.009664	0.067952	
0.82802	-0.001280	0.052006	-0.017885
8.77E-06	0.002656	0.032127	
1.00000	-0.001280	0.052006	-0.017885
8.77E-06	0.014977	-0.003698	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.053161	-1.213627	0.073288
-4.30E-06	0.140843	-3.377515	
0.48406	-0.053161	-1.213627	0.073288
-4.30E-06	0.090358	-2.541490	
0.65604	-0.053161	-1.213627	0.073288
-4.30E-06	0.039872	-1.705464	
0.82802	-0.053161	-1.213627	0.073288
-4.30E-06	-0.010614	-0.869438	
1.00000	-0.053161	-1.213627	0.073288
-4.30E-06	-0.061100	-0.033412	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	0.053161	1.213627	-0.073288
4.30E-06	-0.140843	3.377515	
0.48406	0.053161	1.213627	-0.073288
4.30E-06	-0.090358	2.541490	
0.65604	0.053161	1.213627	-0.073288
4.30E-06	-0.039872	1.705464	
0.82802	0.053161	1.213627	-0.073288
4.30E-06	0.010614	0.869438	
1.00000	0.053161	1.213627	-0.073288
4.30E-06	0.061100	0.033412	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	0.054440	1.213627	0.110663
1.01E-05	0.211835	3.377515	
0.48406	0.054440	1.213627	0.110663
1.01E-05	0.135604	2.541490	
0.65604	0.054440	1.213627	0.110663
1.01E-05	0.059372	1.705464	
0.82802	0.054440	1.213627	0.110663
1.01E-05	0.010614	0.869438	
1.00000	0.054440	1.213627	0.110663
1.01E-05	0.061100	0.037110	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.053161	-1.213627	-0.073288
-1.44E-05	-0.140843	-3.377515	
0.48406	-0.053161	-1.213627	-0.073288
-1.44E-05	-0.090358	-2.541490	
0.65604	-0.053161	-1.213627	-0.073288
-1.44E-05	-0.039872	-1.705464	
0.82802	-0.053161	-1.213627	-0.073288
-1.44E-05	-0.016860	-0.869438	
1.00000	-0.053161	-1.213627	-0.073288
-1.44E-05	-0.093091	-0.033412	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 92 ========== LENGTH = 4.004448

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.027372	-0.596323	-0.036628
-5.21E-06	-0.030984	-0.023297	
0.17196	-0.027372	-0.596323	-0.036628
-5.21E-06	-0.005761	0.387339	
0.34392	-0.027372	-0.596323	-0.036628
-5.21E-06	0.019462	0.797974	
0.51589	-0.027372	-0.596323	-0.036628
-5.21E-06	0.044684	1.208609	
0.68785	-0.027372	-0.596323	-0.036628
-5.21E-06	0.069907	1.619244	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.050106	1.240260	-0.057287
-2.60E-05	-0.048827	0.041550	
0.17196	0.050106	1.240260	-0.057287
-2.60E-05	-0.009378	-0.812507	
0.34392	0.050106	1.240260	-0.057287
-2.60E-05	0.030070	-1.666565	
0.51589	0.050106	1.240260	-0.057287
-2.60E-05	0.069518	-2.520622	
0.68785	0.050106	1.240260	-0.057287
-2.60E-05	0.108967	-3.374680	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020895	-0.698857	0.112182
3.00E-05	0.095334	-0.014359	
0.17196	-0.020895	-0.698857	0.112182
3.00E-05	0.018084	0.466883	
0.34392	-0.020895	-0.698857	0.112182
3.00E-05	-0.059166	0.948124	
0.51589	-0.020895	-0.698857	0.112182
3.00E-05	-0.136416	1.429365	
0.68785	-0.020895	-0.698857	0.112182
3.00E-05	-0.213666	1.910607	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001839	0.054921	-0.018267
1.19E-06	-0.015523	-0.003895	
0.17196	-0.001839	0.054921	-0.018267
1.19E-06	-0.002944	-0.041714	
0.34392	-0.001839	0.054921	-0.018267
1.19E-06	0.009635	-0.079533	
0.51589	-0.001839	0.054921	-0.018267
1.19E-06	0.022214	-0.117352	
0.68785	-0.001839	0.054921	-0.018267
1.19E-06	0.034793	-0.155171	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048267	-1.295180	0.075554
2.48E-05	0.064350	-0.037656	
0.17196	-0.048267	-1.295180	0.075554
2.48E-05	0.012323	0.854221	
0.34392	-0.048267	-1.295180	0.075554
2.48E-05	-0.039705	1.746098	
0.51589	-0.048267	-1.295180	0.075554
2.48E-05	-0.091732	2.637974	
0.68785	-0.048267	-1.295180	0.075554
2.48E-05	-0.143759	3.529851	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.048267	1.295180	-0.075554
-2.48E-05	-0.064350	0.037656	
0.17196	0.048267	1.295180	-0.075554
-2.48E-05	-0.012323	-0.854221	
0.34392	0.048267	1.295180	-0.075554
-2.48E-05	0.039705	-1.746098	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.51589	0.048267	1.295180	-0.075554
-2.48E-05	0.091732	-2.637974	
0.68785	0.048267	1.295180	-0.075554
-2.48E-05	0.143759	-3.529851	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.050106	1.295180	0.112182
3.00E-05	0.095334	0.041550	
0.17196	0.050106	1.295180	0.112182
3.00E-05	0.018084	0.854221	
0.34392	0.050106	1.295180	0.112182
3.00E-05	0.039705	1.746098	
0.51589	0.050106	1.295180	0.112182
3.00E-05	0.091732	2.637974	
0.68785	0.050106	1.295180	0.112182
3.00E-05	0.143759	3.529851	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048267	-1.295180	-0.075554
-2.60E-05	-0.064350	-0.037656	
0.17196	-0.048267	-1.295180	-0.075554
-2.60E-05	-0.012323	-0.854221	
0.34392	-0.048267	-1.295180	-0.075554
-2.60E-05	0.039705	-1.746098	
0.51589	-0.048267	-1.295180	-0.075554
-2.60E-05	0.091732	-2.637974	
0.68785	-0.048267	-1.295180	-0.075554
-2.60E-05	-0.213666	-3.529851	

ELEM 93 ========== LENGTH = 4.004274

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.012431	-0.419661	-0.026227
1.18E-05	-0.049859	-1.157088	
0.48412	-0.012431	-0.419661	-0.026227
1.18E-05	-0.031800	-0.868123	
0.65608	-0.012431	-0.419661	-0.026227
1.18E-05	-0.013741	-0.579158	
0.82804	-0.012431	-0.419661	-0.026227
1.18E-05	0.004318	-0.290193	
1.00000	-0.012431	-0.419661	-0.026227
1.18E-05	0.022377	-0.001228	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	0.019779	0.863219	-0.079303
-7.72E-06	-0.151688	2.368095	
0.48412	0.019779	0.863219	-0.079303
-7.72E-06	-0.097082	1.773709	
0.65608	0.019779	0.863219	-0.079303
-7.72E-06	-0.042477	1.179324	
0.82804	0.019779	0.863219	-0.079303
-7.72E-06	0.012129	0.584938	
1.00000	0.019779	0.863219	-0.079303
-7.72E-06	0.066735	-0.009447	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.005362	-0.496045	0.124914
-1.35E-05	0.238664	-1.339958	
0.48412	-0.005362	-0.496045	0.124914
-1.35E-05	0.152652	-0.998397	
0.65608	-0.005362	-0.496045	0.124914
-1.35E-05	0.066641	-0.656836	
0.82804	-0.005362	-0.496045	0.124914
-1.35E-05	-0.019371	-0.315275	
1.00000	-0.005362	-0.496045	0.124914
-1.35E-05	-0.105383	0.026286	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.001986	0.052486	-0.019383
9.39E-06	-0.037116	0.128951	
0.48412	-0.001986	0.052486	-0.019383
9.39E-06	-0.023770	0.092810	
0.65608	-0.001986	0.052486	-0.019383
9.39E-06	-0.010423	0.056670	
0.82804	-0.001986	0.052486	-0.019383
9.39E-06	0.002924	0.020530	
1.00000	-0.001986	0.052486	-0.019383
9.39E-06	0.016271	-0.015611	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.017793	-0.915706	0.098687
-1.68E-06	0.188804	-2.497046	
0.48412	-0.017793	-0.915706	0.098687
-1.68E-06	0.120852	-1.866520	
0.65608	-0.017793	-0.915706	0.098687
-1.68E-06	0.052899	-1.235994	
0.82804	-0.017793	-0.915706	0.098687
-1.68E-06	-0.015053	-0.605468	
1.00000	-0.017793	-0.915706	0.098687
-1.68E-06	-0.083006	0.025058	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	0.017793	0.915706	-0.098687
1.68E-06	-0.188804	2.497046	
0.48412	0.017793	0.915706	-0.098687
1.68E-06	-0.120852	1.866520	
0.65608	0.017793	0.915706	-0.098687
1.68E-06	-0.052899	1.235994	
0.82804	0.017793	0.915706	-0.098687
1.68E-06	0.015053	0.605468	
1.00000	0.017793	0.915706	-0.098687
1.68E-06	0.083006	-0.025058	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	0.019779	0.915706	0.124914
1.18E-05	0.238664	2.497046	
0.48412	0.019779	0.915706	0.124914
1.18E-05	0.152652	1.866520	
0.65608	0.019779	0.915706	0.124914
1.18E-05	0.066641	1.235994	
0.82804	0.019779	0.915706	0.124914
1.18E-05	0.015053	0.605468	
1.00000	0.019779	0.915706	0.124914
1.18E-05	0.083006	0.026286	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31217	-0.017793	-0.915706	-0.098687
-1.35E-05	-0.188804	-2.497046	
0.48412	-0.017793	-0.915706	-0.098687
-1.35E-05	-0.120852	-1.866520	
0.65608	-0.017793	-0.915706	-0.098687
-1.35E-05	-0.052899	-1.235994	
0.82804	-0.017793	-0.915706	-0.098687
-1.35E-05	-0.019371	-0.605468	
1.00000	-0.017793	-0.915706	-0.098687
-1.35E-05	-0.105383	-0.025058	

ELEM 94 ========== LENGTH = 4.005273

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009108	-0.432482	-0.025591
1.92E-06	-0.021549	-0.005568	
0.17198	-0.009108	-0.432482	-0.025591
1.92E-06	-0.003922	0.292334	
0.34396	-0.009108	-0.432482	-0.025591
1.92E-06	0.013706	0.590235	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.51593	-0.009108	-0.432482	-0.025591
1.92E-06	0.031334	0.888137	
0.68791	-0.009108	-0.432482	-0.025591
1.92E-06	0.048961	1.186039	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.012107	0.872659	-0.080427
-4.13E-05	-0.068519	-0.006327	
0.17198	0.012107	0.872659	-0.080427
-4.13E-05	-0.013120	-0.607431	
0.34396	0.012107	0.872659	-0.080427
-4.13E-05	0.042280	-1.208534	
0.51593	0.012107	0.872659	-0.080427
-4.13E-05	0.097680	-1.809638	
0.68791	0.012107	0.872659	-0.080427
-4.13E-05	0.153079	-2.410741	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	2.19E-05	-0.476429	0.125572
3.87E-05	0.106622	0.028131	
0.17198	2.19E-05	-0.476429	0.125572
3.87E-05	0.020126	0.356304	
0.34396	2.19E-05	-0.476429	0.125572
3.87E-05	-0.066370	0.684476	
0.51593	2.19E-05	-0.476429	0.125572
3.87E-05	-0.152866	1.012649	
0.68791	2.19E-05	-0.476429	0.125572
3.87E-05	-0.239363	1.340822	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003021	0.036252	-0.019554
6.51E-07	-0.016554	-0.016236	
0.17198	-0.003021	0.036252	-0.019554
6.51E-07	-0.003085	-0.041207	
0.34396	-0.003021	0.036252	-0.019554
6.51E-07	0.010384	-0.066178	
0.51593	-0.003021	0.036252	-0.019554
6.51E-07	0.023853	-0.091149	
0.68791	-0.003021	0.036252	-0.019554
6.51E-07	0.037322	-0.116119	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009086	-0.908911	0.099981
4.06E-05	0.085073	0.022563	
0.17198	-0.009086	-0.908911	0.099981
4.06E-05	0.016204	0.648638	
0.34396	-0.009086	-0.908911	0.099981
4.06E-05	-0.052664	1.274712	
0.51593	-0.009086	-0.908911	0.099981
4.06E-05	-0.121533	1.900786	
0.68791	-0.009086	-0.908911	0.099981
4.06E-05	-0.190401	2.526861	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.009086	0.908911	-0.099981
-4.06E-05	-0.085073	-0.022563	
0.17198	0.009086	0.908911	-0.099981
-4.06E-05	-0.016204	-0.648638	
0.34396	0.009086	0.908911	-0.099981
-4.06E-05	0.052664	-1.274712	
0.51593	0.009086	0.908911	-0.099981
-4.06E-05	0.121533	-1.900786	
0.68791	0.009086	0.908911	-0.099981
-4.06E-05	0.190401	-2.526861	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.012107	0.908911	0.125572
4.06E-05	0.106622	0.028131	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.17198	0.012107	0.908911	0.125572
4.06E-05	0.020126	0.648638	
0.34396	0.012107	0.908911	0.125572
4.06E-05	0.052664	1.274712	
0.51593	0.012107	0.908911	0.125572
4.06E-05	0.121533	1.900786	
0.68791	0.012107	0.908911	0.125572
4.06E-05	0.190401	2.526861	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009108	-0.908911	-0.099981

-4.13E-05 -0.085073 -0.022563
0.17198 -0.009108 -0.908911 -0.099981
-4.13E-05 -0.016204 -0.648638
0.34396 -0.009108 -0.908911 -0.099981
-4.13E-05 -0.066370 -1.274712
0.51593 -0.009108 -0.908911 -0.099981
-4.13E-05 -0.152866 -1.900786
0.68791 -0.009108 -0.908911 -0.099981
-4.13E-05 -0.239363 -2.526861

ELEM 95 ========== LENGTH = 4.004134

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.31218 -0.002439 -0.295275 -0.014080
9.42E-06 -0.026694 -0.755167
0.48413 -0.002439 -0.295275 -0.014080
9.42E-06 -0.016999 -0.551860
0.65609 -0.002439 -0.295275 -0.014080
9.42E-06 -0.007304 -0.348553
0.82804 -0.002439 -0.295275 -0.014080
9.42E-06 0.002391 -0.145246
1.00000 -0.002439 -0.295275 -0.014080
9.42E-06 0.012085 0.058060

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.31218 1.62E-05 0.599374 -0.103414
-5.48E-06 -0.197664 1.533648
0.48413 1.62E-05 0.599374 -0.103414
-5.48E-06 -0.126460 1.120959
0.65609 1.62E-05 0.599374 -0.103414
-5.48E-06 -0.055256 0.708270
0.82804 1.62E-05 0.599374 -0.103414
-5.48E-06 0.015947 0.295580
1.00000 1.62E-05 0.599374 -0.103414
-5.48E-06 0.087151 -0.117109

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.31218 0.004481 -0.329781 0.136697
-1.15E-05 0.261129 -0.844342
0.48413 0.004481 -0.329781 0.136697
-1.15E-05 0.167009 -0.617276
0.65609 0.004481 -0.329781 0.136697
-1.15E-05 0.072889 -0.390211
0.82804 0.004481 -0.329781 0.136697
-1.15E-05 -0.021232 -0.163145
1.00000 0.004481 -0.329781 0.136697
-1.15E-05 -0.115352 0.063920

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.31218 -0.002058 0.025682 -0.019203
7.53E-06 -0.036772 0.065860
0.48413 -0.002058 0.025682 -0.019203
7.53E-06 -0.023550 0.048177
0.65609 -0.002058 0.025682 -0.019203
7.53E-06 -0.010328 0.030494
0.82804 -0.002058 0.025682 -0.019203
7.53E-06 0.002894 0.012811
1.00000 -0.002058 0.025682 -0.019203
7.53E-06 0.016116 -0.004872
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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.31218 0.002042 -0.625056 0.122617
-2.05E-06 0.234436 -1.599508
0.48413 0.002042 -0.625056 0.122617
-2.05E-06 0.150010 -1.169136
0.65609 0.002042 -0.625056 0.122617
-2.05E-06 0.065585 -0.738764
0.82804 0.002042 -0.625056 0.122617
-2.05E-06 -0.018841 -0.308392
1.00000 0.002042 -0.625056 0.122617
-2.05E-06 -0.103267 0.121981

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.31218 -0.002042 0.625056 -0.122617
2.05E-06 -0.234436 1.599508
0.48413 -0.002042 0.625056 -0.122617
2.05E-06 -0.150010 1.169136
0.65609 -0.002042 0.625056 -0.122617
2.05E-06 -0.065585 0.738764
0.82804 -0.002042 0.625056 -0.122617
2.05E-06 0.018841 0.308392
1.00000 -0.002042 0.625056 -0.122617
2.05E-06 0.103267 -0.121981

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31218 0.004481 0.625056 0.136697
9.42E-06 0.261129 1.599508
0.48413 0.004481 0.625056 0.136697
9.42E-06 0.167009 1.169136
0.65609 0.004481 0.625056 0.136697
9.42E-06 0.072889 0.738764
0.82804 0.004481 0.625056 0.136697
9.42E-06 0.018841 0.308392
1.00000 0.004481 0.625056 0.136697
9.42E-06 0.103267 0.121981

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31218 -0.002439 -0.625056 -0.122617
-1.15E-05 -0.234436 -1.599508
0.48413 -0.002439 -0.625056 -0.122617
-1.15E-05 -0.150010 -1.169136
0.65609 -0.002439 -0.625056 -0.122617
-1.15E-05 -0.065585 -0.738764
0.82804 -0.002439 -0.625056 -0.122617
-1.15E-05 -0.021232 -0.308392
1.00000 -0.002439 -0.625056 -0.122617
-1.15E-05 -0.115352 -0.121981

ELEM 96 ========== LENGTH = 4.005141

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.005018 -0.228380 -0.013695
4.73E-06 -0.011583 0.053806
0.17198 0.005018 -0.228380 -0.013695
4.73E-06 -0.002150 0.211111
0.34395 0.005018 -0.228380 -0.013695
4.73E-06 0.007283 0.368415
0.51593 0.005018 -0.228380 -0.013695
4.73E-06 0.016716 0.525720
0.68790 0.005018 -0.228380 -0.013695
4.73E-06 0.026149 0.683024

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.014707 0.461166 -0.103899
-4.64E-05 -0.088094 -0.114741
0.17198 -0.014707 0.461166 -0.103899
-4.64E-05 -0.016530 -0.432386
0.34395 -0.014707 0.461166 -0.103899
-4.64E-05 0.055034 -0.750030
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REL DIST P V2 V3
T M2 M3
0.51593 -0.014707 0.461166 -0.103899
-4.64E-05 0.126598 -1.067675
0.68790 -0.014707 0.461166 -0.103899
-4.64E-05 0.198162 -1.385320

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.011558 -0.253382 0.136821
3.98E-05 0.115872 0.067013
0.17198 0.011558 -0.253382 0.136821
3.98E-05 0.021632 0.241539
0.34395 0.011558 -0.253382 0.136821
3.98E-05 -0.072608 0.416065
0.51593 0.011558 -0.253382 0.136821
3.98E-05 -0.166848 0.590591
0.68790 0.011558 -0.253382 0.136821
3.98E-05 -0.261088 0.765117

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.001869 0.020596 -0.019227
1.84E-06 -0.016195 -0.006078
0.17198 -0.001869 0.020596 -0.019227
1.84E-06 -0.002952 -0.020264
0.34395 -0.001869 0.020596 -0.019227
1.84E-06 0.010291 -0.034450
0.51593 -0.001869 0.020596 -0.019227
1.84E-06 0.023534 -0.048636
0.68790 -0.001869 0.020596 -0.019227
1.84E-06 0.036777 -0.062822

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.016576 -0.481762 0.123125
4.45E-05 0.104289 0.120819
0.17198 0.016576 -0.481762 0.123125
4.45E-05 0.019482 0.452650
0.34395 0.016576 -0.481762 0.123125
4.45E-05 -0.065325 0.784480
0.51593 0.016576 -0.481762 0.123125
4.45E-05 -0.150132 1.116311
0.68790 0.016576 -0.481762 0.123125
4.45E-05 -0.234939 1.448141

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.016576 0.481762 -0.123125
-4.45E-05 -0.104289 -0.120819
0.17198 -0.016576 0.481762 -0.123125
-4.45E-05 -0.019482 -0.452650
0.34395 -0.016576 0.481762 -0.123125
-4.45E-05 0.065325 -0.784480
0.51593 -0.016576 0.481762 -0.123125
-4.45E-05 0.150132 -1.116311
0.68790 -0.016576 0.481762 -0.123125
-4.45E-05 0.234939 -1.448141

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.016576 0.481762 0.136821
4.45E-05 0.115872 0.120819
0.17198 0.016576 0.481762 0.136821
4.45E-05 0.021632 0.452650
0.34395 0.016576 0.481762 0.136821
4.45E-05 0.065325 0.784480
0.51593 0.016576 0.481762 0.136821
4.45E-05 0.150132 1.116311
0.68790 0.016576 0.481762 0.136821
4.45E-05 0.234939 1.448141

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.016576 -0.481762 -0.123125
-4.64E-05 -0.104289 -0.120819
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REL DIST P V2 V3
T M2 M3
0.17198 -0.016576 -0.481762 -0.123125
-4.64E-05 -0.019482 -0.452650
0.34395 -0.016576 -0.481762 -0.123125
-4.64E-05 -0.072608 -0.784480
0.51593 -0.016576 -0.481762 -0.123125
-4.64E-05 -0.166848 -1.116311
0.68790 -0.016576 -0.481762 -0.123125
-4.64E-05 -0.261088 -1.448141

ELEM 97 ========== LENGTH = 4.005047

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.31211 0.002857 -0.142187 -0.002382
5.21E-06 -0.004338 -0.380222
0.48408 0.002857 -0.142187 -0.002382
5.21E-06 -0.002697 -0.282289
0.65605 0.002857 -0.142187 -0.002382
5.21E-06 -0.001057 -0.184356
0.82803 0.002857 -0.142187 -0.002382
5.21E-06 0.000584 -0.086423
1.00000 0.002857 -0.142187 -0.002382
5.21E-06 0.002225 0.011510

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.015543 0.285374 -0.124259
1.87E-06 -0.237564 0.769792
0.48408 -0.015543 0.285374 -0.124259
1.87E-06 -0.151979 0.573238
0.65605 -0.015543 0.285374 -0.124259
1.87E-06 -0.066394 0.376683
0.82803 -0.015543 0.285374 -0.124259
1.87E-06 0.019190 0.180128
1.00000 -0.015543 0.285374 -0.124259
1.87E-06 0.104775 -0.016426

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.31211 0.014224 -0.142874 0.143371
-1.41E-05 0.273925 -0.392139
0.48408 0.014224 -0.142874 0.143371
-1.41E-05 0.175176 -0.293733
0.65605 0.014224 -0.142874 0.143371
-1.41E-05 0.076428 -0.195326
0.82803 0.014224 -0.142874 0.143371
-1.41E-05 -0.022320 -0.096920
1.00000 0.014224 -0.142874 0.143371
-1.41E-05 -0.121069 0.001486

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.001539 -0.000313 -0.016730
7.00E-06 -0.032022 0.002569
0.48408 -0.001539 -0.000313 -0.016730
7.00E-06 -0.020500 0.002784
0.65605 -0.001539 -0.000313 -0.016730
7.00E-06 -0.008977 0.003000
0.82803 -0.001539 -0.000313 -0.016730
7.00E-06 0.002546 0.003215
1.00000 -0.001539 -0.000313 -0.016730
7.00E-06 0.014069 0.003430

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.31211 0.017082 -0.285061 0.140989
-8.87E-06 0.269586 -0.772361
0.48408 0.017082 -0.285061 0.140989
-8.87E-06 0.172479 -0.576022
0.65605 0.017082 -0.285061 0.140989
-8.87E-06 0.075371 -0.379682
0.82803 0.017082 -0.285061 0.140989
-8.87E-06 -0.021736 -0.183343
1.00000 0.017082 -0.285061 0.140989
-8.87E-06 -0.118844 0.012996
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LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.017082 0.285061 -0.140989
8.87E-06 -0.269586 0.772361
0.48408 -0.017082 0.285061 -0.140989
8.87E-06 -0.172479 0.576022
0.65605 -0.017082 0.285061 -0.140989
8.87E-06 -0.075371 0.379682
0.82803 -0.017082 0.285061 -0.140989
8.87E-06 0.021736 0.183343
1.00000 -0.017082 0.285061 -0.140989
8.87E-06 0.118844 -0.012996

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.31211 0.017082 0.285374 0.143371
8.87E-06 0.273925 0.772361
0.48408 0.017082 0.285374 0.143371
8.87E-06 0.175176 0.576022
0.65605 0.017082 0.285374 0.143371
8.87E-06 0.076428 0.379682
0.82803 0.017082 0.285374 0.143371
8.87E-06 0.021736 0.183343
1.00000 0.017082 0.285374 0.143371
8.87E-06 0.118844 0.012996

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.31211 -0.017082 -0.285061 -0.140989
-1.41E-05 -0.269586 -0.772361
0.48408 -0.017082 -0.285061 -0.140989
-1.41E-05 -0.172479 -0.576022
0.65605 -0.017082 -0.285061 -0.140989
-1.41E-05 -0.075371 -0.379682
0.82803 -0.017082 -0.285061 -0.140989
-1.41E-05 -0.022320 -0.183343
1.00000 -0.017082 -0.285061 -0.140989
-1.41E-05 -0.121069 -0.016426

ELEM 98 ========== LENGTH = 4.005052

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.006562 -0.140653 -0.002186
4.10E-06 -0.001961 0.008201
0.17197 0.006562 -0.140653 -0.002186
4.10E-06 -0.000456 0.105078
0.34395 0.006562 -0.140653 -0.002186
4.10E-06 0.001050 0.201955
0.51592 0.006562 -0.140653 -0.002186
4.10E-06 0.002556 0.298832
0.68789 0.006562 -0.140653 -0.002186
4.10E-06 0.004061 0.395709

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.021686 0.283791 -0.124421
-4.74E-05 -0.105221 -0.016571
0.17197 -0.021686 0.283791 -0.124421
-4.74E-05 -0.019524 -0.212036
0.34395 -0.021686 0.283791 -0.124421
-4.74E-05 0.066173 -0.407501
0.51592 -0.021686 0.283791 -0.124421
-4.74E-05 0.151870 -0.602966
0.68789 -0.021686 0.283791 -0.124421
-4.74E-05 0.237567 -0.798431

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.015345 -0.144315 0.143244
4.33E-05 0.121151 0.006776
0.17197 0.015345 -0.144315 0.143244
4.33E-05 0.022489 0.106175
0.34395 0.015345 -0.144315 0.143244
4.33E-05 -0.076172 0.205573
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REL DIST P V2 V3
T M2 M3
0.51592 0.015345 -0.144315 0.143244
4.33E-05 -0.174833 0.304972
0.68789 0.015345 -0.144315 0.143244
4.33E-05 -0.273494 0.404371

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.000221 0.001177 -0.016636
7.01E-08 -0.013969 0.001593
0.17197 -0.000221 0.001177 -0.016636
7.01E-08 -0.002510 0.000783
0.34395 -0.000221 0.001177 -0.016636
7.01E-08 0.008949 -2.75E-05
0.51592 -0.000221 0.001177 -0.016636
7.01E-08 0.020407 -0.000838
0.68789 -0.000221 0.001177 -0.016636
7.01E-08 0.031866 -0.001648

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.021907 -0.284968 0.141058
4.74E-05 0.119189 0.014977
0.17197 0.021907 -0.284968 0.141058
4.74E-05 0.022034 0.211253
0.34395 0.021907 -0.284968 0.141058
4.74E-05 -0.075122 0.407528
0.51592 0.021907 -0.284968 0.141058
4.74E-05 -0.172277 0.603804
0.68789 0.021907 -0.284968 0.141058
4.74E-05 -0.269433 0.800079

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.021907 0.284968 -0.141058
-4.74E-05 -0.119189 -0.014977
0.17197 -0.021907 0.284968 -0.141058
-4.74E-05 -0.022034 -0.211253
0.34395 -0.021907 0.284968 -0.141058
-4.74E-05 0.075122 -0.407528
0.51592 -0.021907 0.284968 -0.141058
-4.74E-05 0.172277 -0.603804
0.68789 -0.021907 0.284968 -0.141058
-4.74E-05 0.269433 -0.800079

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.021907 0.284968 0.143244
4.74E-05 0.121151 0.014977
0.17197 0.021907 0.284968 0.143244
4.74E-05 0.022489 0.211253
0.34395 0.021907 0.284968 0.143244
4.74E-05 0.075122 0.407528
0.51592 0.021907 0.284968 0.143244
4.74E-05 0.172277 0.603804
0.68789 0.021907 0.284968 0.143244
4.74E-05 0.269433 0.800079

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.021907 -0.284968 -0.141058
-4.74E-05 -0.119189 -0.016571
0.17197 -0.021907 -0.284968 -0.141058
-4.74E-05 -0.022034 -0.212036
0.34395 -0.021907 -0.284968 -0.141058
-4.74E-05 -0.076172 -0.407528
0.51592 -0.021907 -0.284968 -0.141058
-4.74E-05 -0.174833 -0.603804
0.68789 -0.021907 -0.284968 -0.141058
-4.74E-05 -0.273494 -0.800079
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ELEM 99 ========== LENGTH = 4.005001

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.31211 0.000963 -0.067323 0.007071
-8.43E-08 0.013634 -0.178243
0.48408 0.000963 -0.067323 0.007071
-8.43E-08 0.008764 -0.131874
0.65605 0.000963 -0.067323 0.007071
-8.43E-08 0.003893 -0.085506
0.82803 0.000963 -0.067323 0.007071
-8.43E-08 -0.000977 -0.039137
1.00000 0.000963 -0.067323 0.007071
-8.43E-08 -0.005848 0.007231

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.001548 0.106826 -0.138461
8.91E-06 -0.264491 0.287443
0.48408 -0.001548 0.106826 -0.138461
8.91E-06 -0.169126 0.213867
0.65605 -0.001548 0.106826 -0.138461
8.91E-06 -0.073761 0.140291
0.82803 -0.001548 0.106826 -0.138461
8.91E-06 0.021604 0.066714
1.00000 -0.001548 0.106826 -0.138461
8.91E-06 0.116968 -0.006862

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.31211 -0.001326 -0.017324 0.143308
-1.25E-05 0.273662 -0.052991

```
 0.48408    -0.001326    -0.017324     0.143308
-1.25E-05    0.174958    -0.041059
 0.65605    -0.001326    -0.017324     0.143308
-1.25E-05    0.076255    -0.029126
 0.82803    -0.001326    -0.017324     0.143308
-1.25E-05   -0.022449    -0.017194
 1.00000    -0.001326    -0.017324     0.143308
-1.25E-05   -0.121152    -0.005262

 LOAD     -P7 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.001911    -0.022179    -0.011919
3.67E-06    -0.022805    -0.056209
 0.48408     0.001911    -0.022179    -0.011919
3.67E-06    -0.014596    -0.040934
 0.65605     0.001911    -0.022179    -0.011919
3.67E-06    -0.006387    -0.025658
 0.82803     0.001911    -0.022179    -0.011919
3.67E-06     0.001822    -0.010383
 1.00000     0.001911    -0.022179    -0.011919
3.67E-06     0.010031     0.004893

 LOAD   -2N+1- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.000363    -0.084647     0.150379
-1.26E-05    0.287296    -0.231234
 0.48408    -0.000363    -0.084647     0.150379
-1.26E-05    0.183722    -0.172933
 0.65605    -0.000363    -0.084647     0.150379
-1.26E-05    0.080148    -0.114632
 0.82803    -0.000363    -0.084647     0.150379
-1.26E-05   -0.023426    -0.056332
 1.00000    -0.000363    -0.084647     0.150379
-1.26E-05   -0.127000     0.001969

 LOAD   -2N+2- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.000363     0.084647    -0.150379
1.26E-05    -0.287296     0.231234
 0.48408     0.000363     0.084647    -0.150379
1.26E-05    -0.183722     0.172933
 0.65605     0.000363     0.084647    -0.150379
1.26E-05    -0.080148     0.114632
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 REL DIST          P           V2           V3
        T          M2          M3
 0.82803     0.000363     0.084647    -0.150379
1.26E-05     0.023426     0.056332
 1.00000     0.000363     0.084647    -0.150379
1.26E-05     0.127000    -0.001969

 COMB   SETTLE ------------------ MAX

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.001911     0.106826     0.150379
1.26E-05     0.287296     0.287443
 0.48408     0.001911     0.106826     0.150379
1.26E-05     0.183722     0.213867
 0.65605     0.001911     0.106826     0.150379
1.26E-05     0.080148     0.140291
 0.82803     0.001911     0.106826     0.150379
1.26E-05     0.023426     0.066714
 1.00000     0.001911     0.106826     0.150379
1.26E-05     0.127000     0.007231

 COMB   SETTLE ------------------ MIN

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.001548    -0.084647    -0.150379
-1.26E-05    -0.287296    -0.231234
 0.48408    -0.001548    -0.084647    -0.150379
-1.26E-05    -0.183722    -0.172933
 0.65605    -0.001548    -0.084647    -0.150379
-1.26E-05    -0.080148    -0.114632
 0.82803    -0.001548    -0.084647    -0.150379
-1.26E-05    -0.023426    -0.056332
 1.00000    -0.001548    -0.084647    -0.150379
-1.26E-05    -0.127000    -0.006862

 ELEM       100 ================== LENGTH =
 4.005003

 LOAD     -P4 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.003766    -0.067435     0.007096
2.87E-06     0.005887     0.005033
 0.17197     0.003766    -0.067435     0.007096
2.87E-06     0.001000     0.051479
 0.34395     0.003766    -0.067435     0.007096
2.87E-06    -0.003887     0.097925
 0.51592     0.003766    -0.067435     0.007096
2.87E-06    -0.008774     0.144371
 0.68789     0.003766    -0.067435     0.007096
2.87E-06    -0.013661     0.190817

 LOAD     -P5 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -0.005190     0.106901    -0.138155
-4.61E-05    -0.116785    -0.009697
 0.17197    -0.005190     0.106901    -0.138155
-4.61E-05    -0.021631    -0.083326
 0.34395    -0.005190     0.106901    -0.138155
-4.61E-05     0.073524    -0.156954
 0.51592    -0.005190     0.106901    -0.138155
-4.61E-05     0.168678    -0.230582
 0.68789    -0.005190     0.106901    -0.138155
-4.61E-05     0.263832    -0.304211

 LOAD     -P6 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -0.002526    -0.017135     0.142754
4.41E-05     0.120640     0.002087
 0.17197    -0.002526    -0.017135     0.142754
4.41E-05     0.022318     0.013888
 0.34395    -0.002526    -0.017135     0.142754
4.41E-05    -0.076004     0.025690
 0.51592    -0.002526    -0.017135     0.142754
4.41E-05    -0.174327     0.037491
 0.68789    -0.002526    -0.017135     0.142754
4.41E-05    -0.272649     0.049293
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 LOAD     -P7 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.003950    -0.022332    -0.011695
-8.11E-07    -0.009742     0.002578
 0.17197     0.003950    -0.022332    -0.011695
-8.11E-07    -0.001687     0.017958
 0.34395     0.003950    -0.022332    -0.011695
-8.11E-07     0.006368     0.033339
 0.51592     0.003950    -0.022332    -0.011695
-8.11E-07     0.014423     0.048720
 0.68789     0.003950    -0.022332    -0.011695
-8.11E-07     0.022477     0.064101

 LOAD   -2N+1- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.001240    -0.084570     0.149850
4.69E-05     0.126527     0.007120
 0.17197     0.001240    -0.084570     0.149850
4.69E-05     0.023318     0.065367
 0.34395     0.001240    -0.084570     0.149850
4.69E-05    -0.079891     0.123615
 0.51592     0.001240    -0.084570     0.149850
4.69E-05    -0.183101     0.181862
 0.68789     0.001240    -0.084570     0.149850
4.69E-05    -0.286310     0.240110

 LOAD   -2N+2- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -0.001240     0.084570    -0.149850
-4.69E-05    -0.126527    -0.007120
 0.17197    -0.001240     0.084570    -0.149850
-4.69E-05    -0.023318    -0.065367
 0.34395    -0.001240     0.084570    -0.149850
-4.69E-05     0.079891    -0.123615
 0.51592    -0.001240     0.084570    -0.149850
-4.69E-05     0.183101    -0.181862
 0.68789    -0.001240     0.084570    -0.149850
-4.69E-05     0.286310    -0.240110

 COMB   SETTLE ------------------ MAX

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.003950     0.106901     0.149850
4.69E-05     0.126527     0.007120
 0.17197     0.003950     0.106901     0.149850
4.69E-05     0.023318     0.065367
 0.34395     0.003950     0.106901     0.149850
4.69E-05     0.079891     0.123615
 0.51592     0.003950     0.106901     0.149850
4.69E-05     0.183101     0.181862
 0.68789     0.003950     0.106901     0.149850
4.69E-05     0.286310     0.240110

 COMB   SETTLE ------------------ MIN

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -0.005190    -0.084570    -0.149850
-4.69E-05    -0.126527    -0.009697
 0.17197    -0.005190    -0.084570    -0.149850
-4.69E-05    -0.023318    -0.083326
 0.34395    -0.005190    -0.084570    -0.149850
-4.69E-05    -0.079891    -0.156954
 0.51592    -0.005190    -0.084570    -0.149850
-4.69E-05    -0.183101    -0.230582
 0.68789    -0.005190    -0.084570    -0.149850
-4.69E-05    -0.286310    -0.304211

 ELEM       101 ================== LENGTH =
 4.005003

 LOAD     -P4 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.002036    -0.027409     0.014161
-4.19E-06     0.027108    -0.071406
 0.48408    -0.002036    -0.027409     0.014161
-4.19E-06     0.017354    -0.052528
 0.65605    -0.002036    -0.027409     0.014161
-4.19E-06     0.007601    -0.033650
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 REL DIST          P           V2           V3
        T          M2          M3
 0.82803    -0.002036    -0.027409     0.014161
-4.19E-06    -0.002152    -0.014772
 1.00000    -0.002036    -0.027409     0.014161
-4.19E-06    -0.011905     0.004106

 LOAD     -P5 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.002560    -0.023729    -0.145631
1.30E-05    -0.278027    -0.063970
 0.48408     0.002560    -0.023729    -0.145631
1.30E-05    -0.177724    -0.047627
 0.65605     0.002560    -0.023729    -0.145631
1.30E-05    -0.077421    -0.031284
 0.82803     0.002560    -0.023729    -0.145631
1.30E-05     0.022882    -0.014941
 1.00000     0.002560    -0.023729    -0.145631
1.30E-05     0.123185     0.001402

 LOAD     -P6 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.005348     0.111836     0.136215
-8.35E-06     0.260000     0.295387
 0.48408    -0.005348     0.111836     0.136215
-8.35E-06     0.166182     0.218360
 0.65605    -0.005348     0.111836     0.136215
-8.35E-06     0.072364     0.141333
 0.82803    -0.005348     0.111836     0.136215
-8.35E-06    -0.021455     0.064306
 1.00000    -0.005348     0.111836     0.136215
-8.35E-06    -0.115273    -0.012722

 LOAD     -P7 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.004824    -0.060699    -0.004745
-4.89E-07    -0.009080    -0.160011
 0.48408     0.004824    -0.060699    -0.004745
-4.89E-07    -0.005812    -0.118205
 0.65605     0.004824    -0.060699    -0.004745
-4.89E-07    -0.002544    -0.076399
 0.82803     0.004824    -0.060699    -0.004745
-4.89E-07     0.000724    -0.034593
 1.00000     0.004824    -0.060699    -0.004745
-4.89E-07     0.003992     0.007214

 LOAD   -2N+1- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.007384     0.084427     0.150376
-1.25E-05     0.287108     0.223981
 0.48408    -0.007384     0.084427     0.150376
-1.25E-05     0.183536     0.165832
 0.65605    -0.007384     0.084427     0.150376
-1.25E-05     0.079965     0.107683
 0.82803    -0.007384     0.084427     0.150376
-1.25E-05    -0.023606     0.049533
 1.00000    -0.007384     0.084427     0.150376
-1.25E-05    -0.127178    -0.008616

 LOAD   -2N+2- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.007384    -0.084427    -0.150376
1.25E-05    -0.287108    -0.223981
 0.48408     0.007384    -0.084427    -0.150376
1.25E-05    -0.183536    -0.165832
 0.65605     0.007384    -0.084427    -0.150376
1.25E-05    -0.079965    -0.107683
 0.82803     0.007384    -0.084427    -0.150376
1.25E-05     0.023606    -0.049533
 1.00000     0.007384    -0.084427    -0.150376
1.25E-05     0.127178     0.008616

 COMB   SETTLE ------------------ MAX

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.007384     0.111836     0.150376
1.30E-05     0.287108     0.295387
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 REL DIST          P           V2           V3
        T          M2          M3
 0.48408     0.007384     0.111836     0.150376
1.30E-05     0.183536     0.218360
 0.65605     0.007384     0.111836     0.150376
1.30E-05     0.079965     0.141333
 0.82803     0.007384     0.111836     0.150376
1.30E-05     0.023606     0.064306
 1.00000     0.007384     0.111836     0.150376
1.30E-05     0.127178     0.008616

 COMB   SETTLE ------------------ MIN

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.007384    -0.084427    -0.150376
-1.25E-05    -0.287108    -0.223981
 0.48408    -0.007384    -0.084427    -0.150376
-1.25E-05    -0.183536    -0.165832
 0.65605    -0.007384    -0.084427    -0.150376
-1.25E-05    -0.079965    -0.107683
 0.82803    -0.007384    -0.084427    -0.150376
-1.25E-05    -0.023606    -0.049533
 1.00000    -0.007384    -0.084427    -0.150376
-1.25E-05    -0.127178    -0.012722

 ELEM       102 ================== LENGTH =
 4.005001

 LOAD     -P4 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -4.58E-05    -0.027751     0.014009
1.32E-06     0.011716     0.002909
 0.17197    -4.58E-05    -0.027751     0.014009
1.32E-06     0.002067     0.022022
 0.34395    -4.58E-05    -0.027751     0.014009
1.32E-06    -0.007581     0.041136
 0.51592    -4.58E-05    -0.027751     0.014009
1.32E-06    -0.017230     0.060250
 0.68789    -4.58E-05    -0.027751     0.014009
1.32E-06    -0.026878     0.079364

 LOAD     -P5 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.001315    -0.023494    -0.144856
-4.46E-05    -0.122371    -0.003809
 0.17197     0.001315    -0.023494    -0.144856
-4.46E-05    -0.022601     0.012373
 0.34395     0.001315    -0.023494    -0.144856
-4.46E-05     0.077169     0.028554
 0.51592     0.001315    -0.023494    -0.144856
-4.46E-05     0.176939     0.044736
 0.68789     0.001315    -0.023494    -0.144856
-4.46E-05     0.276709     0.060917

 LOAD     -P6 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -0.008923     0.112396     0.135250
4.56E-05     0.114181    -0.003619
 0.17197    -0.008923     0.112396     0.135250
4.56E-05     0.021028    -0.081032
 0.34395    -0.008923     0.112396     0.135250
4.56E-05    -0.072126    -0.158445
 0.51592    -0.008923     0.112396     0.135250
4.56E-05    -0.165279    -0.235858
 0.68789    -0.008923     0.112396     0.135250
4.56E-05    -0.258433    -0.313271

 LOAD     -P7 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.007654    -0.061151    -0.004403
-2.34E-06    -0.003526     0.004519
 0.17197     0.007654    -0.061151    -0.004403
-2.34E-06    -0.000494     0.046637
 0.34395     0.007654    -0.061151    -0.004403
-2.34E-06     0.002538     0.088755
 0.51592     0.007654    -0.061151    -0.004403
-2.34E-06     0.005570     0.130872
 0.68789     0.007654    -0.061151    -0.004403
-2.34E-06     0.008603     0.172990
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 LOAD   -2N+1- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -0.008969     0.084645     0.149259
4.69E-05     0.125897    -0.000710
 0.17197    -0.008969     0.084645     0.149259
4.69E-05     0.023095    -0.059010
 0.34395    -0.008969     0.084645     0.149259
4.69E-05    -0.079707    -0.117309
 0.51592    -0.008969     0.084645     0.149259
4.69E-05    -0.182509    -0.175608
 0.68789    -0.008969     0.084645     0.149259
4.69E-05    -0.285311    -0.233908

 LOAD   -2N+2- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.008969    -0.084645    -0.149259
-4.69E-05    -0.125897     0.000710
 0.17197     0.008969    -0.084645    -0.149259
-4.69E-05    -0.023095     0.059010
 0.34395     0.008969    -0.084645    -0.149259
-4.69E-05     0.079707     0.117309
 0.51592     0.008969    -0.084645    -0.149259
-4.69E-05     0.182509     0.175608
 0.68789     0.008969    -0.084645    -0.149259
-4.69E-05     0.285311     0.233908

 COMB   SETTLE ------------------ MAX

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000     0.008969     0.112396     0.149259
4.69E-05     0.125897     0.004519
 0.17197     0.008969     0.112396     0.149259
4.69E-05     0.023095     0.059010
 0.34395     0.008969     0.112396     0.149259
4.69E-05     0.079707     0.117309
 0.51592     0.008969     0.112396     0.149259
4.69E-05     0.182509     0.175608
 0.68789     0.008969     0.112396     0.149259
4.69E-05     0.285311     0.233908

 COMB   SETTLE ------------------ MIN

 REL DIST          P           V2           V3
        T          M2          M3
 0.00000    -0.008969    -0.084645    -0.149259
-4.69E-05    -0.125897    -0.003809
 0.17197    -0.008969    -0.084645    -0.149259
-4.69E-05    -0.023095    -0.081032
 0.34395    -0.008969    -0.084645    -0.149259
-4.69E-05    -0.079707    -0.158445
 0.51592    -0.008969    -0.084645    -0.149259
-4.69E-05    -0.182509    -0.235858
 0.68789    -0.008969    -0.084645    -0.149259
-4.69E-05    -0.285311    -0.313271

 ELEM       103 ================== LENGTH =
 4.005047

 LOAD     -P4 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.004443    -0.007232     0.018891
-7.39E-06     0.036087    -0.017442
 0.48408    -0.004443    -0.007232     0.018891
-7.39E-06     0.023075    -0.012461
 0.65605    -0.004443    -0.007232     0.018891
-7.39E-06     0.010064    -0.007480
 0.82803    -0.004443    -0.007232     0.018891
-7.39E-06    -0.002948    -0.002499
 1.00000    -0.004443    -0.007232     0.018891
-7.39E-06    -0.015960     0.002482

 LOAD     -P5 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.003849    -0.149486    -0.145781
1.44E-05    -0.278178    -0.403377
 0.48408     0.003849    -0.149486    -0.145781
1.44E-05    -0.177770    -0.300417
 0.65605     0.003849    -0.149486    -0.145781
1.44E-05    -0.077361    -0.197457
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 REL DIST          P           V2           V3
        T          M2          M3
 0.82803     0.003849    -0.149486    -0.145781
1.44E-05     0.023047    -0.094497
 1.00000     0.003849    -0.149486    -0.145781
1.44E-05     0.123456     0.008463

 LOAD     -P6 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.006852     0.287924     0.122084
-9.24E-07     0.232916     0.771011
 0.48408    -0.006852     0.287924     0.122084
-9.24E-07     0.148829     0.572700
 0.65605    -0.006852     0.287924     0.122084
-9.24E-07     0.064742     0.374389
 0.82803    -0.006852     0.287924     0.122084
-9.24E-07    -0.019344     0.176078
 1.00000    -0.006852     0.287924     0.122084
-9.24E-07    -0.103431    -0.022234

 LOAD     -P7 ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.007446    -0.131207     0.004806
-6.03E-06     0.009176    -0.350192
 0.48408     0.007446    -0.131207     0.004806
-6.03E-06     0.005865    -0.259822
 0.65605     0.007446    -0.131207     0.004806
-6.03E-06     0.002555    -0.169451
 0.82803     0.007446    -0.131207     0.004806
-6.03E-06    -0.000755    -0.079081
 1.00000     0.007446    -0.131207     0.004806
-6.03E-06    -0.004065     0.011289

 LOAD   -2N+1- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211    -0.011294     0.280692     0.140975
-8.32E-06     0.269003     0.753569
 0.48408    -0.011294     0.280692     0.140975
-8.32E-06     0.171904     0.560239
 0.65605    -0.011294     0.280692     0.140975
-8.32E-06     0.074806     0.366909
 0.82803    -0.011294     0.280692     0.140975
-8.32E-06    -0.022292     0.173578
 1.00000    -0.011294     0.280692     0.140975
-8.32E-06    -0.119391    -0.019752

 LOAD   -2N+2- ------------------

 REL DIST          P           V2           V3
        T          M2          M3
 0.31211     0.011294    -0.280692    -0.140975
8.32E-06    -0.269003    -0.753569
 0.48408     0.011294    -0.280692    -0.140975
```

