

부재력(ko=0.5)

* FLAC log-file opened 31-Dec-15 12:03

From File : 7.sav
*set log on
* log-file recording re-started 31-Dec-15 12:03

From File : 7.sav

pr stru beam

Structural element data ...

Elem ID	Node1	Node2	Prop	F-shear	F-axial	Mon-1	Mon-2			
186	32	215	216	1006	beam	5.594E-03	1.408E-01	7.032E-04	8.855E-03	-6
187	32	214	215	1006	beam	-3.632E-03	4.171E-01	1.540E-03	-7.033E-03	-7
186	32	145	214	1006	beam	5.171E-01	6.548E-01	1.125E-01	4.770E-02	-1
185	31	212	213	1006	beam	4.002E-03	1.028E+00	4.977E-03	1.332E-03	-1
184	31	211	212	1006	beam	3.532E-02	8.489E-01	5.914E-03	1.173E-02	-1
183	31	121	211	1006	beam	1.734E-02	3.123E+00	1.408E-02	-5.471E-03	-2
127	19	144	145	1004	beam	-8.451E-02	4.196E-01	-3.275E-02	2.344E-02	-1
126	19	143	144	1004	beam	6.195E-03	1.141E+00	1.122E-02	4.450E-02	-2
125	19	142	143	1004	beam	-4.165E-02	6.434E-01	1.940E-03	-3.328E-02	-1
124	19	141	142	1004	beam	2.320E-02	6.317E-01	1.337E-02	4.520E-03	-1
123	19	140	141	1004	beam	1.147E-02	4.153E-01	-5.286E-03	1.432E-02	-1
122	19	139	140	1004	beam	4.407E-02	4.372E-01	1.130E-02	1.940E-02	-5
121	19	138	139	1004	beam	1.694E-01	6.083E-01	-3.892E-02	7.003E-02	-1
120	19	137	138	1004	beam	7.789E-03	-3.106E-01	-1.190E-02	1.821E-02	7
119	19	136	137	1004	beam	3.295E-02	9.230E-02	5.196E-04	2.036E-02	-3
118	19	135	136	1004	beam	-8.406E-02	-4.301E-01	-1.083E-02	-4.300E-02	7
117	19	134	135	1004	beam	1.203E-01	3.890E-01	6.476E-02	4.892E-02	-7
116	19	133	134	1004	beam	2.900E-01	4.517E-01	-9.632E-02	-5.771E-02	-3
115	19	132	133	1004	beam	9.518E-02	3.713E-01	1.678E-02	3.162E-02	-2
114	19	131	132	1004	beam	5.902E-03	-8.307E-03	7.521E-03	-1.385E-02	3
113	19	130	131	1004	beam	3.462E-01	-6.520E-01	8.433E-02	8.547E-02	5
112	19	129	130	1004	beam	2.624E-03	-3.803E-01	-9.125E-03	1.176E-02	5
111	19	128	129	1004	beam	2.109E-02	-3.890E-01	4.494E-03	9.979E-03	4
110	19	127	128	1004	beam	4.747E-02	-4.246E-01	2.602E-02	3.302E-02	6
109	19	126	127	1004	beam	-4.610E-02	-1.679E-02	-3.691E-02	9.613E-03	2
108	19	125	126	1004	beam	1.229E-01	-2.621E-01	6.217E-02	5.994E-02	2
107	19	124	125	1004	beam	1.077E-01	7.226E-01	1.171E-02	-5.541E-02	-1
106	19	123	124	1004	beam	1.009E-01	6.239E-01	5.693E-02	5.502E-02	-1
105	19	122	123	1004	beam	8.645E-02	2.290E-02	2.800E-02	2.600E-02	-5
104	19	121	122	1004	beam	-2.142E-03	1.095E-00	-1.717E-02	1.557E-02	-1
82	14	94	95	1003	beam	-6.030E+01	1.010E+04	-4.890E+01	-3.169E+01	-1
81	14	22	94	1003	beam	9.781E+01	1.008E+04	3.892E+01	4.890E+01	-2
80	13	93	1003	beam	2.845E+02	1.023E+04	2.658E+02	1.520E+02	-3	
79	13	91	92	1003	beam	-9.690E+02	9.029E+03	-3.248E+02	-2.659E+02	-1
78	13	90	91	1003	beam	5.523E+02	1.248E+04	9.526E+01	3.246E+02	-1
77	13	89	90	1003	beam	-9.547E+01	1.022E+04	1.892E-04	-9.525E+01	-1
76	21	22	1001	beam	2.130E+01	1.103E+04	6.416E+01	6.000E+01	-2	
20	1	20	21	1001	beam	-3.059E+02	1.038E+04	-1.112E+02	-6.417E+01	-1
19	1	19	20	1001	beam	5.523E+02	9.567E+03	2.000E+02	1.112E+02	-1
18	19	19	1001	beam	6.532E+02	1.047E+04	-1.573E+02	6.000E+02	-1	
17	17	19	1001	beam	3.116E+02	6.939E+03	1.632E+02	1.573E+02	-1	
16	16	17	1001	beam	-6.158E+02	6.700E+03	-1.270E+02	1.632E+02	-1	
15	15	16	1001	beam	2.289E+02	4.373E+03	1.036E+02	1.270E+02	-8	
14	14	15	1001	beam	-3.896E+02	5.309E+03	-4.369E+01	1.036E+02	-1	
13	13	13	14	1001	beam	2.615E+01	3.027E+03	-2.696E+01	4.900E+01	-2
12	12	13	1001	beam	1.269E+01	1.158E+03	-2.572E+00	1.094E+01	-6	
11	11	12	1001	beam	-9.294E+01	4.426E+02	-5.435E+01	2.543E+02	-1	
10	10	11	1001	beam	5.438E+01	4.031E+02	-1.750E+00	5.426E+01	-1	
9	9	10	1001	beam	4.854E+01	9.406E+02	-5.362E+01	1.750E+01	-1	
8	8	9	1001	beam	1.967E+02	1.910E+03	3.248E+01	5.302E+01	-3	
7	7	8	1001	beam	-16.435E+01	1.879E+03	-6.108E+01	3.248E+01	-3	
6	6	7	1001	beam	2.625E+02	4.712E+03	6.318E+01	6.107E+01	-9	
5	5	6	1001	beam	-1.289E+02	3.600E+03	-7.121E+01	-6.318E+01	-7	
4	4	5	1001	beam	2.898E+02	6.826E+03	5.453E+01	7.112E+01	-1	
3	3	4	1001	beam	-1.314E+02	5.742E+03	-7.177E+01	-5.453E+01	-1	
2	2	3	1001	beam	2.722E+02	7.832E+03	8.251E+01	7.161E+01	-1	
1	1	2	1001	beam	-6.940E+01	9.088E+03	3.022E-04	-8.251E+01	-1	

*set log off
* Log-file recording stopped 31-Dec-15 12:03
* FLAC log-file opened 31-Dec-15 12:03

From File : 7.sav
*set log on
* log-file recording re-started 31-Dec-15 12:03

From File : 7.sav

pr stru cable

Structural element data ...