8.32E-06	-0.171904	-0.560239	
0.65605	0.011294	-0.280692	-0.140975
8.32E-06	-0.074806	-0.366909	
0.82803	0.011294	-0.280692	-0.140975
8.32E-06	0.022292	-0.173578	
1.00000	0.011294	-0.280692	-0.140975
8.32E-06	0.119391	0.019752	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31211	0.011294	0.287924	0.140975
1.44E-05	0.269003	0.771011	
0.48408	0.011294	0.287924	0.140975
1.44E-05	0.171904	0.572700	
0.65605	0.011294	0.287924	0.140975
1.44E-05	0.074806	0.374389	
0.82803	0.011294	0.287924	0.140975
1.44E-05	0.023047	0.176078	
1.00000	0.011294	0.287924	0.140975
1.44E-05	0.123456	0.019752	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31211	-0.011294	-0.280692	-0.145781
-8.32E-06	-0.278178	-0.753569	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.48408	-0.011294	-0.280692	-0.145781
-8.32E-06	-0.177770	-0.560239	
0.65605	-0.011294	-0.280692	-0.145781
-8.32E-06	-0.077361	-0.366909	
0.82803	-0.011294	-0.280692	-0.145781
-8.32E-06	-0.022292	-0.173578	
1.00000	-0.011294	-0.280692	-0.145781
-8.32E-06	-0.119391	-0.022234	

ELEM 104 ========== LENGTH = 4.005042

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003155	-0.005638	0.018577
5.25E-07	0.015557	0.002244	
0.17197	-0.003155	-0.005638	0.018577
5.25E-07	0.002762	0.006127	
0.34395	-0.003155	-0.005638	0.018577
5.25E-07	-0.010033	0.010010	
0.51592	-0.003155	-0.005638	0.018577
5.25E-07	-0.022829	0.013893	
0.68789	-0.003155	-0.005638	0.018577
5.25E-07	-0.035624	0.017776	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004903	-0.150961	-0.144549
-4.34E-05	-0.122020	0.001239	
0.17197	0.004903	-0.150961	-0.144549
-4.34E-05	-0.022460	0.105215	
0.34395	0.004903	-0.150961	-0.144549
-4.34E-05	0.077099	0.209191	
0.51592	0.004903	-0.150961	-0.144549
-4.34E-05	0.176659	0.313167	
0.68789	0.004903	-0.150961	-0.144549
-4.34E-05	0.276219	0.417143	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012962	0.286092	0.120703
4.61E-05	0.101753	-0.011983	
0.17197	-0.012962	0.286092	0.120703
4.61E-05	0.018617	-0.209032	
0.34395	-0.012962	0.286092	0.120703
4.61E-05	-0.064519	-0.406081	
0.51592	-0.012962	0.286092	0.120703
4.61E-05	-0.147654	-0.603130	
0.68789	-0.012962	0.286092	0.120703
4.61E-05	-0.230790	-0.800179	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011214	-0.129493	0.005269
-3.21E-06	0.004711	0.008500	
0.17197	0.011214	-0.129493	0.005269
-3.21E-06	0.001082	0.097690	
0.34395	0.011214	-0.129493	0.005269
-3.21E-06	-0.002548	0.186880	
0.51592	0.011214	-0.129493	0.005269
-3.21E-06	-0.006177	0.276070	
0.68789	0.011214	-0.129493	0.005269
-3.21E-06	-0.009806	0.365260	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016117	0.280454	0.139280
4.66E-05	0.117309	-0.009739	
0.17197	-0.016117	0.280454	0.139280
4.66E-05	0.021379	-0.202905	
0.34395	-0.016117	0.280454	0.139280
4.66E-05	-0.074552	-0.396071	
0.51592	-0.016117	0.280454	0.139280
4.66E-05	-0.170483	-0.589237	
0.68789	-0.016117	0.280454	0.139280
4.66E-05	-0.266413	-0.782403	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016117	-0.280454	-0.139280
-4.66E-05	-0.117309	0.009739	
0.17197	0.016117	-0.280454	-0.139280
-4.66E-05	-0.021379	0.202905	
0.34395	0.016117	-0.280454	-0.139280
-4.66E-05	0.074552	0.396071	
0.51592	0.016117	-0.280454	-0.139280
-4.66E-05	0.170483	0.589237	
0.68789	0.016117	-0.280454	-0.139280
-4.66E-05	0.266413	0.782403	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016117	0.286092	0.139280
4.66E-05	0.117309	0.009739	
0.17197	0.016117	0.286092	0.139280
4.66E-05	0.021379	0.202905	
0.34395	0.016117	0.286092	0.139280
4.66E-05	0.077099	0.396071	
0.51592	0.016117	0.286092	0.139280
4.66E-05	0.176659	0.589237	
0.68789	0.016117	0.286092	0.139280
4.66E-05	0.276219	0.782403	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016117	-0.280454	-0.144549
-4.66E-05	-0.122020	-0.011983	
0.17197	-0.016117	-0.280454	-0.144549
-4.66E-05	-0.022460	-0.209032	
0.34395	-0.016117	-0.280454	-0.144549
-4.66E-05	-0.074552	-0.406081	
0.51592	-0.016117	-0.280454	-0.144549
-4.66E-05	-0.170483	-0.603130	
0.68789	-0.016117	-0.280454	-0.144549
-4.66E-05	-0.266413	-0.800179	

ELEM 105 ========== LENGTH = 4.004134

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31218	-0.008343	0.013438	0.021286
-7.61E-06	0.040602	0.030801	
0.48413	-0.008343	0.013438	0.021286
-7.61E-06	0.025945	0.021548	
0.65609	-0.008343	0.013438	0.021286
-7.61E-06	0.011289	0.012296	
0.82804	-0.008343	0.013438	0.021286
-7.61E-06	-0.003368	0.003043	
1.00000	-0.008343	0.013438	0.021286
-7.61E-06	-0.018024	-0.006209	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31218	0.010473	-0.338020	-0.139177
1.18E-05	-0.265227	-0.859595	
0.48413	0.010473	-0.338020	-0.139177
1.18E-05	-0.169399	-0.626857	
0.65609	0.010473	-0.338020	-0.139177
1.18E-05	-0.073571	-0.394119	
0.82804	0.010473	-0.338020	-0.139177
1.18E-05	0.022256	-0.161381	
1.00000	0.010473	-0.338020	-0.139177
1.18E-05	0.118084	0.071357	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31218	-0.004786	0.606236	0.101264
5.95E-06	0.192739	1.547007	
0.48413	-0.004786	0.606236	0.101264
5.95E-06	0.123015	1.129593	
0.65609	-0.004786	0.606236	0.101264
5.95E-06	0.053292	0.712180	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.82804	-0.004786	0.606236	0.101264
5.95E-06	-0.016432	0.294766	
1.00000	-0.004786	0.606236	0.101264
5.95E-06	-0.086156	-0.122648	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31218	0.002656	-0.281654	0.016626
-1.01E-05	0.031886	-0.718213	
0.48413	0.002656	-0.281654	0.016626
-1.01E-05	0.020439	-0.524284	
0.65609	0.002656	-0.281654	0.016626
-1.01E-05	0.008991	-0.330356	
0.82804	0.002656	-0.281654	0.016626
-1.01E-05	-0.002457	-0.136428	
1.00000	0.002656	-0.281654	0.016626
-1.01E-05	-0.013904	0.057500	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31218	-0.013130	0.619674	0.122551
-1.67E-06	0.233341	1.577808	
0.48413	-0.013130	0.619674	0.122551
-1.67E-06	0.148961	1.151142	
0.65609	-0.013130	0.619674	0.122551
-1.67E-06	0.064580	0.724476	
0.82804	-0.013130	0.619674	0.122551
-1.67E-06	-0.019800	0.297809	
1.00000	-0.013130	0.619674	0.122551
-1.67E-06	-0.104180	-0.128857	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31218	0.013130	-0.619674	-0.122551
1.67E-06	-0.233341	-1.577808	
0.48413	0.013130	-0.619674	-0.122551
1.67E-06	-0.148961	-1.151142	
0.65609	0.013130	-0.619674	-0.122551
1.67E-06	-0.064580	-0.724476	
0.82804	0.013130	-0.619674	-0.122551
1.67E-06	0.019800	-0.297809	
1.00000	0.013130	-0.619674	-0.122551
1.67E-06	0.104180	0.128857	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31218	0.013130	0.619674	0.122551
1.18E-05	0.233341	1.577808	
0.48413	0.013130	0.619674	0.122551
1.18E-05	0.148961	1.151142	
0.65609	0.013130	0.619674	0.122551
1.18E-05	0.064580	0.724476	
0.82804	0.013130	0.619674	0.122551
1.18E-05	0.022256	0.297809	
1.00000	0.013130	0.619674	0.122551
1.18E-05	0.118084	0.128857	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31218	-0.013130	-0.619674	-0.139177
-1.01E-05	-0.265227	-1.577808	
0.48413	-0.013130	-0.619674	-0.139177
-1.01E-05	-0.169399	-1.151142	
0.65609	-0.013130	-0.619674	-0.139177
-1.01E-05	-0.073571	-0.724476	
0.82804	-0.013130	-0.619674	-0.139177
-1.01E-05	-0.019800	-0.297809	
1.00000	-0.013130	-0.619674	-0.139177
-1.01E-05	-0.104180	-0.128857	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 106 ========== LENGTH = 4.005141

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008206	0.008369	0.020789
-1.28E-06	0.017390	-0.005670	
0.17198	-0.008206	0.008369	0.020789
-1.28E-06	0.003071	-0.011435	
0.34395	-0.008206	0.008369	0.020789
-1.28E-06	-0.011249	-0.017199	
0.51593	-0.008206	0.008369	0.020789
-1.28E-06	-0.025568	-0.022963	
0.68790	-0.008206	0.008369	0.020789
-1.28E-06	-0.039887	-0.028727	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017644	-0.261112	-0.137284
-4.02E-05	-0.115838	0.062455	
0.17198	0.017644	-0.261112	-0.137284
-4.02E-05	-0.021279	0.242306	
0.34395	0.017644	-0.261112	-0.137284
-4.02E-05	0.073280	0.422156	
0.51593	0.017644	-0.261112	-0.137284
-4.02E-05	0.167839	0.602006	
0.68790	0.017644	-0.261112	-0.137284
-4.02E-05	0.262398	0.781857	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019625	0.466975	0.099288
4.60E-05	0.083714	-0.111375	
0.17198	-0.019625	0.466975	0.099288
4.60E-05	0.015326	-0.433021	
0.34395	-0.019625	0.466975	0.099288
4.60E-05	-0.053062	-0.754667	
0.51593	-0.019625	0.466975	0.099288
4.60E-05	-0.121450	-1.076312	
0.68790	-0.019625	0.466975	0.099288
4.60E-05	-0.189838	-1.397958	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010188	-0.214232	0.017207
-4.53E-06	0.014734	0.054590	
0.17198	0.010188	-0.214232	0.017207
-4.53E-06	0.002882	0.202150	
0.34395	0.010188	-0.214232	0.017207
-4.53E-06	-0.008969	0.349710	
0.51593	0.010188	-0.214232	0.017207
-4.53E-06	-0.020821	0.497269	
0.68790	0.010188	-0.214232	0.017207
-4.53E-06	-0.032672	0.644829	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.027832	0.475344	0.120077
4.47E-05	0.101104	-0.117045	
0.17198	-0.027832	0.475344	0.120077
4.47E-05	0.018397	-0.444455	
0.34395	-0.027832	0.475344	0.120077
4.47E-05	-0.064310	-0.771865	
0.51593	-0.027832	0.475344	0.120077
4.47E-05	-0.147018	-1.099276	
0.68790	-0.027832	0.475344	0.120077
4.47E-05	-0.229725	-1.426686	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.027832	-0.475344	-0.120077
-4.47E-05	-0.101104	0.117045	
0.17198	0.027832	-0.475344	-0.120077
-4.47E-05	-0.018397	0.444455	
0.34395	0.027832	-0.475344	-0.120077
-4.47E-05	0.064310	0.771865	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.51593	0.027832	-0.475344	-0.120077
-4.47E-05	0.147018	1.099276	
0.68790	0.027832	-0.475344	-0.120077
-4.47E-05	0.229725	1.426686	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.027832	0.475344	0.120077
4.60E-05	0.101104	0.117045	
0.17198	0.027832	0.475344	0.120077
4.60E-05	0.018397	0.444455	
0.34395	0.027832	0.475344	0.120077
4.60E-05	0.073280	0.771865	
0.51593	0.027832	0.475344	0.120077
4.60E-05	0.167839	1.099276	
0.68790	0.027832	0.475344	0.120077
4.60E-05	0.262398	1.426686	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.027832	-0.475344	-0.137284
-4.47E-05	-0.115838	-0.117045	
0.17198	-0.027832	-0.475344	-0.137284
-4.47E-05	-0.021279	-0.444455	
0.34395	-0.027832	-0.475344	-0.137284
-4.47E-05	-0.064310	-0.771865	
0.51593	-0.027832	-0.475344	-0.137284
-4.47E-05	-0.147018	-1.099276	
0.68790	-0.027832	-0.475344	-0.137284
-4.47E-05	-0.229725	-1.426686	

ELEM 107 ========== LENGTH = 4.005261

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31209	-0.009074	0.035966	0.021358
-9.14E-06	0.040675	0.082173	
0.48407	-0.009074	0.035966	0.021358
-9.14E-06	0.025963	0.057399	
0.65604	-0.009074	0.035966	0.021358
-9.14E-06	0.011252	0.032625	
0.82802	-0.009074	0.035966	0.021358
-9.14E-06	-0.003460	0.007851	
1.00000	-0.009074	0.035966	0.021358
-9.14E-06	-0.018171	-0.016923	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31209	-0.004240	-0.502570	-0.127336
1.36E-05	-0.242438	-1.349768	
0.48407	-0.004240	-0.502570	-0.127336
1.36E-05	-0.154727	-1.003590	
0.65604	-0.004240	-0.502570	-0.127336
1.36E-05	-0.067016	-0.657412	
0.82802	-0.004240	-0.502570	-0.127336
1.36E-05	0.020695	-0.311235	
1.00000	-0.004240	-0.502570	-0.127336
1.36E-05	0.108406	0.034943	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31209	0.019000	0.866624	0.077212
8.54E-06	0.146532	2.370733	
0.48407	0.019000	0.866624	0.077212
8.54E-06	0.093347	1.773789	
0.65604	0.019000	0.866624	0.077212
8.54E-06	0.040162	1.176845	
0.82802	0.019000	0.866624	0.077212
8.54E-06	-0.013022	0.579901	
1.00000	0.019000	0.866624	0.077212
8.54E-06	-0.066207	-0.017043	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31209	-0.005686	-0.400021	0.028767
-1.30E-05	0.055232	-1.103138	
0.48407	-0.005686	-0.400021	0.028767
-1.30E-05	0.035417	-0.827598	
0.65604	-0.005686	-0.400021	0.028767
-1.30E-05	0.015602	-0.552058	
0.82802	-0.005686	-0.400021	0.028767
-1.30E-05	-0.004213	-0.276517	
1.00000	-0.005686	-0.400021	0.028767
-1.30E-05	-0.024028	-0.000977	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31209	0.009927	0.902591	0.098569
-6.04E-07	0.187207	2.452906	
0.48407	0.009927	0.902591	0.098569
-6.04E-07	0.119310	1.831188	
0.65604	0.009927	0.902591	0.098569
-6.04E-07	0.051414	1.209470	
0.82802	0.009927	0.902591	0.098569
-6.04E-07	-0.016482	0.587752	
1.00000	0.009927	0.902591	0.098569
-6.04E-07	-0.084378	-0.033966	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.31209	-0.009927	-0.902591	-0.098569
6.04E-07	-0.187207	-2.452906	
0.48407	-0.009927	-0.902591	-0.098569
6.04E-07	-0.119310	-1.831188	
0.65604	-0.009927	-0.902591	-0.098569
6.04E-07	-0.051414	-1.209470	
0.82802	-0.009927	-0.902591	-0.098569
6.04E-07	0.016482	-0.587752	
1.00000	-0.009927	-0.902591	-0.098569
6.04E-07	0.084378	0.033966	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.31209	0.019000	0.902591	0.098569
1.36E-05	0.187207	2.452906	
0.48407	0.019000	0.902591	0.098569
1.36E-05	0.119310	1.831188	
0.65604	0.019000	0.902591	0.098569
1.36E-05	0.051414	1.209470	
0.82802	0.019000	0.902591	0.098569
1.36E-05	0.020695	0.587752	
1.00000	0.019000	0.902591	0.098569
1.36E-05	0.108406	0.034943	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.31209	-0.009927	-0.902591	-0.127336
-1.30E-05	-0.242438	-2.452906	
0.48407	-0.009927	-0.902591	-0.127336
-1.30E-05	-0.154727	-1.831188	
0.65604	-0.009927	-0.902591	-0.127336
-1.30E-05	-0.067016	-1.209470	
0.82802	-0.009927	-0.902591	-0.127336
-1.30E-05	-0.016482	-0.587752	
1.00000	-0.009927	-0.902591	-0.127336
-1.30E-05	-0.084378	-0.033966	

ELEM 108 ========== LENGTH = 4.005273

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010164	0.019650	0.020757
2.55E-07	0.017383	-0.015773	
0.17198	-0.010164	0.019650	0.020757
2.55E-07	0.003085	-0.029308	

0.34396	-0.010164	0.019650	0.020757
2.55E-07	-0.011213	-0.042843	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.51593	-0.010164	0.019650	0.020757
2.55E-07	-0.025510	-0.056378	
0.68791	-0.010164	0.019650	0.020757
2.55E-07	-0.039808	-0.069913	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001192	-0.483344	-0.125183
-3.89E-05	-0.105696	0.025585	
0.17198	0.001192	-0.483344	-0.125183
-3.89E-05	-0.019467	0.358521	
0.34396	0.001192	-0.483344	-0.125183
-3.89E-05	0.066761	0.691457	
0.51593	0.001192	-0.483344	-0.125183
-3.89E-05	0.152989	1.024393	
0.68791	0.001192	-0.483344	-0.125183
-3.89E-05	0.239217	1.357329	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.011338	0.877085	0.074846
4.04E-05	0.063133	-0.006699	
0.17198	0.011338	0.877085	0.074846
4.04E-05	0.011578	-0.610851	
0.34396	0.011338	0.877085	0.074846
4.04E-05	-0.039977	-1.215003	
0.51593	0.011338	0.877085	0.074846
4.04E-05	-0.091533	-1.819154	
0.68791	0.011338	0.877085	0.074846
4.04E-05	-0.143088	-2.423306	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002366	-0.413390	0.029580
-1.78E-06	0.025180	-0.003113	
0.17198	-0.002366	-0.413390	0.029580
-1.78E-06	0.004805	0.281638	
0.34396	-0.002366	-0.413390	0.029580
-1.78E-06	-0.015571	0.566389	
0.51593	-0.002366	-0.413390	0.029580
-1.78E-06	-0.035946	0.851139	
0.68791	-0.002366	-0.413390	0.029580
-1.78E-06	-0.056321	1.135890	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001174	0.896734	0.095603
4.07E-05	0.080516	-0.022472	
0.17198	0.001174	0.896734	0.095603
4.07E-05	0.014663	-0.640159	
0.34396	0.001174	0.896734	0.095603
4.07E-05	-0.051190	-1.257845	
0.51593	0.001174	0.896734	0.095603
4.07E-05	-0.117043	-1.875532	
0.68791	0.001174	0.896734	0.095603
4.07E-05	-0.182896	-2.493219	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001174	-0.896734	-0.095603
-4.07E-05	-0.080516	0.022472	
0.17198	-0.001174	-0.896734	-0.095603
-4.07E-05	-0.014663	0.640159	
0.34396	-0.001174	-0.896734	-0.095603
-4.07E-05	0.051190	1.257845	
0.51593	-0.001174	-0.896734	-0.095603
-4.07E-05	0.117043	1.875532	
0.68791	-0.001174	-0.896734	-0.095603
-4.07E-05	0.182896	2.493219	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.011338	0.896734	0.095603
4.07E-05	0.080516	0.025585	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.17198	0.011338	0.896734	0.095603
4.07E-05	0.014663	0.640159	
0.34396	0.011338	0.896734	0.095603
4.07E-05	0.066761	1.257845	
0.51593	0.011338	0.896734	0.095603
4.07E-05	0.152989	1.875532	
0.68791	0.011338	0.896734	0.095603
4.07E-05	0.239217	2.493219	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010164	-0.896734	-0.125183
-4.07E-05	-0.105696	-0.022472	
0.17198	-0.010164	-0.896734	-0.125183
-4.07E-05	-0.019467	-0.640159	
0.34396	-0.010164	-0.896734	-0.125183
-4.07E-05	-0.051190	-1.257845	
0.51593	-0.010164	-0.896734	-0.125183
-4.07E-05	-0.117043	-1.875532	
0.68791	-0.010164	-0.896734	-0.125183
-4.07E-05	-0.182896	-2.493219	

ELEM 109 ========== LENGTH = 4.005446

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-0.009421	0.038041	0.019822
-7.99E-06	0.037701	0.100490	
0.48406	-0.009421	0.038041	0.019822
-7.99E-06	0.024047	0.074285	
0.65604	-0.009421	0.038041	0.019822
-7.99E-06	0.010392	0.048080	
0.82802	-0.009421	0.038041	0.019822
-7.99E-06	-0.003262	0.021875	
1.00000	-0.009421	0.038041	0.019822
-7.99E-06	-0.016917	-0.004330	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-0.019005	-0.662207	-0.113313
1.48E-05	-0.215644	-1.835313	
0.48406	-0.019005	-0.662207	-0.113313
1.48E-05	-0.137587	-1.379145	
0.65604	-0.019005	-0.662207	-0.113313
1.48E-05	-0.059530	-0.922976	
0.82802	-0.019005	-0.662207	-0.113313
1.48E-05	0.018527	-0.466808	
1.00000	-0.019005	-0.662207	-0.113313
1.48E-05	0.096583	-0.010639	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	0.052922	1.165269	0.053539
5.00E-06	0.101378	3.248046	
0.48406	0.052922	1.165269	0.053539
5.00E-06	0.064497	2.445337	
0.65604	0.052922	1.165269	0.053539
5.00E-06	0.027616	1.642628	
0.82802	0.052922	1.165269	0.053539
5.00E-06	-0.009265	0.839919	
1.00000	0.052922	1.165269	0.053539
5.00E-06	-0.046146	0.037210	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-0.024496	-0.541104	0.039952
-1.18E-05	0.076564	-1.513223	
0.48406	-0.024496	-0.541104	0.039952
-1.18E-05	0.049043	-1.140478	
0.65604	-0.024496	-0.541104	0.039952
-1.18E-05	0.021522	-0.767732	
0.82802	-0.024496	-0.541104	0.039952
-1.18E-05	-0.006000	-0.394986	
1.00000	-0.024496	-0.541104	0.039952
-1.18E-05	-0.033521	-0.022241	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	0.043501	1.203310	0.073361
-2.99E-06	0.139079	3.348537	
0.48406	0.043501	1.203310	0.073361
-2.99E-06	0.088544	2.519622	
0.65604	0.043501	1.203310	0.073361
-2.99E-06	0.038008	1.690708	
0.82802	0.043501	1.203310	0.073361
-2.99E-06	-0.012527	0.861794	
1.00000	0.043501	1.203310	0.073361
-2.99E-06	-0.063063	0.032880	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-0.043501	-1.203310	-0.073361
2.99E-06	-0.139079	-3.348537	
0.48406	-0.043501	-1.203310	-0.073361
2.99E-06	-0.088544	-2.519622	
0.65604	-0.043501	-1.203310	-0.073361
2.99E-06	-0.038008	-1.690708	
0.82802	-0.043501	-1.203310	-0.073361
2.99E-06	0.012527	-0.861794	
1.00000	-0.043501	-1.203310	-0.073361
2.99E-06	0.063063	-0.032880	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	0.052922	1.203310	0.073361
1.48E-05	0.139079	3.348537	
0.48406	0.052922	1.203310	0.073361
1.48E-05	0.088544	2.519622	
0.65604	0.052922	1.203310	0.073361
1.48E-05	0.038008	1.690708	
0.82802	0.052922	1.203310	0.073361
1.48E-05	0.018527	0.861794	
1.00000	0.052922	1.203310	0.073361
1.48E-05	0.096583	0.037210	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-0.043501	-1.203310	-0.113313
-1.18E-05	-0.215644	-3.348537	
0.48406	-0.043501	-1.203310	-0.113313
-1.18E-05	-0.137587	-2.519622	
0.65604	-0.043501	-1.203310	-0.113313
-1.18E-05	-0.059530	-1.690708	
0.82802	-0.043501	-1.203310	-0.113313
-1.18E-05	-0.012527	-0.861794	
1.00000	-0.043501	-1.203310	-0.113313
-1.18E-05	-0.063063	-0.032880	

ELEM 110 ========== LENGTH = 4.004448

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010027	0.041020	0.019119
2.00E-07	0.015975	-0.002891	
0.17196	-0.010027	0.041020	0.019119
2.00E-07	0.002810	-0.031138	
0.34392	-0.010027	0.041020	0.019119
2.00E-07	-0.010356	-0.059385	
0.51589	-0.010027	0.041020	0.019119
2.00E-07	-0.023521	-0.087632	
0.68785	-0.010027	0.041020	0.019119
2.00E-07	-0.036686	-0.115879	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015971	-0.705884	-0.110925
-3.03E-05	-0.093452	-0.019867	
0.17196	-0.015971	-0.705884	-0.110925
-3.03E-05	-0.017068	0.466214	
0.34392	-0.015971	-0.705884	-0.110925
-3.03E-05	0.059317	0.952294	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.51589	-0.015971	-0.705884	-0.110925
-3.03E-05	0.135701	1.438374	
0.68785	-0.015971	-0.705884	-0.110925
-3.03E-05	0.212085	1.924455	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.048555	1.244088	0.050800
2.55E-05	0.042487	0.046390	
0.17196	0.048555	1.244088	0.050800
2.55E-05	0.007505	-0.810303	
0.34392	0.048555	1.244088	0.050800
2.55E-05	-0.027476	-1.666997	
0.51589	0.048555	1.244088	0.050800
2.55E-05	-0.062458	-2.523690	
0.68785	0.048555	1.244088	0.050800
2.55E-05	-0.097440	-3.380384	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.022557	-0.579224	0.041006
4.63E-06	0.034989	-0.023633	
0.17196	-0.022557	-0.579224	0.041006
4.63E-06	0.006752	0.375227	
0.34392	-0.022557	-0.579224	0.041006
4.63E-06	-0.021485	0.774087	
0.51589	-0.022557	-0.579224	0.041006
4.63E-06	-0.049722	1.172948	
0.68785	-0.022557	-0.579224	0.041006
4.63E-06	-0.077959	1.571808	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.038528	1.285108	0.069919
2.57E-05	0.058462	0.043500	
0.17196	0.038528	1.285108	0.069919
2.57E-05	0.010315	-0.841441	
0.34392	0.038528	1.285108	0.069919
2.57E-05	-0.037832	-1.726381	
0.51589	0.038528	1.285108	0.069919
2.57E-05	-0.085979	-2.611322	
0.68785	0.038528	1.285108	0.069919
2.57E-05	-0.134126	-3.496263	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038528	-1.285108	-0.069919
-2.57E-05	-0.058462	-0.043500	
0.17196	-0.038528	-1.285108	-0.069919
-2.57E-05	-0.010315	0.841441	
0.34392	-0.038528	-1.285108	-0.069919
-2.57E-05	0.037832	1.726381	
0.51589	-0.038528	-1.285108	-0.069919
-2.57E-05	0.085979	2.611322	
0.68785	-0.038528	-1.285108	-0.069919
-2.57E-05	0.134126	3.496263	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.048555	1.285108	0.069919
2.57E-05	0.058462	0.046390	
0.17196	0.048555	1.285108	0.069919
2.57E-05	0.010315	0.841441	
0.34392	0.048555	1.285108	0.069919
2.57E-05	0.059317	1.726381	
0.51589	0.048555	1.285108	0.069919
2.57E-05	0.135701	2.611322	
0.68785	0.048555	1.285108	0.069919
2.57E-05	0.212085	3.496263	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038528	-1.285108	-0.110925
-3.03E-05	-0.093452	-0.043500	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.17196	-0.038528	-1.285108	-0.110925
-3.03E-05	-0.017068	-0.841441	
0.34392	-0.038528	-1.285108	-0.110925
-3.03E-05	-0.037832	-1.726381	
0.51589	-0.038528	-1.285108	-0.110925
-3.03E-05	-0.085979	-2.611322	
0.68785	-0.038528	-1.285108	-0.110925
-3.03E-05	-0.134126	-3.496263	

ELEM 111 ========== LENGTH = 4.004664

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	-0.003759	0.116167	0.017077
-7.94E-06	0.032392	0.294073	
0.48410	-0.003759	0.116167	0.017077
-7.94E-06	0.020632	0.214073	
0.65607	-0.003759	0.116167	0.017077
-7.94E-06	0.008871	0.134072	
0.82803	-0.003759	0.116167	0.017077
-7.94E-06	-0.002889	0.054072	
1.00000	-0.003759	0.116167	0.017077
-7.94E-06	-0.014650	-0.025928	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	-0.048903	-1.461664	-0.096637
2.79E-05	-0.183738	-3.959257	
0.48410	-0.048903	-1.461664	-0.096637
2.79E-05	-0.117187	-2.952659	
0.65607	-0.048903	-1.461664	-0.096637
2.79E-05	-0.050636	-1.946061	
0.82803	-0.048903	-1.461664	-0.096637
2.79E-05	0.015915	-0.939463	
1.00000	-0.048903	-1.461664	-0.096637
2.79E-05	0.082466	0.067135	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	0.106786	2.540660	0.027991
-1.53E-05	0.052639	6.947348	
0.48410	0.106786	2.540660	0.027991
-1.53E-05	0.033362	5.197682	
0.65607	0.106786	2.540660	0.027991
-1.53E-05	0.014086	3.448016	
0.82803	0.106786	2.540660	0.027991
-1.53E-05	-0.005191	1.698350	
1.00000	0.106786	2.540660	0.027991
-1.53E-05	-0.024467	-0.051316	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	-0.054123	-1.195163	0.051569
-4.65E-06	0.098707	-3.282164	
0.48410	-0.054123	-1.195163	0.051569
-4.65E-06	0.063193	-2.459096	
0.65607	-0.054123	-1.195163	0.051569
-4.65E-06	0.027679	-1.636028	
0.82803	-0.054123	-1.195163	0.051569
-4.65E-06	-0.007835	-0.812960	
1.00000	-0.054123	-1.195163	0.051569
-4.65E-06	-0.043349	0.010109	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	0.103027	2.656827	0.045068
-2.33E-05	0.085031	7.241421	
0.48410	0.103027	2.656827	0.045068
-2.33E-05	0.053994	5.411755	
0.65607	0.103027	2.656827	0.045068
-2.33E-05	0.022957	3.582088	
0.82803	0.103027	2.656827	0.045068
-2.33E-05	-0.008080	1.752422	
1.00000	0.103027	2.656827	0.045068
-2.33E-05	-0.039117	-0.077244	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	-0.103027	-2.656827	-0.045068
2.33E-05	-0.085031	-7.241421	
0.48410	-0.103027	-2.656827	-0.045068
2.33E-05	-0.053994	-5.411755	
0.65607	-0.103027	-2.656827	-0.045068
2.33E-05	-0.022957	-3.582088	
0.82803	-0.103027	-2.656827	-0.045068
2.33E-05	0.008080	-1.752422	
1.00000	-0.103027	-2.656827	-0.045068
2.33E-05	0.039117	0.077244	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	0.106786	2.656827	0.051569
2.79E-05	0.098707	7.241421	
0.48410	0.106786	2.656827	0.051569
2.79E-05	0.063193	5.411755	
0.65607	0.106786	2.656827	0.051569
2.79E-05	0.027679	3.582088	
0.82803	0.106786	2.656827	0.051569
2.79E-05	0.015915	1.752422	
1.00000	0.106786	2.656827	0.051569
2.79E-05	0.082466	0.077244	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31214	-0.103027	-2.656827	-0.096637
-2.33E-05	-0.183738	-7.241421	
0.48410	-0.103027	-2.656827	-0.096637
-2.33E-05	-0.117187	-5.411755	
0.65607	-0.103027	-2.656827	-0.096637
-2.33E-05	-0.050636	-3.582088	
0.82803	-0.103027	-2.656827	-0.096637
-2.33E-05	-0.008080	-1.752422	
1.00000	-0.103027	-2.656827	-0.096637
-2.33E-05	-0.043349	-0.077244	

ELEM 112 ========== LENGTH = 4.004664

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005653	0.100254	0.016204
1.97E-07	0.013492	-0.024267	
0.17197	-0.005653	0.100254	0.016204
1.97E-07	0.002333	-0.093309	
0.34393	-0.005653	0.100254	0.016204
1.97E-07	-0.008826	-0.162350	
0.51590	-0.005653	0.100254	0.016204
1.97E-07	-0.019985	-0.231392	
0.68786	-0.005653	0.100254	0.016204
1.97E-07	-0.031144	-0.300433	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.041202	-1.434082	-0.093841
-1.89E-05	-0.078801	0.057788	
0.17197	-0.041202	-1.434082	-0.093841
-1.89E-05	-0.014176	1.045391	
0.34393	-0.041202	-1.434082	-0.093841
-1.89E-05	0.050449	2.032994	
0.51590	-0.041202	-1.434082	-0.093841
-1.89E-05	0.115075	3.020597	
0.68786	-0.041202	-1.434082	-0.093841
-1.89E-05	0.179700	4.008201	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.097060	2.533088	0.025005
-2.35E-06	0.020419	-0.042545	
0.17197	0.097060	2.533088	0.025005
-2.35E-06	0.003199	-1.786996	
0.34393	0.097060	2.533088	0.025005
-2.35E-06	-0.014021	-3.531447	