Elem ID	Node1	Node2	Prop	F-shear	F-axial	Mon-1	Mon-2			
208	36	239	240	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
207	36	238	239	34	cable	0.000E+00	-3.396E-02	0.000E+00	0.000E+00	-4
206	36	237	238	34	cable	0.000E+00	-1.307E-01	0.000E+00	0.000E+00	2
205	36	236	237	34	cable	0.000E+00	-8.767E-02	0.000E+00	0.000E+00	-1
204	36	235	236	34	cable	0.000E+00	-5.169E-02	0.000E+00	0.000E+00	3
203	35	233	234	34	cable	0.000E+00	-4.122E-03	0.000E+00	0.000E+00	-1
202	35	232	233	34	cable	0.000E+00	-1.567E-03	0.000E+00	0.000E+00	-2
201	35	231	232	34	cable	0.000E+00	-7.237E-04	0.000E+00	0.000E+00	-1
200	35	230	231	34	cable	0.000E+00	-4.009E-02	0.000E+00	0.000E+00	-4
199	35	229	230	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
198	34	227	228	34	cable	0.000E+00	-1.092E-03	0.000E+00	0.000E+00	-1
197	34	226	227	34	cable	0.000E+00	-5.914E-02	0.000E+00	0.000E+00	-1
196	34	225	226	34	cable	0.000E+00	-4.196E-02	0.000E+00	0.000E+00	-1
195	34	224	225	34	cable	0.000E+00	-7.755E-02	0.000E+00	0.000E+00	-1
194	34	223	224	34	cable	0.000E+00	-1.195E-01	0.000E+00	0.000E+00	-1
193	33	221	222	34	cable	0.000E+00	-6.143E-02	0.000E+00	0.000E+00	1
192	33	220	221	34	cable	0.000E+00	-1.195E-01	0.000E+00	0.000E+00	2
191	33	219	220	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-3
190	33	218	219	34	cable	0.000E+00	-3.170E-02	0.000E+00	0.000E+00	-8
189	33	217	218	34	cable	0.000E+00	-1.304E-01	0.000E+00	0.000E+00	-2
188	30	209	210	33	cable	0.000E+00	-1.248E-01	0.000E+00	0.000E+00	3
191	30	208	209	33	cable	0.000E+00	-6.244E-02	0.000E+00	0.000E+00	3
190	30	207	208	33	cable	0.000E+00	-1.301E-01	0.000E+00	0.000E+00	4
179	30	206	207	33	cable	0.000E+00	-1.249E-02	0.000E+00	0.000E+00	3
178	30	205	206	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
177	29	204	205	33	cable	0.000E+00	-1.284E-01	0.000E+00	0.000E+00	3
176	29	203	204	33	cable	0.000E+00	-1.322E-01	0.000E+00	0.000E+00	3
175	29	201	202	33	cable	0.000E+00	-2.871E-01	0.000E+00	0.000E+00	2
174	28	200	201	33	cable	0.000E+00	-4.577E-01	0.000E+00	0.000E+00	3
173	28	199	200	33	cable	0.000E+00	-1.899E-01	0.000E+00	0.000E+00	2
172	28	197	198	33	cable	0.000E+00	-1.899E-01	0.000E+00	0.000E+00	2
171	28	196	197	33	cable	0.000E+00	-7.567E-02	0.000E+00	0.000E+00	1
170	28	195	196	33	cable	0.000E+00	-3.654E-02	0.000E+00	0.000E+00	7
169	28	194	195	33	cable	0.000E+00	-6.759E-03	0.000E+00	0.000E+00	-3
168	28	193	194	33	cable	0.000E+00	-1.169E-01	0.000E+00	0.000E+00	-1
167	27	191	192	33	cable	0.000E+00	-7.072E-02	0.000E+00	0.000E+00	1
166	27	190	191	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-7
165	27	189	190	33	cable	0.000E+00	-4.805E-02	0.000E+00	0.000E+00	9
164	27	188	189	33	cable	0.000E+00	-8.307E-02	0.000E+00	0.000E+00	-9
163	27	187	188	33	cable	0.000E+00	-3.152E-03	0.000E+00	0.000E+00	49
162	26	185	186	33	cable	0.000E+00	-4.859E-02	0.000E+00	0.000E+00	-1
161	26	184	185	33	cable	0.000E+00	-4.279E-02	0.000E+00	0.000E+00	-7
160	26	183	184	33	cable	0.000E+00	-9.328E-02	0.000E+00	0.000E+00	9
159	26	182	183	33	cable	0.000E+00	-9.307E-02	0.000E+00	0.000E+00	8
158	26	181	182	33	cable	0.000E+00	-5.539E-02	0.000E+00	0.000E+00	1
157	25	179	180	33	cable	0.000E+00	-1.182E-01	0.000E+00	0.000E+00	1
156	25	178	179	33	cable	0.000E+00	-1.251E-01	0.000E+00	0.000E+00	1
155	25	177	178	33	cable	0.000E+00	-3.520E-03	0.000E+00	0.000E+00	-7
154	25	176	177	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
153	25	175	176	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-9

</

■ 부재력(ko=1.0)

* FLAC log-file opened 31-Dec-15 12:05

From File : 7.sav

*set log on

*log-file recording re-started 31-Dec-15 12:05

From File : 7.sav

*pr stru cable

Structural element data ...					
Elem ID	Node1	Node2	Prop	F-shear	F-axial
182	215	216	1006	2.773E-01	-6.477E-02
187	32	214	215	1006	2.007E-01
186	32	145	214	1006	6.802E-02
191	212	213	1006	5.501E-01	1.738E-01
190	31	211	212	1006	2.300E-01
183	31	121	211	1006	1.105E-02
127	19	144	145	1004	2.541E-01
126	19	143	144	1004	2.540E-02
124	141	142	1004	3.959E-02	-6.944E-03
129	139	140	1004	2.700E-02	2.969E-01
128	139	140	1004	1.151E-01	-1.115E-01
121	139	138	1004	6.370E-02	2.030E-01
120	137	138	1004	1.957E-02	4.300E-01
119	139	137	1004	8.907E-02	3.960E-01
118	139	138	1004	1.038E-01	6.000E-01
117	134	135	1004	1.062E-02	-1.455E-01
116	134	1004	6.000E-01	-7.196E-01	-4.650E-02
115	139	132	1004	1.073E-01	-1.042E-01
114	131	132	1004	2.700E-02	3.017E-01
113	139	131	1004	5.624E-03	-2.376E-01
112	139	130	1004	1.951E-02	-1.562E-02
111	139	130	1004	6.125E-02	-1.186E-01
110	129	128	1004	8.973E-02	2.861E-01
109	129	128	1004	1.873E-02	3.901E-01
108	129	125	1004	8.403E-02	4.811E-01
107	129	124	1004	6.125E-02	-1.186E-01
106	129	123	1004	5.720E-02	2.131E-01
105	129	122	1004	1.263E-01	0.025E-02
104	121	122	1004	1.873E-02	3.901E-01
103	145	96	1003	1.495E-04	1.031E-04
102	145	95	1003	6.125E-02	9.416E-03
101	84	94	1003	1.130E-02	1.018E-04
100	84	93	1003	1.130E-02	1.018E-04
99	84	92	1003	1.130E-02	1.018E-04
98	84	91	1003	1.130E-02	1.018E-04
97	84	90	1003	1.130E-02	1.018E-04
96	84	89	1003	1.130E-02	1.018E-04
95	84	88	1003	1.130E-02	1.018E-04
94	84	87	1003	1.130E-02	1.018E-04
93	84	86	1003	1.130E-02	1.018E-04
92	84	85	1003	1.130E-02	1.018E-04
91	84	84	1003	1.130E-02	1.018E-04
90	84	83	1003	1.130E-02	1.018E-04
89	84	82	1003	1.130E-02	1.018E-04
88	84	81	1003	1.130E-02	1.018E-04
87	84	80	1003	1.130E-02	1.018E-04
86	84	79	1003	1.130E-02	1.018E-04
85	84	78	1003	1.130E-02	1.018E-04
84	84	77	1003	1.130E-02	1.018E-04
83	84	76	1003	1.130E-02	1.018E-04
82	84	75	1003	1.130E-02	1.018E-04
81	84	74	1003	1.130E-02	1.018E-04
80	84	73	1003	1.130E-02	1.018E-04
79	84	72	1003	1.130E-02	1.018E-04
78	84	71	1003	1.130E-02	1.018E-04
77	84	70	1003	1.130E-02	1.018E-04
76	84	69	1003	1.130E-02	1.018E-04
75	84	68	1003	1.130E-02	1.018E-04
74	84	67	1003	1.130E-02	1.018E-04
73	84	66	1003	1.130E-02	1.018E-04
72	84	65	1003	1.130E-02	1.018E-04
71	84	64	1003	1.130E-02	1.018E-04
70	84	63	1003	1.130E-02	1.018E-04
69	84	62	1003	1.130E-02	1.018E-04
68	84	61	1003	1.130E-02	1.018E-04
67	84	60	1003	1.130E-02	1.018E-04
66	84	59	1003	1.130E-02	1.018E-04
65	84	58	1003	1.130E-02	1.018E-04
64	84	57	1003	1.130E-02	1.018E-04
63	84	56	1003	1.130E-02	1.018E-04
62	84	55	1003	1.130E-02	1.018E-04
61	84	54	1003	1.130E-02	1.018E-04
60	84	53	1003	1.130E-02	1.018E-04
59	84	52	1003	1.130E-02	1.018E-04
58	84	51	1003	1.130E-02	1.018E-04
57	84	50	1003	1.130E-02	1.018E-04
56	84	49	1003	1.130E-02	1.018E-04
55	84	48	1003	1.130E-02	1.018E-04
54	84	47	1003	1.130E-02	1.018E-04
53	84	46	1003	1.130E-02	1.018E-04
52	84	45	1003	1.130E-02	1.018E-04
51	84	44	1003	1.130E-02	1.018E-04
50	84	43	1003	1.130E-02	1.018E-04
49	84	42	1003	1.130E-02	1.018E-04
48	84	41	1003	1.130E-02	1.018E-04
47	84	40	1003	1.130E-02	1.018E-04
46	84	39	1003	1.130E-02	1.018E-04
45	84	38	1003	1.130E-02	1.018E-04
44	84	37	1003	1.130E-02	1.018E-04
43	84	36	1003	1.130E-02	1.018E-04
42	84	35	1003	1.130E-02	1.018E-04
41	84	34	1003	1.130E-02	1.018E-04
40	84	33	1003	1.130E-02	1.018E-04
39	84	32	1003	1.130E-02	1.018E-04
38	84	31	1003	1.130E-02	1.018E-04
37	84	30	1003	1.130E-02	1.018E-04
36	84	29	1003	1.130E-02	1.018E-04
35	84	28	1003	1.130E-02	1.018E-04
34	84	27	1003	1.130E-02	1.018E-04
33	84	26	1003	1.130E-02	1.018E-04
32	84	25	1003	1.130E-02	1.018E-04
31	84	24	1003	1.130E-02	1.018E-04
30	84	23	1003	1.130E-02	1.018E-04
29	84	22	1003	1.130E-02	1.018E-04
28	84	21	1003	1.130E-02	1.018E-04
27	84	20	1003	1.130E-02	1.018E-04
26	84	19	1003	1.130E-02	1.018E-04
25	84	18	1003	1.130E-02	1.018E-04
24	84	17	1003	1.130E-02	1.018E-04
23	84	16	1003	1.130E-02	1.018E-04
22	84	15	1003	1.130E-02	1.018E-04
21	84	14	1003	1.130E-02	1.018E-04
20	84	13	1003	1.130E-02	1.018E-04
19	84	12	1003	1.130E-02	1.018E-04
18	84	11	1003	1.130E-02	1.018E-04
17	84	10	1003	1.130E-02	1.018E-04
16	84	9	1003	1.130E-02	1.018E-04
15	84	8	1003	1.130E-02	1.018E-04
14	84	7	1003	1.130E-02	1.018E-04
13	84	6	1003	1.130E-02	1.018E-04
12	84	5	1003	1.130E-02	1.018E-04
11	84	4	1003	1.130E-02	1.018E-04
10	84	3	1003	1.130E-02	1.018E-04
9	84	2	1003	1.130E-02	1.018E-04
8	84	1	1003	1.130E-02	1.018E-04
7	84	0	1003	1.130E-02	1.018E-04
6	84	-1	1003	1.130E-02	1.018E-04
5	84	-2	1003	1.130E-02	1.018E-04
4	84	-3	1003	1.130E-02	1.018E-04
3	84	-4	1003	1.130E-02	1.018E-04
2	84	-5	1003	1.130E-02	1.018E-04
1	84	-6	1003	1.130E-02	1.018E-04