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REL_DIST	P	V2	V3
T	M2	M3	
0.51590	0.097060	2.533088	0.025005
-2.35E-06	-0.031241	-5.275898	

```
 0.68786      0.097060      2.533088      0.025005
-2.35E-06    -0.048461     -7.020349

 LOAD      -P7 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.050205     -1.199260      0.052632
 2.10E-05      0.044890      0.009024
  0.17197     -0.050205     -1.199260      0.052632
 2.10E-05      0.008644      0.834914
  0.34393     -0.050205     -1.199260      0.052632
 2.10E-05     -0.027602      1.660803
  0.51590     -0.050205     -1.199260      0.052632
 2.10E-05     -0.063848      2.486692
  0.68786     -0.050205     -1.199260      0.052632
 2.10E-05     -0.100095      3.312582

 LOAD   -2N+1- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.091407      2.633341      0.041209
-2.15E-06      0.033911     -0.066813
  0.17197      0.091407      2.633341      0.041209
-2.15E-06      0.005532     -1.880305
  0.34393      0.091407      2.633341      0.041209
-2.15E-06     -0.022847     -3.693797
  0.51590      0.091407      2.633341      0.041209
-2.15E-06     -0.051226     -5.507290
  0.68786      0.091407      2.633341      0.041209
-2.15E-06     -0.079605     -7.320782

 LOAD   -2N+2- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.091407     -2.633341     -0.041209
 2.15E-06     -0.033911      0.066813
  0.17197     -0.091407     -2.633341     -0.041209
 2.15E-06     -0.005532      1.880305
  0.34393     -0.091407     -2.633341     -0.041209
 2.15E-06      0.022847      3.693797
  0.51590     -0.091407     -2.633341     -0.041209
 2.15E-06      0.051226      5.507290
  0.68786     -0.091407     -2.633341     -0.041209
 2.15E-06      0.079605      7.320782

 COMB   SETTLE -------------------- MAX

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.097060      2.633341      0.052632
 2.10E-05      0.044890      0.066813
  0.17197      0.097060      2.633341      0.052632
 2.10E-05      0.008644      1.880305
  0.34393      0.097060      2.633341      0.052632
 2.10E-05      0.050449      3.693797
  0.51590      0.097060      2.633341      0.052632
 2.10E-05      0.115075      5.507290
  0.68786      0.097060      2.633341      0.052632
 2.10E-05      0.179700      7.320782

 COMB   SETTLE -------------------- MIN

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.091407     -2.633341     -0.093841
-1.89E-05     -0.078801     -0.066813
  0.17197     -0.091407     -2.633341     -0.093841
-1.89E-05     -0.014176     -1.880305
  0.34393     -0.091407     -2.633341     -0.093841
-1.89E-05     -0.027602     -3.693797
  0.51590     -0.091407     -2.633341     -0.093841
-1.89E-05     -0.063848     -5.507290
  0.68786     -0.091407     -2.633341     -0.093841
-1.89E-05     -0.100095     -7.320782
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 ELEM       113 ==================== LENGTH =
 4.005920

 LOAD      -P4 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204      0.001930      0.058838      0.013374
-6.58E-06      0.025369      0.157300
  0.48403      0.001930      0.058838      0.013374
-6.58E-06      0.016154      0.116762
  0.65602      0.001930      0.058838      0.013374
-6.58E-06      0.006940      0.076223
  0.82801      0.001930      0.058838      0.013374
-6.58E-06     -0.002275      0.035685
  1.00000      0.001930      0.058838      0.013374
-6.58E-06     -0.011489     -0.004854

 LOAD      -P5 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204     -0.028258     -0.669665     -0.075925
3.09E-05     -0.144412     -1.834069
  0.48403     -0.028258     -0.669665     -0.075925
3.09E-05     -0.092101     -1.372683
  0.65602     -0.028258     -0.669665     -0.075925
3.09E-05     -0.039791     -0.911297
  0.82801     -0.028258     -0.669665     -0.075925
3.09E-05      0.012520     -0.449912
  1.00000     -0.028258     -0.669665     -0.075925
3.09E-05      0.064830      0.011474

 LOAD      -P6 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204      0.065290      1.178019     -0.001902
-3.12E-05     -0.004134      3.242720
  0.48403      0.065290      1.178019     -0.001902
-3.12E-05     -0.002823      2.431088
  0.65602      0.065290      1.178019     -0.001902
-3.12E-05     -0.001513      1.619457
  0.82801      0.065290      1.178019     -0.001902
-3.12E-05     -0.000203      0.807826
  1.00000      0.065290      1.178019     -0.001902
-3.12E-05      0.001108     -0.003805

 LOAD      -P7 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204     -0.038962     -0.567192      0.064452
6.93E-06      0.123176     -1.565951
  0.48403     -0.038962     -0.567192      0.064452
6.93E-06      0.078770     -1.175167
  0.65602     -0.038962     -0.567192      0.064452
6.93E-06      0.034364     -0.784383
  0.82801     -0.038962     -0.567192      0.064452
6.93E-06     -0.010042     -0.393599
  1.00000     -0.038962     -0.567192      0.064452
6.93E-06     -0.054448     -0.002815

 LOAD   -2N+1- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204      0.067219      1.236857      0.011472
-3.78E-05      0.021235      3.400020
  0.48403      0.067219      1.236857      0.011472
-3.78E-05      0.013331      2.547850
  0.65602      0.067219      1.236857      0.011472
-3.78E-05      0.005427      1.695681
  0.82801      0.067219      1.236857      0.011472
-3.78E-05     -0.002477      0.843511
  1.00000      0.067219      1.236857      0.011472
-3.78E-05     -0.010382     -0.008659

 LOAD   -2N+2- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204     -0.067219     -1.236857     -0.011472
3.78E-05     -0.021235     -3.400020
  0.48403     -0.067219     -1.236857     -0.011472
3.78E-05     -0.013331     -2.547850
  0.65602     -0.067219     -1.236857     -0.011472
3.78E-05     -0.005427     -1.695681
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 REL_DIST              P             V2             V3
        T             M2             M3
  0.82801     -0.067219     -1.236857     -0.011472
3.78E-05      0.002477     -0.843511
  1.00000     -0.067219     -1.236857     -0.011472
3.78E-05      0.010382      0.008659

 COMB   SETTLE -------------------- MAX

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204      0.067219      1.236857      0.064452
3.78E-05      0.123176      3.400020
  0.48403      0.067219      1.236857      0.064452
3.78E-05      0.078770      2.547850
  0.65602      0.067219      1.236857      0.064452
3.78E-05      0.034364      1.695681
  0.82801      0.067219      1.236857      0.064452
3.78E-05      0.012520      0.843511
  1.00000      0.067219      1.236857      0.064452
3.78E-05      0.064830      0.011474

 COMB   SETTLE -------------------- MIN

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31204     -0.067219     -1.236857     -0.075925
-3.78E-05     -0.144412     -3.400020
  0.48403     -0.067219     -1.236857     -0.075925
-3.78E-05     -0.092101     -2.547850
  0.65602     -0.067219     -1.236857     -0.075925
-3.78E-05     -0.039791     -1.695681
  0.82801     -0.067219     -1.236857     -0.075925
-3.78E-05     -0.010042     -0.843511
  1.00000     -0.067219     -1.236857     -0.075925
-3.78E-05     -0.054448     -0.008659

 ELEM       114 ==================== LENGTH =
 4.004943

 LOAD      -P4 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.000878      0.064235      0.012701
-1.14E-06      0.010582     -0.003156
  0.17197      0.000878      0.064235      0.012701
-1.14E-06      0.001834     -0.047397
  0.34394      0.000878      0.064235      0.012701
-1.14E-06     -0.006913     -0.091638
  0.51591      0.000878      0.064235      0.012701
-1.14E-06     -0.015661     -0.135879
  0.68789      0.000878      0.064235      0.012701
-1.14E-06     -0.024409     -0.180120

 LOAD      -P5 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.022327     -0.700245     -0.073887
1.53E-07     -0.062096      0.001953
  0.17197     -0.022327     -0.700245     -0.073887
1.53E-07     -0.011207      0.484237
  0.34394     -0.022327     -0.700245     -0.073887
1.53E-07      0.039682      0.966522
  0.51591     -0.022327     -0.700245     -0.073887
1.53E-07      0.090571      1.448806
  0.68789     -0.022327     -0.700245     -0.073887
1.53E-07      0.141460      1.931090

 LOAD      -P6 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.056742      1.223234     -0.004006
-3.12E-05     -0.004048      0.005223
  0.17197      0.056742      1.223234     -0.004006
-3.12E-05     -0.001289     -0.837263
  0.34394      0.056742      1.223234     -0.004006
-3.12E-05      0.001470     -1.679748
  0.51591      0.056742      1.223234     -0.004006
-3.12E-05      0.004229     -2.522233
  0.68789      0.056742      1.223234     -0.004006
-3.12E-05      0.006988     -3.364719
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 LOAD      -P7 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.035293     -0.587224      0.065192
3.22E-05      0.055562     -0.004020
  0.17197     -0.035293     -0.587224      0.065192
3.22E-05      0.010662      0.400422
  0.34394     -0.035293     -0.587224      0.065192
3.22E-05     -0.034238      0.804864
  0.51591     -0.035293     -0.587224      0.065192
3.22E-05     -0.079139      1.209307
  0.68789     -0.035293     -0.587224      0.065192
3.22E-05     -0.124039      1.613749

 LOAD   -2N+1- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.057620      1.287469      0.008695
-3.24E-05      0.006533      0.002066
  0.17197      0.057620      1.287469      0.008695
-3.24E-05      0.000545     -0.884660
  0.34394      0.057620      1.287469      0.008695
-3.24E-05     -0.005444     -1.771386
  0.51591      0.057620      1.287469      0.008695
-3.24E-05     -0.011432     -2.658112
  0.68789      0.057620      1.287469      0.008695
-3.24E-05     -0.017421     -3.544838

 LOAD   -2N+2- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.057620     -1.287469     -0.008695
3.24E-05     -0.006533     -0.002066
  0.17197     -0.057620     -1.287469     -0.008695
3.24E-05     -0.000545      0.884660
  0.34394     -0.057620     -1.287469     -0.008695
3.24E-05      0.005444      1.771386
  0.51591     -0.057620     -1.287469     -0.008695
3.24E-05      0.011432      2.658112
  0.68789     -0.057620     -1.287469     -0.008695
3.24E-05      0.017421      3.544838

 COMB   SETTLE -------------------- MAX

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.057620      1.287469      0.065192
3.24E-05      0.055562      0.005223
  0.17197      0.057620      1.287469      0.065192
3.24E-05      0.010662      0.884660
  0.34394      0.057620      1.287469      0.065192
3.24E-05      0.039682      1.771386
  0.51591      0.057620      1.287469      0.065192
3.24E-05      0.090571      2.658112
  0.68789      0.057620      1.287469      0.065192
3.24E-05      0.141460      3.544838

 COMB   SETTLE -------------------- MIN

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.057620     -1.287469     -0.073887
-3.24E-05     -0.062096     -0.004020
  0.17197     -0.057620     -1.287469     -0.073887
-3.24E-05     -0.011207     -0.884660
  0.34394     -0.057620     -1.287469     -0.073887
-3.24E-05     -0.034238     -1.771386
  0.51591     -0.057620     -1.287469     -0.073887
-3.24E-05     -0.079139     -2.658112
  0.68789     -0.057620     -1.287469     -0.073887
-3.24E-05     -0.124039     -3.544838

 ELEM       115 ==================== LENGTH =
 4.005247

 LOAD      -P4 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209      0.001984      0.059016      0.009166
-5.25E-06      0.017354      0.139188
  0.48407      0.001984      0.059016      0.009166
-5.25E-06      0.011040      0.098537
  0.65605      0.001984      0.059016      0.009166
-5.25E-06      0.004727      0.057886
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 REL_DIST              P             V2             V3
        T             M2             M3
  0.82802      0.001984      0.059016      0.009166
-5.25E-06     -0.001587      0.017235
  1.00000      0.001984      0.059016      0.009166
-5.25E-06     -0.007901     -0.023415

 LOAD      -P5 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209     -0.009468     -0.551703     -0.052466
2.83E-05     -0.099682     -1.402360
  0.48407     -0.009468     -0.551703     -0.052466
2.83E-05     -0.063542     -1.022341
  0.65605     -0.009468     -0.551703     -0.052466
2.83E-05     -0.027403     -0.642321
  0.82802     -0.009468     -0.551703     -0.052466
2.83E-05      0.008737     -0.262302
  1.00000     -0.009468     -0.551703     -0.052466
2.83E-05      0.044876      0.117717

 LOAD      -P6 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209      0.028121      0.955653     -0.036025
-3.21E-05     -0.069189      2.472019
  0.48407      0.028121      0.955653     -0.036025
-3.21E-05     -0.044375      1.813755
  0.65605      0.028121      0.955653     -0.036025
-3.21E-05     -0.019561      1.155490
  0.82802      0.028121      0.955653     -0.036025
-3.21E-05      0.005253      0.497225
  1.00000      0.028121      0.955653     -0.036025
-3.21E-05      0.030068     -0.161039

 LOAD      -P7 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209     -0.020638     -0.462966      0.079325
9.06E-06      0.151517     -1.208847
  0.48407     -0.020638     -0.462966      0.079325
9.06E-06      0.096877     -0.889951
  0.65605     -0.020638     -0.462966      0.079325
9.06E-06      0.042237     -0.571055
  0.82802     -0.020638     -0.462966      0.079325
9.06E-06     -0.012403     -0.252159
  1.00000     -0.020638     -0.462966      0.079325
9.06E-06     -0.067042      0.066738

 LOAD   -2N+1- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209      0.030106      1.014669     -0.026859
-3.74E-05     -0.051835      2.611207
  0.48407      0.030106      1.014669     -0.026859
-3.74E-05     -0.033335      1.912292
  0.65605      0.030106      1.014669     -0.026859
-3.74E-05     -0.014834      1.213376
  0.82802      0.030106      1.014669     -0.026859
-3.74E-05      0.003666      0.514461
  1.00000      0.030106      1.014669     -0.026859
-3.74E-05      0.022167     -0.184455

 LOAD   -2N+2- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209     -0.030106     -1.014669      0.026859
3.74E-05      0.051835     -2.611207
  0.48407     -0.030106     -1.014669      0.026859
3.74E-05      0.033335     -1.912292
  0.65605     -0.030106     -1.014669      0.026859
3.74E-05      0.014834     -1.213376
  0.82802     -0.030106     -1.014669      0.026859
3.74E-05     -0.003666     -0.514461
  1.00000     -0.030106     -1.014669      0.026859
3.74E-05     -0.022167      0.184455

 COMB   SETTLE -------------------- MAX

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209      0.030106      1.014669      0.079325
3.74E-05      0.151517      2.611207
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 REL_DIST              P             V2             V3
        T             M2             M3
  0.48407      0.030106      1.014669      0.079325
3.74E-05      0.096877      1.912292
  0.65605      0.030106      1.014669      0.079325
3.74E-05      0.042237      1.213376
  0.82802      0.030106      1.014669      0.079325
3.74E-05      0.008737      0.514461
  1.00000      0.030106      1.014669      0.079325
3.74E-05      0.044876      0.184455

 COMB   SETTLE -------------------- MIN

 REL_DIST              P             V2             V3
        T             M2             M3
  0.31209     -0.030106     -1.014669     -0.052466
-3.74E-05     -0.099682     -2.611207
  0.48407     -0.030106     -1.014669     -0.052466
-3.74E-05     -0.063542     -1.912292
  0.65605     -0.030106     -1.014669     -0.052466
-3.74E-05     -0.027403     -1.213376
  0.82802     -0.030106     -1.014669     -0.052466
-3.74E-05     -0.012403     -0.514461
  1.00000     -0.030106     -1.014669     -0.052466
-3.74E-05     -0.067042     -0.184455

 ELEM       116 ==================== LENGTH =
 4.004248

 LOAD      -P4 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.000551      0.037202      0.008649
-2.10E-06      0.007199     -0.021669
  0.17196     -0.000551      0.037202      0.008649
-2.10E-06      0.001244     -0.047285
  0.34392     -0.000551      0.037202      0.008649
-2.10E-06     -0.004711     -0.072901
  0.51587     -0.000551      0.037202      0.008649
-2.10E-06     -0.010667     -0.098517
  0.68783     -0.000551      0.037202      0.008649
-2.10E-06     -0.016622     -0.124133

 LOAD      -P5 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.004707     -0.430738     -0.050999
1.00E-05     -0.042898      0.107938
  0.17196      0.004707     -0.430738     -0.050999
1.00E-05     -0.007782      0.404528
  0.34392      0.004707     -0.430738     -0.050999
1.00E-05      0.027334      0.701118
  0.51587      0.004707     -0.430738     -0.050999
1.00E-05      0.062450      0.997708
  0.68783      0.004707     -0.430738     -0.050999
1.00E-05      0.097566      1.294298

 LOAD      -P6 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.007395      0.778248     -0.037411
-5.01E-05     -0.032059     -0.151621
  0.17196      0.007395      0.778248     -0.037411
-5.01E-05     -0.006299     -0.687493
  0.34392      0.007395      0.778248     -0.037411
-5.01E-05      0.019460     -1.223365
  0.51587      0.007395      0.778248     -0.037411
-5.01E-05      0.045220     -1.759237
  0.68783      0.007395      0.778248     -0.037411
-5.01E-05      0.070980     -2.295109

 LOAD      -P7 --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.011551     -0.384712      0.079761
4.22E-05      0.067758      0.065352
  0.17196     -0.011551     -0.384712      0.079761
4.22E-05      0.012838      0.330250
  0.34392     -0.011551     -0.384712      0.079761
4.22E-05     -0.042083      0.595148
  0.51587     -0.011551     -0.384712      0.079761
4.22E-05     -0.097003      0.860046
  0.68783     -0.011551     -0.384712      0.079761
4.22E-05     -0.151924      1.124944
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 LOAD   -2N+1- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000      0.006844      0.815450     -0.028762
-5.22E-05     -0.024860     -0.173290
  0.17196      0.006844      0.815450     -0.028762
-5.22E-05     -0.005056     -0.734778
  0.34392      0.006844      0.815450     -0.028762
-5.22E-05      0.014749     -1.296266
  0.51587      0.006844      0.815450     -0.028762
-5.22E-05      0.034553     -1.857754
  0.68783      0.006844      0.815450     -0.028762
-5.22E-05      0.054358     -2.419242

 LOAD   -2N+2- --------------------

 REL_DIST              P             V2             V3
        T             M2             M3
  0.00000     -0.006844     -0.815450      0.028762
 5.22E-05      0.024860      0.173290
  0.17196     -0.006844     -0.815450      0.028762
 5.22E-05      0.005056      0.734778
  0.34392     -0.006844     -0.815450      0.028762
 5.22E-05     -0.014749      1.296266
  0.51587     -0.006844     -0.815450      0.028762
 5.22E-05     -0.034553      1.857754
  0.68783     -0.006844     -0.815450      0.028762
 5.22E-05     -0.054358      2.419242

 COMB   SETTLE -------------------- MAX
```

REL_DIST P V2 V3
T M2 M3
0.00000 0.007395 0.815450 0.079761
5.22E-05 0.067758 0.173290
0.17196 0.007395 0.815450 0.079761
5.22E-05 0.012838 0.734778
0.34392 0.007395 0.815450 0.079761
5.22E-05 0.027334 1.296266
0.51587 0.007395 0.815450 0.079761
5.22E-05 0.062450 1.857754
0.68783 0.007395 0.815450 0.079761
5.22E-05 0.097566 2.419242

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.011551 -0.815450 -0.050999
-5.22E-05 -0.042898 -0.173290
0.17196 -0.011551 -0.815450 -0.050999
-5.22E-05 -0.007782 -0.734778
0.34392 -0.011551 -0.815450 -0.050999
-5.22E-05 -0.042083 -1.296266
0.51587 -0.011551 -0.815450 -0.050999
-5.22E-05 -0.097003 -1.857754
0.68783 -0.011551 -0.815450 -0.050999
-5.22E-05 -0.151924 -2.419242

ELEM 117 ========== LENGTH = 4.004594

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.31214 0.000248 0.035526 0.004868
-3.82E-06 0.009134 0.088026
0.48411 0.000248 0.035526 0.004868
-3.82E-06 0.005782 0.063562
0.65607 0.000248 0.035526 0.004868
-3.82E-06 0.002429 0.039097
0.82804 0.000248 0.035526 0.004868
-3.82E-06 -0.000923 0.014632
1.00000 0.000248 0.035526 0.004868
-3.82E-06 -0.004276 -0.009833

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.31214 0.006099 -0.318860 -0.028508
2.25E-05 -0.053826 -0.833174
0.48411 0.006099 -0.318860 -0.028508
2.25E-05 -0.034194 -0.613591
0.65607 0.006099 -0.318860 -0.028508
2.25E-05 -0.014562 -0.394009
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REL_DIST P V2 V3
T M2 M3
0.82804 0.006099 -0.318860 -0.028508
2.25E-05 0.005070 -0.174427
1.00000 0.006099 -0.318860 -0.028508
2.25E-05 0.024702 0.045156

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.31214 -0.008189 0.577036 -0.070920
-2.60E-05 -0.135929 1.533820
0.48411 -0.008189 0.577036 -0.070920
-2.60E-05 -0.087090 1.136446
0.65607 -0.008189 0.577036 -0.070920
-2.60E-05 -0.038252 0.739071
0.82804 -0.008189 0.577036 -0.070920
-2.60E-05 0.010587 0.341696
1.00000 -0.008189 0.577036 -0.070920
-2.60E-05 0.059426 -0.055679

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.31214 0.001842 -0.293702 0.094559
7.31E-06 0.180620 -0.788673
0.48411 0.001842 -0.293702 0.094559
7.31E-06 0.115502 -0.586416
0.65607 0.001842 -0.293702 0.094559
7.31E-06 0.050384 -0.384158
0.82804 0.001842 -0.293702 0.094559
7.31E-06 -0.014734 -0.181901
1.00000 0.001842 -0.293702 0.094559
7.31E-06 -0.079852 0.020356

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.31214 -0.007941 0.612562 -0.066051
-2.98E-05 -0.126795 1.621847
0.48411 -0.007941 0.612562 -0.066051
-2.98E-05 -0.081308 1.200007
0.65607 -0.007941 0.612562 -0.066051
-2.98E-05 -0.035822 0.778167
0.82804 -0.007941 0.612562 -0.066051
-2.98E-05 0.009664 0.356328
1.00000 -0.007941 0.612562 -0.066051
-2.98E-05 0.055150 -0.065512

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.31214 0.007941 -0.612562 0.066051
2.98E-05 0.126795 -1.621847
0.48411 0.007941 -0.612562 0.066051
2.98E-05 0.081308 -1.200007
0.65607 0.007941 -0.612562 0.066051
2.98E-05 0.035822 -0.778167
0.82804 0.007941 -0.612562 0.066051
2.98E-05 -0.009664 -0.356328
1.00000 0.007941 -0.612562 0.066051
2.98E-05 -0.055150 0.065512

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31214 0.007941 0.612562 0.094559
2.98E-05 0.180620 1.621847
0.48411 0.007941 0.612562 0.094559
2.98E-05 0.115502 1.200007
0.65607 0.007941 0.612562 0.094559
2.98E-05 0.050384 0.778167
0.82804 0.007941 0.612562 0.094559
2.98E-05 0.010587 0.356328
1.00000 0.007941 0.612562 0.094559
2.98E-05 0.059426 0.065512

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31214 -0.008189 -0.612562 -0.070920
-2.98E-05 -0.135929 -1.621847
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REL_DIST P V2 V3
T M2 M3
0.48411 -0.008189 -0.612562 -0.070920
-2.98E-05 -0.087090 -1.200007
0.65607 -0.008189 -0.612562 -0.070920
-2.98E-05 -0.038252 -0.778167
0.82804 -0.008189 -0.612562 -0.070920
-2.98E-05 -0.014734 -0.356328
1.00000 -0.008189 -0.612562 -0.070920
-2.98E-05 -0.079852 -0.065512

ELEM 118 ========== LENGTH = 4.004594

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.001361 0.030519 0.004448
-1.67E-06 0.003706 -0.008488
0.17196 -0.001361 0.030519 0.004448
-1.67E-06 0.000643 -0.029505
0.34393 -0.001361 0.030519 0.004448
-1.67E-06 -0.002420 -0.050522
0.51589 -0.001361 0.030519 0.004448
-1.67E-06 -0.005483 -0.071540
0.68786 -0.001361 0.030519 0.004448
-1.67E-06 -0.008547 -0.092557

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.015118 -0.291235 -0.027356
9.92E-06 -0.023165 0.037614
0.17196 0.015118 -0.291235 -0.027356
9.92E-06 -0.004327 0.238172
0.34393 0.015118 -0.291235 -0.027356
9.92E-06 0.014512 0.438730
0.51589 0.015118 -0.291235 -0.027356
9.92E-06 0.033351 0.639288
0.68786 0.015118 -0.291235 -0.027356
9.92E-06 0.052190 0.839847

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.021321 0.536595 -0.071798
-5.22E-05 -0.060779 -0.049530
0.17196 -0.021321 0.536595 -0.071798
-5.22E-05 -0.011336 -0.419056
0.34393 -0.021321 0.536595 -0.071798
-5.22E-05 0.038108 -0.788581
0.51589 -0.021321 0.536595 -0.071798
-5.22E-05 0.087551 -1.158107
0.68786 -0.021321 0.536595 -0.071798
-5.22E-05 0.136994 -1.527633

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.007563 -0.275880 0.094705
4.40E-05 0.080238 0.020404
0.17196 0.007563 -0.275880 0.094705
4.40E-05 0.015019 0.210389
0.34393 0.007563 -0.275880 0.094705
4.40E-05 -0.050200 0.400373
0.51589 0.007563 -0.275880 0.094705
4.40E-05 -0.115418 0.590358
0.68786 0.007563 -0.275880 0.094705
4.40E-05 -0.180637 0.780343

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.022681 0.567115 -0.067349
-5.39E-05 -0.057073 -0.058018
0.17196 -0.022681 0.567115 -0.067349
-5.39E-05 -0.010693 -0.448561
0.34393 -0.022681 0.567115 -0.067349
-5.39E-05 0.035687 -0.839104
0.51589 -0.022681 0.567115 -0.067349
-5.39E-05 0.082067 -1.229646
0.68786 -0.022681 0.567115 -0.067349
-5.39E-05 0.128447 -1.620189
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LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.022681 -0.567115 0.067349
5.39E-05 0.057073 0.058018
0.17196 0.022681 -0.567115 0.067349
5.39E-05 0.010693 0.448561
0.34393 0.022681 -0.567115 0.067349
5.39E-05 -0.035687 0.839104
0.51589 0.022681 -0.567115 0.067349
5.39E-05 -0.082067 1.229646
0.68786 0.022681 -0.567115 0.067349
5.39E-05 -0.128447 1.620189

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.022681 0.567115 0.094705
5.39E-05 0.080238 0.058018
0.17196 0.022681 0.567115 0.094705
5.39E-05 0.015019 0.448561
0.34393 0.022681 0.567115 0.094705
5.39E-05 0.038108 0.839104
0.51589 0.022681 0.567115 0.094705
5.39E-05 0.087551 1.229646
0.68786 0.022681 0.567115 0.094705
5.39E-05 0.136994 1.620189

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.022681 -0.567115 -0.071798
-5.39E-05 -0.060779 -0.058018
0.17196 -0.022681 -0.567115 -0.071798
-5.39E-05 -0.011336 -0.448561
0.34393 -0.022681 -0.567115 -0.071798
-5.39E-05 -0.050200 -0.839104
0.51589 -0.022681 -0.567115 -0.071798
-5.39E-05 -0.115418 -1.229646
0.68786 -0.022681 -0.567115 -0.071798
-5.39E-05 -0.180637 -1.620189

ELEM 119 ========== LENGTH = 4.005013

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 -0.000196 0.020007 0.001181
-1.88E-06 0.002116 0.048220
0.48408 -0.000196 0.020007 0.001181
-1.88E-06 0.001303 0.034440
0.65605 -0.000196 0.020007 0.001181
-1.88E-06 0.000489 0.020660
0.82803 -0.000196 0.020007 0.001181
-1.88E-06 -0.000324 0.006880
1.00000 -0.000196 0.020007 0.001181
-1.88E-06 -0.001138 -0.006899

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 0.007637 -0.170802 -0.007936
1.24E-05 -0.014637 -0.439293
0.48408 0.007637 -0.170802 -0.007936
1.24E-05 -0.009172 -0.321652
0.65605 0.007637 -0.170802 -0.007936
1.24E-05 -0.003706 -0.204011
0.82803 0.007637 -0.170802 -0.007936
1.24E-05 0.001759 -0.086370
1.00000 0.007637 -0.170802 -0.007936
1.24E-05 0.007225 0.031270

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 -0.012852 0.329229 -0.100732
-1.19E-05 -0.192761 0.870839
0.48408 -0.012852 0.329229 -0.100732
-1.19E-05 -0.123382 0.644081
0.65605 -0.012852 0.329229 -0.100732
-1.19E-05 -0.054002 0.417324
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REL_DIST P V2 V3
T M2 M3
0.82803 -0.012852 0.329229 -0.100732
-1.19E-05 0.015377 0.190566
1.00000 -0.012852 0.329229 -0.100732
-1.19E-05 0.084757 -0.036192

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.31211 0.005410 -0.178434 0.107487
1.41E-06 0.205282 -0.479766
0.48408 0.005410 -0.178434 0.107487
1.41E-06 0.131251 -0.356869
0.65605 0.005410 -0.178434 0.107487
1.41E-06 0.057219 -0.233973
0.82803 0.005410 -0.178434 0.107487
1.41E-06 -0.016813 -0.111076
1.00000 0.005410 -0.178434 0.107487
1.41E-06 -0.090844 0.011821

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.31211 -0.013047 0.349236 -0.099551
-1.38E-05 -0.190645 0.919059
0.48408 -0.013047 0.349236 -0.099551
-1.38E-05 -0.122079 0.678521
0.65605 -0.013047 0.349236 -0.099551
-1.38E-05 -0.053513 0.437984
0.82803 -0.013047 0.349236 -0.099551
-1.38E-05 0.015053 0.197446
1.00000 -0.013047 0.349236 -0.099551
-1.38E-05 0.083619 -0.043091

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.31211 0.013047 -0.349236 0.099551
1.38E-05 0.190645 -0.919059
0.48408 0.013047 -0.349236 0.099551
1.38E-05 0.122079 -0.678521
0.65605 0.013047 -0.349236 0.099551
1.38E-05 0.053513 -0.437984
0.82803 0.013047 -0.349236 0.099551
1.38E-05 -0.015053 -0.197446
1.00000 0.013047 -0.349236 0.099551
1.38E-05 -0.083619 0.043091

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.31211 0.013047 0.349236 0.107487
1.38E-05 0.205282 0.919059
0.48408 0.013047 0.349236 0.107487
1.38E-05 0.131251 0.678521
0.65605 0.013047 0.349236 0.107487
1.38E-05 0.057219 0.437984
0.82803 0.013047 0.349236 0.107487
1.38E-05 0.015377 0.197446
1.00000 0.013047 0.349236 0.107487
1.38E-05 0.084757 0.043091

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.31211 -0.013047 -0.349236 -0.100732
-1.38E-05 -0.192761 -0.919059
0.48408 -0.013047 -0.349236 -0.100732
-1.38E-05 -0.123382 -0.678521
0.65605 -0.013047 -0.349236 -0.100732
-1.38E-05 -0.054002 -0.437984
0.82803 -0.013047 -0.349236 -0.100732
-1.38E-05 0.015813 -0.197446
1.00000 -0.013047 -0.349236 -0.100732
-1.38E-05 -0.090844 -0.043091
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ELEM 120 ========== LENGTH = 4.004982

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.001427 0.017304 0.000852
-1.11E-06 0.000689 -0.005869
0.17197 -0.001427 0.017304 0.000852
-1.11E-06 0.000102 -0.017787
0.34394 -0.001427 0.017304 0.000852
-1.11E-06 -0.000485 -0.029705
0.51592 -0.001427 0.017304 0.000852
-1.11E-06 -0.001072 -0.041623
0.68789 -0.001427 0.017304 0.000852
-1.11E-06 -0.001660 -0.053541

LOAD -P5 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.014549 -0.155855 -0.007125
7.46E-06 -0.006136 0.025480
0.17197 0.014549 -0.155855 -0.007125
7.46E-06 -0.001228 0.132824
0.34394 0.014549 -0.155855 -0.007125
7.46E-06 0.003679 0.240168
0.51592 0.014549 -0.155855 -0.007125
7.46E-06 0.008587 0.347512
0.68789 0.014549 -0.155855 -0.007125
7.46E-06 0.013494 0.454857

LOAD -P6 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.022951 0.307329 -0.101223
-4.92E-05 -0.085602 -0.032600
0.17197 -0.022951 0.307329 -0.101223
-4.92E-05 -0.015884 -0.244272
0.34394 -0.022951 0.307329 -0.101223
-4.92E-05 0.053833 -0.455943
0.51592 -0.022951 0.307329 -0.101223
-4.92E-05 0.123550 -0.667615
0.68789 -0.022951 0.307329 -0.101223
-4.92E-05 0.193267 -0.879286

LOAD -P7 ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.009829 -0.168778 0.107496
4.29E-05 0.091048 0.012989
0.17197 0.009829 -0.168778 0.107496
4.29E-05 0.017011 0.129235
0.34394 0.009829 -0.168778 0.107496
4.29E-05 -0.057027 0.245480
0.51592 0.009829 -0.168778 0.107496
4.29E-05 -0.131064 0.361725
0.68789 0.009829 -0.168778 0.107496
4.29E-05 -0.205102 0.477971

LOAD -2N+1- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 -0.024378 0.324633 -0.100371
-5.03E-05 -0.084913 -0.038469
0.17197 -0.024378 0.324633 -0.100371
-5.03E-05 -0.015783 -0.262059
0.34394 -0.024378 0.324633 -0.100371
-5.03E-05 0.053348 -0.485648
0.51592 -0.024378 0.324633 -0.100371
-5.03E-05 0.122478 -0.709238
0.68789 -0.024378 0.324633 -0.100371
-5.03E-05 0.191608 -0.932827

LOAD -2N+2- ----------

REL_DIST P V2 V3
T M2 M3
0.00000 0.024378 -0.324633 0.100371
5.03E-05 0.084913 0.038469
0.17197 0.024378 -0.324633 0.100371
5.03E-05 0.015783 0.262059
0.34394 0.024378 -0.324633 0.100371
5.03E-05 -0.053348 0.485648
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REL_DIST P V2 V3
T M2 M3
0.51592 0.024378 -0.324633 0.100371
5.03E-05 -0.122478 0.709238
0.68789 0.024378 -0.324633 0.100371
5.03E-05 -0.191608 0.932827

COMB SETTLE ---------- MAX

REL_DIST P V2 V3
T M2 M3
0.00000 0.024378 0.324633 0.107496
5.03E-05 0.091048 0.038469
0.17197 0.024378 0.324633 0.107496
5.03E-05 0.017011 0.262059
0.34394 0.024378 0.324633 0.107496
5.03E-05 0.053833 0.485648
0.51592 0.024378 0.324633 0.107496
5.03E-05 0.123550 0.709238
0.68789 0.024378 0.324633 0.107496
5.03E-05 0.193267 0.932827

COMB SETTLE ---------- MIN

REL_DIST P V2 V3
T M2 M3
0.00000 -0.024378 -0.324633 -0.101223
-5.03E-05 -0.085602 -0.038469
0.17197 -0.024378 -0.324633 -0.101223
-5.03E-05 -0.015884 -0.262059
0.34394 -0.024378 -0.324633 -0.101223
-5.03E-05 -0.057027 -0.485648
0.51592 -0.024378 -0.324633 -0.101223
-5.03E-05 -0.131064 -0.709238
0.68789 -0.024378 -0.324633 -0.101223
-5.03E-05 -0.205102 -0.932827

ELEM 121 ========== LENGTH = 4.004449

LOAD -P4 ----------

REL_DIST P V2 V3
T M2 M3
0.31215 0.000193 0.004036 -0.001664
2.06E-07 -0.003275 0.014449
0.48411 0.000193 0.004036 -0.001664
2.06E-07 -0.002130 0.011670
0.65608 0.000193 0.004036 -0.001664
2.06E-07 -0.000984 0.008891
0.82804 0.000193 0.004036 -0.001664
2.06E-07 0.000162 0.006112
1.00000 0.000193 0.004036 -0.001664
2.06E-07 0.001307 0.003333

LOAD -P5 ----------

REL_DIST T	P M2	V2 M3	V3
0.31215	0.002624	-0.048899	0.007960
8.37E-07	0.015516	-0.158517	
0.48411	0.002624	-0.048899	0.007960
8.37E-07	0.010035	-0.124844	
0.65608	0.002624	-0.048899	0.007960
8.37E-07	0.004554	-0.091171	
0.82804	0.002624	-0.048899	0.007960
8.37E-07	-0.000927	-0.057499	
1.00000	0.002624	-0.048899	0.007960
8.37E-07	-0.006408	-0.023826	

LOAD -P6 ----------

REL_DIST T	P M2	V2 M3	V3
0.31215	-0.004083	0.119073	-0.123859
4.89E-06	-0.236581	0.372287	
0.48411	-0.004083	0.119073	-0.123859
4.89E-06	-0.151290	0.290292	
0.65608	-0.004083	0.119073	-0.123859
4.89E-06	-0.065999	0.208297	
0.82804	-0.004083	0.119073	-0.123859
4.89E-06	0.019292	0.126302	
1.00000	-0.004083	0.119073	-0.123859
4.89E-06	0.104583	0.044307	

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LOAD -P7 ----------

REL_DIST T	P M2	V2 M3	V3
0.31215	0.001266	-0.074209	0.117564
-5.93E-06	0.224341	-0.226220	
0.48411	0.001266	-0.074209	0.117564
-5.93E-06	0.143385	-0.177118	
0.65608	0.001266	-0.074209	0.117564
-5.93E-06	0.062429	-0.126017	
0.82804	0.001266	-0.074209	0.117564
-5.93E-06	-0.018526	-0.074915	
1.00000	0.001266	-0.074209	0.117564
-5.93E-06	-0.099482	-0.023814	

LOAD -2N+1- ----------

REL_DIST T	P M2	V2 M3	V3
0.31215	-0.003890	0.123109	-0.125523
5.10E-06	-0.239857	0.386736	
0.48411	-0.003890	0.123109	-0.125523
5.10E-06	-0.153420	0.301962	
0.65608	-0.003890	0.123109	-0.125523
5.10E-06	-0.066983	0.217188	
0.82804	-0.003890	0.123109	-0.125523
5.10E-06	0.019453	0.132414	
1.00000	-0.003890	0.123109	-0.125523
5.10E-06	0.105890	0.047640	

LOAD -2N+2- ----------

REL_DIST T	P M2	V2 M3	V3
0.31215	0.003890	-0.123109	0.125523
-5.10E-06	0.239857	-0.386736	
0.48411	0.003890	-0.123109	0.125523
-5.10E-06	0.153420	-0.301962	
0.65608	0.003890	-0.123109	0.125523
-5.10E-06	0.066983	-0.217188	
0.82804	0.003890	-0.123109	0.125523
-5.10E-06	-0.019453	-0.132414	
1.00000	0.003890	-0.123109	0.125523
-5.10E-06	-0.105890	-0.047640	

COMB SETTLE ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.31215	0.003890	0.123109	0.125523
5.10E-06	0.239857	0.386736	
0.48411	0.003890	0.123109	0.125523
5.10E-06	0.153420	0.301962	
0.65608	0.003890	0.123109	0.125523
5.10E-06	0.066983	0.217188	
0.82804	0.003890	0.123109	0.125523
5.10E-06	0.019453	0.132414	
1.00000	0.003890	0.123109	0.125523
5.10E-06	0.105890	0.047640	

COMB SETTLE ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.31215	-0.004083	-0.123109	-0.125523
-5.93E-06	-0.239857	-0.386736	
0.48411	-0.004083	-0.123109	-0.125523
-5.93E-06	-0.153420	-0.301962	
0.65608	-0.004083	-0.123109	-0.125523
-5.93E-06	-0.066983	-0.217188	
0.82804	-0.004083	-0.123109	-0.125523
-5.93E-06	-0.019453	-0.132414	
1.00000	-0.004083	-0.123109	-0.125523
-5.93E-06	-0.105890	-0.047640	

ELEM 122 ========== LENGTH = 4.005447

LOAD -P4 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.000180	0.013287	-0.001913
-8.46E-07	-0.001653	0.003921	
0.17198	-0.000180	0.013287	-0.001913
-8.46E-07	-0.000335	-0.005232	
0.34396	-0.000180	0.013287	-0.001913
-8.46E-07	0.000982	-0.014384	

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REL_DIST T	P M2	V2 M3	V3
0.51594	-0.000180	0.013287	-0.001913
-8.46E-07	0.002300	-0.023537	
0.68792	-0.000180	0.013287	-0.001913
-8.46E-07	0.003617	-0.032690	

LOAD -P5 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	0.004769	-0.100148	0.008448
6.06E-06	0.007091	-0.027160	
0.17198	0.004769	-0.100148	0.008448
6.06E-06	0.001271	0.041828	
0.34396	0.004769	-0.100148	0.008448
6.06E-06	-0.004549	0.110816	
0.51594	0.004769	-0.100148	0.008448
6.06E-06	-0.010369	0.179805	
0.68792	0.004769	-0.100148	0.008448
6.06E-06	-0.016189	0.248793	

LOAD -P6 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.007154	0.194205	-0.123788
-4.72E-05	-0.104781	0.044307	
0.17198	-0.007154	0.194205	-0.123788
-4.72E-05	-0.019508	-0.089473	
0.34396	-0.007154	0.194205	-0.123788
-4.72E-05	0.065765	-0.223253	
0.51594	-0.007154	0.194205	-0.123788
-4.72E-05	0.151038	-0.357034	
0.68792	-0.007154	0.194205	-0.123788
-4.72E-05	0.236311	-0.490814	

LOAD -P7 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	0.002566	-0.107343	0.117252
4.20E-05	0.099343	-0.021068	
0.17198	0.002566	-0.107343	0.117252
4.20E-05	0.018573	0.052877	
0.34396	0.002566	-0.107343	0.117252
4.20E-05	-0.062198	0.126821	
0.51594	0.002566	-0.107343	0.117252
4.20E-05	-0.142969	0.200766	
0.68792	0.002566	-0.107343	0.117252
4.20E-05	-0.223739	0.274711	

LOAD -2N+1- ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.007334	0.207492	-0.125701
-4.80E-05	-0.106434	0.048228	
0.17198	-0.007334	0.207492	-0.125701
-4.80E-05	-0.019843	-0.094705	
0.34396	-0.007334	0.207492	-0.125701
-4.80E-05	0.066747	-0.237638	
0.51594	-0.007334	0.207492	-0.125701
-4.80E-05	0.153337	-0.380571	
0.68792	-0.007334	0.207492	-0.125701
-4.80E-05	0.239928	-0.523504	

LOAD -2N+2- ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	0.007334	-0.207492	0.125701
4.80E-05	0.106434	-0.048228	
0.17198	0.007334	-0.207492	0.125701
4.80E-05	0.019843	0.094705	
0.34396	0.007334	-0.207492	0.125701
4.80E-05	-0.066747	0.237638	
0.51594	0.007334	-0.207492	0.125701
4.80E-05	-0.153337	0.380571	
0.68792	0.007334	-0.207492	0.125701
4.80E-05	-0.239928	0.523504	

COMB SETTLE ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	0.007334	0.207492	0.125701
4.80E-05	0.106434	0.048228	

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REL_DIST T	P M2	V2 M3	V3
0.17198	0.007334	0.207492	0.125701
4.80E-05	0.019843	0.094705	
0.34396	0.007334	0.207492	0.125701
4.80E-05	0.066747	0.237638	
0.51594	0.007334	0.207492	0.125701
4.80E-05	0.153337	0.380571	
0.68792	0.007334	0.207492	0.125701
4.80E-05	0.239928	0.523504	