*set log off

*log-file recording stopped 31-Dec-15 12:05

* FLAC log-file opened 31-Dec-15 12:05

From File : 7.sav

*set log on

*log-file recording re-started 31-Dec-15 12:05

From File : 7.sav

*pr stru cable

207	36	238	239	34	cable 0.000E+00	-6.71E-02	0.000E+00	0.000E+00	7
206	36	237	238	34	cable 0.000E+00	-6.71E-02	0.000E+00	0.000E+00	7
205	36	236	237	34	cable 0.000E+00	-7.15E-02	0.000E+00	0.000E+00	7
204	36	235	236	34	cable 0.000E+00	-7.15E-02	0.000E+00	0.000E+00	7
203	36	234	235	34	cable 0.000E+00	-5.52E-02	0.000E+00	0.000E+00	-1
202	36	233	234	34	cable 0.000E+00	-5.52E-02	0.000E+00	0.000E+00	-1
201	36	232	233	34	cable 0.000E+00	-3.78E-02	0.000E+00	0.000E+00	-1
200	36	231	232	34	cable 0.000E+00	-3.78E-02	0.000E+00	0.000E+00	-1
199	36	230	231	34	cable 0.000E+00	-9.12E-03	0.000E+00	0.000E+00	-1
198	36	229	230	34	cable 0.000E+00	-9.12E-03	0.000E+00	0.000E+00	-1
197	36	228	229	34	cable 0.000E+00	-4.45E-02	0.000E+00	0.000E+00	-1
196	36	227	228	34	cable 0.000E+00	-4.45E-02	0.000E+00	0.000E+00	-1
195	36	226	227	34	cable 0.000E+00	-1.05E-01	0.000E+00	0.000E+00	8
194	36	225	226	34	cable 0.000E+00	-1.05E-01	0.000E+00	0.000E+00	8
193	36	224	225	34	cable 0.000E+00	-7.96E-02	0.000E+00	0.000E+00	7
192	36	223	224	34	cable 0.000E+00	-7.96E-02	0.000E+00	0.000E+00	7
191	36	222	223	34	cable 0.000E+00	-1.147E-01	0.000E+00	0.000E+00	7
190	36	221	222	34	cable 0.000E+00	-1.147E-01	0.000E+00	0.000E+00	7
189	36	220	221	34	cable 0.000E+00	-7.53E-02	0.000E+00	0.000E+00	7
188	36	219	220	34	cable 0.000E+00	-7.53E-02	0.000E+00	0.000E+00	7
187	36	218	219	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	1
186	36	217	218	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	1
185	36	216	217	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
184	36	215	216	34	cable 0.000E+00	6.90E-02	0.000E+00	0.000E+00	-4
183	36	214	215	34	cable 0.000E+00	6.90E-02	0.000E+00	0.000E+00	-4
182	36	213	214	34	cable 0.000E+00	-1.303E-02	0.000E+00	0.000E+00	-4
181	36	212	213	34	cable 0.000E+00	-1.303E-02	0.000E+00	0.000E+00	-4
180	36	211	212	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
179	36	210	211	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
178	36	209	210	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
177	36	208	209	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
176	36	207	208	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
175	36	206	207	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
174	36	205	206	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
173	36	204	205	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
172	36	203	204	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
171	36	202	203	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
170	36	201	202	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-4
169	36	200	201	34	cable 0.000E+00	-1.012E-01	0.000E+00	0.000E+00	-1
168	36	199	200	34	cable 0.000E+00	-1.012E-01	0.000E+00	0.000E+00	-1
167	36	198	199	34	cable 0.000E+00	-2.34E-03	0.000E+00	0.000E+00	-1
166	36	197	198	34	cable 0.000E+00	-2.34E-03	0.000E+00	0.000E+00	-1
165	36	196	197	34	cable 0.000E+00	-1.378E-02	0.000E+00	0.000E+00	-1
164	36	195	196	34	cable 0.000E+00	-1.378E-02	0.000E+00	0.000E+00	-1
163	36	194	195	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
162	36	193	194	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
161	36	192	193	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
160	36	191	192	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
159	36	190	191	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
158	36	189	190	34	cable 0.000E+00	-1.603E-02	0.000E+00	0.000E+00	-1
157	36	188	189	34	cable 0.000E+00	-1.603E-02	0.000E+00	0.000E+00	-1
156	36	187	188	34	cable 0.000E+00	-7.41E-02	0.000E+00	0.000E+00	-1
155	36	186	187	34	cable 0.000E+00	-7.41E-02	0.000E+00	0.000E+00	-1
154	36	185	186	34	cable 0.000E+00	-5.54E-02	0.000E+00	0.000E+00	-1
153	36	184	185	34	cable 0.000E+00	-5.54E-02	0.000E+00	0.000E+00	-1
152	36	183	184	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-2
151	36	182	183	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	-2
150	36	181	182	34	cable 0.000E+00	-7.243E-02	0.000E+00	0.000E+00	-2
149	36	180	181	34	cable 0.000E+00	-7.243E-02	0.000E+00	0.000E+00	-2
148	36	179	180	34	cable 0.000E+00	-8.83E-03	0.000E+00	0.000E+00	-4
147	36	178	179	34	cable 0.000E+00	-8.83E-03	0.000E+00	0.000E+00	-4
146	36	177	178	34	cable 0.000E+00	-8.83E-03	0.000E+00	0.000E+00	-4
145	36	176	177	34	cable 0.000E+00	-1.63E-01	0.000E+00	0.000E+00	3
144	36	175	176	34	cable 0.000E+00	-1.63E-01	0.000E+00	0.000E+00	3
143	36	174	175	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
142	36	173	174	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
141	36	172	173	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
140	36	171	172	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
139	36	170	171	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
138	36	169	170	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
137	36	168	169	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
136	36	167	168	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
135	36	166	167	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
134	36	165	166	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
133	36	164	165	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
132	36	163	164	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
131	36	162	163	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
130	36	161	162	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
129	36	160	161	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
128	36	159	160	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
127	36	158	159	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
126	36	157	158	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
125	36	156	157	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
124	36	155	156	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
123	36	154	155	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
122	36	153	154	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
121	36	152	153	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
120	36	151	152	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
119	36	150	151	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
118	36	149	150	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
117	36	148	149	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
116	36	147	148	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
115	36	146	147	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
114	36	145	146	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
113	36	144	145	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
112	36	143	144	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
111	36	142	143	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
110	36	141	142	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
109	36	140	141	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
108	36	139	140	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
107	36	138	139	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
106	36	137	138	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
105	36	136	137	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
104	36	135	136	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
103	36	134	135	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
102	36	133	134	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
101	36	132	133	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
100	36	131	132	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
99	36	130	131	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
98	36	129	130	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
97	36	128	129	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
96	36	127	128	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
95	36	126	127	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
94	36	125	126	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
93	36	124	125	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
92	36	123	124	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
91	36	122	123	34	cable 0.000E+00	0.000E+00	0.000E+00	0.000E+00	3
90	36	12							

부재력(ko=2.5)

* FLAC log-file opened 31-Dec-15 12:06

```
From File : 7.sav
>set log on
* log-file recording re-started 31-Dec-15 12:06
From File : 7.sav
>pr stru beam
```

```
Structural element data ...
Elem ID Node1 Node2 Prop F-shear F-axial Mom-1 Mom-2
188 32 215 216 1006 beam 5.102E+02 1.378E+01 -4.282E+02 -3.425E+02 -3
189 32 214 215 1006 beam 5.102E+02 1.378E+01 -4.282E+02 -3.425E+02 -3
196 32 145 214 1006 beam 8.400E+02 2.030E-01 1.775E+02 8.530E+03 -4
198 31 212 213 1006 beam 2.408E+02 5.530E-01 2.800E+02 3.367E+03 -1
198 31 211 212 1006 beam 1.145E+01 4.830E-01 2.289E+02 3.431E+02 -1
193 31 121 211 1006 beam 4.501E+02 -3.880E-01 1.152E+02 4.810E+02 5
127 19 144 145 1004 beam 7.838E+02 2.022E-01 2.002E+02 3.209E+02 -2
126 19 143 144 1004 beam -1.238E+01 5.882E-01 3.292E+02 -8.367E+02 -6
126 19 142 143 1004 beam 5.291E+02 2.877E-01 -1.142E+02 -2.812E+02 -5
126 19 141 142 1004 beam -2.621E+02 -3.513E+02 -2.107E+02 1.119E+03 1
123 19 140 141 1004 beam 4.738E+02 -3.702E-01 1.840E+02 1.900E+02 2
122 19 139 140 1004 beam -3.119E+02 2.672E+02 -1.416E+02 -7.670E+03 -5
121 19 138 139 1004 beam 5.311E+02 -2.970E-01 1.488E+02 2.220E+02 7
120 19 137 138 1004 beam -1.000E+01 -1.327E-01 -4.129E+02 -3.863E+02 4
119 19 136 137 1004 beam 1.569E+01 8.754E+02 6.080E+02 6.530E+02 -8
118 19 135 136 1004 beam 7.119E+02 5.136E-01 -1.412E+02 -3.608E+02 -3
117 19 134 135 1004 beam -1.157E+01 -5.880E-01 -6.222E+02 -4.211E+02 7
116 19 133 134 1004 beam 2.170E+01 8.431E-01 7.125E+02 5.115E+02 -9
115 19 132 133 1004 beam -2.984E+01 1.002E+00 -5.930E+02 -9.234E+02 -1
114 19 131 132 1004 beam 5.945E+02 -2.110E-01 2.842E+02 3.400E+02 9
113 19 130 131 1004 beam 1.104E+01 1.126E-01 9.061E+03 4.453E+02 2
112 19 129 130 1004 beam 1.646E+02 2.003E-01 2.876E+02 2.277E+02 -1
111 19 128 129 1004 beam 1.034E+01 -5.886E-01 -2.085E+02 -5.012E+02 1
110 19 127 128 1004 beam 5.141E+02 -6.045E-01 7.754E+03 4.428E+02 9
109 19 126 127 1004 beam 1.408E+02 8.486E-01 3.547E+02 -1.746E+02 -1
108 19 125 126 1004 beam -8.847E+02 1.523E-01 -5.031E+02 -3.700E+02 -2
107 19 124 125 1004 beam 3.448E+02 -6.190E-01 -6.190E+02 -3.690E+02 9
106 19 123 124 1004 beam -1.881E+02 1.978E+02 3.053E+03 -2.231E+02 5
105 19 122 123 1004 beam 8.948E+02 -7.334E-01 2.132E+03 1.900E+02 2
104 19 121 122 1004 beam -5.131E+02 -2.554E-01 -2.265E+02 -2.115E+03 3
83 14 95 96 1003 beam -6.953E+01 9.007E+03 -1.372E+02 -1.300E+02 -1
82 14 94 95 1003 beam 5.907E+01 5.013E+03 -8.257E+01 -3.774E+02 -7
81 14 22 94 1003 beam 1.422E+02 9.488E+03 4.425E+01 8.200E+01 -1
80 13 22 93 1003 beam 1.445E+02 9.488E+03 4.425E+01 8.200E+01 -1
79 13 91 92 1003 beam -2.420E+03 -4.889E+03 -1.020E+02 -1.372E+03 1
78 13 90 91 1003 beam -7.882E+01 5.925E+03 3.300E+03 -7.867E+01 -8
77 13 89 90 1003 beam -3.437E+01 1.007E+04 8.560E+01 -4.427E+01 -1
76 13 20 21 1001 beam 4.407E+02 1.038E+01 -1.708E+02 -4.557E+01 -1
75 19 19 20 1001 beam 4.875E+02 1.715E+04 2.507E+02 1.700E+02 -2
74 19 19 19 1001 beam 8.671E+02 -2.655E+02 -2.586E+03 5.000E+02 7
73 17 17 19 1001 beam 6.200E+02 1.052E+04 3.787E+02 2.603E+02 -2
72 16 17 17 1001 beam 1.983E+02 5.433E+03 -5.433E+03 -2.788E+02 1
63 10 15 16 1001 beam 1.082E+03 1.342E+04 5.455E+02 5.540E+02 -3
62 10 14 15 1001 beam -1.289E+03 1.361E+04 1.310E+01 -5.450E+02 -3
61 10 13 14 1001 beam -5.742E+01 2.124E+04 -3.074E+01 -1.311E+01 -4
62 12 12 13 1001 beam -5.300E+01 2.527E+04 1.618E+02 8.074E+01 -5
61 11 11 12 1001 beam -3.086E+02 3.546E+04 2.965E+02 1.617E+02 -7
60 10 10 11 1001 beam -2.842E+02 1.123E+04 -8.488E+02 -2.061E+02 -2
59 9 10 10 1001 beam -1.720E+01 8.638E+03 -2.656E+01 8.488E+02 2
58 8 8 9 1001 beam 4.342E+02 6.955E+03 1.646E+02 2.653E+01 -1
57 7 7 8 1001 beam -3.169E+02 8.883E+03 -1.489E+02 -1.646E+02 -2
56 6 6 7 1001 beam 5.020E+02 3.016E+03 9.010E+01 -4.888E+02 -7
55 5 5 6 1001 beam -1.830E+02 6.313E+03 -1.007E+02 -9.027E+01 -1
54 4 4 5 1001 beam 1.445E+02 -4.106E+02 -7.743E+01 1.007E+02 -1
53 3 3 4 1001 beam -7.614E+01 2.405E+03 -1.138E+02 3.754E+01 -4
52 2 2 3 1001 beam 2.248E+02 9.400E+02 1.064E+01 -1.107E+02 2
51 1 1 2 1001 beam -1.405E+01 2.200E+03 1.374E+02 -1.677E+01 -1
```

```
>set log off
* log-file recording stopped 31-Dec-15 12:06
```