COMB SETTLE ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.007334	-0.207492	-0.125701
-4.80E-05	-0.106434	-0.048228	
0.17198	-0.007334	-0.207492	-0.125701
-4.80E-05	-0.019843	-0.094705	
0.34396	-0.007334	-0.207492	-0.125701
-4.80E-05	-0.066747	-0.237638	
0.51594	-0.007334	-0.207492	-0.125701
-4.80E-05	-0.153337	-0.380571	
0.68792	-0.007334	-0.207492	-0.125701
-4.80E-05	-0.239928	-0.523504	

ELEM 123 ========== LENGTH = 4.004924

LOAD -P4 ----------

REL_DIST T	P M2	V2 M3	V3
0.31212	0.000497	0.002565	-0.003859
1.46E-06	-0.007430	0.004485	
0.48409	0.000497	0.002565	-0.003859
1.46E-06	-0.004772	0.002718	
0.65606	0.000497	0.002565	-0.003859
1.46E-06	-0.002114	0.000951	
0.82803	0.000497	0.002565	-0.003859
1.46E-06	0.000544	-0.000816	
1.00000	0.000497	0.002565	-0.003859
1.46E-06	0.003202	-0.002583	

LOAD -P5 ----------

REL_DIST T	P M2	V2 M3	V3
0.31212	-0.001307	-0.024000	0.020241
-6.21E-06	0.038780	-0.056150	
0.48409	-0.001307	-0.024000	0.020241
-6.21E-06	0.024839	-0.039620	
0.65606	-0.001307	-0.024000	0.020241
-6.21E-06	0.010898	-0.023091	
0.82803	-0.001307	-0.024000	0.020241
-6.21E-06	-0.003042	-0.006561	
1.00000	-0.001307	-0.024000	0.020241
-6.21E-06	-0.016983	0.009968	

LOAD -P6 ----------

REL_DIST T	P M2	V2 M3	V3
0.31212	-0.001750	0.058791	-0.141548
1.50E-05	-0.270158	0.157076	
0.48409	-0.001750	0.058791	-0.141548
1.50E-05	-0.172670	0.116584	
0.65606	-0.001750	0.058791	-0.141548
1.50E-05	-0.075181	0.076093	
0.82803	-0.001750	0.058791	-0.141548
1.50E-05	0.022308	0.035602	
1.00000	-0.001750	0.058791	-0.141548
1.50E-05	0.119797	-0.004890	

LOAD -P7 ----------

REL_DIST T	P M2	V2 M3	V3
0.31212	0.002560	-0.037357	0.125166
-1.03E-05	0.238808	-0.105410	
0.48409	0.002560	-0.037357	0.125166
-1.03E-05	0.152602	-0.079682	
0.65606	0.002560	-0.037357	0.125166
-1.03E-05	0.066396	-0.053953	
0.82803	0.002560	-0.037357	0.125166
-1.03E-05	-0.019809	-0.028224	
1.00000	0.002560	-0.037357	0.125166
-1.03E-05	-0.106015	-0.002496	

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File:2교대구방향S5-S704.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL_DIST T	P M2	V2 M3	V3
0.31212	-0.001253	0.061357	-0.145407
1.65E-05	-0.277588	0.161560	
0.48409	-0.001253	0.061357	-0.145407
1.65E-05	-0.177441	0.119302	
0.65606	-0.001253	0.061357	-0.145407
1.65E-05	-0.077295	0.077044	
0.82803	-0.001253	0.061357	-0.145407
1.65E-05	0.022852	0.034786	
1.00000	-0.001253	0.061357	-0.145407
1.65E-05	0.122998	-0.007473	

LOAD -2N+2- ----------

REL_DIST T	P M2	V2 M3	V3
0.31212	0.001253	-0.061357	0.145407
-1.65E-05	0.277588	-0.161560	
0.48409	0.001253	-0.061357	0.145407
-1.65E-05	0.177441	-0.119302	
0.65606	0.001253	-0.061357	0.145407
-1.65E-05	0.077295	-0.077044	
0.82803	0.001253	-0.061357	0.145407
-1.65E-05	-0.022852	-0.034786	
1.00000	0.001253	-0.061357	0.145407
-1.65E-05	-0.122998	0.007473	

COMB SETTLE ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.31212	0.002560	0.061357	0.145407
1.65E-05	0.277588	0.161560	
0.48409	0.002560	0.061357	0.145407
1.65E-05	0.177441	0.119302	
0.65606	0.002560	0.061357	0.145407
1.65E-05	0.077295	0.077044	
0.82803	0.002560	0.061357	0.145407
1.65E-05	0.022852	0.035602	
1.00000	0.002560	0.061357	0.145407
1.65E-05	0.122998	0.009968	

COMB SETTLE ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.31212	-0.001750	-0.061357	-0.145407
-1.65E-05	-0.277588	-0.161560	
0.48409	-0.001750	-0.061357	-0.145407
-1.65E-05	-0.177441	-0.119302	
0.65606	-0.001750	-0.061357	-0.145407
-1.65E-05	-0.077295	-0.077044	
0.82803	-0.001750	-0.061357	-0.145407
-1.65E-05	-0.022852	-0.034786	
1.00000	-0.001750	-0.061357	-0.145407
-1.65E-05	-0.122998	-0.007473	

ELEM 124 ========== LENGTH = 4.004924

LOAD -P4 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.000174	0.002328	-0.004031
-7.25E-08	-0.003446	-0.002163	
0.17197	-0.000174	0.002328	-0.004031
-7.25E-08	-0.000669	-0.003767	
0.34394	-0.000174	0.002328	-0.004031
-7.25E-08	0.002107	-0.005370	
0.51591	-0.000174	0.002328	-0.004031
-7.25E-08	0.004884	-0.006974	
0.68788	-0.000174	0.002328	-0.004031
-7.25E-08	0.007660	-0.008577	

LOAD -P5 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	0.002473	-0.022707	0.020393
1.70E-06	0.017226	0.007578	
0.17197	0.002473	-0.022707	0.020393
1.70E-06	0.003181	0.023217	
0.34394	0.002473	-0.022707	0.020393
1.70E-06	-0.010865	0.038856	

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File:2교대구방향S5-S704.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST T	P M2	V2 M3	V3
0.51591	0.002473	-0.022707	0.020393
1.70E-06	-0.024911	0.054495	
0.68788	0.002473	-0.022707	0.020393
1.70E-06	-0.038956	0.070134	

LOAD -P6 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.007235	0.056919	-0.141205
-4.08E-05	-0.119578	-0.006264	
0.17197	-0.007235	0.056919	-0.141205
-4.08E-05	-0.022326	-0.045466	
0.34394	-0.007235	0.056919	-0.141205
-4.08E-05	0.074926	-0.084668	
0.51591	-0.007235	0.056919	-0.141205
-4.08E-05	0.172179	-0.123870	
0.68788	-0.007235	0.056919	-0.141205
-4.08E-05	0.269431	-0.163071	

LOAD -P7 ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	0.004936	-0.036540	0.124843
3.92E-05	0.105797	0.000849	
0.17197	0.004936	-0.036540	0.124843
3.92E-05	0.019814	0.026016	
0.34394	0.004936	-0.036540	0.124843
3.92E-05	-0.066169	0.051182	
0.51591	0.004936	-0.036540	0.124843
3.92E-05	-0.152152	0.076348	
0.68788	0.004936	-0.036540	0.124843
3.92E-05	-0.238135	0.101514	

LOAD -2N+1- ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.007409	0.059247	-0.145236
-4.09E-05	-0.123024	-0.008428	
0.17197	-0.007409	0.059247	-0.145236
-4.09E-05	-0.022995	-0.049233	
0.34394	-0.007409	0.059247	-0.145236
-4.09E-05	0.077034	-0.090038	
0.51591	-0.007409	0.059247	-0.145236
-4.09E-05	0.177063	-0.130843	
0.68788	-0.007409	0.059247	-0.145236
-4.09E-05	0.277091	-0.171649	

LOAD -2N+2- ----------

REL_DIST T	P M2	V2 M3	V3
0.00000	0.007409	-0.059247	0.145236
4.09E-05	0.123024	0.008428	
0.17197	0.007409	-0.059247	0.145236
4.09E-05	0.022995	0.049233	
0.34394	0.007409	-0.059247	0.145236
4.09E-05	-0.077034	0.090038	
0.51591	0.007409	-0.059247	0.145236
4.09E-05	-0.177063	0.130843	
0.68788	0.007409	-0.059247	0.145236
4.09E-05	-0.277091	0.171649	

COMB SETTLE ---------- MAX

REL_DIST T	P M2	V2 M3	V3
0.00000	0.007409	0.059247	0.145236
4.09E-05	0.123024	0.008428	
0.17197	0.007409	0.059247	0.145236
4.09E-05	0.022995	0.049233	
0.34394	0.007409	0.059247	0.145236
4.09E-05	0.077034	0.090038	
0.51591	0.007409	0.059247	0.145236
4.09E-05	0.177063	0.130843	
0.68788	0.007409	0.059247	0.145236
4.09E-05	0.277091	0.171649	

COMB SETTLE ---------- MIN

REL_DIST T	P M2	V2 M3	V3
0.00000	-0.007409	-0.059247	-0.145236
-4.09E-05	-0.123024	-0.008428	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST T	P M2	V2 M3	V3
0.17197	-0.007409	-0.059247	-0.145236
-4.09E-05	-0.022995	-0.049233	
0.34394	-0.007409	-0.059247	-0.145236
-4.09E-05	-0.077034	-0.090038	
0.51591	-0.007409	-0.059247	-0.145236
-4.09E-05	-0.177063	-0.130843	
0.68788	-0.007409	-0.059247	-0.145236
-4.09E-05	-0.277091	-0.171649	

ELEM 125 ========== LENGTH = 4.005483

LOAD -P4 ----------

REL_DIST T	P M2	V2 M3	V3
0.31207	0.000153	-0.000223	-0.005629
2.74E-06	-0.010794	-0.002314	
0.48405	0.000153	-0.000223	-0.005629
2.74E-06	-0.006916	-0.002161	
0.65604	0.000153	-0.000223	-0.005629
2.74E-06	-0.003038	-0.002007	
0.82802	0.000153	-0.000223	-0.005629
2.74E-06	0.000840	-0.001853	
1.00000	0.000153	-0.000223	-0.005629
2.74E-06	0.004718	-0.001700	

LOAD -P5 ----------

REL_DIST T	P M2	V2 M3	V3
0.31207	-0.000360	-0.000823	0.030147
-1.34E-05	0.057622	0.003415	
0.48405	-0.000360	-0.000823	0.030147
-1.34E-05	0.036855	0.003982	
0.65604	-0.000360	-0.000823	0.030147
-1.34E-05	0.016087	0.004549	
0.82802	-0.000360	-0.000823	0.030147
-1.34E-05	-0.004680	0.005116	
1.00000	-0.000360	-0.000823	0.030147
-1.34E-05	-0.025448	0.005683	

LOAD -P6 ----------

REL_DIST T	P M2	V2 M3	V3
0.31207	-0.000968	0.007404	-0.155777
2.51E-05	-0.297291	0.022652	
0.48405	-0.000968	0.007404	-0.155777
2.51E-05	-0.189981	0.017551	
0.65604	-0.000968	0.007404	-0.155777
2.51E-05	-0.082670	0.012450	
0.82802	-0.000968	0.007404	-0.155777
2.51E-05	0.024640	0.007350	
1.00000	-0.000968	0.007404	-0.155777
2.51E-05	0.131950	0.002249	

LOAD -P7 ----------

REL_DIST T	P M2	V2 M3	V3
0.31207	0.001175	-0.006358	0.131259
-1.44E-05	0.250462	-0.023753	
0.48405	0.001175	-0.006358	0.131259
-1.44E-05	0.160042	-0.019373	
0.65604	0.001175	-0.006358	0.131259
-1.44E-05	0.069621	-0.014992	
0.82802	0.001175	-0.006358	0.131259
-1.44E-05	-0.020799	-0.010612	
1.00000	0.001175	-0.006358	0.131259
-1.44E-05	-0.111220	-0.006232	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.000815	0.007181	-0.161406
2.78E-05	-0.308085	0.020337	
0.48405	-0.000815	0.007181	-0.161406
2.78E-05	-0.196897	0.015390	
0.65604	-0.000815	0.007181	-0.161406
2.78E-05	-0.085708	0.010443	
0.82802	-0.000815	0.007181	-0.161406
2.78E-05	0.025480	0.005496	
1.00000	-0.000815	0.007181	-0.161406
2.78E-05	0.136668	0.000549	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	0.000815	-0.007181	0.161406
-2.78E-05	0.308085	-0.020337	
0.48405	0.000815	-0.007181	0.161406
-2.78E-05	0.196897	-0.015390	
0.65604	0.000815	-0.007181	0.161406
-2.78E-05	0.085708	-0.010443	
0.82802	0.000815	-0.007181	0.161406
-2.78E-05	-0.025480	-0.005496	
1.00000	0.000815	-0.007181	0.161406
-2.78E-05	-0.136668	-0.000549	

COMB SETTLE ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	0.001175	0.007404	0.161406
2.78E-05	0.308085	0.022652	
0.48405	0.001175	0.007404	0.161406
2.78E-05	0.196897	0.017551	
0.65604	0.001175	0.007404	0.161406
2.78E-05	0.085708	0.012450	
0.82802	0.001175	0.007404	0.161406
2.78E-05	0.025480	0.007350	
1.00000	0.001175	0.007404	0.161406
2.78E-05	0.136668	0.005683	

COMB SETTLE ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31207	-0.000968	-0.007181	-0.161406
-2.78E-05	-0.308085	-0.023753	
0.48405	-0.000968	-0.007181	-0.161406
-2.78E-05	-0.196897	-0.019373	
0.65604	-0.000968	-0.007181	-0.161406
-2.78E-05	-0.085708	-0.014992	
0.82802	-0.000968	-0.007181	-0.161406
-2.78E-05	-0.025480	-0.010612	
1.00000	-0.000968	-0.007181	-0.161406
-2.78E-05	-0.136668	-0.006232	

ELEM 126 ================== LENGTH = 4.004444

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000368	-0.000130	-0.005743
4.97E-07	-0.004881	-0.001478	
0.17196	-0.000368	-0.000130	-0.005743
4.97E-07	-0.000926	-0.001388	
0.34392	-0.000368	-0.000130	-0.005743
4.97E-07	0.003029	-0.001299	
0.51589	-0.000368	-0.000130	-0.005743
4.97E-07	0.006983	-0.001209	
0.68785	-0.000368	-0.000130	-0.005743
4.97E-07	0.010938	-0.001119	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.002577	-0.001356	0.030043
-1.51E-06	0.025339	0.004394	
0.17196	0.002577	-0.001356	0.030043
-1.51E-06	0.004651	0.005328	
0.34392	0.002577	-0.001356	0.030043
-1.51E-06	-0.016037	0.006262	
0.51589	0.002577	-0.001356	0.030043
-1.51E-06	-0.036725	0.007196	
0.68785	0.002577	-0.001356	0.030043
-1.51E-06	-0.057412	0.008130	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005257	0.008167	-0.155273
-3.65E-05	-0.131432	-0.000731	
0.17196	-0.005257	0.008167	-0.155273
-3.65E-05	-0.024510	-0.006355	
0.34392	-0.005257	0.008167	-0.155273
-3.65E-05	0.082413	-0.011979	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.51589	-0.005257	0.008167	-0.155273
-3.65E-05	0.189336	-0.017603	
0.68785	-0.005257	0.008167	-0.155273
-3.65E-05	0.296258	-0.023228	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003049	-0.006681	0.130973
3.76E-05	0.110974	-0.002185	
0.17196	0.003049	-0.006681	0.130973
3.76E-05	0.020785	0.002415	
0.34392	0.003049	-0.006681	0.130973
3.76E-05	-0.069405	0.007016	
0.51589	0.003049	-0.006681	0.130973
3.76E-05	-0.159594	0.011617	
0.68785	0.003049	-0.006681	0.130973
3.76E-05	-0.249784	0.016217	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005625	0.008037	-0.161016
-3.60E-05	-0.136313	-0.002208	
0.17196	-0.005625	0.008037	-0.161016
-3.60E-05	-0.025436	-0.007743	
0.34392	-0.005625	0.008037	-0.161016
-3.60E-05	0.085442	-0.013278	
0.51589	-0.005625	0.008037	-0.161016
-3.60E-05	0.196319	-0.018812	
0.68785	-0.005625	0.008037	-0.161016
-3.60E-05	0.307196	-0.024347	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005625	-0.008037	0.161016
3.60E-05	0.136313	0.002208	
0.17196	0.005625	-0.008037	0.161016
3.60E-05	0.025436	0.007743	
0.34392	0.005625	-0.008037	0.161016
3.60E-05	0.085442	0.013278	
0.51589	0.005625	-0.008037	0.161016
3.60E-05	-0.196319	0.018812	
0.68785	0.005625	-0.008037	0.161016
3.60E-05	-0.307196	0.024347	

COMB SETTLE ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005625	0.008167	0.161016
3.76E-05	0.136313	0.004394	
0.17196	0.005625	0.008167	0.161016
3.76E-05	0.025436	0.007743	
0.34392	0.005625	0.008167	0.161016
3.76E-05	0.085442	0.013278	
0.51589	0.005625	0.008167	0.161016
3.76E-05	0.196319	0.018812	
0.68785	0.005625	0.008167	0.161016
3.76E-05	0.307196	0.024347	

COMB SETTLE ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005625	-0.008037	-0.161016
-3.65E-05	-0.136313	-0.002208	
0.17196	-0.005625	-0.008037	-0.161016
-3.65E-05	-0.025436	-0.007743	
0.34392	-0.005625	-0.008037	-0.161016
-3.65E-05	-0.085442	-0.013278	
0.51589	-0.005625	-0.008037	-0.161016
-3.65E-05	-0.196319	-0.018812	
0.68785	-0.005625	-0.008037	-0.161016
-3.65E-05	-0.307196	-0.024347	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 127 ================== LENGTH = 4.004051

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-0.000644	0.000186	-0.007030
3.80E-06	-0.013429	0.004759	
0.48414	-0.000644	0.000186	-0.007030
3.80E-06	-0.008589	0.004631	
0.65609	-0.000644	0.000186	-0.007030
3.80E-06	-0.003749	0.004502	
0.82805	-0.000644	0.000186	-0.007030
3.80E-06	0.001091	0.004374	
1.00000	-0.000644	0.000186	-0.007030
3.80E-06	0.005932	0.004246	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	0.003576	0.002150	0.037977
-1.93E-05	0.072374	-0.021075	
0.48414	0.003576	0.002150	0.037977
-1.93E-05	0.046227	-0.022556	
0.65609	0.003576	0.002150	0.037977
-1.93E-05	0.020079	-0.024036	
0.82805	0.003576	0.002150	0.037977
-1.93E-05	-0.006069	-0.025516	
1.00000	0.003576	0.002150	0.037977
-1.93E-05	-0.032216	-0.026997	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-0.003131	-0.034073	-0.167272
3.26E-05	-0.318801	-0.042135	
0.48414	-0.003131	-0.034073	-0.167272
3.26E-05	-0.203632	-0.018675	
0.65609	-0.003131	-0.034073	-0.167272
3.26E-05	-0.088463	0.004784	
0.82805	-0.003131	-0.034073	-0.167272
3.26E-05	0.026706	0.028244	
1.00000	-0.003131	-0.034073	-0.167272
3.26E-05	0.141875	0.051704	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	0.000199	0.031737	0.136325
-1.72E-05	0.259856	0.058452	
0.48414	0.000199	0.031737	0.136325
-1.72E-05	0.165995	0.036600	
0.65609	0.000199	0.031737	0.136325
-1.72E-05	0.072133	0.014749	
0.82805	0.000199	0.031737	0.136325
-1.72E-05	-0.021729	-0.007102	
1.00000	0.000199	0.031737	0.136325
-1.72E-05	-0.115590	-0.028953	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-0.003775	-0.033887	-0.174302
3.64E-05	-0.332230	-0.037376	
0.48414	-0.003775	-0.033887	-0.174302
3.64E-05	-0.212221	-0.014045	
0.65609	-0.003775	-0.033887	-0.174302
3.64E-05	-0.092212	0.009287	
0.82805	-0.003775	-0.033887	-0.174302
3.64E-05	0.027797	0.032619	
1.00000	-0.003775	-0.033887	-0.174302
3.64E-05	0.147806	0.055950	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	0.003775	0.033887	0.174302
-3.64E-05	0.332230	0.037376	
0.48414	0.003775	0.033887	0.174302
-3.64E-05	0.212221	0.014045	
0.65609	0.003775	0.033887	0.174302
-3.64E-05	0.092212	-0.009287	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.82805	0.003775	0.033887	0.174302
-3.64E-05	-0.027797	-0.032619	
1.00000	0.003775	0.033887	0.174302
-3.64E-05	-0.147806	-0.055950	

COMB SETTLE ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	0.003775	0.033887	0.174302
3.64E-05	0.332230	0.058452	
0.48414	0.003775	0.033887	0.174302
3.64E-05	0.212221	0.036600	
0.65609	0.003775	0.033887	0.174302
3.64E-05	0.092212	0.014749	
0.82805	0.003775	0.033887	0.174302
3.64E-05	0.027797	0.032619	
1.00000	0.003775	0.033887	0.174302
3.64E-05	0.147806	0.055950	

COMB SETTLE ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31218	-0.003775	-0.034073	-0.174302
-3.64E-05	-0.332230	-0.042135	
0.48414	-0.003775	-0.034073	-0.174302
-3.64E-05	-0.212221	-0.022556	
0.65609	-0.003775	-0.034073	-0.174302
-3.64E-05	-0.092212	-0.024036	
0.82805	-0.003775	-0.034073	-0.174302
-3.64E-05	-0.027797	-0.032619	
1.00000	-0.003775	-0.034073	-0.174302
-3.64E-05	-0.147806	-0.055950	

ELEM 128 ================== LENGTH = 4.005049

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000707	0.007422	-0.007064
1.08E-06	-0.005997	0.004267	
0.17197	-0.000707	0.007422	-0.007064
1.08E-06	-0.001131	-0.000845	
0.34395	-0.000707	0.007422	-0.007064
1.08E-06	0.003734	-0.005957	
0.51592	-0.000707	0.007422	-0.007064
1.08E-06	0.008600	-0.011070	
0.68789	-0.000707	0.007422	-0.007064
1.08E-06	0.013465	-0.016182	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003965	-0.037931	0.037496
-4.70E-06	0.031653	-0.027168	
0.17197	0.003965	-0.037931	0.037496
-4.70E-06	0.005827	-0.001042	
0.34395	0.003965	-0.037931	0.037496
-4.70E-06	-0.019998	0.025083	
0.51592	0.003965	-0.037931	0.037496
-4.70E-06	0.045824	0.051209	
0.68789	0.003965	-0.037931	0.037496
-4.70E-06	-0.071650	0.077335	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003656	0.024743	-0.165927
-3.28E-05	-0.140447	0.047091	
0.17197	-0.003656	0.024743	-0.165927
-3.28E-05	-0.026163	0.030048	
0.34395	-0.003656	0.024743	-0.165927
-3.28E-05	0.088121	0.013006	
0.51592	-0.003656	0.024743	-0.165927
-3.28E-05	0.202405	-0.004036	
0.68789	-0.003656	0.024743	-0.165927
-3.28E-05	0.316689	-0.021078	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.000399	0.005766	0.135495
3.64E-05	0.114790	-0.024190	
0.17197	0.000399	0.005766	0.135495
3.64E-05	0.021467	-0.028161	
0.34395	0.000399	0.005766	0.135495
3.64E-05	-0.071857	-0.032132	
0.51592	0.000399	0.005766	0.135495
3.64E-05	-0.165180	-0.036103	
0.68789	0.000399	0.005766	0.135495
3.64E-05	-0.258504	-0.040074	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004364	0.032166	-0.172991
-3.17E-05	-0.146444	0.051357	
0.17197	-0.004364	0.032166	-0.172991
-3.17E-05	-0.027294	0.029203	
0.34395	-0.004364	0.032166	-0.172991
-3.17E-05	0.091855	0.007049	
0.51592	-0.004364	0.032166	-0.172991
-3.17E-05	0.211005	-0.015106	
0.68789	-0.004364	0.032166	-0.172991
-3.17E-05	0.330154	-0.037260	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004364	-0.032166	0.172991
3.17E-05	0.146444	-0.051357	
0.17197	0.004364	-0.032166	0.172991
3.17E-05	0.027294	-0.029203	
0.34395	0.004364	-0.032166	0.172991
3.17E-05	-0.091855	-0.007049	
0.51592	0.004364	-0.032166	0.172991
3.17E-05	-0.211005	0.015106	
0.68789	0.004364	-0.032166	0.172991
3.17E-05	-0.330154	0.037260	

COMB SETTLE ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004364	0.032166	0.172991
3.64E-05	0.146444	0.051357	
0.17197	0.004364	0.032166	0.172991
3.64E-05	0.027294	0.030048	
0.34395	0.004364	0.032166	0.172991
3.64E-05	0.091855	0.025083	
0.51592	0.004364	0.032166	0.172991
3.64E-05	0.211005	0.051209	
0.68789	0.004364	0.032166	0.172991
3.64E-05	0.330154	0.077335	

COMB SETTLE ------------------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004364	-0.037931	-0.172991
-3.28E-05	-0.146444	-0.051357	
0.17197	-0.004364	-0.037931	-0.172991
-3.28E-05	-0.027294	-0.029203	
0.34395	-0.004364	-0.037931	-0.172991
-3.28E-05	-0.091855	-0.032132	
0.51592	-0.004364	-0.037931	-0.172991
-3.28E-05	-0.211005	-0.036103	
0.68789	-0.004364	-0.037931	-0.172991
-3.28E-05	-0.330154	-0.040074	

ELEM 129 ================== LENGTH = 4.004705

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	-0.000135	0.017091	-0.008180
5.50E-06	-0.015631	0.036101	
0.48410	-0.000135	0.017091	-0.008180
5.50E-06	-0.009997	0.024330	
0.65607	-0.000135	0.017091	-0.008180
5.50E-06	-0.004364	0.012560	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.82803	-0.000135	0.017091	-0.008180
5.50E-06	0.001269	0.000789	
1.00000	-0.000135	0.017091	-0.008180
5.50E-06	0.006902	-0.010981	

LOAD -P5 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	-0.000431	-0.087914	0.044396
-2.86E-05	0.084673	-0.184970	
0.48410	-0.000431	-0.087914	0.044396
-2.86E-05	0.054099	-0.124426	
0.65607	-0.000431	-0.087914	0.044396
-2.86E-05	0.023525	-0.063882	
0.82803	-0.000431	-0.087914	0.044396
-2.86E-05	-0.007050	-0.003337	
1.00000	-0.000431	-0.087914	0.044396
-2.86E-05	-0.037624	0.057207	

LOAD -P6 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	0.009953	0.059961	-0.176246
4.46E-05	-0.336221	0.095729	
0.48410	0.009953	0.059961	-0.176246
4.46E-05	-0.214844	0.054435	
0.65607	0.009953	0.059961	-0.176246
4.46E-05	-0.093468	0.013141	
0.82803	0.009953	0.059961	-0.176246
4.46E-05	0.027909	-0.028152	
1.00000	0.009953	0.059961	-0.176246
4.46E-05	0.149285	-0.069446	

LOAD -P7 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	-0.009387	0.010862	0.140030
-2.15E-05	0.267178	0.053141	
0.48410	-0.009387	0.010862	0.140030
-2.15E-05	0.170743	0.045661	
0.65607	-0.009387	0.010862	0.140030
-2.15E-05	0.074307	0.038180	
0.82803	-0.009387	0.010862	0.140030
-2.15E-05	-0.022128	0.030700	
1.00000	-0.009387	0.010862	0.140030
-2.15E-05	-0.118563	0.023220	

LOAD -2N+1- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	0.009818	0.077052	-0.184426
5.01E-05	-0.351851	0.131829	
0.48410	0.009818	0.077052	-0.184426
5.01E-05	-0.224842	0.078765	
0.65607	0.009818	0.077052	-0.184426
5.01E-05	-0.097832	0.025701	
0.82803	0.009818	0.077052	-0.184426
5.01E-05	0.029178	-0.027363	
1.00000	0.009818	0.077052	-0.184426
5.01E-05	0.156187	-0.080427	

LOAD -2N+2- ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	-0.009818	-0.077052	0.184426
-5.01E-05	0.351851	-0.131829	
0.48410	-0.009818	-0.077052	0.184426
-5.01E-05	0.224842	-0.078765	
0.65607	-0.009818	-0.077052	0.184426
-5.01E-05	0.097832	-0.025701	
0.82803	-0.009818	-0.077052	0.184426
-5.01E-05	-0.029178	0.027363	
1.00000	-0.009818	-0.077052	0.184426
-5.01E-05	-0.156187	0.080427	

COMB SETTLE ------------------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	0.009953	0.077052	0.184426
5.01E-05	0.351851	0.131829	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.48410	0.009953	0.077052	0.184426

5.01E-05 0.224842 0.078765
0.65607 0.009953 0.077052 0.184426
5.01E-05 0.097832 0.038180
0.82803 0.009953 0.077052 0.184426
5.01E-05 0.029178 0.030700
1.00000 0.009953 0.077052 0.184426
5.01E-05 0.156187 0.080427

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31213	-0.009818	-0.087914	-0.184426
-5.01E-05	-0.351851	-0.184970	
0.48410	-0.009818	-0.087914	-0.184426
-5.01E-05	-0.224842	-0.124426	
0.65607	-0.009818	-0.087914	-0.184426
-5.01E-05	-0.097832	-0.063882	
0.82803	-0.009818	-0.087914	-0.184426
-5.01E-05	-0.029178	-0.028152	
1.00000	-0.009818	-0.087914	-0.184426
-5.01E-05	-0.156187	-0.080427	

ELEM 130 ========== LENGTH = 4.005654

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001149	0.002779	-0.008154
1.05E-06	-0.006885	-0.011003	
0.17199	-0.001149	0.002779	-0.008154
1.05E-06	-0.001268	-0.012918	
0.34397	-0.001149	0.002779	-0.008154
1.05E-06	0.004350	-0.014832	
0.51596	-0.001149	0.002779	-0.008154
1.05E-06	0.009968	-0.016746	
0.68794	-0.001149	0.002779	-0.008154
1.05E-06	0.015585	-0.018660	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005217	-0.008684	0.043635
-4.45E-06	0.036674	0.057278	
0.17199	0.005217	-0.008684	0.043635
-4.45E-06	0.006613	0.063260	
0.34397	0.005217	-0.008684	0.043635
-4.45E-06	-0.023449	0.069242	
0.51596	0.005217	-0.008684	0.043635
-4.45E-06	-0.053510	0.075225	
0.68794	0.005217	-0.008684	0.043635
-4.45E-06	-0.083571	0.081207	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.002155	-0.056400	-0.174548
-3.48E-05	-0.147358	-0.074389	
0.17199	0.002155	-0.056400	-0.174548
-3.48E-05	-0.027110	-0.035534	
0.34397	0.002155	-0.056400	-0.174548
-3.48E-05	0.093139	0.003320	
0.51596	0.002155	-0.056400	-0.174548
-3.48E-05	0.213387	0.042175	
0.68794	0.002155	-0.056400	-0.174548
-3.48E-05	0.333636	0.081030	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006223	0.062305	0.139067
3.82E-05	0.117570	0.028114	
0.17199	-0.006223	0.062305	0.139067
3.82E-05	0.021765	-0.014808	
0.34397	-0.006223	0.062305	0.139067
3.82E-05	-0.074040	-0.057731	
0.51596	-0.006223	0.062305	0.139067
3.82E-05	-0.169845	-0.100654	
0.68794	-0.006223	0.062305	0.139067
3.82E-05	-0.265651	-0.143576	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001006	-0.053621	-0.182703
-3.38E-05	-0.154244	-0.085392	
0.17199	0.001006	-0.053621	-0.182703
-3.38E-05	-0.028377	-0.048452	
0.34397	0.001006	-0.053621	-0.182703
-3.38E-05	0.097489	-0.011511	
0.51596	0.001006	-0.053621	-0.182703
-3.38E-05	0.223355	0.025429	
0.68794	0.001006	-0.053621	-0.182703
-3.38E-05	0.349221	0.062369	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001006	0.053621	0.182703
3.38E-05	0.154244	0.085392	
0.17199	-0.001006	0.053621	0.182703
3.38E-05	0.028377	0.048452	
0.34397	-0.001006	0.053621	0.182703
3.38E-05	-0.097489	0.011511	
0.51596	-0.001006	0.053621	0.182703
3.38E-05	-0.223355	-0.025429	
0.68794	-0.001006	0.053621	0.182703
3.38E-05	-0.349221	-0.062369	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005217	0.062305	0.182703
3.82E-05	0.154244	0.085392	
0.17199	0.005217	0.062305	0.182703
3.82E-05	0.028377	0.063260	
0.34397	0.005217	0.062305	0.182703
3.82E-05	0.097489	0.069242	
0.51596	0.005217	0.062305	0.182703
3.82E-05	0.223355	0.075225	
0.68794	0.005217	0.062305	0.182703
3.82E-05	0.349221	0.081207	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006223	-0.056400	-0.182703
-3.48E-05	-0.154244	-0.085392	
0.17199	-0.006223	-0.056400	-0.182703
-3.48E-05	-0.028377	-0.048452	
0.34397	-0.006223	-0.056400	-0.182703
-3.48E-05	-0.097489	-0.057731	
0.51596	-0.006223	-0.056400	-0.182703
-3.48E-05	-0.223355	-0.100654	
0.68794	-0.006223	-0.056400	-0.182703
-3.48E-05	-0.349221	-0.143576	

ELEM 131 ========== LENGTH = 4.005304

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	0.003014	0.023312	-0.009289
3.13E-06	-0.017479	0.070018	
0.48406	0.003014	0.023312	-0.009289
3.13E-06	-0.011081	0.053960	
0.65604	0.003014	0.023312	-0.009289
3.13E-06	-0.004682	0.037902	
0.82802	0.003014	0.023312	-0.009289
3.13E-06	0.001716	0.021844	
1.00000	0.003014	0.023312	-0.009289
3.13E-06	0.008115	0.005786	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-0.020688	-0.115461	0.050526
-1.53E-05	0.094930	-0.354312	
0.48406	-0.020688	-0.115461	0.050526
-1.53E-05	0.060126	-0.274779	
0.65604	-0.020688	-0.115461	0.050526
-1.53E-05	0.025322	-0.195247	

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REL_DIST	P	V2	V3
T	M2	M3	
0.82802	-0.020688	-0.115461	0.050526
-1.53E-05	-0.009482	-0.115714	
1.00000	-0.020688	-0.115461	0.050526
-1.53E-05	-0.044286	-0.036182	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	0.051394	0.013166	-0.188480
2.21E-05	-0.354034	0.108521	
0.48406	0.051394	0.013166	-0.188480
2.21E-05	-0.224204	0.099452	
0.65604	0.051394	0.013166	-0.188480
2.21E-05	-0.094375	0.090382	
0.82802	0.051394	0.013166	-0.188480
2.21E-05	0.035455	0.081313	
1.00000	0.051394	0.013166	-0.188480
2.21E-05	0.165285	0.072244	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-0.033720	0.078983	0.147242
-9.93E-06	0.276583	0.175773	
0.48406	-0.033720	0.078983	0.147242
-9.93E-06	0.175159	0.121368	
0.65604	-0.033720	0.078983	0.147242
-9.93E-06	0.073735	0.066963	
0.82802	-0.033720	0.078983	0.147242
-9.93E-06	-0.027690	0.012557	
1.00000	-0.033720	0.078983	0.147242
-9.93E-06	-0.129114	-0.041848	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	0.054407	0.036478	-0.197769
2.52E-05	-0.371513	0.178539	
0.48406	0.054407	0.036478	-0.197769
2.52E-05	-0.235285	0.153412	
0.65604	0.054407	0.036478	-0.197769
2.52E-05	-0.099057	0.128284	
0.82802	0.054407	0.036478	-0.197769
2.52E-05	0.037172	0.103157	
1.00000	0.054407	0.036478	-0.197769
2.52E-05	0.173400	0.078030	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-0.054407	-0.036478	0.197769
-2.52E-05	0.371513	-0.178539	
0.48406	-0.054407	-0.036478	0.197769
-2.52E-05	0.235285	-0.153412	
0.65604	-0.054407	-0.036478	0.197769
-2.52E-05	0.099057	-0.128284	
0.82802	-0.054407	-0.036478	0.197769
-2.52E-05	-0.037172	-0.103157	
1.00000	-0.054407	-0.036478	0.197769
-2.52E-05	-0.173400	-0.078030	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	0.054407	0.078983	0.197769
2.52E-05	0.371513	0.178539	
0.48406	0.054407	0.078983	0.197769
2.52E-05	0.235285	0.153412	
0.65604	0.054407	0.078983	0.197769
2.52E-05	0.099057	0.128284	
0.82802	0.054407	0.078983	0.197769
2.52E-05	0.037172	0.103157	
1.00000	0.054407	0.078983	0.197769
2.52E-05	0.173400	0.078030	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-0.054407	-0.115461	-0.197769
-2.52E-05	-0.371513	-0.354312	

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REL_DIST	P	V2	V3
T	M2	M3	
0.48406	-0.054407	-0.115461	-0.197769
-2.52E-05	-0.235285	-0.274779	
0.65604	-0.054407	-0.115461	-0.197769
-2.52E-05	-0.099057	-0.195247	
0.82802	-0.054407	-0.115461	-0.197769
-2.52E-05	-0.037172	-0.115714	
1.00000	-0.054407	-0.115461	-0.197769
-2.52E-05	-0.173400	-0.078030	

ELEM 132 ========== LENGTH = 4.004358

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.002147	0.030059	-0.009256
4.93E-06	-0.008073	0.005478	
0.17196	0.002147	0.030059	-0.009256
4.93E-06	-0.001700	-0.015220	
0.34392	0.002147	0.030059	-0.009256
4.93E-06	0.004674	-0.035919	
0.51588	0.002147	0.030059	-0.009256
4.93E-06	0.011048	-0.056617	
0.68784	0.002147	0.030059	-0.009256
4.93E-06	0.017422	-0.077315	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016005	-0.152839	0.049760
-2.58E-05	0.043246	-0.034530	
0.17196	-0.016005	-0.152839	0.049760
-2.58E-05	0.008981	0.070714	
0.34392	-0.016005	-0.152839	0.049760
-2.58E-05	-0.025283	0.175957	
0.51588	-0.016005	-0.152839	0.049760
-2.58E-05	-0.059547	0.281200	
0.68784	-0.016005	-0.152839	0.049760
-2.58E-05	-0.093811	0.386444	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.032317	0.068384	-0.187119
-4.83E-06	-0.163555	0.064655	
0.17196	0.032317	0.068384	-0.187119
-4.83E-06	-0.034707	0.017567	
0.34392	0.032317	0.068384	-0.187119
-4.83E-06	0.094141	-0.029522	
0.51588	0.032317	0.068384	-0.187119
-4.83E-06	0.222989	-0.076610	
0.68784	0.032317	0.068384	-0.187119
-4.83E-06	0.351837	-0.123699	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018459	0.054396	0.146615
2.57E-05	0.128383	-0.035604	
0.17196	-0.018459	0.054396	0.146615
2.57E-05	0.027425	-0.073060	
0.34392	-0.018459	0.054396	0.146615
2.57E-05	-0.073533	-0.110517	
0.51588	-0.018459	0.054396	0.146615
2.57E-05	-0.174490	-0.147973	
0.68784	-0.018459	0.054396	0.146615
2.57E-05	-0.275448	-0.185430	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.034464	0.098443	-0.196375
9.83E-08	-0.171628	0.070133	
0.17196	0.034464	0.098443	-0.196375
9.83E-08	-0.036406	0.002346	
0.34392	0.034464	0.098443	-0.196375
9.83E-08	0.098815	-0.065440	
0.51588	0.034464	0.098443	-0.196375
9.83E-08	0.234037	-0.133227	
0.68784	0.034464	0.098443	-0.196375
9.83E-08	0.369259	-0.201014	

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LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034464	-0.098443	0.196375
-9.83E-08	0.171628	-0.070133	
0.17196	-0.034464	-0.098443	0.196375
-9.83E-08	0.036406	-0.002346	
0.34392	-0.034464	-0.098443	0.196375
-9.83E-08	-0.098815	0.065440	
0.51588	-0.034464	-0.098443	0.196375
-9.83E-08	-0.234037	0.133227	
0.68784	-0.034464	-0.098443	0.196375
-9.83E-08	-0.369259	0.201014	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.034464	0.098443	0.196375
2.57E-05	0.171628	0.070133	
0.17196	0.034464	0.098443	0.196375
2.57E-05	0.036406	0.070714	
0.34392	0.034464	0.098443	0.196375
2.57E-05	0.098815	0.175957	
0.51588	0.034464	0.098443	0.196375
2.57E-05	0.234037	0.281200	
0.68784	0.034464	0.098443	0.196375
2.57E-05	0.369259	0.386444	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034464	-0.152839	-0.196375
-2.58E-05	-0.171628	-0.070133	
0.17196	-0.034464	-0.152839	-0.196375
-2.58E-05	-0.036406	-0.073060	
0.34392	-0.034464	-0.152839	-0.196375
-2.58E-05	-0.098815	-0.110517	
0.51588	-0.034464	-0.152839	-0.196375
-2.58E-05	-0.234037	-0.147973	
0.68784	-0.034464	-0.152839	-0.196375
-2.58E-05	-0.369259	-0.201014	

ELEM 133 ========== LENGTH = 4.004942

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.008900	0.130248	-0.007649
9.30E-06	-0.016259	0.368418	
0.48409	0.008900	0.130248	-0.007649
9.30E-06	-0.010991	0.278711	
0.65606	0.008900	0.130248	-0.007649
9.30E-06	-0.005723	0.189005	
0.82803	0.008900	0.130248	-0.007649
9.30E-06	-0.000455	0.099299	
1.00000	0.008900	0.130248	-0.007649
9.30E-06	0.004813	0.009592	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.059663	-0.658982	0.041687
-4.89E-05	0.088399	-1.879004	
0.48409	-0.059663	-0.658982	0.041687
-4.89E-05	0.059687	-1.425140	
0.65606	-0.059663	-0.658982	0.041687
-4.89E-05	0.030975	-0.971275	
0.82803	-0.059663	-0.658982	0.041687
-4.89E-05	0.002264	-0.517411	
1.00000	-0.059663	-0.658982	0.041687
-4.89E-05	-0.026448	-0.063546	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.093031	0.231078	-0.152118
7.43E-05	-0.322958	0.775399	
0.48409	0.093031	0.231078	-0.152118
7.43E-05	-0.218189	0.616247	
0.65606	0.093031	0.231078	-0.152118
7.43E-05	-0.113420	0.457096	