* FLAC log-file opened 31-Dec-15 12:06

```
From File : 7.sav
>set log on
* log-file recording re-started 31-Dec-15 12:06
From File : 7.sav
>pr stru cable
```

```
Structural element data ...
Elem ID Node1 Node2 Prop F-shear F-axial Mom-1 Mom-2
205 36 239 240 34 cable 0.000E+00 -1.762E-02 0.000E+00 0.000E+00 1
207 36 238 239 34 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
206 36 237 238 34 cable 0.000E+00 -1.010E-02 0.000E+00 0.000E+00 -7
205 36 236 237 34 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -4
204 36 235 236 34 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -7
203 35 233 234 34 cable 0.000E+00 -4.465E-02 0.000E+00 0.000E+00 -2
202 35 232 233 34 cable 0.000E+00 7.638E-02 0.000E+00 0.000E+00 -4
201 35 231 232 34 cable 0.000E+00 -3.242E-02 0.000E+00 0.000E+00 -3
200 35 230 231 34 cable 0.000E+00 -2.059E-02 0.000E+00 0.000E+00 5
199 35 229 230 34 cable 0.000E+00 -6.178E-01 0.000E+00 0.000E+00 1
198 34 227 228 34 cable 0.000E+00 -1.183E+01 0.000E+00 0.000E+00 -1
197 34 226 227 34 cable 0.000E+00 -7.047E+02 0.000E+00 0.000E+00 -1
196 34 225 226 34 cable 0.000E+00 -6.465E-02 0.000E+00 0.000E+00 -9
195 34 224 225 34 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
194 34 223 224 34 cable 0.000E+00 -2.419E-02 0.000E+00 0.000E+00 -2
193 33 221 222 34 cable 0.000E+00 -4.800E-03 0.000E+00 0.000E+00 -1
192 33 220 221 34 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -1
191 33 219 220 34 cable 0.000E+00 -2.653E-02 0.000E+00 0.000E+00 -1
190 33 218 219 34 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -6
189 33 217 218 34 cable 0.000E+00 -1.989E-02 0.000E+00 0.000E+00 3
188 30 209 210 33 cable 0.000E+00 -1.036E-02 0.000E+00 0.000E+00 -4
187 30 208 209 33 cable 0.000E+00 -3.710E-02 0.000E+00 0.000E+00 -1
186 30 207 208 33 cable 0.000E+00 -9.903E-03 0.000E+00 0.000E+00 -1
185 30 206 207 33 cable 0.000E+00 -3.188E-02 0.000E+00 0.000E+00 -2
184 30 205 206 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -3
183 29 203 204 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -3
182 29 202 203 33 cable 0.000E+00 -5.563E-02 0.000E+00 0.000E+00 1
181 29 201 202 33 cable 0.000E+00 -6.882E-02 0.000E+00 0.000E+00 5
180 29 200 201 33 cable 0.000E+00 -2.842E-03 0.000E+00 0.000E+00 -1
179 29 199 200 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
178 29 198 200 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
177 28 197 198 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
176 28 196 197 33 cable 0.000E+00 -7.789E-02 0.000E+00 0.000E+00 -1
175 28 195 196 33 cable 0.000E+00 -1.532E-01 0.000E+00 0.000E+00 3
180 28 194 195 33 cable 0.000E+00 -6.531E-02 0.000E+00 0.000E+00 3
179 28 193 194 33 cable 0.000E+00 -7.072E-02 0.000E+00 0.000E+00 3
167 27 191 192 33 cable 0.000E+00 -1.567E-01 0.000E+00 0.000E+00 -1
166 190 191 33 cable 0.000E+00 8.616E-02 0.000E+00 0.000E+00 2
165 27 189 190 33 cable 0.000E+00 -6.045E-02 0.000E+00 0.000E+00 -5
164 27 188 189 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -1
163 27 187 188 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
162 26 185 186 33 cable 0.000E+00 -3.057E-02 0.000E+00 0.000E+00 5
161 26 184 185 33 cable 0.000E+00 -1.894E-02 0.000E+00 0.000E+00 -5
160 26 183 184 33 cable 0.000E+00 -5.845E-02 0.000E+00 0.000E+00 1
159 26 182 183 33 cable 0.000E+00 -1.055E-01 0.000E+00 0.000E+00 2
158 26 181 182 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -8
157 25 179 180 33 cable 0.000E+00 -4.253E-02 0.000E+00 0.000E+00 7
156 25 178 179 33 cable 0.000E+00 -4.016E-02 0.000E+00 0.000E+00 8
155 25 177 178 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -5
154 25 176 177 33 cable 0.000E+00 -6.956E-03 0.000E+00 0.000E+00 -3
```

```
153 25 175 176 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
152 24 173 174 33 cable 0.000E+00 -2.551E-02 0.000E+00 0.000E+00 -7
151 24 172 173 33 cable 0.000E+00 -6.940E-02 0.000E+00 0.000E+00 -4
150 24 171 172 33 cable 0.000E+00 -1.427E-03 0.000E+00 0.000E+00 -1
149 24 170 171 33 cable 0.000E+00 -8.343E-02 0.000E+00 0.000E+00 1
148 24 169 170 33 cable 0.000E+00 -5.990E-02 0.000E+00 0.000E+00 6
147 23 167 168 33 cable 0.000E+00 -2.650E-02 0.000E+00 0.000E+00 3
146 165 167 33 cable 0.000E+00 -3.797E-02 0.000E+00 0.000E+00 -5
145 23 165 166 33 cable 0.000E+00 -1.652E-02 0.000E+00 0.000E+00 -1
144 23 164 165 33 cable 0.000E+00 -2.307E-02 0.000E+00 0.000E+00 -4
143 23 159 164 33 cable 0.000E+00 -8.670E-02 0.000E+00 0.000E+00 1
142 22 162 163 33 cable 0.000E+00 -1.739E-02 0.000E+00 0.000E+00 5
141 22 161 162 33 cable 0.000E+00 -8.240E-02 0.000E+00 0.000E+00 1
140 22 160 161 33 cable 0.000E+00 -2.250E-02 0.000E+00 0.000E+00 6
139 159 160 33 cable 0.000E+00 -6.478E-02 0.000E+00 0.000E+00 1
138 22 158 159 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1
137 21 156 157 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -1
136 21 155 156 33 cable 0.000E+00 -5.252E-02 0.000E+00 0.000E+00 2
135 21 154 155 33 cable 0.000E+00 -4.585E-03 0.000E+00 0.000E+00 -6
134 21 153 154 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -1
133 21 152 153 33 cable 0.000E+00 -6.347E-01 0.000E+00 0.000E+00 -1
132 20 150 151 33 cable 0.000E+00 -5.652E-02 0.000E+00 0.000E+00 3
131 20 149 150 33 cable 0.000E+00 -1.587E-02 0.000E+00 0.000E+00 -1
130 20 148 149 33 cable 0.000E+00 -4.340E-02 0.000E+00 0.000E+00 -6
129 20 147 148 33 cable 0.000E+00 -6.808E-02 0.000E+00 0.000E+00 7
128 20 146 147 33 cable 0.000E+00 -5.214E-02 0.000E+00 0.000E+00 2
127 18 119 120 33 cable 0.000E+00 -2.155E+03 0.000E+00 0.000E+00 6
126 18 118 119 33 cable 0.000E+00 -2.400E+03 0.000E+00 0.000E+00 7
125 18 117 118 33 cable 0.000E+00 -2.828E+03 0.000E+00 0.000E+00 8
124 18 116 117 33 cable 0.000E+00 -9.932E+03 0.000E+00 0.000E+00 8
123 18 115 116 33 cable 0.000E+00 -4.016E+03 0.000E+00 0.000E+00 1
122 17 113 114 33 cable 0.000E+00 -2.581E+03 0.000E+00 0.000E+00 7
121 17 112 113 33 cable 0.000E+00 -2.993E+03 0.000E+00 0.000E+00 9
120 17 111 112 33 cable 0.000E+00 3.108E+03 0.000E+00 0.000E+00 9
119 17 110 111 33 cable 0.000E+00 -3.301E+03 0.000E+00 0.000E+00 1
118 17 109 110 33 cable 0.000E+00 3.988E+03 0.000E+00 0.000E+00 9
117 107 108 33 cable 0.000E+00 -1.910E+03 0.000E+00 0.000E+00 5
116 106 107 33 cable 0.000E+00 -2.152E+03 0.000E+00 0.000E+00 6
115 105 106 33 cable 0.000E+00 -2.258E+03 0.000E+00 0.000E+00 9
114 104 105 33 cable 0.000E+00 -2.879E+03 0.000E+00 0.000E+00 -1
113 103 104 33 cable 0.000E+00 1.003E+03 0.000E+00 0.000E+00 1
112 101 102 33 cable 0.000E+00 -2.273E+03 0.000E+00 0.000E+00 6
111 100 101 33 cable 0.000E+00 3.745E+03 0.000E+00 0.000E+00 8
110 99 100 33 cable 0.000E+00 -2.920E+03 0.000E+00 0.000E+00 8
109 98 99 33 cable 0.000E+00 -3.153E+03 0.000E+00 0.000E+00 8
108 97 98 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 9
107 87 88 33 cable 0.000E+00 -1.454E+03 0.000E+00 0.000E+00 -4
106 86 87 33 cable 0.000E+00 -7.112E+03 0.000E+00 0.000E+00 6
105 85 86 33 cable 0.000E+00 -1.859E+03 0.000E+00 0.000E+00 5
104 84 85 33 cable 0.000E+00 -3.146E+03 0.000E+00 0.000E+00 6
103 83 84 33 cable 0.000E+00 -2.124E+03 0.000E+00 0.000E+00 6
102 81 82 33 cable 0.000E+00 -6.798E+02 0.000E+00 0.000E+00 2
101 80 81 33 cable 0.000E+00 -1.211E+03 0.000E+00 0.000E+00 3
99 11 79 80 33 cable 0.000E+00 -1.328E+03 0.000E+00 0.000E+00 -4
98 11 78 79 33 cable 0.000E+00 -1.038E+03 0.000E+00 0.000E+00 5
97 11 77 78 33 cable 0.000E+00 -1.557E+03 0.000E+00 0.000E+00 4
96 75 76 33 cable 0.000E+00 -2.586E+03 0.000E+00 0.000E+00 7
95 10 74 75 33 cable 0.000E+00 -2.644E+03 0.000E+00 0.000E+00 8
94 10 73 74 33 cable 0.000E+00 -2.700E+03 0.000E+00 0.000E+00 8
93 10 72 73 33 cable 0.000E+00 -2.778E+03 0.000E+00 0.000E+00 8
92 10 71 72 33 cable 0.000E+00 -2.813E+03 0.000E+00 0.000E+00 8
91 69 70 33 cable 0.000E+00 -1.988E+03 0.000E+00 0.000E+00 6
90 69 69 33 cable 0.000E+00 -2.233E+03 0.000E+00 0.000E+00 6
89 67 68 33 cable 0.000E+00 -2.388E+03 0.000E+00 0.000E+00 7
88 9 66 67 33 cable 0.000E+00 -2.729E+03 0.000E+00 0.000E+00 8
87 65 66 33 cable 0.000E+00 -2.567E+03 0.000E+00 0.000E+00 7
86 83 63 64 33 cable 0.000E+00 -4.088E+02 0.000E+00 0.000E+00 1
85 82 63 63 33 cable 0.000E+00 -6.852E+02 0.000E+00 0.000E+00 2
84 61 62 33 cable 0.000E+00 -9.832E+02 0.000E+00 0.000E+00 3
83 60 61 33 cable 0.000E+00 -1.134E+03 0.000E+00 0.000E+00 3
82 59 60 33 cable 0.000E+00 0.000E+00 0.000E+00 -2
81 7 57 58 33 cable 0.000E+00 -1.359E+01 0.000E+00 0.000E+00 -2
80 57 57 33 cable 0.000E+00 -3.946E+01 0.000E+00 0.000E+00 2
79 56 56 33 cable 0.000E+00 -5.921E+02 0.000E+00 0.000E+00 -1
78 54 55 33 cable 0.000E+00 -8.241E+02 0.000E+00 0.000E+00 2
77 54 54 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -9
76 5 51 52 33 cable 0.000E+00 -1.976E+01 0.000E+00 0.000E+00 -8
75 6 50 51 33 cable 0.000E+00 -2.621E+02 0.000E+00 0.000E+00 8
74 6 49 50 33 cable 0.000E+00 -5.073E+02 0.000E+00 0.000E+00 1
73 6 48 49 33 cable 0.000E+00 1.445E+02 0.000E+00 0.000E+00 2
72 6 47 48 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -7
71 5 46 47 33 cable 0.000E+00 -7.944E+02 0.000E+00 0.000E+00 2
70 5 44 45 33 cable 0.000E+00 -1.109E+03 0.000E+00 0.000E+00 3
69 5 43 44 33 cable 0.000E+00 -1.314E+03 0.000E+00 0.000E+00 4
68 5 42 43 33 cable 0.000E+00 -1.728E+03 0.000E+00 0.000E+00 5
67 5 41 42 33 cable 0.000E+00 0.000E+00 0.000E+00 0.000E+00 -2
66 4 39 40 33 cable 0.000E+00 -1.980E+02 0.000E+00 0.000E+00 6
65 4 38 39 33 cable 0.000E+00 -6.020E+02 0.000E+00 0.000E+00 1
64 4 37 38 33 cable 0.000E+00 -7.978E+02 0.000E+00 0.000E+00 2
63 4 36 37 33 cable 0.000E+00 -1.373E+03 0.000E+00 0.000E+00 4
62 4 35 36 33 cable 0.000E+00 -1.300E+03 0.000E+00 0.000E+00 -4
61 31 32 33 33 cable 0.000E+00 -2.306E+03 0.000E+00 0.000E+00 
```