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REL_DIST	P	V2	V3
T	M2	M3	
0.82803	0.093031	0.231078	-0.152118
7.43E-05	-0.008651	0.297944	
1.00000	0.093031	0.231078	-0.152118
7.43E-05	0.096118	0.138792	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.042269	0.297656	0.118079
-3.47E-05	0.250819	0.735187	
0.48409	-0.042269	0.297656	0.118079
-3.47E-05	0.169494	0.530181	
0.65606	-0.042269	0.297656	0.118079
-3.47E-05	0.088168	0.325175	
0.82803	-0.042269	0.297656	0.118079
-3.47E-05	0.006843	0.120169	
1.00000	-0.042269	0.297656	0.118079
-3.47E-05	-0.074483	-0.084838	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.101932	0.361326	-0.159767
8.36E-05	-0.339218	1.143817	
0.48409	0.101932	0.361326	-0.159767
8.36E-05	-0.229180	0.894959	
0.65606	0.101932	0.361326	-0.159767
8.36E-05	-0.119143	0.646100	
0.82803	0.101932	0.361326	-0.159767
8.36E-05	-0.009106	0.397242	
1.00000	0.101932	0.361326	-0.159767
8.36E-05	0.100931	0.148384	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.101932	-0.361326	0.159767
-8.36E-05	0.339218	-1.143817	
0.48409	-0.101932	-0.361326	0.159767
-8.36E-05	0.229180	-0.894959	
0.65606	-0.101932	-0.361326	0.159767
-8.36E-05	0.119143	-0.646100	
0.82803	-0.101932	-0.361326	0.159767
-8.36E-05	0.009106	-0.397242	
1.00000	-0.101932	-0.361326	0.159767
-8.36E-05	-0.100931	-0.148384	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	0.101932	0.361326	0.159767
8.36E-05	0.339218	1.143817	
0.48409	0.101932	0.361326	0.159767
8.36E-05	0.229180	0.894959	
0.65606	0.101932	0.361326	0.159767
8.36E-05	0.119143	0.646100	
0.82803	0.101932	0.361326	0.159767
8.36E-05	0.009106	0.397242	
1.00000	0.101932	0.361326	0.159767
8.36E-05	0.100931	0.148384	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-0.101932	-0.658982	-0.159767
-8.36E-05	-0.339218	-1.879004	
0.48409	-0.101932	-0.658982	-0.159767
-8.36E-05	-0.229180	-1.425140	
0.65606	-0.101932	-0.658982	-0.159767
-8.36E-05	-0.119143	-0.971275	
0.82803	-0.101932	-0.658982	-0.159767
-8.36E-05	-0.009106	-0.517411	
1.00000	-0.101932	-0.658982	-0.159767
-8.36E-05	-0.100931	-0.148384	

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ELEM 134 ========== LENGTH = 4.004997

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.013377	0.137610	-0.007561
1.39E-06	-0.004700	0.009349	
0.17197	0.013377	0.137610	-0.007561
1.39E-06	0.000508	-0.085429	
0.34394	0.013377	0.137610	-0.007561
1.39E-06	0.005715	-0.180208	
0.51592	0.013377	0.137610	-0.007561
1.39E-06	0.010923	-0.274986	
0.68789	0.013377	0.137610	-0.007561
1.39E-06	0.016130	-0.369765	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.083932	-0.699753	0.040634
-5.82E-06	0.025036	-0.062232	
0.17197	-0.083932	-0.699753	0.040634
-5.82E-06	-0.002951	0.419722	

```
 0.34394     -0.083932     -0.699753      0.040634
-5.82E-06    -0.030938      0.901677
 0.51592     -0.083932     -0.699753      0.040634
-5.82E-06    -0.058925      1.383631
 0.68789     -0.083932     -0.699753      0.040634
-5.82E-06    -0.086912      1.865585

 LOAD      -P6 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.178234      0.290633     -0.150180
-4.98E-05    -0.093706      0.133917
 0.17197      0.178234      0.290633     -0.150180
-4.98E-05     0.009730     -0.066256
 0.34394      0.178234      0.290633     -0.150180
-4.98E-05     0.113167     -0.266429
 0.51592      0.178234      0.290633     -0.150180
-4.98E-05     0.216604     -0.466602
 0.68789      0.178234      0.290633     -0.150180
-4.98E-05     0.320040     -0.666775

 LOAD      -P7 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.107679      0.271511      0.117107
5.42E-05     0.073370     -0.081035
 0.17197     -0.107679      0.271511      0.117107
5.42E-05    -0.007287     -0.268037
 0.34394     -0.107679      0.271511      0.117107
5.42E-05    -0.087945     -0.455040
 0.51592     -0.107679      0.271511      0.117107
5.42E-05    -0.168603     -0.642043
 0.68789     -0.107679      0.271511      0.117107
5.42E-05    -0.249259     -0.829046

 LOAD   -2N+1- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.191610      0.428242     -0.157741
-4.84E-05    -0.098406      0.143267
 0.17197      0.191610      0.428242     -0.157741
-4.84E-05     0.010238     -0.151685
 0.34394      0.191610      0.428242     -0.157741
-4.84E-05     0.118882     -0.446636
 0.51592      0.191610      0.428242     -0.157741
-4.84E-05     0.227527     -0.741588
 0.68789      0.191610      0.428242     -0.157741
-4.84E-05     0.336171     -1.036540

 LOAD   -2N+2- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.191610     -0.428242      0.157741
4.84E-05     0.098406     -0.143267
 0.17197     -0.191610     -0.428242      0.157741
4.84E-05    -0.010238      0.151685
 0.34394     -0.191610     -0.428242      0.157741
4.84E-05    -0.118882      0.446636
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 REL_DIST             P             V2             V3
        T            M2            M3
 0.51592     -0.191610     -0.428242      0.157741
4.84E-05    -0.227527      0.741588
 0.68789     -0.191610     -0.428242      0.157741
4.84E-05    -0.336171      1.036540

 COMB   SETTLE -------------------- MAX

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.191610      0.428242      0.157741
5.42E-05     0.098406      0.143267
 0.17197      0.191610      0.428242      0.157741
5.42E-05     0.010238      0.419722
 0.34394      0.191610      0.428242      0.157741
5.42E-05     0.118882      0.901677
 0.51592      0.191610      0.428242      0.157741
5.42E-05     0.227527      1.383631
 0.68789      0.191610      0.428242      0.157741
5.42E-05     0.336171      1.865585

 COMB   SETTLE -------------------- MIN

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.191610     -0.699753     -0.157741
-4.98E-05    -0.098406     -0.143267
 0.17197     -0.191610     -0.699753     -0.157741
-4.98E-05    -0.010238     -0.268037
 0.34394     -0.191610     -0.699753     -0.157741
-4.98E-05    -0.118882     -0.455040
 0.51592     -0.191610     -0.699753     -0.157741
-4.98E-05    -0.227527     -0.741588
 0.68789     -0.191610     -0.699753     -0.157741
-4.98E-05    -0.336171     -1.036540

 ELEM      135 ================== LENGTH =
 4.482826

 LOAD      -P4 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.001337      0.029301      0.062982
3.86E-06     0.145378      0.007370
 0.25000     -0.001337      0.029301      0.062982
3.86E-06     0.074794     -0.025468
 0.50000     -0.001337      0.029301      0.062982
3.86E-06     0.004210     -0.058306
 0.75000     -0.001337      0.029301      0.062982
3.86E-06    -0.066374     -0.091144
 1.00000     -0.001337      0.029301      0.062982
3.86E-06    -0.136958     -0.123982

 LOAD      -P5 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.002891     -0.063581     -0.080105
2.88E-06    -0.185070     -0.009397
 0.25000      0.002891     -0.063581     -0.080105
2.88E-06    -0.095296      0.061859
 0.50000      0.002891     -0.063581     -0.080105
2.88E-06    -0.005522      0.133114
 0.75000      0.002891     -0.063581     -0.080105
2.88E-06     0.084252      0.204370
 1.00000      0.002891     -0.063581     -0.080105
2.88E-06     0.174026      0.275626

 LOAD      -P6 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.001838      0.041874      0.021727
-8.54E-06     0.050353      0.002571
 0.25000     -0.001838      0.041874      0.021727
-8.54E-06     0.026003     -0.044358
 0.50000     -0.001838      0.041874      0.021727
-8.54E-06     0.001654     -0.091287
 0.75000     -0.001838      0.041874      0.021727
-8.54E-06    -0.022696     -0.138216
 1.00000     -0.001838      0.041874      0.021727
-8.54E-06    -0.047046     -0.185144
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 LOAD      -P7 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.000283     -0.007594     -0.004604
1.80E-06    -0.010662     -0.000543
 0.25000      0.000283     -0.007594     -0.004604
1.80E-06    -0.005502      0.007968
 0.50000      0.000283     -0.007594     -0.004604
1.80E-06    -0.000342      0.016479
 0.75000      0.000283     -0.007594     -0.004604
1.80E-06     0.004818      0.024990
 1.00000      0.000283     -0.007594     -0.004604
1.80E-06     0.009977      0.033501

 LOAD   -2N+1- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.003175      0.071175      0.084709
-4.69E-06     0.195731      0.009941
 0.25000     -0.003175      0.071175      0.084709
-4.69E-06     0.100798     -0.069826
 0.50000     -0.003175      0.071175      0.084709
-4.69E-06     0.005864     -0.149593
 0.75000     -0.003175      0.071175      0.084709
-4.69E-06    -0.089070     -0.229360
 1.00000     -0.003175      0.071175      0.084709
-4.69E-06    -0.184004     -0.309126

 LOAD   -2N+2- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.003175     -0.071175     -0.084709
4.69E-06    -0.195731     -0.009941
 0.25000      0.003175     -0.071175     -0.084709
4.69E-06    -0.100798     -0.069826
 0.50000      0.003175     -0.071175     -0.084709
4.69E-06    -0.005864     -0.149593
 0.75000      0.003175     -0.071175     -0.084709
4.69E-06     0.089070     -0.229360
 1.00000      0.003175     -0.071175     -0.084709
4.69E-06     0.184004     -0.309126

 COMB   SETTLE -------------------- MAX

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.003175      0.071175      0.084709
4.69E-06     0.195731      0.009941
 0.25000      0.003175      0.071175      0.084709
4.69E-06     0.100798      0.069826
 0.50000      0.003175      0.071175      0.084709
4.69E-06     0.005864      0.149593
 0.75000      0.003175      0.071175      0.084709
4.69E-06     0.089070      0.229360
 1.00000      0.003175      0.071175      0.084709
4.69E-06     0.184004      0.309126

 COMB   SETTLE -------------------- MIN

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.003175     -0.071175     -0.084709
-8.54E-06    -0.195731     -0.009941
 0.25000     -0.003175     -0.071175     -0.084709
-8.54E-06    -0.100798     -0.069826
 0.50000     -0.003175     -0.071175     -0.084709
-8.54E-06    -0.005864     -0.149593
 0.75000     -0.003175     -0.071175     -0.084709
-8.54E-06    -0.089070     -0.229360
 1.00000     -0.003175     -0.071175     -0.084709
-8.54E-06    -0.184004     -0.309126

 ELEM      136 ================== LENGTH =
 4.980875

 LOAD      -P4 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.002177      0.053101      0.046695
3.03E-06     0.116149     -0.111296
 0.25000     -0.002177      0.053101      0.046695
3.03E-06     0.058004     -0.177418
 0.50000     -0.002177      0.053101      0.046695
3.03E-06    -0.000141     -0.243540
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 REL_DIST             P             V2             V3
        T            M2            M3
 0.75000     -0.002177      0.053101      0.046695
3.03E-06    -0.058287     -0.309663
 1.00000     -0.002177      0.053101      0.046695
3.03E-06    -0.116432     -0.375785

 LOAD      -P5 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.004873     -0.117774     -0.058726
2.94E-06    -0.146486      0.259579
 0.25000      0.004873     -0.117774     -0.058726
2.94E-06    -0.073359      0.406234
 0.50000      0.004873     -0.117774     -0.058726
2.94E-06    -0.000233      0.552889
 0.75000      0.004873     -0.117774     -0.058726
2.94E-06     0.072893      0.699544
 1.00000      0.004873     -0.117774     -0.058726
2.94E-06     0.146019      0.846199

 LOAD      -P6 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.003166      0.078961      0.015308
-7.60E-06     0.038573     -0.180875
 0.25000     -0.003166      0.078961      0.015308
-7.60E-06     0.019511     -0.279199
 0.50000     -0.003166      0.078961      0.015308
-7.60E-06     0.000450     -0.377523
 0.75000     -0.003166      0.078961      0.015308
-7.60E-06    -0.018612     -0.475847
 1.00000     -0.003166      0.078961      0.015308
-7.60E-06    -0.037674     -0.574171

 LOAD      -P7 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.000470     -0.014288     -0.003277
1.62E-06    -0.008237      0.032592
 0.25000      0.000470     -0.014288     -0.003277
1.62E-06    -0.004156      0.050383
 0.50000      0.000470     -0.014288     -0.003277
1.62E-06    -7.49E-05      0.068174
 0.75000      0.000470     -0.014288     -0.003277
1.62E-06     0.004006      0.085966
 1.00000      0.000470     -0.014288     -0.003277
1.62E-06     0.008087      0.103757

 LOAD   -2N+1- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.005343      0.132062      0.062003
-4.57E-06     0.154722     -0.292171
 0.25000     -0.005343      0.132062      0.062003
-4.57E-06     0.077515     -0.456617
 0.50000     -0.005343      0.132062      0.062003
-4.57E-06     0.000308     -0.621063
 0.75000     -0.005343      0.132062      0.062003
-4.57E-06    -0.076899     -0.785510
 1.00000     -0.005343      0.132062      0.062003
-4.57E-06    -0.154106     -0.949956

 LOAD   -2N+2- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.005343     -0.132062     -0.062003
4.57E-06    -0.154722      0.292171
 0.25000      0.005343     -0.132062     -0.062003
4.57E-06    -0.077515      0.456617
 0.50000      0.005343     -0.132062     -0.062003
4.57E-06    -0.000308      0.621063
 0.75000      0.005343     -0.132062     -0.062003
4.57E-06     0.076899      0.785510
 1.00000      0.005343     -0.132062     -0.062003
4.57E-06     0.154106      0.949956

 COMB   SETTLE -------------------- MAX

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.005343      0.132062      0.062003
4.57E-06     0.154722      0.292171
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 REL_DIST             P             V2             V3
        T            M2            M3
 0.25000      0.005343      0.132062      0.062003
4.57E-06     0.077515      0.456617
 0.50000      0.005343      0.132062      0.062003
4.57E-06     0.000450      0.621063
 0.75000      0.005343      0.132062      0.062003
4.57E-06     0.076899      0.785510
 1.00000      0.005343      0.132062      0.062003
4.57E-06     0.154106      0.949956

 COMB   SETTLE -------------------- MIN

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.005343     -0.132062     -0.062003
-7.60E-06    -0.154722     -0.292171
 0.25000     -0.005343     -0.132062     -0.062003
-7.60E-06    -0.077515     -0.456617
 0.50000     -0.005343     -0.132062     -0.062003
-7.60E-06    -0.000308     -0.621063
 0.75000     -0.005343     -0.132062     -0.062003
-7.60E-06    -0.076899     -0.785510
 1.00000     -0.005343     -0.132062     -0.062003
-7.60E-06    -0.154106     -0.949956

 ELEM      137 ================== LENGTH =
 4.980126

 LOAD      -P4 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.000829      0.001488      0.046163
3.40E-06     0.115560     -0.364125
 0.25000     -0.000829      0.001488      0.046163
3.40E-06     0.058086     -0.365977
 0.50000     -0.000829      0.001488      0.046163
3.40E-06     0.000612     -0.367829
 0.75000     -0.000829      0.001488      0.046163
3.40E-06    -0.056863     -0.369681
 1.00000     -0.000829      0.001488      0.046163
3.40E-06    -0.114337     -0.371533

 LOAD      -P5 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.001943     -0.001021     -0.056858
6.42E-07    -0.142950      0.831660
 0.25000      0.001943     -0.001021     -0.056858
6.42E-07    -0.072160      0.832931
 0.50000      0.001943     -0.001021     -0.056858
6.42E-07    -0.001370      0.834201
 0.75000      0.001943     -0.001021     -0.056858
6.42E-07     0.069420      0.835472
 1.00000      0.001943     -0.001021     -0.056858
6.42E-07     0.140210      0.836742

 LOAD      -P6 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.001164     -0.000539      0.013689
-5.20E-06     0.035012     -0.570500
 0.25000     -0.001164     -0.000539      0.013689
-5.20E-06     0.017969     -0.569829
 0.50000     -0.001164     -0.000539      0.013689
-5.20E-06     0.000926     -0.569158
 0.75000     -0.001164     -0.000539      0.013689
-5.20E-06    -0.016118     -0.568487
 1.00000     -0.001164     -0.000539      0.013689
-5.20E-06    -0.033161     -0.567816

 LOAD      -P7 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      4.94E-05      7.19E-05     -0.002994
1.16E-06    -0.007622      0.102965
 0.25000      4.94E-05      7.19E-05     -0.002994
1.16E-06    -0.003895      0.102875
 0.50000      4.94E-05      7.19E-05     -0.002994
1.16E-06    -0.000167      0.102786
 0.75000      4.94E-05      7.19E-05     -0.002994
1.16E-06     0.003561      0.102696
 1.00000      4.94E-05      7.19E-05     -0.002994
1.16E-06     0.007288      0.102607
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 LOAD   -2N+1- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.001992      0.000949      0.059852
-1.80E-06     0.150573     -0.934625
 0.25000     -0.001992      0.000949      0.059852
-1.80E-06     0.076055     -0.935806
 0.50000     -0.001992      0.000949      0.059852
-1.80E-06     0.001537     -0.936987
 0.75000     -0.001992      0.000949      0.059852
-1.80E-06    -0.072981     -0.938168
 1.00000     -0.001992      0.000949      0.059852
-1.80E-06    -0.147499     -0.939349

 LOAD   -2N+2- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.001992     -0.000949     -0.059852
1.80E-06    -0.150573      0.934625
 0.25000      0.001992     -0.000949     -0.059852
1.80E-06    -0.076055      0.935806
 0.50000      0.001992     -0.000949     -0.059852
1.80E-06    -0.001537      0.936987
 0.75000      0.001992     -0.000949     -0.059852
1.80E-06     0.072981      0.938168
 1.00000      0.001992     -0.000949     -0.059852
1.80E-06     0.147499      0.939349

 COMB   SETTLE -------------------- MAX

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.001992      0.001488      0.059852
3.40E-06     0.150573      0.934625
 0.25000      0.001992      0.001488      0.059852
3.40E-06     0.076055      0.935806
 0.50000      0.001992      0.001488      0.059852
3.40E-06     0.001537      0.936987
 0.75000      0.001992      0.001488      0.059852
3.40E-06     0.072981      0.938168
 1.00000      0.001992      0.001488      0.059852
3.40E-06     0.147499      0.939349

 COMB   SETTLE -------------------- MIN

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.001992     -0.001021     -0.059852
-5.20E-06    -0.150573     -0.934625
 0.25000     -0.001992     -0.001021     -0.059852
-5.20E-06    -0.076055     -0.935806
 0.50000     -0.001992     -0.001021     -0.059852
-5.20E-06    -0.001537     -0.936987
 0.75000     -0.001992     -0.001021     -0.059852
-5.20E-06    -0.072981     -0.938168
 1.00000     -0.001992     -0.001021     -0.059852
-5.20E-06    -0.147499     -0.939349

 ELEM      138 ================== LENGTH =
 4.981332

 LOAD      -P4 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.001461      0.027508      0.044609
4.05E-06     0.111779     -0.360178
 0.25000     -0.001461      0.027508      0.044609
4.05E-06     0.056225     -0.394434
 0.50000     -0.001461      0.027508      0.044609
4.05E-06     0.000672     -0.428690
 0.75000     -0.001461      0.027508      0.044609
4.05E-06    -0.054882     -0.462946
 1.00000     -0.001461      0.027508      0.044609
4.05E-06    -0.110435     -0.497202

 LOAD      -P5 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.003300     -0.059952     -0.053376
-1.44E-06    -0.134480      0.822948
 0.25000      0.003300     -0.059952     -0.053376
-1.44E-06    -0.068009      0.897608
 0.50000      0.003300     -0.059952     -0.053376
-1.44E-06    -0.001538      0.972269
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F O R C E S

 REL_DIST             P             V2             V3
        T            M2            M3
 0.75000      0.003300     -0.059952     -0.053376
-1.44E-06     0.064932      1.046929
 1.00000      0.003300     -0.059952     -0.053376
-1.44E-06     0.131403      1.121589

 LOAD      -P6 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.001972      0.039628      0.011338
-3.45E-06     0.029296     -0.564679
 0.25000     -0.001972      0.039628      0.011338
-3.45E-06     0.015177     -0.614029
 0.50000     -0.001972      0.039628      0.011338
-3.45E-06     0.001057     -0.663379
 0.75000     -0.001972      0.039628      0.011338
-3.45E-06    -0.013063     -0.712729
 1.00000     -0.001972      0.039628      0.011338
-3.45E-06    -0.027183     -0.762078

 LOAD      -P7 --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000      0.000134     -0.007183     -0.002572
8.41E-07    -0.006596      0.101909
 0.25000      0.000134     -0.007183     -0.002572
8.41E-07    -0.003393      0.110855
 0.50000      0.000134     -0.007183     -0.002572
8.41E-07    -0.000190      0.119800
 0.75000      0.000134     -0.007183     -0.002572
8.41E-07     0.003013      0.128745
 1.00000      0.000134     -0.007183     -0.002572
8.41E-07     0.006216      0.137691

 LOAD   -2N+1- --------------------

 REL_DIST             P             V2             V3
        T            M2            M3
 0.00000     -0.003433      0.067135      0.055948
5.98E-07     0.141075     -0.924857
 0.25000     -0.003433      0.067135      0.055948
5.98E-07     0.071402     -1.008463
 0.50000     -0.003433      0.067135      0.055948
```

```
5.98E-07     0.001728    -1.092069
 0.75000     -0.003433     0.067135     0.055948
5.98E-07     -0.067945    -1.175674
 1.00000     -0.003433     0.067135     0.055948
5.98E-07     -0.137618    -1.259280

 LOAD   -2N+2- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003433     -0.067135    -0.055948
-5.98E-07    -0.141075    0.924857
 0.25000     0.003433     -0.067135    -0.055948
-5.98E-07    -0.071402    1.008463
 0.50000     0.003433     -0.067135    -0.055948
-5.98E-07    -0.001728    1.092069
 0.75000     0.003433     -0.067135    -0.055948
-5.98E-07    0.067945     1.175674
 1.00000     0.003433     -0.067135    -0.055948
-5.98E-07    0.137618     1.259280

 COMB   SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003433     0.067135     0.055948
4.05E-06     0.141075     0.924857
 0.25000     0.003433     0.067135     0.055948
4.05E-06     0.071402     1.008463
 0.50000     0.003433     0.067135     0.055948
4.05E-06     0.001728     1.092069
 0.75000     0.003433     0.067135     0.055948
4.05E-06     0.067945     1.175674
 1.00000     0.003433     0.067135     0.055948
4.05E-06     0.137618     1.259280

 COMB   SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.003433    -0.067135    -0.055948
-3.45E-06    -0.141075    -0.924857
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F O R C E S

 REL DIST            P            V2           V3
    T          M2           M3
 0.25000     -0.003433    -0.067135    -0.055948
-3.45E-06    -0.071402    -1.008463
 0.50000     -0.003433    -0.067135    -0.055948
-3.45E-06    -0.001728    -1.092069
 0.75000     -0.003433    -0.067135    -0.055948
-3.45E-06    -0.067945    -1.175674
 1.00000     -0.003433    -0.067135    -0.055948
-3.45E-06    -0.137618    -1.259280

 ELEM       139 ================== LENGTH =
 4.980649

 LOAD   -P4 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001488    0.027639     0.042765
5.00E-06     0.107385     -0.486264
 0.25000     -0.001488    0.027639     0.042765
5.00E-06     0.054135     -0.520679
 0.50000     -0.001488    0.027639     0.042765
5.00E-06     0.000885     -0.555093
 0.75000     -0.001488    0.027639     0.042765
5.00E-06     -0.052365    -0.589508
 1.00000     -0.001488    0.027639     0.042765
5.00E-06     -0.105614    -0.623922

 LOAD   -P5 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003096     -0.060279    -0.049161
-4.23E-06    -0.124447    1.108741
 0.25000     0.003096     -0.060279    -0.049161
-4.23E-06    -0.063234    1.183798
 0.50000     0.003096     -0.060279    -0.049161
-4.23E-06    -0.002020    1.258855
 0.75000     0.003096     -0.060279    -0.049161
-4.23E-06    0.059194     1.333913
 1.00000     0.003096     -0.060279    -0.049161
-4.23E-06    0.120408     1.408970

 LOAD   -P6 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001611    0.039866     0.008450
-1.22E-06    0.022428     -0.759585
 0.25000     -0.001611    0.039866     0.008450
-1.22E-06    0.011906     -0.809225
 0.50000     -0.001611    0.039866     0.008450
-1.22E-06    0.001384     -0.858865
 0.75000     -0.001611    0.039866     0.008450
-1.22E-06    -0.009138    -0.908506
 1.00000     -0.001611    0.039866     0.008450
-1.22E-06    -0.019660    -0.958146

 LOAD   -P7 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     2.56E-06     -0.007226    -0.002054
4.46E-07     -0.005365    0.137109
 0.25000     2.56E-06     -0.007226    -0.002054
4.46E-07     -0.002807    0.146106
 0.50000     2.56E-06     -0.007226    -0.002054
4.46E-07     -0.000249    0.155103
 0.75000     2.56E-06     -0.007226    -0.002054
4.46E-07     0.002309     0.164101
 1.00000     2.56E-06     -0.007226    -0.002054
4.46E-07     0.004867     0.173098

 LOAD   -2N+1- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.003099    0.067505     0.051216
3.78E-06     0.129812     -1.245849
 0.25000     -0.003099    0.067505     0.051216
3.78E-06     0.066041     -1.329904
 0.50000     -0.003099    0.067505     0.051216
3.78E-06     0.002269     -1.413959
 0.75000     -0.003099    0.067505     0.051216
3.78E-06     -0.061503    -1.498013
 1.00000     -0.003099    0.067505     0.051216
3.78E-06     -0.125274    -1.582068
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F O R C E S

 LOAD   -2N+2- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003099     -0.067505    -0.051216
-3.78E-06    -0.129812    1.245849
 0.25000     0.003099     -0.067505    -0.051216
-3.78E-06    -0.066041    1.329904
 0.50000     0.003099     -0.067505    -0.051216
-3.78E-06    -0.002269    1.413959
 0.75000     0.003099     -0.067505    -0.051216
-3.78E-06    0.061503     1.498013
 1.00000     0.003099     -0.067505    -0.051216
-3.78E-06    0.125274     1.582068

 COMB   SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003099     0.067505     0.051216
5.00E-06     0.129812     1.245849
 0.25000     0.003099     0.067505     0.051216
5.00E-06     0.066041     1.329904
 0.50000     0.003099     0.067505     0.051216
5.00E-06     0.002269     1.413959
 0.75000     0.003099     0.067505     0.051216
5.00E-06     0.061503     1.498013
 1.00000     0.003099     0.067505     0.051216
5.00E-06     0.125274     1.582068

 COMB   SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.003099    -0.067505    -0.051216
-4.23E-06    -0.129812    -1.245849
 0.25000     -0.003099    -0.067505    -0.051216
-4.23E-06    -0.066041    -1.329904
 0.50000     -0.003099    -0.067505    -0.051216
-4.23E-06    -0.002269    -1.413959
 0.75000     -0.003099    -0.067505    -0.051216
-4.23E-06    -0.061503    -1.498013
 1.00000     -0.003099    -0.067505    -0.051216
-4.23E-06    -0.125274    -1.582068

 ELEM       140 ================== LENGTH =
 4.980010

 LOAD   -P4 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001170    0.026722     0.040425
6.45E-06     0.101737     -0.613510
 0.25000     -0.001170    0.026722     0.040425
6.45E-06     0.051408     -0.646778
 0.50000     -0.001170    0.026722     0.040425
6.45E-06     0.001079     -0.680047
 0.75000     -0.001170    0.026722     0.040425
6.45E-06     -0.049250    -0.713315
 1.00000     -0.001170    0.026722     0.040425
6.45E-06     -0.099579    -0.746584

 LOAD   -P5 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.002324     -0.058189    -0.043826
-7.61E-06    -0.111590    1.397318
 0.25000     0.002324     -0.058189    -0.043826
-7.61E-06    -0.057027    1.469764
 0.50000     0.002324     -0.058189    -0.043826
-7.61E-06    -0.002464    1.542210
 0.75000     0.002324     -0.058189    -0.043826
-7.61E-06    0.052099     1.614656
 1.00000     0.002324     -0.058189    -0.043826
-7.61E-06    0.106663     1.687102

 LOAD   -P6 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.000962    0.038436     0.004801
1.10E-06     0.013643     -0.956471
 0.25000     -0.000962    0.038436     0.004801
1.10E-06     0.007666     -1.004324
 0.50000     -0.000962    0.038436     0.004801
1.10E-06     0.001689     -1.052176
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F O R C E S

 REL DIST            P            V2           V3
    T          M2           M3
 0.75000     -0.000962    0.038436     0.004801
1.10E-06     -0.004288    -1.100029
 1.00000     -0.000962    0.038436     0.004801
1.10E-06     -0.010265    -1.147881

 LOAD   -P7 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.000191    -0.006968    -0.001400
6.28E-08     -0.003790    0.172663
 0.25000     -0.000191    -0.006968    -0.001400
6.28E-08     -0.002047    0.181338
 0.50000     -0.000191    -0.006968    -0.001400
6.28E-08     -0.000304    0.190013
 0.75000     -0.000191    -0.006968    -0.001400
6.28E-08     0.001439     0.198688
 1.00000     -0.000191    -0.006968    -0.001400
6.28E-08     0.003182     0.207363

 LOAD   -2N+1- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.002133    0.065157     0.045226
7.55E-06     0.115380     -1.569981
 0.25000     -0.002133    0.065157     0.045226
7.55E-06     0.059074     -1.651102
 0.50000     -0.002133    0.065157     0.045226
7.55E-06     0.002768     -1.732223
 0.75000     -0.002133    0.065157     0.045226
7.55E-06     -0.053538    -1.813344
 1.00000     -0.002133    0.065157     0.045226
7.55E-06     -0.109844    -1.894465

 LOAD   -2N+2- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.75000     0.002133     -0.065157    -0.045226
-7.55E-06    -0.115380    1.569981
 0.25000     0.002133     -0.065157    -0.045226
-7.55E-06    -0.059074    1.651102
 0.50000     0.002133     -0.065157    -0.045226
-7.55E-06    -0.002768    1.732223
 0.75000     0.002133     -0.065157    -0.045226
-7.55E-06    0.053538     1.813344
 1.00000     0.002133     -0.065157    -0.045226
-7.55E-06    0.109844     1.894465

 COMB   SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.002324     0.065157     0.045226
7.55E-06     0.115380     1.569981
 0.25000     0.002324     0.065157     0.045226
7.55E-06     0.059074     1.651102
 0.50000     0.002324     0.065157     0.045226
7.55E-06     0.002768     1.732223
 0.75000     0.002324     0.065157     0.045226
7.55E-06     0.053538     1.813344
 1.00000     0.002324     0.065157     0.045226
7.55E-06     0.109844     1.894465

 COMB   SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.002133    -0.065157    -0.045226
-7.61E-06    -0.115380    -1.569981
 0.25000     -0.002133    -0.065157    -0.045226
-7.61E-06    -0.059074    -1.651102
 0.50000     -0.002133    -0.065157    -0.045226
-7.61E-06    -0.002768    -1.732223
 0.75000     -0.002133    -0.065157    -0.045226
-7.61E-06    -0.053538    -1.813344
 1.00000     -0.002133    -0.065157    -0.045226
-7.61E-06    -0.109844    -1.894465
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 ELEM       141 ================== LENGTH =
 4.981438

 LOAD   -P4 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001829    0.059808     0.037405
8.27E-06     0.094577     -0.736832
 0.25000     -0.001829    0.059808     0.037405
8.27E-06     0.047994     -0.811314
 0.50000     -0.001829    0.059808     0.037405
8.27E-06     0.001411     -0.885797
 0.75000     -0.001829    0.059808     0.037405
8.27E-06     -0.045172    -0.960280
 1.00000     -0.001829    0.059808     0.037405
8.27E-06     -0.091755    -1.034763

 LOAD   -P5 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003518     -0.133223    -0.036999
-1.18E-05    -0.095372    1.676952
 0.25000     0.003518     -0.133223    -0.036999
-1.18E-05    -0.049296    1.842864
 0.50000     0.003518     -0.133223    -0.036999
-1.18E-05    -0.003219    2.008775
 0.75000     0.003518     -0.133223    -0.036999
-1.18E-05    0.042858     2.174686
 1.00000     0.003518     -0.133223    -0.036999
-1.18E-05    0.088935     2.340597

 LOAD   -P6 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001516    0.089627     0.000160
3.88E-06     0.002603     -1.147233
 0.25000     -0.001516    0.089627     0.000160
3.88E-06     0.002404     -1.258851
 0.50000     -0.001516    0.089627     0.000160
3.88E-06     0.002205     -1.370469
 0.75000     -0.001516    0.089627     0.000160
3.88E-06     0.002005     -1.482086
 1.00000     -0.001516    0.089627     0.000160
3.88E-06     0.001806     -1.593704

 LOAD   -P7 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.000174    -0.016212    -0.000567
-3.89E-07    -0.001808    0.207112
 0.25000     -0.000174    -0.016212    -0.000567
-3.89E-07    -0.001103    0.227302
 0.50000     -0.000174    -0.016212    -0.000567
-3.89E-07    -0.000397    0.247491
 0.75000     -0.000174    -0.016212    -0.000567
-3.89E-07    0.000309     0.267681
 1.00000     -0.000174    -0.016212    -0.000567
-3.89E-07    0.001014     0.287870

 LOAD   -2N+1- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.003344    0.149435     0.037565
1.21E-05     0.097181     -1.884064
 0.25000     -0.003344    0.149435     0.037565
1.21E-05     0.050398     -2.070165
 0.50000     -0.003344    0.149435     0.037565
1.21E-05     0.003616     -2.256266
 0.75000     -0.003344    0.149435     0.037565
1.21E-05     -0.043166    -2.442367
 1.00000     -0.003344    0.149435     0.037565
1.21E-05     -0.089949    -2.628467

 LOAD   -2N+2- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003344     -0.149435    -0.037565
-1.21E-05    -0.097181    1.884064
 0.25000     0.003344     -0.149435    -0.037565
-1.21E-05    -0.050398    2.070165
 0.50000     0.003344     -0.149435    -0.037565
-1.21E-05    -0.003616    2.256266
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F O R C E S

 REL DIST            P            V2           V3
    T          M2           M3
 0.75000     0.003344     -0.149435    -0.037565
-1.21E-05    0.043166     2.442367
 1.00000     0.003344     -0.149435    -0.037565
-1.21E-05    0.089949     2.628467

 COMB   SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.003518     0.149435     0.037565
1.21E-05     0.097181     1.884064
 0.25000     0.003518     0.149435     0.037565
1.21E-05     0.050398     2.070165
 0.50000     0.003518     0.149435     0.037565
1.21E-05     0.003616     2.256266
 0.75000     0.003518     0.149435     0.037565
1.21E-05     0.043166     2.442367
 1.00000     0.003518     0.149435     0.037565
1.21E-05     0.089949     2.628467

 COMB   SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.003344    -0.149435    -0.037565
-1.21E-05    -0.097181    -1.884064
 0.25000     -0.003344    -0.149435    -0.037565
-1.21E-05    -0.050398    -2.070165
 0.50000     -0.003344    -0.149435    -0.037565
-1.21E-05    -0.003616    -2.256266
 0.75000     -0.003344    -0.149435    -0.037565
-1.21E-05    -0.045172    -2.442367
 1.00000     -0.003344    -0.149435    -0.037565
-1.21E-05    -0.091755    -2.628467

 ELEM       142 ================== LENGTH =
 4.979906

 LOAD   -P4 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001075    0.049739     0.033500
1.01E-05     0.085265     -1.025871
 0.25000     -0.001075    0.049739     0.033500
1.01E-05     0.043559     -1.087794
 0.50000     -0.001075    0.049739     0.033500
1.01E-05     0.001852     -1.149718
 0.75000     -0.001075    0.049739     0.033500
1.01E-05     -0.039854    -1.211642
 1.00000     -0.001075    0.049739     0.033500
1.01E-05     -0.081561    -1.273566

 LOAD   -P5 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.001719     -0.110395    -0.028091
-1.60E-05    -0.074168    2.332399
 0.25000     0.001719     -0.110395    -0.028091
-1.60E-05    -0.039196    2.469838
 0.50000     0.001719     -0.110395    -0.028091
-1.60E-05    -0.004223    2.607277
 0.75000     0.001719     -0.110395    -0.028091
-1.60E-05    0.030749     2.744716
 1.00000     0.001719     -0.110395    -0.028091
-1.60E-05    0.065722     2.882155

 LOAD   -P6 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.000127    0.074058     -0.005937
6.88E-06     -0.011891    -1.594386
 0.25000     -0.000127    0.074058     -0.005937
6.88E-06     -0.004500    -1.686587
 0.50000     -0.000127    0.074058     -0.005937
6.88E-06     0.002892     -1.778788
 0.75000     -0.000127    0.074058     -0.005937
6.88E-06     0.010283     -1.870989
 1.00000     -0.000127    0.074058     -0.005937
6.88E-06     0.017674     -1.963190
Program    SAP2000    Nonlinear    Version    7.42
   File:2교대구방향S5-S704.OUT

                    Page
<          UNEQUAL          SETTLEMENT          >
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F R A M E   E L E M E N T   I N T E R N A L
F O R C E S

 LOAD   -P7 -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.000517    -0.013402    0.000528
-8.98E-07    0.000794     0.287858
 0.25000     -0.000517    -0.013402    0.000528
-8.98E-07    0.000136     0.304544
 0.50000     -0.000517    -0.013402    0.000528
-8.98E-07    -0.000521    0.321229
 0.75000     -0.000517    -0.013402    0.000528
-8.98E-07    -0.001178    0.337915
 1.00000     -0.000517    -0.013402    0.000528
-8.98E-07    -0.001836    0.354600

 LOAD   -2N+1- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001202    0.123797     0.027563
1.69E-05     0.073374     -2.620257
 0.25000     -0.001202    0.123797     0.027563
1.69E-05     0.039059     -2.774381
 0.50000     -0.001202    0.123797     0.027563
1.69E-05     0.004744     -2.928506
 0.75000     -0.001202    0.123797     0.027563
1.69E-05     -0.029571    -3.082631
 1.00000     -0.001202    0.123797     0.027563
1.69E-05     -0.063886    -3.236755

 LOAD   -2N+2- -------------------

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.001202     -0.123797    -0.027563
-1.69E-05    -0.073374    2.620257
 0.25000     0.001202     -0.123797    -0.027563
-1.69E-05    -0.039059    2.774381
 0.50000     0.001202     -0.123797    -0.027563
-1.69E-05    -0.004744    2.928506
 0.75000     0.001202     -0.123797    -0.027563
-1.69E-05    0.029571     3.082631
 1.00000     0.001202     -0.123797    -0.027563
-1.69E-05    0.063886     3.236755

 COMB   SETTLE ------------------- MAX

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     0.001719     0.123797     0.033500
1.69E-05     0.085265     2.620257
 0.25000     0.001719     0.123797     0.033500
1.69E-05     0.043559     2.774381
 0.50000     0.001719     0.123797     0.033500
1.69E-05     0.004744     2.928506
 0.75000     0.001719     0.123797     0.033500
1.69E-05     0.030749     3.082631
 1.00000     0.001719     0.123797     0.033500
1.69E-05     0.065722     3.236755

 COMB   SETTLE ------------------- MIN

 REL DIST            P            V2           V3
    T          M2           M3
 0.00000     -0.001202    -0.123797    -0.028091
-1.69E-05    -0.074168    -2.620257
 0.25000     -0.001202    -0.123797    -0.028091
-1.69E-05    -0.039196    -2.774381
 0.50000     -0.001202    -0.123797    -0.028091
-1.69E-05    -0.004744    -2.928506
 0.75000     -0.001202    -0.123797    -0.028091
-1.69E-05    -0.039854    -3.082631
 1.00000     -0.001202    -0.123797    -0.028091
```

-1.69E-05 -0.081561 -3.236755

ELEM 143 ========== LENGTH = 4.981420

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000159	0.031862	0.028597
1.14E-05	0.073410	-1.265791	
0.25000	-0.000159	0.031862	0.028597
1.14E-05	0.037797	-1.305471	
0.50000	-0.000159	0.031862	0.028597
1.14E-05	0.002183	-1.345151	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.000159	0.031862	0.028597
1.14E-05	-0.033430	-1.384831	
1.00000	-0.000159	0.031862	0.028597
1.14E-05	-0.069044	-1.424511	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000718	-0.069846	-0.016994
-1.93E-05	-0.047309	2.876495	
0.25000	-0.000718	-0.069846	-0.016994
-1.93E-05	-0.026145	2.963478	
0.50000	-0.000718	-0.069846	-0.016994
-1.93E-05	-0.004982	3.050461	
0.75000	-0.000718	-0.069846	-0.016994
-1.93E-05	0.016182	3.137443	
1.00000	-0.000718	-0.069846	-0.016994
-1.93E-05	0.037346	3.224426	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001846	0.046375	-0.013489
9.42E-06	-0.030183	-1.965605	
0.25000	0.001846	0.046375	-0.013489
9.42E-06	-0.013385	-2.023358	
0.50000	0.001846	0.046375	-0.013489
9.42E-06	0.003414	-2.081112	
0.75000	0.001846	0.046375	-0.013489
9.42E-06	0.020212	-2.138865	
1.00000	0.001846	0.046375	-0.013489
9.42E-06	0.037010	-2.196619	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000969	-0.008392	0.001886
-1.43E-06	0.004082	0.354900	
0.25000	-0.000969	-0.008392	0.001886
-1.43E-06	0.001733	0.365351	
0.50000	-0.000969	-0.008392	0.001886
-1.43E-06	-0.000615	0.375802	
0.75000	-0.000969	-0.008392	0.001886
-1.43E-06	-0.002964	0.386253	
1.00000	-0.000969	-0.008392	0.001886
-1.43E-06	-0.005312	0.396704	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001687	0.078238	0.015108
2.08E-05	0.043227	-3.231395	
0.25000	0.001687	0.078238	0.015108
2.08E-05	0.024412	-3.328829	
0.50000	0.001687	0.078238	0.015108
2.08E-05	0.005597	-3.426263	
0.75000	0.001687	0.078238	0.015108
2.08E-05	-0.013219	-3.523696	
1.00000	0.001687	0.078238	0.015108
2.08E-05	-0.032034	-3.621130	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001687	-0.078238	-0.015108
-2.08E-05	-0.043227	3.231395	
0.25000	-0.001687	-0.078238	-0.015108
-2.08E-05	-0.024412	3.328829	
0.50000	-0.001687	-0.078238	-0.015108
-2.08E-05	-0.005597	3.426263	
0.75000	-0.001687	-0.078238	-0.015108
-2.08E-05	0.013219	3.523696	
1.00000	-0.001687	-0.078238	-0.015108
-2.08E-05	0.032034	3.621130	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001846	0.078238	0.028597
2.08E-05	0.073410	3.231395	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	0.001846	0.078238	0.028597
2.08E-05	0.037797	3.328829	
0.50000	0.001846	0.078238	0.028597
2.08E-05	0.005597	3.426263	
0.75000	0.001846	0.078238	0.028597
2.08E-05	0.020212	3.523696	
1.00000	0.001846	0.078238	0.028597
2.08E-05	0.037346	3.621130	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001687	-0.078238	-0.016994
-2.08E-05	-0.047309	-3.231395	
0.25000	-0.001687	-0.078238	-0.016994
-2.08E-05	-0.026145	-3.328829	
0.50000	-0.001687	-0.078238	-0.016994
-2.08E-05	-0.005597	-3.426263	
0.75000	-0.001687	-0.078238	-0.016994
-2.08E-05	-0.033430	-3.523696	
1.00000	-0.001687	-0.078238	-0.016994
-2.08E-05	-0.069044	-3.621130	

ELEM 144 ========== LENGTH = 4.980020

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.002770	-0.046570	0.023414
1.07E-05	0.060410	-1.417992	
0.25000	0.002770	-0.046570	0.023414
1.07E-05	0.031260	-1.360013	
0.50000	0.002770	-0.046570	0.023414
1.07E-05	0.002109	-1.302033	
0.75000	0.002770	-0.046570	0.023414
1.07E-05	-0.027042	-1.244054	
1.00000	0.002770	-0.046570	0.023414
1.07E-05	-0.056192	-1.186074	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007280	0.107982	-0.005189
-1.82E-05	-0.017727	3.221619	
0.25000	-0.007280	0.107982	-0.005189
-1.82E-05	-0.011267	3.087182	
0.50000	-0.007280	0.107982	-0.005189
-1.82E-05	-0.004806	2.952744	
0.75000	-0.007280	0.107982	-0.005189
-1.82E-05	0.001654	2.818306	
1.00000	-0.007280	0.107982	-0.005189
-1.82E-05	0.008114	2.683868	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.006411	-0.074879	-0.021562
9.38E-06	-0.050398	-2.200979	
0.25000	0.006411	-0.074879	-0.021562
9.38E-06	-0.023554	-2.107754	
0.50000	0.006411	-0.074879	-0.021562
9.38E-06	0.003290	-2.014528	
0.75000	0.006411	-0.074879	-0.021562
9.38E-06	0.030134	-1.921303	
1.00000	0.006411	-0.074879	-0.021562
9.38E-06	0.056979	-1.828078	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001900	0.013467	0.003336
-1.86E-06	0.007715	0.397352	
0.25000	-0.001900	0.013467	0.003336
-1.86E-06	0.003561	0.380585	
0.50000	-0.001900	0.013467	0.003336
-1.86E-06	-0.000593	0.363818	
0.75000	-0.001900	0.013467	0.003336
-1.86E-06	-0.004747	0.347051	
1.00000	-0.001900	0.013467	0.003336
-1.86E-06	-0.008901	0.330284	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.009181	-0.121449	0.001853
2.01E-05	0.010012	-3.618971	
0.25000	0.009181	-0.121449	0.001853
2.01E-05	0.007706	-3.467767	
0.50000	0.009181	-0.121449	0.001853
2.01E-05	0.005399	-3.316562	
0.75000	0.009181	-0.121449	0.001853
2.01E-05	0.003093	-3.165357	
1.00000	0.009181	-0.121449	0.001853
2.01E-05	0.000786	-3.014152	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009181	0.121449	-0.001853
-2.01E-05	-0.010012	3.618971	
0.25000	-0.009181	0.121449	-0.001853
-2.01E-05	-0.007706	3.467767	
0.50000	-0.009181	0.121449	-0.001853
-2.01E-05	-0.005399	3.316562	
0.75000	-0.009181	0.121449	-0.001853
-2.01E-05	-0.003093	3.165357	
1.00000	-0.009181	0.121449	-0.001853
-2.01E-05	-0.000786	3.014152	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.009181	0.121449	0.023414
2.01E-05	0.060410	3.618971	
0.25000	0.009181	0.121449	0.023414
2.01E-05	0.031260	3.467767	
0.50000	0.009181	0.121449	0.023414
2.01E-05	0.005399	3.316562	
0.75000	0.009181	0.121449	0.023414
2.01E-05	0.030134	3.165357	
1.00000	0.009181	0.121449	0.023414
2.01E-05	0.056979	3.014152	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009181	-0.121449	-0.021562
-2.01E-05	-0.050398	-3.618971	
0.25000	-0.009181	-0.121449	-0.021562
-2.01E-05	-0.023554	-3.467767	
0.50000	-0.009181	-0.121449	-0.021562
-2.01E-05	-0.005399	-3.316562	
0.75000	-0.009181	-0.121449	-0.021562
-2.01E-05	-0.027042	-3.165357	
1.00000	-0.009181	-0.121449	-0.021562
-2.01E-05	-0.056192	-3.014152	

ELEM 145 ========== LENGTH = 4.980675

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003243	-0.027322	0.018665
6.07E-06	0.048271	-1.180828	
0.25000	0.003243	-0.027322	0.018665
6.07E-06	0.025030	-1.146808	
0.50000	0.003243	-0.027322	0.018665
6.07E-06	0.001789	-1.112788	
0.75000	0.003243	-0.027322	0.018665
6.07E-06	-0.021452	-1.078768	
1.00000	0.003243	-0.027322	0.018665
6.07E-06	-0.044693	-1.044748	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008544	0.064471	0.005583
-8.61E-06	0.009813	2.683954	
0.25000	-0.008544	0.064471	0.005583
-8.61E-06	0.002860	2.603676	
0.50000	-0.008544	0.064471	0.005583
-8.61E-06	-0.004092	2.523399	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.008544	0.064471	0.005583
-8.61E-06	-0.011044	2.443121	
1.00000	-0.008544	0.064471	0.005583
-8.61E-06	-0.017996	2.362843	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007530	-0.045401	-0.028908
4.51E-06	-0.069179	-1.834414	
0.25000	0.007530	-0.045401	-0.028908
4.51E-06	-0.033184	-1.777881	
0.50000	0.007530	-0.045401	-0.028908
4.51E-06	0.002811	-1.721349	
0.75000	0.007530	-0.045401	-0.028908
4.51E-06	0.038807	-1.664816	
1.00000	0.007530	-0.045401	-0.028908
4.51E-06	0.074802	-1.608284	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002229	0.008252	0.004660
-1.98E-06	0.011095	0.331288	
0.25000	-0.002229	0.008252	0.004660
-1.98E-06	0.005293	0.321013	
0.50000	-0.002229	0.008252	0.004660
-1.98E-06	-0.000509	0.310739	
0.75000	-0.002229	0.008252	0.004660
-1.98E-06	-0.006311	0.300464	
1.00000	-0.002229	0.008252	0.004660
-1.98E-06	-0.012112	0.290189	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.010772	-0.072723	-0.010243
1.06E-05	-0.020908	-3.015242	
0.25000	0.010772	-0.072723	-0.010243
1.06E-05	-0.008154	-2.924690	
0.50000	0.010772	-0.072723	-0.010243
1.06E-05	0.004600	-2.834137	
0.75000	0.010772	-0.072723	-0.010243
1.06E-05	0.017355	-2.743585	
1.00000	0.010772	-0.072723	-0.010243
1.06E-05	0.030109	-2.653032	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010772	0.072723	0.010243
-1.06E-05	0.020908	3.015242	
0.25000	-0.010772	0.072723	0.010243
-1.06E-05	0.008154	2.924690	
0.50000	-0.010772	0.072723	0.010243
-1.06E-05	-0.004600	2.834137	
0.75000	-0.010772	0.072723	0.010243
-1.06E-05	-0.017355	2.743585	
1.00000	-0.010772	0.072723	0.010243
-1.06E-05	-0.030109	2.653032	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.010772	0.072723	0.018665
1.06E-05	0.048271	3.015242	
0.25000	0.010772	0.072723	0.018665
1.06E-05	0.025030	2.924690	
0.50000	0.010772	0.072723	0.018665
1.06E-05	0.004600	2.834137	
0.75000	0.010772	0.072723	0.018665
1.06E-05	0.038807	2.743585	
1.00000	0.010772	0.072723	0.018665
1.06E-05	0.074802	2.653032	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010772	-0.072723	-0.028908
-1.06E-05	-0.069179	-3.015242	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-0.010772	-0.072723	-0.028908
-1.06E-05	-0.033184	-2.924690	
0.50000	-0.010772	-0.072723	-0.028908
-1.06E-05	-0.004600	-2.834137	
0.75000	-0.010772	-0.072723	-0.028908
-1.06E-05	-0.021452	-2.743585	
1.00000	-0.010772	-0.072723	-0.028908
-1.06E-05	-0.044693	-2.653032	

ELEM 146 ========== LENGTH = 4.980337

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004066	-0.022797	0.014542
1.09E-06	0.037794	-1.040607	
0.25000	0.004066	-0.022797	0.014542
1.09E-06	0.019688	-1.012223	
0.50000	0.004066	-0.022797	0.014542
1.09E-06	0.001582	-0.983839	
0.75000	0.004066	-0.022797	0.014542
1.09E-06	-0.016523	-0.955455	
1.00000	0.004066	-0.022797	0.014542
1.09E-06	-0.034629	-0.927071	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011292	0.071172	0.014867
1.59E-06	0.033478	2.365447	
0.25000	-0.011292	0.071172	0.014867
1.59E-06	0.014968	2.276832	
0.50000	-0.011292	0.071172	0.014867
1.59E-06	-0.003542	2.188217	
0.75000	-0.011292	0.071172	0.014867
1.59E-06	-0.022053	2.099602	
1.00000	-0.011292	0.071172	0.014867
1.59E-06	-0.040563	2.010988	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.010415	-0.072443	-0.035141
-7.61E-07	-0.085167	-1.616343	
0.25000	0.010415	-0.072443	-0.035141
-7.61E-07	-0.041414	-1.526145	
0.50000	0.010415	-0.072443	-0.035141
-7.61E-07	0.002339	-1.435947	
0.75000	0.010415	-0.072443	-0.035141
-7.61E-07	0.046093	-1.345749	
1.00000	0.010415	-0.072443	-0.035141
-7.61E-07	0.089846	-1.255552	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003189	0.024068	0.005732
-1.91E-06	0.013894	0.291503	
0.25000	-0.003189	0.024068	0.005732
-1.91E-06	0.006757	0.261536	
0.50000	-0.003189	0.024068	0.005732
-1.91E-06	-0.000380	0.231569	
0.75000	-0.003189	0.024068	0.005732
-1.91E-06	-0.007517	0.201602	
1.00000	-0.003189	0.024068	0.005732
-1.91E-06	-0.014654	0.171635	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014481	-0.095240	-0.020599
3.25E-07	-0.047373	-2.656950	
0.25000	0.014481	-0.095240	-0.020599
3.25E-07	-0.021726	-2.538368	
0.50000	0.014481	-0.095240	-0.020599
3.25E-07	0.003922	-2.419786	
0.75000	0.014481	-0.095240	-0.020599
3.25E-07	0.029569	-2.301205	
1.00000	0.014481	-0.095240	-0.020599
3.25E-07	0.055217	-2.182623	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014481	0.095240	0.020599
-3.25E-07	0.047373	2.656950	
0.25000	-0.014481	0.095240	0.020599
-3.25E-07	0.021726	2.538368	
0.50000	-0.014481	0.095240	0.020599
-3.25E-07	-0.003922	2.419786	
0.75000	-0.014481	0.095240	0.020599
-3.25E-07	-0.029569	2.301205	
1.00000	-0.014481	0.095240	0.020599
-3.25E-07	-0.055217	2.182623	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014481	0.095240	0.020599
1.59E-06	0.047373	2.656950	
0.25000	0.014481	0.095240	0.020599
1.59E-06	0.021726	2.538368	
0.50000	0.014481	0.095240	0.020599
1.59E-06	0.003922	2.419786	
0.75000	0.014481	0.095240	0.020599
1.59E-06	0.046093	2.301205	
1.00000	0.014481	0.095240	0.020599
1.59E-06	0.089846	2.182623	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014481	-0.095240	-0.035141
-1.91E-06	-0.085167	-2.656950	
0.25000	-0.014481	-0.095240	-0.035141
-1.91E-06	-0.041414	-2.538368	
0.50000	-0.014481	-0.095240	-0.035141
-1.91E-06	-0.003922	-2.419786	
0.75000	-0.014481	-0.095240	-0.035141
-1.91E-06	-0.029569	-2.301205	
1.00000	-0.014481	-0.095240	-0.035141
-1.91E-06	-0.055217	-2.182623	

ELEM 147 ========== LENGTH = 4.981108

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003792	0.015105	0.010743
-3.23E-06	0.028288	-0.923907	
0.25000	0.003792	0.015105	0.010743
-3.23E-06	0.014910	-0.942717	
0.50000	0.003792	0.015105	0.010743
-3.23E-06	0.001531	-0.961527	
0.75000	0.003792	0.015105	0.010743
-3.23E-06	-0.011847	-0.980338	
1.00000	0.003792	0.015105	0.010743
-3.23E-06	-0.025226	-0.999148	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011224	-0.007178	0.023116
1.05E-05	0.054298	2.015741	
0.25000	-0.011224	-0.007178	0.023116
1.05E-05	0.025513	2.024680	
0.50000	-0.011224	-0.007178	0.023116
1.05E-05	-0.003273	2.033618	
0.75000	-0.011224	-0.007178	0.023116
1.05E-05	-0.032059	2.042556	
1.00000	-0.011224	-0.007178	0.023116
1.05E-05	-0.060845	2.051495	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.010954	-0.029102	-0.040291
-5.56E-06	-0.098405	-1.265001	
0.25000	0.010954	-0.029102	-0.040291
-5.56E-06	-0.048231	-1.228761	
0.50000	0.010954	-0.029102	-0.040291
-5.56E-06	0.001942	-1.192521	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.010954	-0.029102	-0.040291
-5.56E-06	0.052115	-1.156281	
1.00000	0.010954	-0.029102	-0.040291
-5.56E-06	0.102289	-1.120040	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003521	0.021175	0.006431
-1.72E-06	0.015818	0.173167	
0.25000	-0.003521	0.021175	0.006431
-1.72E-06	0.007809	0.146798	
0.50000	-0.003521	0.021175	0.006431
-1.72E-06	-0.000200	0.120430	
0.75000	-0.003521	0.021175	0.006431
-1.72E-06	-0.008209	0.094062	
1.00000	-0.003521	0.021175	0.006431
-1.72E-06	-0.016218	0.067693	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014745	-0.013997	-0.029548
-8.79E-06	-0.070117	-2.188908	
0.25000	0.014745	-0.013997	-0.029548
-8.79E-06	-0.033322	-2.171478	
0.50000	0.014745	-0.013997	-0.029548
-8.79E-06	0.003473	-2.154048	
0.75000	0.014745	-0.013997	-0.029548
-8.79E-06	0.040268	-2.136618	
1.00000	0.014745	-0.013997	-0.029548
-8.79E-06	0.077063	-2.119188	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014745	0.013997	0.029548
8.79E-06	0.070117	2.188908	
0.25000	-0.014745	0.013997	0.029548
8.79E-06	0.033322	2.171478	
0.50000	-0.014745	0.013997	0.029548
8.79E-06	-0.003473	2.154048	
0.75000	-0.014745	0.013997	0.029548
8.79E-06	-0.040268	2.136618	
1.00000	-0.014745	0.013997	0.029548
8.79E-06	-0.077063	2.119188	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014745	0.021175	0.029548
1.05E-05	0.070117	2.188908	
0.25000	0.014745	0.021175	0.029548
1.05E-05	0.033322	2.171478	
0.50000	0.014745	0.021175	0.029548
1.05E-05	0.003473	2.154048	
0.75000	0.014745	0.021175	0.029548
1.05E-05	0.052115	2.136618	
1.00000	0.014745	0.021175	0.029548
1.05E-05	0.102289	2.119188	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014745	-0.029102	-0.040291
-8.79E-06	-0.098405	-2.188908	
0.25000	-0.014745	-0.029102	-0.040291
-8.79E-06	-0.048231	-2.171478	
0.50000	-0.014745	-0.029102	-0.040291
-8.79E-06	-0.003473	-2.154048	
0.75000	-0.014745	-0.029102	-0.040291
-8.79E-06	-0.040268	-2.136618	
1.00000	-0.014745	-0.029102	-0.040291
-8.79E-06	-0.077063	-2.119188	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 148 ========== LENGTH = 4.980896

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004078	0.027756	0.006803
-4.16E-06	0.018660	-0.996945	
0.25000	0.004078	0.027756	0.006803
-4.16E-06	0.010188	-1.031507	
0.50000	0.004078	0.027756	0.006803
-4.16E-06	0.001716	-1.066070	
0.75000	0.004078	0.027756	0.006803
-4.16E-06	-0.006755	-1.100632	
1.00000	0.004078	0.027756	0.006803
-4.16E-06	-0.015227	-1.135194	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012204	-0.016249	0.031201
1.24E-05	0.074283	2.058283	
0.25000	-0.012204	-0.016249	0.031201
1.24E-05	0.035431	2.078516	
0.50000	-0.012204	-0.016249	0.031201
1.24E-05	-0.003422	2.098750	
0.75000	-0.012204	-0.016249	0.031201
1.24E-05	-0.042274	2.118984	
1.00000	-0.012204	-0.016249	0.031201
1.24E-05	-0.081127	2.139217	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.012253	-0.048938	-0.044649
-6.77E-06	-0.109519	-1.130680	
0.25000	0.012253	-0.048938	-0.044649
-6.77E-06	-0.053922	-1.069741	
0.50000	0.012253	-0.048938	-0.044649
-6.77E-06	0.001676	-1.008802	
0.75000	0.012253	-0.048938	-0.044649
-6.77E-06	0.057273	-0.947863	
1.00000	0.012253	-0.048938	-0.044649
-6.77E-06	0.112871	-0.886925	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004126	0.037431	0.006644
-1.50E-06	0.016576	0.069341	
0.25000	-0.004126	0.037431	0.006644
-1.50E-06	0.008303	0.022732	
0.50000	-0.004126	0.037431	0.006644
-1.50E-06	2.94E-05	-0.023878	
0.75000	-0.004126	0.037431	0.006644
-1.50E-06	-0.008244	-0.070488	
1.00000	-0.004126	0.037431	0.006644
-1.50E-06	-0.016517	-0.117098	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.016331	-0.021182	-0.037845
-1.09E-05	-0.090860	-2.127624	
0.25000	0.016331	-0.021182	-0.037845
-1.09E-05	-0.043734	-2.101248	
0.50000	0.016331	-0.021182	-0.037845
-1.09E-05	0.003392	-2.074872	
0.75000	0.016331	-0.021182	-0.037845
-1.09E-05	0.050518	-2.048495	
1.00000	0.016331	-0.021182	-0.037845
-1.09E-05	0.097644	-2.022119	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016331	0.021182	0.037845
1.09E-05	0.090860	2.127624	
0.25000	-0.016331	0.021182	0.037845
1.09E-05	0.043734	2.101248	
0.50000	-0.016331	0.021182	0.037845
1.09E-05	-0.003392	2.074872	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.016331	0.021182	0.037845
1.09E-05	-0.050518	2.048495	
1.00000	-0.016331	0.021182	0.037845
1.09E-05	-0.097644	2.022119	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.016331	0.037431	0.037845
1.24E-05	0.090860	2.127624	
0.25000	0.016331	0.037431	0.037845
1.24E-05	0.043734	2.101248	
0.50000	0.016331	0.037431	0.037845
1.24E-05	0.003392	2.098750	
0.75000	0.016331	0.037431	0.037845
1.24E-05	0.057273	2.118984	
1.00000	0.016331	0.037431	0.037845
1.24E-05	0.112871	2.139217	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016331	-0.048938	-0.044649
-1.09E-05	-0.109519	-2.127624	
0.25000	-0.016331	-0.048938	-0.044649
-1.09E-05	-0.053922	-2.101248	
0.50000	-0.016331	-0.048938	-0.044649
-1.09E-05	-0.003422	-2.074872	
0.75000	-0.016331	-0.048938	-0.044649
-1.09E-05	-0.050518	-2.048495	
1.00000	-0.016331	-0.048938	-0.044649
-1.09E-05	-0.097644	-2.022119	

ELEM 149 ========== LENGTH = 4.980787

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.006185	-0.039395	0.002712
-3.19E-06	0.008420	-1.133993	
0.25000	0.006185	-0.039395	0.002712
-3.19E-06	0.005043	-1.084939	
0.50000	0.006185	-0.039395	0.002712
-3.19E-06	0.001666	-1.035884	
0.75000	0.006185	-0.039395	0.002712
-3.19E-06	-0.001711	-0.986830	
1.00000	0.006185	-0.039395	0.002712
-3.19E-06	-0.005088	-0.937775	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016401	0.122457	0.038930
1.10E-05	0.093956	2.147981	
0.25000	-0.016401	0.122457	0.038930
1.10E-05	0.045480	1.995498	
0.50000	-0.016401	0.122457	0.038930
1.10E-05	-0.002995	1.843016	
0.75000	-0.016401	0.122457	0.038930
1.10E-05	-0.051471	1.690533	
1.00000	-0.016401	0.122457	0.038930
1.10E-05	-0.099947	1.538051	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014526	-0.125559	-0.047827
-6.64E-06	-0.118139	-0.898507	
0.25000	0.014526	-0.125559	-0.047827
-6.64E-06	-0.058584	-0.742161	
0.50000	0.014526	-0.125559	-0.047827
-6.64E-06	0.000970	-0.585815	
0.75000	0.014526	-0.125559	-0.047827
-6.64E-06	0.060525	-0.429469	
1.00000	0.014526	-0.125559	-0.047827
-6.64E-06	0.120079	-0.273122	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004310	0.042498	0.006185
-1.15E-06	0.015763	-0.115480	
0.25000	-0.004310	0.042498	0.006185
-1.15E-06	0.008061	-0.168398	
0.50000	-0.004310	0.042498	0.006185
-1.15E-06	0.000359	-0.221317	
0.75000	-0.004310	0.042498	0.006185
-1.15E-06	-0.007343	-0.274235	
1.00000	-0.004310	0.042498	0.006185
-1.15E-06	-0.015045	-0.327153	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.020711	-0.164955	-0.045115
-9.83E-06	-0.109719	-2.032501	
0.25000	0.020711	-0.164955	-0.045115
-9.83E-06	-0.053542	-1.827100	
0.50000	0.020711	-0.164955	-0.045115
-9.83E-06	0.002636	-1.621699	
0.75000	0.020711	-0.164955	-0.045115
-9.83E-06	0.058814	-1.416298	
1.00000	0.020711	-0.164955	-0.045115
-9.83E-06	0.114991	-1.210897	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020711	0.164955	0.045115
9.83E-06	0.109719	2.032501	
0.25000	-0.020711	0.164955	0.045115
9.83E-06	0.053542	1.827100	
0.50000	-0.020711	0.164955	0.045115
9.83E-06	-0.002636	1.621699	
0.75000	-0.020711	0.164955	0.045115
9.83E-06	-0.058814	1.416298	
1.00000	-0.020711	0.164955	0.045115
9.83E-06	-0.114991	1.210897	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.020711	0.164955	0.045115
1.10E-05	0.109719	2.147981	
0.25000	0.020711	0.164955	0.045115
1.10E-05	0.053542	1.995498	
0.50000	0.020711	0.164955	0.045115
1.10E-05	0.002636	1.843016	
0.75000	0.020711	0.164955	0.045115
1.10E-05	0.060525	1.690533	
1.00000	0.020711	0.164955	0.045115
1.10E-05	0.120079	1.538051	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020711	-0.164955	-0.047827
-9.83E-06	-0.118139	-2.032501	
0.25000	-0.020711	-0.164955	-0.047827
-9.83E-06	-0.058584	-1.827100	
0.50000	-0.020711	-0.164955	-0.047827
-9.83E-06	-0.002995	-1.621699	
0.75000	-0.020711	-0.164955	-0.047827
-9.83E-06	-0.058814	-1.416298	
1.00000	-0.020711	-0.164955	-0.047827
-9.83E-06	-0.114991	-1.210897	

ELEM 150 ========== LENGTH = 4.980674

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.006417	-0.041107	-0.000894
-1.66E-06	-0.000906	-0.937562	
0.25000	0.006417	-0.041107	-0.000894
-1.66E-06	0.000208	-0.886377	
0.50000	0.006417	-0.041107	-0.000894
-1.66E-06	0.001321	-0.835191	

Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S704.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.006417	-0.041107	-0.000894
-1.66E-06	0.002435	-0.784005	
1.00000	0.006417	-0.041107	-0.000894
-1.66E-06	0.003548	-0.732820	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016739	0.124338	0.044910
8.99E-06	0.109855	1.548582	
0.25000	-0.016739	0.124338	0.044910
8.99E-06	0.053934	1.393760	
0.50000	-0.016739	0.124338	0.044910
8.99E-06	-0.001986	1.238937	
0.75000	-0.016739	0.124338	0.044910
8.99E-06	-0.057906	1.084115	
1.00000	-0.016739	0.124338	0.044910
8.99E-06	-0.113827	0.929293	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014509	-0.124179	-0.048944
-6.83E-06	-0.121915	-0.285274	
0.25000	0.014509	-0.124179	-0.048944
-6.83E-06	-0.060972	-0.130651	
0.50000	0.014509	-0.124179	-0.048944
-6.83E-06	-2.80E-05	0.023973	
0.75000	0.014509	-0.124179	-0.048944
-6.83E-06	0.060916	0.178597	
1.00000	0.014509	-0.124179	-0.048944
-6.83E-06	0.121859	0.333221	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004188	0.040948	0.004929
-5.09E-07	0.012966	-0.325746	
0.25000	-0.004188	0.040948	0.004929
-5.09E-07	0.006830	-0.376733	
0.50000	-0.004188	0.040948	0.004929
-5.09E-07	0.000693	-0.427720	
0.75000	-0.004188	0.040948	0.004929
-5.09E-07	-0.005444	-0.478707	
1.00000	-0.004188	0.040948	0.004929
-5.09E-07	-0.011581	-0.529694	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.020927	-0.165286	-0.049838
-8.48E-06	-0.122821	-1.222837	
0.25000	0.020927	-0.165286	-0.049838
-8.48E-06	-0.060764	-1.017027	
0.50000	0.020927	-0.165286	-0.049838
-8.48E-06	0.001293	-0.811218	
0.75000	0.020927	-0.165286	-0.049838
-8.48E-06	0.063350	-0.605409	
1.00000	0.020927	-0.165286	-0.049838
-8.48E-06	0.125408	-0.399599	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020927	0.165286	0.049838
8.48E-06	0.122821	1.222837	
0.25000	-0.020927	0.165286	0.049838
8.48E-06	0.060764	1.017027	
0.50000	-0.020927	0.165286	0.049838
8.48E-06	-0.001293	0.811218	
0.75000	-0.020927	0.165286	0.049838
8.48E-06	-0.063350	0.605409	
1.00000	-0.020927	0.165286	0.049838
8.48E-06	-0.125408	0.399599	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.020927	0.165286	0.049838
8.99E-06	0.122821	1.548582	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	0.020927	0.165286	0.049838
8.99E-06	0.060764	1.393760	
0.50000	0.020927	0.165286	0.049838
8.99E-06	0.001321	1.238937	
0.75000	0.020927	0.165286	0.049838
8.99E-06	0.063350	1.084115	
1.00000	0.020927	0.165286	0.049838
8.99E-06	0.125408	0.929293	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020927	-0.165286	-0.049838
-8.48E-06	-0.122821	-1.222837	
0.25000	-0.020927	-0.165286	-0.049838
-8.48E-06	-0.060972	-1.017027	
0.50000	-0.020927	-0.165286	-0.049838
-8.48E-06	-0.001986	-0.835191	
0.75000	-0.020927	-0.165286	-0.049838
-8.48E-06	-0.063350	-0.784005	
1.00000	-0.020927	-0.165286	-0.049838
-8.48E-06	-0.125408	-0.732820	

ELEM 151 ========== LENGTH = 4.980671

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.006460	-0.041133	-0.003680
-2.14E-07	-0.008175	-0.733407	
0.25000	0.006460	-0.041133	-0.003680
-2.14E-07	-0.003593	-0.682190	
0.50000	0.006460	-0.041133	-0.003680
-2.14E-07	0.000989	-0.630972	
0.75000	0.006460	-0.041133	-0.003680
-2.14E-07	0.005571	-0.579755	
1.00000	0.006460	-0.041133	-0.003680
-2.14E-07	0.010153	-0.528538	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016622	0.124445	0.048471
7.36E-06	0.119710	0.941019	
0.25000	-0.016622	0.124445	0.048471
7.36E-06	0.059356	0.786064	
0.50000	-0.016622	0.124445	0.048471
7.36E-06	-0.000998	0.631109	
0.75000	-0.016622	0.124445	0.048471
7.36E-06	-0.061352	0.476154	
1.00000	-0.016622	0.124445	0.048471
7.36E-06	-0.121707	0.321199	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.014148	-0.124316	-0.047662
-7.79E-06	-0.119709	0.321089	
0.25000	0.014148	-0.124316	-0.047662
-7.79E-06	-0.060361	0.475882	
0.50000	0.014148	-0.124316	-0.047662
-7.79E-06	-0.001014	0.630676	
0.75000	0.014148	-0.124316	-0.047662
-7.79E-06	0.058333	0.785470	
1.00000	0.014148	-0.124316	-0.047662
-7.79E-06	0.117680	0.940264	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003986	0.041003	0.002871
6.44E-07	0.008174	-0.528700	
0.25000	-0.003986	0.041003	0.002871
6.44E-07	0.004599	-0.579756	
0.50000	-0.003986	0.041003	0.002871
6.44E-07	0.001024	-0.630812	
0.75000	-0.003986	0.041003	0.002871
6.44E-07	-0.002551	-0.681869	
1.00000	-0.003986	0.041003	0.002871
6.44E-07	-0.006126	-0.732925	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.020608	-0.165448	-0.051342
-8.00E-06	-0.127884	-0.412318	
0.25000	0.020608	-0.165448	-0.051342
-8.00E-06	-0.063955	-0.206307	
0.50000	0.020608	-0.165448	-0.051342
-8.00E-06	-2.57E-05	-0.000296	
0.75000	0.020608	-0.165448	-0.051342
-8.00E-06	0.063903	0.205715	
1.00000	0.020608	-0.165448	-0.051342
-8.00E-06	0.127833	0.411726	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3

T	M2	M3	
0.00000	-0.020608	0.165448	0.051342
8.00E-06	0.127884	0.412318	
0.25000	-0.020608	0.165448	0.051342
8.00E-06	0.063955	0.206307	
0.50000	-0.020608	0.165448	0.051342
8.00E-06	2.57E-05	0.000296	
0.75000	-0.020608	0.165448	0.051342
8.00E-06	-0.063903	-0.205715	
1.00000	-0.020608	0.165448	0.051342
8.00E-06	-0.127833	-0.411726	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020608	0.165448	0.051342
8.00E-06	0.127884	0.941019	
0.25000	0.020608	0.165448	0.051342
8.00E-06	0.063955	0.786064	
0.50000	0.020608	0.165448	0.051342
8.00E-06	0.001024	0.631109	
0.75000	0.020608	0.165448	0.051342
8.00E-06	0.063903	0.785470	
1.00000	0.020608	0.165448	0.051342
8.00E-06	0.127833	0.940264	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020608	-0.165448	-0.051342
-8.00E-06	-0.127884	-0.733407	
0.25000	-0.020608	-0.165448	-0.051342
-8.00E-06	-0.063955	-0.682190	
0.50000	-0.020608	-0.165448	-0.051342
-8.00E-06	-0.001014	-0.630972	
0.75000	-0.020608	-0.165448	-0.051342
-8.00E-06	-0.063903	-0.681869	
1.00000	-0.020608	-0.165448	-0.051342
-8.00E-06	-0.127833	-0.732925	

ELEM 152 ================== LENGTH = 4.980674

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006309	-0.040895	-0.005663
8.13E-07	-0.013446	-0.529722	
0.25000	0.006309	-0.040895	-0.005663
8.13E-07	-0.006394	-0.478801	
0.50000	0.006309	-0.040895	-0.005663
8.13E-07	0.000657	-0.427879	
0.75000	0.006309	-0.040895	-0.005663
8.13E-07	0.007709	-0.376958	
1.00000	0.006309	-0.040895	-0.005663
8.13E-07	0.014760	-0.326036	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015985	0.124292	0.049645
6.81E-06	0.123622	0.333518	
0.25000	-0.015985	0.124292	0.049645
6.81E-06	0.061806	0.178753	
0.50000	-0.015985	0.124292	0.049645
6.81E-06	-1.04E-05	0.023989	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.015985	0.124292	0.049645
6.81E-06	-0.061826	-0.130776	
1.00000	-0.015985	0.124292	0.049645
6.81E-06	-0.123643	-0.285541	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013321	-0.124720	-0.043994
-9.82E-06	-0.111562	0.928750	
0.25000	0.013321	-0.124720	-0.043994
-9.82E-06	-0.056783	1.084048	
0.50000	0.013321	-0.124720	-0.043994
-9.82E-06	-0.002003	1.239346	
0.75000	0.013321	-0.124720	-0.043994
-9.82E-06	0.052776	1.394644	
1.00000	0.013321	-0.124720	-0.043994
-9.82E-06	0.107556	1.549941	

LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003646	0.041323	1.18E-05
2.20E-06	0.001386	-0.732546	
0.25000	-0.003646	0.041323	1.18E-05
2.20E-06	0.001371	-0.784000	
0.50000	-0.003646	0.041323	1.18E-05
2.20E-06	0.001356	-0.835455	
0.75000	-0.003646	0.041323	1.18E-05
2.20E-06	0.001342	-0.886910	
1.00000	-0.003646	0.041323	1.18E-05
2.20E-06	0.001327	-0.938364	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019631	-0.165616	-0.049657
-9.01E-06	-0.125008	0.399028	
0.25000	0.019631	-0.165616	-0.049657
-9.01E-06	-0.063177	0.605247	
0.50000	0.019631	-0.165616	-0.049657
-9.01E-06	-0.001346	0.811467	
0.75000	0.019631	-0.165616	-0.049657
-9.01E-06	0.060485	1.017686	
1.00000	0.019631	-0.165616	-0.049657
-9.01E-06	0.122316	1.223905	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019631	0.165616	0.049657
9.01E-06	0.125008	-0.399028	
0.25000	-0.019631	0.165616	0.049657
9.01E-06	0.063177	-0.605247	
0.50000	-0.019631	0.165616	0.049657
9.01E-06	0.001346	-0.811467	
0.75000	-0.019631	0.165616	0.049657
9.01E-06	-0.060485	-1.017686	
1.00000	-0.019631	0.165616	0.049657
9.01E-06	-0.122316	-1.223905	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019631	0.165616	0.049657
9.01E-06	0.125008	0.928750	
0.25000	0.019631	0.165616	0.049657
9.01E-06	0.063177	1.084048	
0.50000	0.019631	0.165616	0.049657
9.01E-06	0.001356	1.239346	
0.75000	0.019631	0.165616	0.049657
9.01E-06	0.060485	1.394644	
1.00000	0.019631	0.165616	0.049657
9.01E-06	0.122316	1.549941	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019631	-0.165616	-0.049657
-9.82E-06	-0.125008	-0.732546	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.019631	-0.165616	-0.049657
-9.82E-06	-0.063177	-0.784000	
0.50000	-0.019631	-0.165616	-0.049657
-9.82E-06	-0.002003	-0.835455	
0.75000	-0.019631	-0.165616	-0.049657
-9.82E-06	-0.061826	-1.017686	
1.00000	-0.019631	-0.165616	-0.049657
-9.82E-06	-0.123643	-1.223905	

ELEM 153 ================== LENGTH = 4.979781

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006066	-0.042557	-0.006848
1.31E-06	-0.016727	-0.327617	
0.25000	0.006066	-0.042557	-0.006848
1.31E-06	-0.008202	-0.274636	
0.50000	0.006066	-0.042557	-0.006848
1.31E-06	0.000324	-0.221654	
0.75000	0.006066	-0.042557	-0.006848
1.31E-06	0.008850	-0.168673	
1.00000	0.006066	-0.042557	-0.006848
1.31E-06	0.017375	-0.115691	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014970	0.125737	0.048443
7.06E-06	0.121606	-0.273224	
0.25000	-0.014970	0.125737	0.048443
7.06E-06	0.061297	-0.429760	
0.50000	-0.014970	0.125737	0.048443
7.06E-06	0.000988	-0.586296	
0.75000	-0.014970	0.125737	0.048443
7.06E-06	-0.059320	-0.742832	
1.00000	-0.014970	0.125737	0.048443
7.06E-06	-0.119629	-0.899368	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012036	-0.122616	-0.037922
-1.23E-05	-0.097438	1.539645	
0.25000	0.012036	-0.122616	-0.037922
-1.23E-05	-0.050227	1.692295	
0.50000	0.012036	-0.122616	-0.037922
-1.23E-05	-0.003017	1.844945	
0.75000	0.012036	-0.122616	-0.037922
-1.23E-05	0.044194	1.997595	
1.00000	0.012036	-0.122616	-0.037922
-1.23E-05	0.091405	2.150246	

LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003132	0.039436	-0.003673
3.91E-06	-0.007441	-0.938803	
0.25000	-0.003132	0.039436	-0.003673
3.91E-06	-0.002868	-0.987899	
0.50000	-0.003132	0.039436	-0.003673
3.91E-06	0.001704	-1.036995	
0.75000	-0.003132	0.039436	-0.003673
3.91E-06	0.006276	-1.086091	
1.00000	-0.003132	0.039436	-0.003673
3.91E-06	0.010849	-1.135187	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018102	-0.165173	-0.044770
-1.10E-05	-0.114165	1.212027	
0.25000	0.018102	-0.165173	-0.044770
-1.10E-05	-0.058429	1.417659	
0.50000	0.018102	-0.165173	-0.044770
-1.10E-05	-0.002693	1.623291	
0.75000	0.018102	-0.165173	-0.044770
-1.10E-05	0.053044	1.828923	
1.00000	0.018102	-0.165173	-0.044770
-1.10E-05	0.108780	2.034554	

Program SAP2000 Nonlinear Version 7.42
File:2교대구방향S5-S704.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018102	0.165173	0.044770
1.10E-05	0.114165	-1.212027	
0.25000	-0.018102	0.165173	0.044770
1.10E-05	0.058429	-1.417659	
0.50000	-0.018102	0.165173	0.044770
1.10E-05	0.002693	-1.623291	
0.75000	-0.018102	0.165173	0.044770
1.10E-05	-0.053044	-1.828923	
1.00000	-0.018102	0.165173	0.044770
1.10E-05	-0.108780	-2.034554	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018102	0.165173	0.048443
1.10E-05	0.121606	1.539645	
0.25000	0.018102	0.165173	0.048443
1.10E-05	0.061297	1.692295	
0.50000	0.018102	0.165173	0.048443
1.10E-05	0.002693	1.844945	
0.75000	0.018102	0.165173	0.048443
1.10E-05	0.053044	1.997595	
1.00000	0.018102	0.165173	0.048443
1.10E-05	0.108780	2.150246	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018102	-0.165173	-0.044770
-1.23E-05	-0.114165	-1.212027	
0.25000	-0.018102	-0.165173	-0.044770
-1.23E-05	-0.058429	-1.417659	
0.50000	-0.018102	-0.165173	-0.044770
-1.23E-05	-0.002693	-1.623291	
0.75000	-0.018102	-0.165173	-0.044770
-1.23E-05	-0.053320	-1.828923	
1.00000	-0.018102	-0.165173	-0.044770
-1.23E-05	-0.119629	-2.034554	

ELEM 154 ================== LENGTH = 4.980886

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005455	-0.037517	-0.007228
1.42E-06	-0.018006	-0.117465	
0.25000	0.005455	-0.037517	-0.007228
1.42E-06	-0.009006	-0.070748	
0.50000	0.005455	-0.037517	-0.007228
1.42E-06	-5.20E-06	-0.024032	
0.75000	0.005455	-0.037517	-0.007228
1.42E-06	0.008993	0.022685	
1.00000	0.005455	-0.037517	-0.007228
1.42E-06	0.017996	0.069401	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011227	0.048641	0.045125
7.45E-06	0.114077	-0.887648	
0.25000	-0.011227	0.048641	0.045125
7.45E-06	0.057886	-0.948217	
0.50000	-0.011227	0.048641	0.045125
7.45E-06	0.001696	-1.008786	
0.75000	-0.011227	0.048641	0.045125
7.45E-06	-0.054495	-1.069355	
1.00000	-0.011227	0.048641	0.045125
7.45E-06	-0.110685	-1.129924	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006562	0.017115	-0.030062
-1.38E-05	-0.078308	2.141749	
0.25000	0.006562	0.017115	-0.030062
-1.38E-05	-0.040873	2.120437	
0.50000	0.006562	0.017115	-0.030062
-1.38E-05	-0.003439	2.099125	

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File:2교대구방향S5-S704.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.006562	0.017115	-0.030062
-1.38E-05	0.033996	2.077813	
1.00000	0.006562	0.017115	-0.030062
-1.38E-05	0.071430	2.056501	

LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000790	-0.028239	-0.007834
4.95E-06	-0.017763	-1.136636	
0.25000	-0.000790	-0.028239	-0.007834
4.95E-06	-0.008007	-1.101471	
0.50000	-0.000790	-0.028239	-0.007834
4.95E-06	0.001748	-1.066307	
0.75000	-0.000790	-0.028239	-0.007834
4.95E-06	0.011503	-1.031143	
1.00000	-0.000790	-0.028239	-0.007834
4.95E-06	0.021259	-0.995978	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012017	-0.020402	-0.037291
-1.24E-05	-0.096314	2.024284	
0.25000	0.012017	-0.020402	-0.037291
-1.24E-05	-0.049879	2.049688	
0.50000	0.012017	-0.020402	-0.037291
-1.24E-05	-0.003444	2.075093	
0.75000	0.012017	-0.020402	-0.037291
-1.24E-05	0.042991	2.100497	
1.00000	0.012017	-0.020402	-0.037291
-1.24E-05	0.089426	2.125902	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012017	0.020402	0.037291
1.24E-05	0.096314	-2.024284	
0.25000	0.012017	0.020402	0.037291
1.24E-05	0.049879	-2.049688	
0.50000	-0.012017	0.020402	0.037291
1.24E-05	0.003444	-2.075093	
0.75000	-0.012017	0.020402	0.037291
1.24E-05	-0.042991	-2.100497	
1.00000	-0.012017	0.020402	0.037291
1.24E-05	-0.089426	-2.125902	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012017	0.048641	0.045125
1.24E-05	0.114077	2.141749	
0.25000	0.012017	0.048641	0.045125
1.24E-05	0.057886	2.120437	
0.50000	0.012017	0.048641	0.045125
1.24E-05	0.003444	2.099125	
0.75000	0.012017	0.048641	0.045125
1.24E-05	0.042991	2.100497	
1.00000	0.012017	0.048641	0.045125
1.24E-05	0.089426	2.125902	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012017	-0.037517	-0.037291
-1.38E-05	-0.096314	-2.024284	
0.25000	-0.012017	-0.037517	-0.037291
-1.38E-05	-0.049879	-2.049688	
0.50000	-0.012017	-0.037517	-0.037291
-1.38E-05	-0.003444	-2.075093	
0.75000	-0.012017	-0.037517	-0.037291
-1.38E-05	-0.054495	-2.100497	
1.00000	-0.012017	-0.037517	-0.037291
-1.38E-05	-0.110685	-2.125902	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 155 ================== LENGTH = 4.981108

LOAD -P4 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004465	-0.021185	-0.006945
1.31E-06	-0.017525	0.067620	
0.25000	0.004465	-0.021185	-0.006945
1.31E-06	-0.008877	0.094002	
0.50000	0.004465	-0.021185	-0.006945
1.31E-06	-0.000229	0.120383	
0.75000	0.004465	-0.021185	-0.006945
1.31E-06	0.008419	0.146765	
1.00000	0.004465	-0.021185	-0.006945
1.31E-06	0.017067	0.173146	

LOAD -P5 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008732	0.029224	0.040660
6.43E-06	0.103218	-1.119187	
0.25000	-0.008732	0.029224	0.040660
6.43E-06	0.052585	-1.155579	
0.50000	-0.008732	0.029224	0.040660
6.43E-06	0.001952	-1.191971	
0.75000	-0.008732	0.029224	0.040660
6.43E-06	-0.048681	-1.228363	
1.00000	-0.008732	0.029224	0.040660
6.43E-06	-0.099314	-1.264754	

LOAD -P6 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004551	0.006996	-0.021886
-1.20E-05	-0.057790	2.050012	
0.25000	0.004551	0.006996	-0.021886
-1.20E-05	-0.030536	2.041300	
0.50000	0.004551	0.006996	-0.021886
-1.20E-05	-0.003282	2.032587	
0.75000	0.004551	0.006996	-0.021886
-1.20E-05	0.023973	2.023874	
1.00000	0.004551	0.006996	-0.021886
-1.20E-05	0.051227	2.015162	

LOAD -P7 ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000284	-0.015035	-0.011829
4.23E-06	-0.027903	-0.998446	
0.25000	-0.000284	-0.015035	-0.011829
4.23E-06	-0.013172	-0.979723	
0.50000	-0.000284	-0.015035	-0.011829
4.23E-06	0.001558	-0.961000	
0.75000	-0.000284	-0.015035	-0.011829
4.23E-06	0.016289	-0.942277	
1.00000	-0.000284	-0.015035	-0.011829
4.23E-06	0.031020	-0.923554	

LOAD -2N+1- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009016	-0.014189	-0.028831
-1.07E-05	-0.075315	2.117632	
0.25000	0.009016	-0.014189	-0.028831
-1.07E-05	-0.039413	2.135301	
0.50000	0.009016	-0.014189	-0.028831
-1.07E-05	-0.003510	2.152970	
0.75000	0.009016	-0.014189	-0.028831
-1.07E-05	0.032392	2.170639	
1.00000	0.009016	-0.014189	-0.028831
-1.07E-05	0.068294	2.188308	

LOAD -2N+2- ------------------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009016	0.014189	0.028831
1.07E-05	0.075315	-2.117632	
0.25000	-0.009016	0.014189	0.028831
1.07E-05	0.039413	-2.135301	
0.50000	-0.009016	0.014189	0.028831
1.07E-05	0.003510	-2.152970	

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File:2교대구방향S5-S704.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.009016	0.014189	0.028831
1.07E-05	-0.032392	-2.170639	
1.00000	-0.009016	0.014189	0.028831
1.07E-05	-0.068294	-2.188308	

COMB SETTLE ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009016	0.029224	0.040660
1.07E-05	0.103218	2.117632	
0.25000	0.009016	0.029224	0.040660
1.07E-05	0.052585	2.135301	
0.50000	0.009016	0.029224	0.040660
1.07E-05	0.003510	2.152970	
0.75000	0.009016	0.029224	0.040660
1.07E-05	0.032392	2.170639	
1.00000	0.009016	0.029224	0.040660
1.07E-05	0.068294	2.188308	

COMB SETTLE ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009016	-0.021185	-0.028831
-1.20E-05	-0.075315	-2.117632	
0.25000	-0.009016	-0.021185	-0.028831
-1.20E-05	-0.039413	-2.135301	
0.50000	-0.009016	-0.021185	-0.028831
-1.20E-05	-0.003510	-2.152970	
0.75000	-0.009016	-0.021185	-0.028831
-1.20E-05	-0.048681	-2.170639	
1.00000	-0.009016	-0.021185	-0.028831
-1.20E-05	-0.099314	-2.188308	

ELEM 156 ================== LENGTH = 4.980363

LOAD -P4 ------------------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003861	-0.024147	-0.006178
1.01E-06	-0.015795	0.171495	
0.25000	0.003861	-0.024147	-0.006178
1.01E-06	-0.008102	0.201560	
0.50000	0.003861	-0.024147	-0.006178
1.01E-06	-0.000409	0.231625	
0.75000	0.003861	-0.024147	-0.006178
1.01E-06	0.007284	0.261690	
1.00000	0.003861	-0.024147	-0.006178
1.01E-06	0.014976	0.291755	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007601	0.072739	0.035417
1.84E-06	0.090546	-1.255219	
0.25000	-0.007601	0.072739	0.035417
1.84E-06	0.046448	-1.345786	
0.50000	-0.007601	0.072739	0.035417
1.84E-06	0.002351	-1.436353	
0.75000	-0.007601	0.072739	0.035417
1.84E-06	-0.041747	-1.526920	
1.00000	-0.007601	0.072739	0.035417
1.84E-06	-0.085844	-1.617487	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003907	-0.071548	-0.013562
-3.21E-06	-0.037324	2.010714	
0.25000	0.003907	-0.071548	-0.013562
-3.21E-06	-0.020438	2.099798	
0.50000	0.003907	-0.071548	-0.013562
-3.21E-06	-0.003551	2.188883	
0.75000	0.003907	-0.071548	-0.013562
-3.21E-06	0.013335	2.277967	
1.00000	0.003907	-0.071548	-0.013562
-3.21E-06	0.030221	2.367051	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000167	0.022956	-0.015676
3.65E-07	-0.037427	-0.926991	
0.25000	-0.000167	0.022956	-0.015676
3.65E-07	-0.017909	-0.955573	
0.50000	-0.000167	0.022956	-0.015676
3.65E-07	0.001610	-0.984155	
0.75000	-0.000167	0.022956	-0.015676
3.65E-07	0.021128	-1.012737	
1.00000	-0.000167	0.022956	-0.015676
3.65E-07	0.040647	-1.041319	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007768	-0.095695	-0.019741
-2.20E-06	-0.053118	2.182209	
0.25000	0.007768	-0.095695	-0.019741
-2.20E-06	-0.028540	2.301359	
0.50000	0.007768	-0.095695	-0.019741
-2.20E-06	-0.003961	2.420508	
0.75000	0.007768	-0.095695	-0.019741
-2.20E-06	0.020618	2.539657	
1.00000	0.007768	-0.095695	-0.019741
-2.20E-06	0.045197	2.658806	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007768	0.095695	0.019741
2.20E-06	0.053118	-2.182209	
0.25000	-0.007768	0.095695	0.019741
2.20E-06	0.028540	-2.301359	
0.50000	-0.007768	0.095695	0.019741
2.20E-06	0.003961	-2.420508	
0.75000	-0.007768	0.095695	0.019741
2.20E-06	-0.020618	-2.539657	
1.00000	-0.007768	0.095695	0.019741
2.20E-06	-0.045197	-2.658806	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007768	0.095695	0.035417
2.20E-06	0.090546	2.182209	
0.25000	0.007768	0.095695	0.035417
2.20E-06	0.046448	2.301359	
0.50000	0.007768	0.095695	0.035417
2.20E-06	0.003961	2.420508	
0.75000	0.007768	0.095695	0.035417
2.20E-06	0.021128	2.539657	
1.00000	0.007768	0.095695	0.035417
2.20E-06	0.045197	2.658806	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007768	-0.095695	-0.019741
-3.21E-06	-0.053118	-2.182209	
0.25000	-0.007768	-0.095695	-0.019741
-3.21E-06	-0.028540	-2.301359	
0.50000	-0.007768	-0.095695	-0.019741
-3.21E-06	-0.003961	-2.420508	
0.75000	-0.007768	-0.095695	-0.019741
-3.21E-06	-0.041747	-2.539657	
1.00000	-0.007768	-0.095695	-0.019741
-3.21E-06	-0.085844	-2.658806	

ELEM 157 ========== LENGTH = 4.980629

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.002590	-0.008187	-0.005072
1.07E-06	-0.013140	0.290341	
0.25000	0.002590	-0.008187	-0.005072
1.07E-06	-0.006824	0.300535	
0.50000	0.002590	-0.008187	-0.005072
1.07E-06	-0.000508	0.310729	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.002590	-0.008187	-0.005072
1.07E-06	0.005807	0.320923	
1.00000	0.002590	-0.008187	-0.005072
1.07E-06	0.012123	0.331117	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004177	0.044887	0.029089
-3.40E-06	0.075272	-1.609386	
0.25000	-0.004177	0.044887	0.029089
-3.40E-06	0.039052	-1.665277	
0.50000	-0.004177	0.044887	0.029089
-3.40E-06	0.002832	-1.721168	
0.75000	-0.004177	0.044887	0.029089
-3.40E-06	-0.033388	-1.777060	
1.00000	-0.004177	0.044887	0.029089
-3.40E-06	-0.069609	-1.832951	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.000729	-0.063579	-0.004226
6.96E-06	-0.014623	2.364796	
0.25000	0.000729	-0.063579	-0.004226
6.96E-06	-0.009362	2.443962	
0.50000	0.000729	-0.063579	-0.004226
6.96E-06	-0.004100	2.523128	
0.75000	0.000729	-0.063579	-0.004226
6.96E-06	0.001161	2.602293	
1.00000	0.000729	-0.063579	-0.004226
6.96E-06	0.006423	2.681459	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.000857	0.026879	-0.019791
-4.63E-06	-0.047509	-1.045751	
0.25000	0.000857	0.026879	-0.019791
-4.63E-06	-0.022866	-1.079220	
0.50000	0.000857	0.026879	-0.019791
-4.63E-06	0.001777	-1.112688	
0.75000	0.000857	0.026879	-0.019791
-4.63E-06	0.026420	-1.146157	
1.00000	0.000857	0.026879	-0.019791
-4.63E-06	0.051063	-1.179626	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003319	-0.071766	-0.009298
8.03E-06	-0.027763	2.655137	
0.25000	0.003319	-0.071766	-0.009298
8.03E-06	-0.016186	2.744497	
0.50000	0.003319	-0.071766	-0.009298
8.03E-06	-0.004609	2.833857	
0.75000	0.003319	-0.071766	-0.009298
8.03E-06	0.006969	2.923217	
1.00000	0.003319	-0.071766	-0.009298
8.03E-06	0.018546	3.012577	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003319	0.071766	0.009298
-8.03E-06	0.027763	-2.655137	
0.25000	-0.003319	0.071766	0.009298
-8.03E-06	0.016186	-2.744497	
0.50000	-0.003319	0.071766	0.009298
-8.03E-06	0.004609	-2.833857	
0.75000	-0.003319	0.071766	0.009298
-8.03E-06	-0.006969	-2.923217	
1.00000	-0.003319	0.071766	0.009298
-8.03E-06	-0.018546	-3.012577	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003319	0.071766	0.029089
8.03E-06	0.075272	2.655137	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	0.003319	0.071766	0.029089
8.03E-06	0.039052	2.744497	
0.50000	0.003319	0.071766	0.029089
8.03E-06	0.004609	2.833857	
0.75000	0.003319	0.071766	0.029089
8.03E-06	0.026420	2.923217	
1.00000	0.003319	0.071766	0.029089
8.03E-06	0.051063	3.012577	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004177	-0.071766	-0.019791
-8.03E-06	-0.047509	-2.655137	
0.25000	-0.004177	-0.071766	-0.019791
-8.03E-06	-0.022866	-2.744497	
0.50000	-0.004177	-0.071766	-0.019791
-8.03E-06	-0.004609	-2.833857	
0.75000	-0.004177	-0.071766	-0.019791
-8.03E-06	-0.033388	-2.923217	
1.00000	-0.004177	-0.071766	-0.019791
-8.03E-06	-0.069609	-3.012577	

ELEM 158 ========== LENGTH = 4.981022

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.002073	-0.013539	-0.003748
1.40E-06	-0.009928	0.330011	
0.25000	0.002073	-0.013539	-0.003748
1.40E-06	-0.005260	0.346870	
0.50000	0.002073	-0.013539	-0.003748
1.40E-06	-0.000593	0.363729	
0.75000	0.002073	-0.013539	-0.003748
1.40E-06	0.004075	0.380588	
1.00000	0.002073	-0.013539	-0.003748
1.40E-06	0.008742	0.397447	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003021	0.075172	0.021642
-8.00E-06	0.057200	-1.826583	
0.25000	-0.003021	0.075172	0.021642
-8.00E-06	0.030249	-1.920192	
0.50000	-0.003021	0.075172	0.021642
-8.00E-06	0.003299	-2.013801	
0.75000	-0.003021	0.075172	0.021642
-8.00E-06	-0.023651	-2.107409	
1.00000	-0.003021	0.075172	0.021642
-8.00E-06	-0.050602	-2.201018	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000207	-0.108351	0.006578
1.62E-05	0.011574	2.681716	
0.25000	-0.000207	-0.108351	0.006578
1.62E-05	0.003383	2.816640	
0.50000	-0.000207	-0.108351	0.006578
1.62E-05	-0.004809	2.951565	
0.75000	-0.000207	-0.108351	0.006578
1.62E-05	-0.013001	3.086490	
1.00000	-0.000207	-0.108351	0.006578
1.62E-05	-0.021192	3.221415	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001156	0.046718	-0.024473
-9.61E-06	-0.058846	-1.185143	
0.25000	0.001156	0.046718	-0.024473
-9.61E-06	-0.028372	-1.243318	
0.50000	0.001156	0.046718	-0.024473
-9.61E-06	0.002103	-1.301494	
0.75000	0.001156	0.046718	-0.024473
-9.61E-06	0.032577	-1.359669	
1.00000	0.001156	0.046718	-0.024473
-9.61E-06	0.063052	-1.417844	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001865	-0.121890	0.002830
1.76E-05	0.001647	3.011726	
0.25000	0.001865	-0.121890	0.002830
1.76E-05	-0.001878	3.163510	
0.50000	0.001865	-0.121890	0.002830
1.76E-05	-0.005402	3.315294	
0.75000	0.001865	-0.121890	0.002830
1.76E-05	-0.008926	3.467078	
1.00000	0.001865	-0.121890	0.002830
1.76E-05	-0.012450	3.618862	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001865	0.121890	-0.002830
-1.76E-05	-0.001647	-3.011726	
0.25000	-0.001865	0.121890	-0.002830
-1.76E-05	0.001878	-3.163510	
0.50000	-0.001865	0.121890	-0.002830
-1.76E-05	0.005402	-3.315294	
0.75000	-0.001865	0.121890	-0.002830
-1.76E-05	0.008926	-3.467078	
1.00000	-0.001865	0.121890	-0.002830
-1.76E-05	0.012450	-3.618862	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.002073	0.121890	0.021642
1.76E-05	0.057200	3.011726	
0.25000	0.002073	0.121890	0.021642
1.76E-05	0.030249	3.163510	
0.50000	0.002073	0.121890	0.021642
1.76E-05	0.005402	3.315294	
0.75000	0.002073	0.121890	0.021642
1.76E-05	0.032577	3.467078	
1.00000	0.002073	0.121890	0.021642
1.76E-05	0.063052	3.618862	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003021	-0.121890	-0.024473
-1.76E-05	-0.058846	-3.011726	
0.25000	-0.003021	-0.121890	-0.024473
-1.76E-05	-0.028372	-3.163510	
0.50000	-0.003021	-0.121890	-0.024473
-1.76E-05	-0.005402	-3.315294	
0.75000	-0.003021	-0.121890	-0.024473
-1.76E-05	-0.023651	-3.467078	
1.00000	-0.003021	-0.121890	-0.024473
-1.76E-05	-0.050602	-3.618862	

ELEM 159 ========== LENGTH = 4.980422

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001000	0.008354	-0.002300
1.19E-06	-0.006344	0.396690	
0.25000	0.001000	0.008354	-0.002300
1.19E-06	-0.003480	0.386289	
0.50000	0.001000	0.008354	-0.002300
1.19E-06	-0.000616	0.375888	
0.75000	0.001000	0.008354	-0.002300
1.19E-06	0.002248	0.365486	
1.00000	0.001000	0.008354	-0.002300
1.19E-06	0.005113	0.355085	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.001523	-0.046273	0.013520
-7.86E-06	0.037091	-2.196616	
0.25000	0.001523	-0.046273	0.013520
-7.86E-06	0.020258	-2.139002	
0.50000	0.001523	-0.046273	0.013520
-7.86E-06	0.003424	-2.081388	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.001523	-0.046273	0.013520
-7.86E-06	-0.013410	-2.023774	
1.00000	0.001523	-0.046273	0.013520
-7.86E-06	-0.030243	-1.966159	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006237	0.069772	0.018418
1.71E-05	0.040876	3.224536	
0.25000	-0.006237	0.069772	0.018418
1.71E-05	0.017944	3.137662	
0.50000	-0.006237	0.069772	0.018418
1.71E-05	-0.004988	3.050788	
0.75000	-0.006237	0.069772	0.018418
1.71E-05	-0.027920	2.963915	
1.00000	-0.006237	0.069772	0.018418
1.71E-05	-0.050852	2.877041	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003714	-0.031853	-0.029637
-1.04E-05	-0.071623	-1.424609	
0.25000	0.003714	-0.031853	-0.029637
-1.04E-05	-0.034722	-1.384949	
0.50000	0.003714	-0.031853	-0.029637
-1.04E-05	0.002179	-1.345288	
0.75000	0.003714	-0.031853	-0.029637
-1.04E-05	0.039081	-1.305627	
1.00000	0.003714	-0.031853	-0.029637
-1.04E-05	0.075982	-1.265967	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005237	0.078126	0.016117
1.83E-05	0.034532	3.621226	
0.25000	-0.005237	0.078126	0.016117
1.83E-05	0.014464	3.523951	
0.50000	-0.005237	0.078126	0.016117
1.83E-05	-0.005603	3.426676	
0.75000	-0.005237	0.078126	0.016117
1.83E-05	-0.025671	3.329401	
1.00000	-0.005237	0.078126	0.016117
1.83E-05	-0.045739	3.232126	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005237	-0.078126	-0.016117
-1.83E-05	-0.034532	-3.621226	
0.25000	0.005237	-0.078126	-0.016117
-1.83E-05	-0.014464	-3.523951	
0.50000	0.005237	-0.078126	-0.016117
-1.83E-05	0.005603	-3.426676	
0.75000	0.005237	-0.078126	-0.016117
-1.83E-05	0.025671	-3.329401	
1.00000	0.005237	-0.078126	-0.016117
-1.83E-05	0.045739	-3.232126	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005237	0.078126	0.018418
1.83E-05	0.040876	3.621226	
0.25000	0.005237	0.078126	0.018418
1.83E-05	0.020258	3.523951	
0.50000	0.005237	0.078126	0.018418
1.83E-05	0.005603	3.426676	
0.75000	0.005237	0.078126	0.018418
1.83E-05	0.039081	3.329401	
1.00000	0.005237	0.078126	0.018418
1.83E-05	0.075982	3.232126	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006237	-0.078126	-0.029637
-1.83E-05	-0.071623	-3.621226	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-0.006237	-0.078126	-0.029637
-1.83E-05	-0.034722	-3.523951	
0.50000	-0.006237	-0.078126	-0.029637
-1.83E-05	-0.005603	-3.426676	
0.75000	-0.006237	-0.078126	-0.029637
-1.83E-05	-0.027920	-3.329401	
1.00000	-0.006237	-0.078126	-0.029637
-1.83E-05	-0.050852	-3.232126	

ELEM 160 ========== LENGTH = 4.980901

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.000452	0.013422	-0.000940
8.10E-07	-0.002862	0.354684	
0.25000	0.000452	0.013422	-0.000940
8.10E-07	-0.001692	0.337971	
0.50000	0.000452	0.013422	-0.000940
8.10E-07	-0.000522	0.321258	
0.75000	0.000452	0.013422	-0.000940
8.10E-07	0.000649	0.304544	
1.00000	0.000452	0.013422	-0.000940
8.10E-07	0.001819	0.287831	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003379	-0.074275	0.005894
-5.72E-06	0.017580	-1.963756	
0.25000	0.003379	-0.074275	0.005894
-5.72E-06	0.010240	-1.871267	
0.50000	0.003379	-0.074275	0.005894
-5.72E-06	0.002901	-1.778778	
0.75000	0.003379	-0.074275	0.005894
-5.72E-06	-0.004439	-1.686289	
1.00000	0.003379	-0.074275	0.005894
-5.72E-06	-0.011778	-1.593799	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008269	0.110778	0.029497
1.44E-05	0.069242	2.883070	
0.25000	-0.008269	0.110778	0.029497
1.44E-05	0.032511	2.745126	
0.50000	-0.008269	0.110778	0.029497
1.44E-05	-0.004220	2.607183	
0.75000	-0.008269	0.110778	0.029497
1.44E-05	-0.040951	2.469239	
1.00000	-0.008269	0.110778	0.029497
1.44E-05	-0.077681	2.331296	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004438	-0.049925	-0.034452
-9.46E-06	-0.083960	-1.273998	
0.25000	0.004438	-0.049925	-0.034452
-9.46E-06	-0.041060	-1.211830	
0.50000	0.004438	-0.049925	-0.034452
-9.46E-06	0.001840	-1.149663	
0.75000	0.004438	-0.049925	-0.034452
-9.46E-06	0.044740	-1.087495	
1.00000	0.004438	-0.049925	-0.034452
-9.46E-06	0.087641	-1.025327	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007818	0.124200	0.028558
1.52E-05	0.066380	3.237755	
0.25000	-0.007818	0.124200	0.028558
1.52E-05	0.030819	3.083098	
0.50000	-0.007818	0.124200	0.028558
1.52E-05	-0.004741	2.928441	
0.75000	-0.007818	0.124200	0.028558
1.52E-05	-0.040302	2.773784	
1.00000	-0.007818	0.124200	0.028558
1.52E-05	-0.075863	2.619127	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007818	-0.124200	-0.028558
-1.52E-05	-0.066380	-3.237755	
0.25000	0.007818	-0.124200	-0.028558
-1.52E-05	-0.030819	-3.083098	
0.50000	0.007818	-0.124200	-0.028558
-1.52E-05	0.004741	-2.928441	
0.75000	0.007818	-0.124200	-0.028558
-1.52E-05	0.040302	-2.773784	
1.00000	0.007818	-0.124200	-0.028558
-1.52E-05	0.075863	-2.619127	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007818	0.124200	0.029497
1.52E-05	0.069242	3.237755	
0.25000	0.007818	0.124200	0.029497
1.52E-05	0.032511	3.083098	
0.50000	0.007818	0.124200	0.029497
1.52E-05	0.004741	2.928441	
0.75000	0.007818	0.124200	0.029497
1.52E-05	0.044740	2.773784	
1.00000	0.007818	0.124200	0.029497
1.52E-05	0.087641	2.619127	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008269	-0.124200	-0.034452
-1.52E-05	-0.083960	-3.237755	
0.25000	-0.008269	-0.124200	-0.034452
-1.52E-05	-0.041060	-3.083098	
0.50000	-0.008269	-0.124200	-0.034452
-1.52E-05	-0.004741	-2.928441	
0.75000	-0.008269	-0.124200	-0.034452
-1.52E-05	-0.040951	-2.773784	
1.00000	-0.008269	-0.124200	-0.034452
-1.52E-05	-0.077681	-2.619127	

ELEM 161 ========== LENGTH = 4.980413

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.60E-05	0.016173	0.000157
3.42E-07	-6.13E-06	0.287737	
0.25000	5.60E-05	0.016173	0.000157
3.42E-07	-0.000202	0.267600	
0.50000	5.60E-05	0.016173	0.000157
3.42E-07	-0.000398	0.247462	
0.75000	5.60E-05	0.016173	0.000157
3.42E-07	-0.000593	0.227325	
1.00000	5.60E-05	0.016173	0.000157
3.42E-07	-0.000789	0.207187	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004562	-0.089524	-0.000258
-2.89E-06	0.001570	-1.593120	
0.25000	0.004562	-0.089524	-0.000258
-2.89E-06	0.001892	-1.481653	
0.50000	0.004562	-0.089524	-0.000258
-2.89E-06	0.002213	-1.370186	
0.75000	0.004562	-0.089524	-0.000258
-2.89E-06	0.002534	-1.258719	
1.00000	0.004562	-0.089524	-0.000258
-2.89E-06	0.002855	-1.147252	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009438	0.133134	0.038446
1.03E-05	0.092520	2.339831	
0.25000	-0.009438	0.133134	0.038446
1.03E-05	0.044650	2.174066	
0.50000	-0.009438	0.133134	0.038446
1.03E-05	-0.003219	2.008300	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.009438	0.133134	0.038446
1.03E-05	-0.051088	1.842535	
1.00000	-0.009438	0.133134	0.038446
1.03E-05	-0.098958	1.676769	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.004820	-0.059783	-0.038345
-7.79E-06	-0.094084	-1.034448	
0.25000	0.004820	-0.059783	-0.038345
-7.79E-06	-0.046340	-0.960012	
0.50000	0.004820	-0.059783	-0.038345
-7.79E-06	0.001404	-0.885577	
0.75000	0.004820	-0.059783	-0.038345
-7.79E-06	0.049148	-0.811141	
1.00000	0.004820	-0.059783	-0.038345
-7.79E-06	0.096892	-0.736705	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009382	0.149307	0.038603
1.07E-05	0.092513	2.627568	
0.25000	-0.009382	0.149307	0.038603
1.07E-05	0.044448	2.441665	
0.50000	-0.009382	0.149307	0.038603
1.07E-05	-0.003617	2.255763	
0.75000	-0.009382	0.149307	0.038603
1.07E-05	-0.051682	2.069860	
1.00000	-0.009382	0.149307	0.038603
1.07E-05	-0.099747	1.883957	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.009382	-0.149307	-0.038603
-1.07E-05	-0.092513	-2.627568	
0.25000	0.009382	-0.149307	-0.038603
-1.07E-05	-0.044448	-2.441665	
0.50000	0.009382	-0.149307	-0.038603
-1.07E-05	0.003617	-2.255763	
0.75000	0.009382	-0.149307	-0.038603
-1.07E-05	0.051682	-2.069860	
1.00000	0.009382	-0.149307	-0.038603
-1.07E-05	0.099747	-1.883957	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.009382	0.149307	0.038603
1.07E-05	0.092520	2.627568	
0.25000	0.009382	0.149307	0.038603
1.07E-05	0.044650	2.441665	
0.50000	0.009382	0.149307	0.038603
1.07E-05	0.003617	2.255763	
0.75000	0.009382	0.149307	0.038603
1.07E-05	0.051682	2.069860	
1.00000	0.009382	0.149307	0.038603
1.07E-05	0.099747	1.883957	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009438	-0.149307	-0.038603
-1.07E-05	-0.094084	-2.627568	
0.25000	-0.009438	-0.149307	-0.038603
-1.07E-05	-0.046340	-2.441665	
0.50000	-0.009438	-0.149307	-0.038603
-1.07E-05	-0.003617	-2.255763	
0.75000	-0.009438	-0.149307	-0.038603
-1.07E-05	-0.051682	-2.069860	
1.00000	-0.009438	-0.149307	-0.038603
-1.07E-05	-0.099747	-1.883957	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 162 ========== LENGTH = 4.980998

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.11E-05	0.006949	0.000993
-5.99E-08	0.002168	0.207336	
0.25000	4.11E-05	0.006949	0.000993
-5.99E-08	0.000932	0.198683	
0.50000	4.11E-05	0.006949	0.000993
-5.99E-08	-0.000305	0.190029	
0.75000	4.11E-05	0.006949	0.000993
-5.99E-08	-0.001541	0.181376	
1.00000	4.11E-05	0.006949	0.000993
-5.99E-08	-0.002778	0.172723	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003754	-0.038449	-0.004950
-4.43E-07	-0.010631	-1.147931	
0.25000	0.003754	-0.038449	-0.004950
-4.43E-07	-0.004467	-1.100052	
0.50000	0.003754	-0.038449	-0.004950
-4.43E-07	0.001697	-1.052173	
0.75000	0.003754	-0.038449	-0.004950
-4.43E-07	0.007860	-1.004294	
1.00000	0.003754	-0.038449	-0.004950
-4.43E-07	0.014024	-0.956414	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007588	0.058270	0.045243
6.68E-06	0.110212	1.687277	
0.25000	-0.007588	0.058270	0.045243
6.68E-06	0.053873	1.614715	
0.50000	-0.007588	0.058270	0.045243
6.68E-06	-0.002466	1.542154	
0.75000	-0.007588	0.058270	0.045243
6.68E-06	-0.058805	1.469593	
1.00000	-0.007588	0.058270	0.045243
6.68E-06	-0.115144	1.397032	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003793	-0.026770	-0.041286
-6.17E-06	-0.101749	-0.746681	
0.25000	0.003793	-0.026770	-0.041286
-6.17E-06	-0.050337	-0.713346	
0.50000	0.003793	-0.026770	-0.041286
-6.17E-06	0.001074	-0.680011	
0.75000	0.003793	-0.026770	-0.041286
-6.17E-06	0.052486	-0.646676	
1.00000	0.003793	-0.026770	-0.041286
-6.17E-06	0.103897	-0.613340	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007547	0.065219	0.046236
6.62E-06	0.112380	1.894613	
0.25000	-0.007547	0.065219	0.046236
6.62E-06	0.054805	1.813398	
0.50000	-0.007547	0.065219	0.046236
6.62E-06	-0.002771	1.732184	
0.75000	-0.007547	0.065219	0.046236
6.62E-06	-0.060346	1.650969	
1.00000	-0.007547	0.065219	0.046236
6.62E-06	-0.117922	1.569755	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007547	-0.065219	-0.046236
-6.62E-06	-0.112380	-1.894613	
0.25000	0.007547	-0.065219	-0.046236
-6.62E-06	-0.054805	-1.813398	
0.50000	0.007547	-0.065219	-0.046236
-6.62E-06	0.002771	-1.732184	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	0.007547	-0.065219	-0.046236
-6.62E-06	0.060346	-1.650969	
1.00000	0.007547	-0.065219	-0.046236
-6.62E-06	0.117922	-1.569755	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007547	0.065219	0.046236
6.68E-06	0.112380	1.894613	
0.25000	0.007547	0.065219	0.046236
6.68E-06	0.054805	1.813398	
0.50000	0.007547	0.065219	0.046236
6.68E-06	0.002771	1.732184	
0.75000	0.007547	0.065219	0.046236
6.68E-06	0.060346	1.650969	
1.00000	0.007547	0.065219	0.046236
6.68E-06	0.117922	1.569755	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007588	-0.065219	-0.046236
-6.62E-06	-0.112380	-1.894613	
0.25000	-0.007588	-0.065219	-0.046236
-6.62E-06	-0.054805	-1.813398	
0.50000	-0.007588	-0.065219	-0.046236
-6.62E-06	-0.002771	-1.732184	
0.75000	-0.007588	-0.065219	-0.046236
-6.62E-06	-0.060346	-1.650969	
1.00000	-0.007588	-0.065219	-0.046236
-6.62E-06	-0.117922	-1.569755	

ELEM 163 ========== LENGTH = 4.980623

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000141	0.007215	0.001652
-4.39E-07	0.003863	0.173056	
0.25000	-0.000141	0.007215	0.001652
-4.39E-07	0.001807	0.164072	
0.50000	-0.000141	0.007215	0.001652
-4.39E-07	-0.000250	0.155088	
0.75000	-0.000141	0.007215	0.001652
-4.39E-07	-0.002306	0.146104	
1.00000	-0.000141	0.007215	0.001652
-4.39E-07	-0.004363	0.137120	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003960	-0.039925	-0.008651
1.79E-06	-0.020153	-0.958130	
0.25000	0.003960	-0.039925	-0.008651
1.79E-06	-0.009381	-0.908417	
0.50000	0.003960	-0.039925	-0.008651
1.79E-06	0.001390	-0.858704	
0.75000	0.003960	-0.039925	-0.008651
1.79E-06	0.012162	-0.808990	
1.00000	0.003960	-0.039925	-0.008651
1.79E-06	0.022934	-0.759277	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007452	0.060420	0.050607
3.42E-06	0.124009	1.409042	
0.25000	-0.007452	0.060420	0.050607
3.42E-06	0.060995	1.333810	
0.50000	-0.007452	0.060420	0.050607
3.42E-06	-0.002018	1.258578	
0.75000	-0.007452	0.060420	0.050607
3.42E-06	-0.065032	1.183346	
1.00000	-0.007452	0.060420	0.050607
3.42E-06	-0.128046	1.108115	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003633	-0.027709	-0.043608
-4.77E-06	-0.107719	-0.623967	
0.25000	0.003633	-0.027709	-0.043608
-4.77E-06	-0.053421	-0.589465	
0.50000	0.003633	-0.027709	-0.043608
-4.77E-06	0.000878	-0.554962	
0.75000	0.003633	-0.027709	-0.043608
-4.77E-06	0.055176	-0.520460	
1.00000	0.003633	-0.027709	-0.043608
-4.77E-06	0.109475	-0.485958	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007594	0.067635	0.052259
2.98E-06	0.127872	1.582097	
0.25000	-0.007594	0.067635	0.052259
2.98E-06	0.062802	1.497882	
0.50000	-0.007594	0.067635	0.052259
2.98E-06	-0.002268	1.413666	
0.75000	-0.007594	0.067635	0.052259
2.98E-06	-0.067338	1.329451	
1.00000	-0.007594	0.067635	0.052259
2.98E-06	-0.132409	1.245235	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007594	-0.067635	-0.052259
-2.98E-06	-0.127872	-1.582097	
0.25000	0.007594	-0.067635	-0.052259
-2.98E-06	-0.062802	-1.497882	
0.50000	0.007594	-0.067635	-0.052259
-2.98E-06	0.002268	-1.413666	
0.75000	0.007594	-0.067635	-0.052259
-2.98E-06	0.067338	-1.329451	
1.00000	0.007594	-0.067635	-0.052259
-2.98E-06	0.132409	-1.245235	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007594	0.067635	0.052259
3.42E-06	0.127872	1.582097	
0.25000	0.007594	0.067635	0.052259
3.42E-06	0.062802	1.497882	
0.50000	0.007594	0.067635	0.052259
3.42E-06	0.002268	1.413666	
0.75000	0.007594	0.067635	0.052259
3.42E-06	0.067338	1.329451	
1.00000	0.007594	0.067635	0.052259
3.42E-06	0.132409	1.245235	

COMB SETTLE ---------- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007594	-0.067635	-0.052259
-4.77E-06	-0.127872	-1.582097	
0.25000	-0.007594	-0.067635	-0.052259
-4.77E-06	-0.062802	-1.497882	
0.50000	-0.007594	-0.067635	-0.052259
-4.77E-06	-0.002268	-1.413666	
0.75000	-0.007594	-0.067635	-0.052259
-4.77E-06	-0.067338	-1.329451	
1.00000	-0.007594	-0.067635	-0.052259
-4.77E-06	-0.132409	-1.245235	

ELEM 164 ========== LENGTH = 4.980359

LOAD -P4 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000261	0.007145	0.002176
-8.15E-07	0.005226	0.137601	
0.25000	-0.000261	0.007145	0.002176
-8.15E-07	0.002518	0.128705	
0.50000	-0.000261	0.007145	0.002176
-8.15E-07	-0.000191	0.119808	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.000261	0.007145	0.002176
-8.15E-07	-0.002900	0.110912	
1.00000	-0.000261	0.007145	0.002176
-8.15E-07	-0.005609	0.102015	

LOAD -P5 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003889	-0.039540	-0.011594
3.92E-06	-0.027806	-0.761824	
0.25000	0.003889	-0.039540	-0.011594
3.92E-06	-0.013370	-0.712592	
0.50000	0.003889	-0.039540	-0.011594
3.92E-06	0.001065	-0.663361	
0.75000	0.003889	-0.039540	-0.011594
3.92E-06	0.015500	-0.614130	
1.00000	0.003889	-0.039540	-0.011594
3.92E-06	0.029936	-0.564898	

LOAD -P6 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007128	0.059879	0.054872
7.87E-07	0.135093	1.121329	
0.25000	-0.007128	0.059879	0.054872
7.87E-07	0.066773	1.046774	
0.50000	-0.007128	0.059879	0.054872
7.87E-07	-0.001548	0.972220	
0.75000	-0.007128	0.059879	0.054872
7.87E-07	-0.069868	0.897666	
1.00000	-0.007128	0.059879	0.054872
7.87E-07	-0.138189	0.823112	

LOAD -P7 ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.003500	-0.027483	-0.045454
-3.89E-06	-0.112514	-0.497106	
0.25000	0.003500	-0.027483	-0.045454
-3.89E-06	-0.055920	-0.462887	
0.50000	0.003500	-0.027483	-0.045454
-3.89E-06	0.000674	-0.428668	
0.75000	0.003500	-0.027483	-0.045454
-3.89E-06	0.057268	-0.394448	
1.00000	0.003500	-0.027483	-0.045454
-3.89E-06	0.113862	-0.360229	

LOAD -2N+1- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007389	0.067024	0.057048
-2.82E-08	0.140319	1.258930	
0.25000	-0.007389	0.067024	0.057048
-2.82E-08	0.069290	1.175479	
0.50000	-0.007389	0.067024	0.057048
-2.82E-08	-0.001739	1.092029	
0.75000	-0.007389	0.067024	0.057048
-2.82E-08	-0.072768	1.008578	
1.00000	-0.007389	0.067024	0.057048
-2.82E-08	-0.143798	0.925127	

LOAD -2N+2- ----------

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007389	-0.067024	-0.057048
2.82E-08	-0.140319	-1.258930	
0.25000	0.007389	-0.067024	-0.057048
2.82E-08	-0.069290	-1.175479	
0.50000	0.007389	-0.067024	-0.057048
2.82E-08	0.001739	-1.092029	
0.75000	0.007389	-0.067024	-0.057048
2.82E-08	0.072768	-1.008578	
1.00000	0.007389	-0.067024	-0.057048
2.82E-08	0.143798	-0.925127	

COMB SETTLE ---------- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.007389	0.067024	0.057048
3.92E-06	0.140319	1.258930	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.007389	0.067024	0.057048
3.92E-06	0.069290	1.175479	
0.50000	0.007389	0.067024	0.057048
3.92E-06	0.001739	1.092029	
0.75000	0.007389	0.067024	0.057048
3.92E-06	0.072768	1.008578	
1.00000	0.007389	0.067024	0.057048
3.92E-06	0.143798	0.925127	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007389	-0.067024	-0.057048
-3.89E-06	-0.140319	-1.258930	
0.25000	-0.007389	-0.067024	-0.057048
-3.89E-06	-0.069290	-1.175479	
0.50000	-0.007389	-0.067024	-0.057048
-3.89E-06	-0.001739	-1.092029	
0.75000	-0.007389	-0.067024	-0.057048
-3.89E-06	-0.072768	-1.008578	
1.00000	-0.007389	-0.067024	-0.057048
-3.89E-06	-0.143798	-0.925127	

ELEM 165 ========== LENGTH = 4.981052

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000116	-7.73E-05	0.002600
-1.12E-06	0.006308	0.102614	
0.25000	-0.000116	-7.73E-05	0.002600
-1.12E-06	0.003071	0.102710	
0.50000	-0.000116	-7.73E-05	0.002600
-1.12E-06	-0.000167	0.102806	
0.75000	-0.000116	-7.73E-05	0.002600
-1.12E-06	-0.003405	0.102903	
1.00000	-0.000116	-7.73E-05	0.002600
-1.12E-06	-0.006643	0.102999	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002413	0.000446	-0.013975
5.58E-06	-0.033875	-0.568103	
0.25000	0.002413	0.000446	-0.013975
5.58E-06	-0.016473	-0.568659	
0.50000	0.002413	0.000446	-0.013975
5.58E-06	0.000930	-0.569214	
0.75000	0.002413	0.000446	-0.013975
5.58E-06	0.018333	-0.569770	
1.00000	0.002413	0.000446	-0.013975
5.58E-06	0.035735	-0.570326	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004443	0.001213	0.058316
-1.18E-06	0.143871	0.837277	
0.25000	-0.004443	0.001213	0.058316
-1.18E-06	0.071253	0.835767	
0.50000	-0.004443	0.001213	0.058316
-1.18E-06	-0.001366	0.834258	
0.75000	-0.004443	0.001213	0.058316
-1.18E-06	-0.073985	0.832748	
1.00000	-0.004443	0.001213	0.058316
-1.18E-06	-0.146604	0.831238	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002146	-0.001582	-0.046941
-3.28E-06	-0.116305	-0.371788	
0.25000	0.002146	-0.001582	-0.046941
-3.28E-06	-0.057851	-0.369819	
0.50000	0.002146	-0.001582	-0.046941
-3.28E-06	0.000604	-0.367850	
0.75000	0.002146	-0.001582	-0.046941
-3.28E-06	0.059058	-0.365880	
1.00000	0.002146	-0.001582	-0.046941
-3.28E-06	0.117512	-0.363911	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004559	0.001135	0.060916
-2.30E-06	0.150180	0.939891	
0.25000	-0.004559	0.001135	0.060916
-2.30E-06	0.074323	0.938478	
0.50000	-0.004559	0.001135	0.060916
-2.30E-06	-0.001534	0.937064	
0.75000	-0.004559	0.001135	0.060916
-2.30E-06	-0.077390	0.935650	
1.00000	-0.004559	0.001135	0.060916
-2.30E-06	-0.153247	0.934237	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004559	-0.001135	-0.060916
2.30E-06	-0.150180	-0.939891	
0.25000	0.004559	-0.001135	-0.060916
2.30E-06	-0.074323	-0.938478	
0.50000	0.004559	-0.001135	-0.060916
2.30E-06	0.001534	-0.937064	
0.75000	0.004559	-0.001135	-0.060916
2.30E-06	0.077390	-0.935650	
1.00000	0.004559	-0.001135	-0.060916
2.30E-06	0.153247	-0.934237	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004559	0.001213	0.060916
5.58E-06	0.150180	0.939891	
0.25000	0.004559	0.001213	0.060916
5.58E-06	0.074323	0.938478	
0.50000	0.004559	0.001213	0.060916
5.58E-06	0.001534	0.937064	
0.75000	0.004559	0.001213	0.060916
5.58E-06	0.077390	0.935650	
1.00000	0.004559	0.001213	0.060916
5.58E-06	0.153247	0.934237	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004559	-0.001582	-0.060916
-3.28E-06	-0.150180	-0.939891	
0.25000	-0.004559	-0.001582	-0.060916
-3.28E-06	-0.074323	-0.938478	
0.50000	-0.004559	-0.001582	-0.060916
-3.28E-06	-0.001534	-0.937064	
0.75000	-0.004559	-0.001582	-0.060916
-3.28E-06	-0.077390	-0.935650	
1.00000	-0.004559	-0.001582	-0.060916
-3.28E-06	-0.153247	-0.934237	

ELEM 166 ========== LENGTH = 4.979852

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000471	0.014264	0.002896
-1.52E-06	0.007131	0.103689	
0.25000	-0.000471	0.014264	0.002896
-1.52E-06	0.003526	0.085931	
0.50000	-0.000471	0.014264	0.002896
-1.52E-06	-8.01E-05	0.068173	
0.75000	-0.000471	0.014264	0.002896
-1.52E-06	-0.003686	0.050414	
1.00000	-0.000471	0.014264	0.002896
-1.52E-06	-0.007291	0.032656	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003759	-0.078959	-0.015640
7.77E-06	-0.038493	-0.574045	
0.25000	0.003759	-0.078959	-0.015640
7.77E-06	-0.019022	-0.475744	
0.50000	0.003759	-0.078959	-0.015640
7.77E-06	0.000450	-0.377444	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.003759	-0.078959	-0.015640
7.77E-06	0.019922	-0.279144	
1.00000	0.003759	-0.078959	-0.015640
7.77E-06	0.039393	-0.180843	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005956	0.117816	0.060235
-2.99E-06	0.149764	0.846112	
0.25000	-0.005956	0.117816	0.060235
-2.99E-06	0.074774	0.699435	
0.50000	-0.005956	0.117816	0.060235
-2.99E-06	-0.000217	0.552758	
0.75000	-0.005956	0.117816	0.060235
-2.99E-06	-0.075207	0.406080	
1.00000	-0.005956	0.117816	0.060235
-2.99E-06	-0.150198	0.259403	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002669	-0.053122	-0.047491
-3.26E-06	-0.118403	-0.375756	
0.25000	0.002669	-0.053122	-0.047491
-3.26E-06	-0.059278	-0.309621	
0.50000	0.002669	-0.053122	-0.047491
-3.26E-06	-0.000153	-0.243486	
0.75000	0.002669	-0.053122	-0.047491
-3.26E-06	0.058972	-0.177351	
1.00000	0.002669	-0.053122	-0.047491
-3.26E-06	0.118096	-0.111217	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006428	0.132080	0.063131
-4.51E-06	0.156896	0.949801	
0.25000	-0.006428	0.132080	0.063131
-4.51E-06	0.078299	0.785365	
0.50000	-0.006428	0.132080	0.063131
-4.51E-06	-0.000297	0.620930	
0.75000	-0.006428	0.132080	0.063131
-4.51E-06	-0.078893	0.456495	
1.00000	-0.006428	0.132080	0.063131
-4.51E-06	-0.157490	0.292060	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006428	-0.132080	-0.063131
4.51E-06	-0.156896	-0.949801	
0.25000	0.006428	-0.132080	-0.063131
4.51E-06	-0.078299	-0.785365	
0.50000	0.006428	-0.132080	-0.063131
4.51E-06	0.000297	-0.620930	
0.75000	0.006428	-0.132080	-0.063131
4.51E-06	0.078893	-0.456495	
1.00000	0.006428	-0.132080	-0.063131
4.51E-06	0.157490	-0.292060	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006428	0.132080	0.063131
7.77E-06	0.156896	0.949801	
0.25000	0.006428	0.132080	0.063131
7.77E-06	0.078299	0.785365	
0.50000	0.006428	0.132080	0.063131
7.77E-06	0.000450	0.620930	
0.75000	0.006428	0.132080	0.063131
7.77E-06	0.078893	0.456495	
1.00000	0.006428	0.132080	0.063131
7.77E-06	0.157490	0.292060	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006428	-0.132080	-0.063131
-4.51E-06	-0.156896	-0.949801	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.006428	-0.132080	-0.063131
-4.51E-06	-0.078299	-0.785365	
0.50000	-0.006428	-0.132080	-0.063131
-4.51E-06	-0.000297	-0.620930	
0.75000	-0.006428	-0.132080	-0.063131
-4.51E-06	0.078893	-0.456495	
1.00000	-0.006428	-0.132080	-0.063131
-4.51E-06	0.157490	-0.292060	

ELEM 167 ========== LENGTH = 4.482800

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000275	0.007572	0.004101
-1.79E-06	0.008882	0.033461	
0.25000	-0.000275	0.007572	0.004101
-1.79E-06	0.004286	0.024976	
0.50000	-0.000275	0.007572	0.004101
-1.79E-06	-0.000311	0.016490	
0.75000	-0.000275	0.007572	0.004101
-1.79E-06	-0.004907	0.008005	
1.00000	-0.000275	0.007572	0.004101
-1.79E-06	-0.009503	-0.000481	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002085	-0.041892	-0.022194
9.15E-06	-0.048059	-0.185194	
0.25000	0.002085	-0.041892	-0.022194
9.15E-06	-0.023185	-0.138246	
0.50000	0.002085	-0.041892	-0.022194
9.15E-06	0.001688	-0.091297	
0.75000	0.002085	-0.041892	-0.022194
9.15E-06	0.026561	-0.044348	
1.00000	0.002085	-0.041892	-0.022194
9.15E-06	0.051434	0.002600	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003417	0.063668	0.082088
-4.88E-06	0.178339	0.275835	
0.25000	-0.003417	0.063668	0.082088
-4.88E-06	0.086344	0.204482	
0.50000	-0.003417	0.063668	0.082088
-4.88E-06	-0.005652	0.133129	
0.75000	-0.003417	0.063668	0.082088
-4.88E-06	-0.097648	0.061776	
1.00000	-0.003417	0.063668	0.082088
-4.88E-06	-0.189643	-0.009577	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001606	-0.029347	-0.063995
-2.48E-06	-0.139162	-0.124101	
0.25000	0.001606	-0.029347	-0.063995
-2.48E-06	-0.067444	-0.091212	
0.50000	0.001606	-0.029347	-0.063995
-2.48E-06	0.004275	-0.058322	
0.75000	0.001606	-0.029347	-0.063995
-2.48E-06	0.075994	-0.025432	
1.00000	0.001606	-0.029347	-0.063995
-2.48E-06	0.147712	0.007457	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003692	0.071240	0.086189
-6.67E-06	0.187221	0.309296	
0.25000	-0.003692	0.071240	0.086189
-6.67E-06	0.090629	0.229458	
0.50000	-0.003692	0.071240	0.086189
-6.67E-06	-0.005963	0.149619	
0.75000	-0.003692	0.071240	0.086189
-6.67E-06	-0.102555	0.069781	
1.00000	-0.003692	0.071240	0.086189
-6.67E-06	-0.199146	-0.010058	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003692	-0.071240	-0.086189
6.67E-06	-0.187221	-0.309296	
0.25000	0.003692	-0.071240	-0.086189
6.67E-06	-0.090629	-0.229458	
0.50000	0.003692	-0.071240	-0.086189
6.67E-06	0.005963	-0.149619	
0.75000	0.003692	-0.071240	-0.086189
6.67E-06	0.102555	-0.069781	
1.00000	0.003692	-0.071240	-0.086189
6.67E-06	0.199146	0.010058	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003692	0.071240	0.086189
9.15E-06	0.187221	0.309296	
0.25000	0.003692	0.071240	0.086189
9.15E-06	0.090629	0.229458	
0.50000	0.003692	0.071240	0.086189
9.15E-06	0.005963	0.149619	
0.75000	0.003692	0.071240	0.086189
9.15E-06	0.102555	0.069781	
1.00000	0.003692	0.071240	0.086189
9.15E-06	0.199146	0.010058	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003692	-0.071240	-0.086189
-6.67E-06	-0.187221	-0.309296	
0.25000	-0.003692	-0.071240	-0.086189
-6.67E-06	-0.090629	-0.229458	
0.50000	-0.003692	-0.071240	-0.086189
-6.67E-06	-0.005963	-0.149619	
0.75000	-0.003692	-0.071240	-0.086189
-6.67E-06	-0.102555	-0.069781	
1.00000	-0.003692	-0.071240	-0.086189
-6.67E-06	-0.199146	-0.010058	

ELEM 168 ========== LENGTH = 1.200000

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.653902	6.98E-10	4.37E-11
.000000	1.20E-10	9.90E-10	
0.25000	9.653902	6.98E-10	4.37E-11
.000000	1.07E-10	7.80E-10	
0.50000	9.653902	6.98E-10	4.37E-11
.000000	9.39E-11	5.70E-10	
0.75000	9.653902	6.98E-10	4.37E-11
.000000	8.08E-11	3.61E-10	
1.00000	9.653902	6.98E-10	4.37E-11
.000000	6.77E-11	1.51E-10	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.792125	.000000	-1.09E-11
.000000	-5.82E-11	-4.66E-10	
0.25000	-20.792125	.000000	-1.09E-11
.000000	-5.49E-11	-4.66E-10	
0.50000	-20.792125	.000000	-1.09E-11
.000000	-5.17E-11	-4.66E-10	
0.75000	-20.792125	.000000	-1.09E-11
.000000	-4.84E-11	-4.66E-10	
1.00000	-20.792125	.000000	-1.09E-11
.000000	-4.51E-11	-4.66E-10	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.560845	.000000	-1.46E-11
.000000	-1.46E-11	4.66E-10	
0.25000	13.560845	.000000	-1.46E-11
.000000	-1.02E-11	4.66E-10	
0.50000	13.560845	.000000	-1.46E-11
.000000	-5.82E-12	4.66E-10	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	13.560845	.000000	-1.46E-11
.000000	-1.46E-12	4.66E-10	
1.00000	13.560845	.000000	-1.46E-11
.000000	2.91E-12	4.66E-10	

LOAD -P7 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.422622	2.33E-10	-7.28E-12
.000000	-1.82E-11	.000000	
0.25000	-2.422622	2.33E-10	-7.28E-12
.000000	-1.60E-11	-6.98E-11	
0.50000	-2.422622	2.33E-10	-7.28E-12
.000000	-1.38E-11	-1.40E-10	
0.75000	-2.422622	2.33E-10	-7.28E-12
.000000	-1.16E-11	-2.10E-10	
1.00000	-2.422622	2.33E-10	-7.28E-12
.000000	-9.46E-12	-2.79E-10	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.214747	.000000	-2.91E-11
.000000	6.91E-11	9.31E-10	
0.25000	23.214747	.000000	-2.91E-11
.000000	7.79E-11	9.31E-10	
0.50000	23.214747	.000000	-2.91E-11
.000000	8.66E-11	9.31E-10	
0.75000	23.214747	.000000	-2.91E-11
.000000	9.53E-11	9.31E-10	
1.00000	23.214747	.000000	-2.91E-11
.000000	1.04E-10	9.31E-10	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.214747	-9.31E-10	5.82E-11
.000000	-4.00E-11	-1.40E-09	
0.25000	-23.214747	-9.31E-10	5.82E-11
.000000	-5.75E-11	-1.12E-09	
0.50000	-23.214747	-9.31E-10	5.82E-11
.000000	-7.49E-11	-8.38E-10	
0.75000	-23.214747	-9.31E-10	5.82E-11
.000000	-9.24E-11	-5.59E-10	
1.00000	-23.214747	-9.31E-10	5.82E-11
.000000	-1.10E-10	-2.79E-10	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.214747	6.98E-10	5.82E-11
.000000	1.20E-10	9.90E-10	
0.25000	23.214747	6.98E-10	5.82E-11
.000000	1.07E-10	9.31E-10	
0.50000	23.214747	6.98E-10	5.82E-11
.000000	9.39E-11	9.31E-10	
0.75000	23.214747	6.98E-10	5.82E-11
.000000	9.53E-11	9.31E-10	
1.00000	23.214747	6.98E-10	5.82E-11
.000000	1.04E-10	9.31E-10	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.214747	-9.31E-10	-2.91E-11
.000000	-5.82E-11	-1.40E-09	
0.25000	-23.214747	-9.31E-10	-2.91E-11
.000000	-5.75E-11	-1.12E-09	
0.50000	-23.214747	-9.31E-10	-2.91E-11
.000000	-7.49E-11	-8.38E-10	
0.75000	-23.214747	-9.31E-10	-2.91E-11
.000000	-9.24E-11	-5.59E-10	
1.00000	-23.214747	-9.31E-10	-2.91E-11
.000000	-1.10E-10	-4.66E-10	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 169 ========== LENGTH = 1.300000

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-25.332554	1.16E-10	-3.64E-11
.000000	-3.00E-11	1.16E-10	
0.25000	-25.332554	1.16E-10	-3.64E-11
.000000	-1.82E-11	7.86E-11	
0.50000	-25.332554	1.16E-10	-3.64E-11
.000000	-6.37E-12	4.07E-11	

0.75000 -25.332554 1.16E-10 -3.64E-11
.000000 5.46E-12 2.91E-12
1.00000 -25.332554 1.16E-10 -3.64E-11
.000000 1.73E-11 -3.49E-11

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 65.182646 .000000 -4.00E-11
.000000 -2.80E-11 -4.66E-10
0.25000 65.182646 .000000 -4.00E-11
.000000 -1.50E-11 -4.66E-10
0.50000 65.182646 .000000 -4.00E-11
.000000 -1.96E-12 -4.66E-10
0.75000 65.182646 .000000 -4.00E-11
.000000 1.11E-11 -4.66E-10
1.00000 65.182646 .000000 -4.00E-11
.000000 2.41E-11 -4.66E-10

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -54.608913 4.66E-10 1.42E-10
.000000 1.00E-10 2.33E-10
0.25000 -54.608913 4.66E-10 1.42E-10
.000000 5.39E-11 8.15E-11
0.50000 -54.608913 4.66E-10 1.42E-10
.000000 7.82E-12 -6.98E-11
0.75000 -54.608913 4.66E-10 1.42E-10
.000000 -3.83E-11 -2.21E-10
1.00000 -54.608913 4.66E-10 1.42E-10
.000000 -8.44E-11 -3.73E-10

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 14.758821 -2.33E-10 -6.28E-11
.000000 -4.21E-11 .000000
0.25000 14.758821 -2.33E-10 -6.28E-11
.000000 -2.17E-11 7.57E-11
0.50000 14.758821 -2.33E-10 -6.28E-11
.000000 -1.27E-12 1.51E-10
0.75000 14.758821 -2.33E-10 -6.28E-11
.000000 1.91E-11 2.27E-10
1.00000 14.758821 -2.33E-10 -6.28E-11
.000000 3.95E-11 3.03E-10

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -79.941467 4.66E-10 8.90E-11
.000000 6.07E-11 .000000
0.25000 -79.941467 4.66E-10 8.90E-11
.000000 3.17E-11 -1.51E-10
0.50000 -79.941467 4.66E-10 8.90E-11
.000000 2.77E-12 -3.03E-10
0.75000 -79.941467 4.66E-10 8.90E-11
.000000 -2.62E-11 -4.54E-10
1.00000 -79.941467 4.66E-10 8.90E-11
.000000 -5.51E-11 -6.05E-10

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 79.941467 4.66E-10 -1.51E-11
.000000 -1.39E-11 .000000
0.25000 79.941467 4.66E-10 -1.51E-11
.000000 -9.05E-12 -1.51E-10
0.50000 79.941467 4.66E-10 -1.51E-11
.000000 -4.15E-12 -3.03E-10
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F R A M E E L E M E N T I N T E R N A L
F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 79.941467 4.66E-10 -1.51E-11
.000000 7.46E-13 -4.54E-10
1.00000 79.941467 4.66E-10 -1.51E-11
.000000 5.64E-12 -6.05E-10

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 79.941467 4.66E-10 1.42E-10
.000000 1.00E-10 2.33E-10
0.25000 79.941467 4.66E-10 1.42E-10
.000000 5.39E-11 8.15E-11
0.50000 79.941467 4.66E-10 1.42E-10
.000000 7.82E-12 1.51E-10
0.75000 79.941467 4.66E-10 1.42E-10
.000000 1.91E-11 2.27E-10
1.00000 79.941467 4.66E-10 1.42E-10
.000000 3.95E-11 3.03E-10

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -79.941467 -2.33E-10 -6.28E-11
.000000 -4.21E-11 -4.66E-10
0.25000 -79.941467 -2.33E-10 -6.28E-11
.000000 -2.17E-11 -4.66E-10
0.50000 -79.941467 -2.33E-10 -6.28E-11
.000000 -6.37E-12 -4.66E-10
0.75000 -79.941467 -2.33E-10 -6.28E-11
.000000 -3.83E-11 -4.66E-10
1.00000 -79.941467 -2.33E-10 -6.28E-11
.000000 -8.44E-11 -6.05E-10

ELEM 170 ========== LENGTH =
1.300000

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 14.742338 -1.259438 0.023039
.000000 0.029951 -1.637270
0.25000 14.742338 -1.259438 0.023039
.000000 0.022463 -1.227952
0.50000 14.742338 -1.259438 0.023039
.000000 0.014975 -0.818635
0.75000 14.742338 -1.259438 0.023039
.000000 0.007488 -0.409317
1.00000 14.742338 -1.259438 0.023039
.000000 -2.73E-13 -2.91E-11

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -54.616764 0.040187 -0.000735
.000000 -0.000956 0.052243
0.25000 -54.616764 0.040187 -0.000735
.000000 -0.000717 0.039182
0.50000 -54.616764 0.040187 -0.000735
.000000 -0.000478 0.026122
0.75000 -54.616764 0.040187 -0.000735
.000000 -0.000239 0.013061
1.00000 -54.616764 0.040187 -0.000735
.000000 4.18E-12 -1.16E-11

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 65.185378 -0.111156 0.002033
.000000 0.002643 -0.144502
0.25000 65.185378 -0.111156 0.002033
.000000 0.001983 -0.108377
0.50000 65.185378 -0.111156 0.002033
.000000 0.001322 -0.072251
0.75000 65.185378 -0.111156 0.002033
.000000 0.000661 -0.036126
1.00000 65.185378 -0.111156 0.002033
.000000 -4.55E-14 -3.49E-11
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F O R C E S

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -25.310952 1.330407 -0.024337
.000000 -0.031638 1.729529
0.25000 -25.310952 1.330407 -0.024337
.000000 -0.023729 1.297147
0.50000 -25.310952 1.330407 -0.024337
.000000 -0.015819 0.864765
0.75000 -25.310952 1.330407 -0.024337
.000000 -0.007910 0.432382
1.00000 -25.310952 1.330407 -0.024337
.000000 -3.64E-13 8.15E-11

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 79.927716 -1.370594 0.025072
.000000 0.032594 -1.781772
0.25000 79.927716 -1.370594 0.025072
.000000 0.024446 -1.336329
0.50000 79.927716 -1.370594 0.025072
.000000 0.016297 -0.890886
0.75000 79.927716 -1.370594 0.025072
.000000 0.008149 -0.445443
1.00000 79.927716 -1.370594 0.025072
.000000 1.44E-12 -5.24E-11

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -79.927716 1.370594 -0.025072
.000000 -0.032594 1.781772
0.25000 -79.927716 1.370594 -0.025072
.000000 -0.024446 1.336329
0.50000 -79.927716 1.370594 -0.025072
.000000 -0.016297 0.890886
0.75000 -79.927716 1.370594 -0.025072
.000000 -0.008149 0.445443
1.00000 -79.927716 1.370594 -0.025072
.000000 1.44E-12 -5.24E-11

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 79.927716 1.370594 0.025072
.000000 0.032594 1.781772
0.25000 79.927716 1.370594 0.025072
.000000 0.024446 1.336329
0.50000 79.927716 1.370594 0.025072
.000000 0.016297 0.890886
0.75000 79.927716 1.370594 0.025072
.000000 0.008149 0.445443
1.00000 79.927716 1.370594 0.025072
.000000 4.18E-12 8.15E-11

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -79.927716 -1.370594 -0.025072
.000000 -0.032594 -1.781772
0.25000 -79.927716 -1.370594 -0.025072
.000000 -0.024446 -1.336329
0.50000 -79.927716 -1.370594 -0.025072
.000000 -0.016297 -0.890886
0.75000 -79.927716 -1.370594 -0.025072
.000000 -0.008149 -0.445443
1.00000 -79.927716 -1.370594 -0.025072
.000000 -7.28E-13 -1.34E-10

ELEM 171 ========== LENGTH =
1.200000

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -2.436205 .000000 -3.64E-12
5.77E-15 -1.27E-11 .000000
0.25000 -2.436205 .000000 -3.64E-12
5.77E-15 -1.16E-11 .000000
0.50000 -2.436205 .000000 -3.64E-12
5.77E-15 -1.06E-11 .000000
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F R A M E E L E M E N T I N T E R N A L
F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -2.436205 .000000 -3.64E-12
5.77E-15 -9.46E-12 .000000
1.00000 -2.436205 .000000 -3.64E-12
5.77E-15 -8.37E-12 .000000

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 13.564406 -4.66E-10 -1.46E-11
-1.07E-14 5.82E-11 -4.66E-10
0.25000 13.564406 -4.66E-10 -1.46E-11
-1.07E-14 6.26E-11 -3.26E-10
0.50000 13.564406 -4.66E-10 -1.46E-11
-1.07E-14 6.69E-11 -1.86E-10
0.75000 13.564406 -4.66E-10 -1.46E-11
-1.07E-14 7.13E-11 -4.66E-11
1.00000 13.564406 -4.66E-10 -1.46E-11
-1.07E-14 7.57E-11 9.31E-11

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -20.798160 9.31E-10 -1.16E-10
.000000 -2.04E-10 9.31E-10
0.25000 -20.798160 9.31E-10 -1.16E-10
.000000 -1.69E-10 6.52E-10
0.50000 -20.798160 9.31E-10 -1.16E-10
.000000 -1.34E-10 3.73E-10
0.75000 -20.798160 9.31E-10 -1.16E-10
.000000 -9.90E-11 9.31E-11
1.00000 -20.798160 9.31E-10 -1.16E-10
.000000 -6.40E-11 -1.86E-10

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.669959 -9.31E-10 1.75E-10
5.68E-13 1.89E-10 -9.31E-10
0.25000 9.669959 -9.31E-10 1.75E-10
5.68E-13 1.37E-10 -6.52E-10
0.50000 9.669959 -9.31E-10 1.75E-10
5.68E-13 8.44E-11 -3.73E-10
0.75000 9.669959 -9.31E-10 1.75E-10
5.68E-13 3.20E-11 -9.31E-11
1.00000 9.669959 -9.31E-10 1.75E-10
5.68E-13 -2.04E-11 1.86E-10

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -23.234365 .000000 -1.75E-10
-5.68E-14 -2.33E-10 9.31E-10
0.25000 -23.234365 .000000 -1.75E-10
-5.68E-14 -1.80E-10 9.31E-10
0.50000 -23.234365 .000000 -1.75E-10
-5.68E-14 -1.28E-10 9.31E-10
0.75000 -23.234365 .000000 -1.75E-10
-5.68E-14 -7.57E-11 9.31E-10
1.00000 -23.234365 .000000 -1.75E-10
-5.68E-14 -2.33E-11 9.31E-10

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 23.234365 9.31E-10 2.91E-11
3.13E-13 1.75E-10 .000000
0.25000 23.234365 9.31E-10 2.91E-11
3.13E-13 1.66E-10 -2.79E-10
0.50000 23.234365 9.31E-10 2.91E-11
3.13E-13 1.57E-10 -5.59E-10
0.75000 23.234365 9.31E-10 2.91E-11
3.13E-13 1.48E-10 -8.38E-10
1.00000 23.234365 9.31E-10 2.91E-11
3.13E-13 1.40E-10 -1.12E-09

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.234365 9.31E-10 1.75E-10
5.68E-13 1.89E-10 9.31E-10
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F R A M E E L E M E N T I N T E R N A L
F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 23.234365 9.31E-10 1.75E-10
5.68E-13 1.66E-10 9.31E-10
0.50000 23.234365 9.31E-10 1.75E-10
5.68E-13 1.57E-10 9.31E-10
0.75000 23.234365 9.31E-10 1.75E-10
5.68E-13 1.48E-10 9.31E-10
1.00000 23.234365 9.31E-10 1.75E-10
5.68E-13 1.40E-10 9.31E-10

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.234365 -9.31E-10 -1.75E-10
-5.68E-14 -2.33E-10 -9.31E-10
0.25000 -23.234365 -9.31E-10 -1.75E-10
-5.68E-14 -1.80E-10 -6.52E-10
0.50000 -23.234365 -9.31E-10 -1.75E-10
-5.68E-14 -1.34E-10 -5.59E-10
0.75000 -23.234365 -9.31E-10 -1.75E-10
-5.68E-14 -9.90E-11 -8.38E-10
1.00000 -23.234365 -9.31E-10 -1.75E-10
-5.68E-14 -6.40E-11 -1.12E-09

ELEM 172 ========== LENGTH =
1.200000

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.050004 0.003942 -0.216510
.000000 -0.259812 0.004730
0.25000 9.050004 0.003942 -0.216510
.000000 -0.194859 0.003548
0.50000 9.050004 0.003942 -0.216510
.000000 -0.129906 0.002365
0.75000 9.050004 0.003942 -0.216510
.000000 -0.064953 0.001183
1.00000 9.050004 0.003942 -0.216510
.000000 2.35E-17 6.17E-10

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -21.606017 -0.004179 0.229546
.000000 0.275455 -0.005015
0.25000 -21.606017 -0.004179 0.229546
.000000 0.206591 -0.003761
0.50000 -21.606017 -0.004179 0.229546
.000000 0.137727 -0.002507
0.75000 -21.606017 -0.004179 0.229546
.000000 0.068864 -0.001254
1.00000 -21.606017 -0.004179 0.229546
.000000 -2.22E-11 9.31E-11

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 15.355317 0.000295 -0.016194
.000000 -0.019432 0.000354
0.25000 15.355317 0.000295 -0.016194
.000000 -0.014574 0.000265
0.50000 15.355317 0.000295 -0.016194
.000000 -0.009716 0.000177
0.75000 15.355317 0.000295 -0.016194
.000000 -0.004858 8.84E-05
1.00000 15.355317 0.000295 -0.016194
.000000 2.47E-11 5.59E-10

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -2.799304 -5.75E-05 0.003158
.000000 0.003790 -6.90E-05
0.25000 -2.799304 -5.75E-05 0.003158
.000000 0.002842 -5.17E-05
0.50000 -2.799304 -5.75E-05 0.003158
.000000 0.001895 -3.45E-05
0.75000 -2.799304 -5.75E-05 0.003158
.000000 0.000947 -1.72E-05
1.00000 -2.799304 -5.75E-05 0.003158
.000000 -4.37E-12 -4.66E-11
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F O R C E S

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 24.405321 0.004237 -0.232704
.000000 -0.279245 0.005084
0.25000 24.405321 0.004237 -0.232704
.000000 -0.209434 0.003813
0.50000 24.405321 0.004237 -0.232704
.000000 -0.139622 0.002542
0.75000 24.405321 0.004237 -0.232704
.000000 -0.069811 0.001271
1.00000 24.405321 0.004237 -0.232704
.000000 8.73E-12 5.59E-10

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -24.405321 -0.004237 0.232704
.000000 0.279245 -0.005084
0.25000 -24.405321 -0.004237 0.232704
.000000 0.209434 -0.003813
0.50000 -24.405321 -0.004237 0.232704
.000000 0.139622 -0.002542
0.75000 -24.405321 -0.004237 0.232704
.000000 0.069811 -0.001271
1.00000 -24.405321 -0.004237 0.232704
.000000 -7.64E-12 -1.68E-09

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.405321 0.004237 0.232704
.000000 0.279245 0.005084
0.25000 24.405321 0.004237 0.232704
.000000 0.209434 0.003813
0.50000 24.405321 0.004237 0.232704
.000000 0.139622 0.002542
0.75000 24.405321 0.004237 0.232704
.000000 0.069811 0.001271
1.00000 24.405321 0.004237 0.232704
.000000 2.47E-11 6.17E-10

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.405321 -0.004237 -0.232704
.000000 -0.279245 -0.005084
0.25000 -24.405321 -0.004237 -0.232704
.000000 -0.209434 -0.003813
0.50000 -24.405321 -0.004237 -0.232704
.000000 -0.139622 -0.002542
0.75000 -24.405321 -0.004237 -0.232704
.000000 -0.069811 -0.001271
1.00000 -24.405321 -0.004237 -0.232704
.000000 -2.22E-11 -1.68E-09

ELEM 173 ========== LENGTH =
1.300000

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -17.065588 -8.74E-06 0.250247
.000000 0.325321 -1.14E-05
0.25000 -17.065588 -8.74E-06 0.250247
.000000 0.243991 -8.52E-06
0.50000 -17.065588 -8.74E-06 0.250247
.000000 0.162661 -5.68E-06
0.75000 -17.065588 -8.74E-06 0.250247
.000000 0.081330 -2.84E-06
1.00000 -17.065588 -8.74E-06 0.250247
.000000 -3.64E-13 4.07E-10

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 47.879249 1.75E-05 -0.499976
.000000 -0.649968 2.27E-05
0.25000 47.879249 1.75E-05 -0.499976
.000000 -0.487476 1.70E-05
0.50000 47.879249 1.75E-05 -0.499976
.000000 -0.324984 1.13E-05
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F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 47.879249 1.75E-05 -0.499976
.000000 -0.162492 5.67E-06
1.00000 47.879249 1.75E-05 -0.499976
.000000 2.27E-13 -6.52E-10

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -44.968886 -9.48E-06 0.271658
.000000 0.353155 -1.23E-05
0.25000 -44.968886 -9.48E-06 0.271658
.000000 0.264866 -9.25E-06
0.50000 -44.968886 -9.48E-06 0.271658
.000000 0.176578 -6.16E-06
0.75000 -44.968886 -9.48E-06 0.271658
.000000 0.088289 -3.08E-06
1.00000 -44.968886 -9.48E-06 0.271658
.000000 7.28E-13 9.31E-11

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 14.155226 7.66E-07 -0.021929
.000000 -0.028508 9.95E-07
0.25000 14.155226 7.66E-07 -0.021929
.000000 -0.021381 7.47E-07
0.50000 14.155226 7.66E-07 -0.021929
.000000 -0.014254 4.98E-07
0.75000 14.155226 7.66E-07 -0.021929

.000000 -0.007127 2.49E-07
1.00000 14.155226 7.66E-07 -0.021929
.000000 3.18E-13 2.56E-10

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -62.034474 -1.82E-05 0.521905
.000000 0.678477 -2.37E-05
0.25000 -62.034474 -1.82E-05 0.521905
.000000 0.508857 -1.78E-05
0.50000 -62.034474 -1.82E-05 0.521905
.000000 0.339238 -1.18E-05
0.75000 -62.034474 -1.82E-05 0.521905
.000000 0.169619 -5.92E-06
1.00000 -62.034474 -1.82E-05 0.521905
.000000 -4.53E-14 8.85E-10

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 62.034474 1.82E-05 -0.521905
.000000 -0.678477 2.37E-05
0.25000 62.034474 1.82E-05 -0.521905
.000000 -0.508857 1.78E-05
0.50000 62.034474 1.82E-05 -0.521905
.000000 -0.339238 1.18E-05
0.75000 62.034474 1.82E-05 -0.521905
.000000 -0.169619 5.92E-06
1.00000 62.034474 1.82E-05 -0.521905
.000000 9.09E-14 -2.79E-10

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 62.034474 1.82E-05 0.521905
.000000 0.678477 2.37E-05
0.25000 62.034474 1.82E-05 0.521905
.000000 0.508857 1.78E-05
0.50000 62.034474 1.82E-05 0.521905
.000000 0.339238 1.18E-05
0.75000 62.034474 1.82E-05 0.521905
.000000 0.169619 5.92E-06
1.00000 62.034474 1.82E-05 0.521905
.000000 7.28E-13 8.85E-10

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -62.034474 -1.82E-05 -0.521905
.000000 -0.678477 -2.37E-05
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -62.034474 -1.82E-05 -0.521905
.000000 -0.508857 -1.78E-05
0.50000 -62.034474 -1.82E-05 -0.521905
.000000 -0.339238 -1.18E-05
0.75000 -62.034474 -1.82E-05 -0.521905
.000000 -0.169619 -5.92E-06
1.00000 -62.034474 -1.82E-05 -0.521905
.000000 -3.64E-13 -6.52E-10

ELEM 174 ========== LENGTH =
1.300000

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 14.173824 1.255406 -0.059492
.000000 -0.077339 1.632028
0.25000 14.173824 1.255406 -0.059492
.000000 -0.058004 1.224021
0.50000 14.173824 1.255406 -0.059492
.000000 -0.038670 0.816014
0.75000 14.173824 1.255406 -0.059492
.000000 -0.019335 0.408007
1.00000 14.173824 1.255406 -0.059492
.000000 -9.55E-13 1.46E-11

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -44.961035 -0.034229 0.320404
.000000 0.416525 -0.044498
0.25000 -44.961035 -0.034229 0.320404
.000000 0.312394 -0.033374
0.50000 -44.961035 -0.034229 0.320404
.000000 0.208263 -0.022249
0.75000 -44.961035 -0.034229 0.320404
.000000 0.104131 -0.011125
1.00000 -44.961035 -0.034229 0.320404
.000000 6.00E-12 -1.63E-10

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 47.870260 0.101467 -0.515278
.000000 -0.669862 0.131908
0.25000 47.870260 0.101467 -0.515278
.000000 -0.502396 0.098931
0.50000 47.870260 0.101467 -0.515278
.000000 -0.334931 0.065954
0.75000 47.870260 0.101467 -0.515278
.000000 -0.167465 0.032977
1.00000 47.870260 0.101467 -0.515278
.000000 -2.27E-13 5.82E-12

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -17.083050 -1.322645 0.254366
.000000 0.330676 -1.719438
0.25000 -17.083050 -1.322645 0.254366
.000000 0.248007 -1.289578
0.50000 -17.083050 -1.322645 0.254366
.000000 0.165338 -0.859719
0.75000 -17.083050 -1.322645 0.254366
.000000 0.082669 -0.429859
1.00000 -17.083050 -1.322645 0.254366
.000000 -2.91E-12 1.05E-10

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 62.044085 1.356874 -0.574770
.000000 -0.747201 1.763936
0.25000 62.044085 1.356874 -0.574770
.000000 -0.560401 1.322952
0.50000 62.044085 1.356874 -0.574770
.000000 -0.373600 0.881968
0.75000 62.044085 1.356874 -0.574770
.000000 -0.186800 0.440984
1.00000 62.044085 1.356874 -0.574770
.000000 -1.80E-12 -6.40E-11
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LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -62.044085 -1.356874 0.574770
.000000 0.747201 -1.763936
0.25000 -62.044085 -1.356874 0.574770
.000000 0.560401 -1.322952
0.50000 -62.044085 -1.356874 0.574770
.000000 0.373600 -0.881968
0.75000 -62.044085 -1.356874 0.574770
.000000 0.186800 -0.440984
1.00000 -62.044085 -1.356874 0.574770
.000000 2.16E-12 -5.82E-11

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 62.044085 1.356874 0.574770
.000000 0.747201 1.763936
0.25000 62.044085 1.356874 0.574770
.000000 0.560401 1.322952
0.50000 62.044085 1.356874 0.574770
.000000 0.373600 0.881968
0.75000 62.044085 1.356874 0.574770
.000000 0.186800 0.440984
1.00000 62.044085 1.356874 0.574770
.000000 6.00E-12 1.05E-10

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -62.044085 -1.356874 -0.574770
.000000 -0.747201 -1.763936
0.25000 -62.044085 -1.356874 -0.574770
.000000 -0.560401 -1.322952
0.50000 -62.044085 -1.356874 -0.574770
.000000 -0.373600 -0.881968
0.75000 -62.044085 -1.356874 -0.574770
.000000 -0.186800 -0.440984
1.00000 -62.044085 -1.356874 -0.574770
.000000 -2.91E-12 -1.63E-10

ELEM 175 ========== LENGTH =
1.200000

LOAD -P4 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -2.785721 9.91E-05 0.002716
.000000 0.003259 0.000119
0.25000 -2.785721 9.91E-05 0.002716
.000000 0.002444 8.92E-05
0.50000 -2.785721 9.91E-05 0.002716
.000000 0.001630 5.94E-05
0.75000 -2.785721 9.91E-05 0.002716
.000000 0.000815 2.97E-05
1.00000 -2.785721 9.91E-05 0.002716
.000000 -4.37E-12 -3.49E-11

LOAD -P5 ----------

REL DIST P V2 V3
T M2 M3
0.00000 15.349640 -0.001796 -0.049239
.000000 -0.059086 -0.002155
0.25000 15.349640 -0.001796 -0.049239
.000000 -0.044315 -0.001616
0.50000 15.349640 -0.001796 -0.049239
.000000 -0.029543 -0.001078
0.75000 15.349640 -0.001796 -0.049239
.000000 -0.014772 -0.000539
1.00000 15.349640 -0.001796 -0.049239
.000000 8.73E-12 -1.86E-10

LOAD -P6 ----------

REL DIST P V2 V3
T M2 M3
0.00000 -21.595842 0.009403 0.257781
.000000 0.309337 0.011283
0.25000 -21.595842 0.009403 0.257781
.000000 0.232002 0.008463
0.50000 -21.595842 0.009403 0.257781
.000000 0.154668 0.005642
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -21.595842 0.009403 0.257781
.000000 0.077334 0.002821
1.00000 -21.595842 0.009403 0.257781
.000000 -3.49E-11 -9.31E-10

LOAD -P7 ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.031922 -0.007706 -0.211258
-2.84E-14 -0.253509 -0.009247
0.25000 9.031922 -0.007706 -0.211258
-2.84E-14 -0.190132 -0.006935
0.50000 9.031922 -0.007706 -0.211258
-2.84E-14 -0.126755 -0.004624
0.75000 9.031922 -0.007706 -0.211258
-2.84E-14 -0.063377 -0.002312
1.00000 9.031922 -0.007706 -0.211258
-2.84E-14 1.16E-11 7.45E-10

LOAD -2N+1- ----------

REL DIST P V2 V3
T M2 M3
0.00000 -24.381562 0.009502 0.260496
-1.42E-14 0.312596 0.011402
0.25000 -24.381562 0.009502 0.260496
-1.42E-14 0.234447 0.008552
0.50000 -24.381562 0.009502 0.260496
-1.42E-14 0.156298 0.005701
0.75000 -24.381562 0.009502 0.260496
-1.42E-14 0.078149 0.002851
1.00000 -24.381562 0.009502 0.260496
-1.42E-14 -2.33E-11 1.68E-09

LOAD -2N+2- ----------

REL DIST P V2 V3
T M2 M3
0.00000 24.381562 -0.009502 -0.260496
1.42E-14 -0.312596 -0.011402
0.25000 24.381562 -0.009502 -0.260496
1.42E-14 -0.234447 -0.008552
0.50000 24.381562 -0.009502 -0.260496
1.42E-14 -0.156298 -0.005701
0.75000 24.381562 -0.009502 -0.260496
1.42E-14 -0.078149 -0.002851
1.00000 24.381562 -0.009502 -0.260496
1.42E-14 6.40E-11 -1.68E-09

COMB SETTLE ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.381562 0.009502 0.260496
1.42E-14 0.312596 0.011402
0.25000 24.381562 0.009502 0.260496
1.42E-14 0.234447 0.008552
0.50000 24.381562 0.009502 0.260496
1.42E-14 0.156298 0.005701
0.75000 24.381562 0.009502 0.260496
1.42E-14 0.078149 0.002851
1.00000 24.381562 0.009502 0.260496
1.42E-14 6.40E-11 1.68E-09

COMB SETTLE ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.381562 -0.009502 -0.260496
-2.84E-14 -0.312596 -0.011402
0.25000 -24.381562 -0.009502 -0.260496
-2.84E-14 -0.234447 -0.008552
0.50000 -24.381562 -0.009502 -0.260496
-2.84E-14 -0.156298 -0.005701
0.75000 -24.381562 -0.009502 -0.260496
-2.84E-14 -0.078149 -0.002851
1.00000 -24.381562 -0.009502 -0.260496
-2.84E-14 -3.49E-11 -1.68E-09