120	-0.318	-0.322	-0.326	-0.329	-0.333	-0.337	-0.342	-0.347	147
119	-0.319	-0.323	-0.327	-0.330	-0.334	-0.338	-0.343	-0.348	146
118	-0.321	-0.324	-0.328	-0.332	-0.335	-0.340	-0.344	-0.349	145
117	-0.323	-0.326	-0.330	-0.333	-0.336	-0.341	-0.345	-0.349	144
116	-0.325	-0.328	-0.331	-0.334	-0.338	-0.343	-0.347	-0.352	143
115	-0.326	-0.330	-0.333	-0.336	-0.340	-0.345	-0.349	-0.354	142
114	-0.325	-0.330	-0.333	-0.337	-0.341	-0.346	-0.351	-0.356	141
113	-0.327	-0.331	-0.335	-0.338	-0.342	-0.346	-0.351	-0.355	140
112	-0.328	-0.332	-0.336	-0.340	-0.344	-0.348	-0.352	-0.356	139
111	-0.330	-0.334	-0.338	-0.342	-0.346	-0.350	-0.354	-0.358	138
110	-0.331	-0.335	-0.340	-0.344	-0.348	-0.352	-0.356	-0.360	137
109	-0.333	-0.338	-0.342	-0.346	-0.350	-0.354	-0.358	-0.362	136
108	-0.335	-0.340	-0.344	-0.348	-0.352	-0.356	-0.360	-0.364	135
107	-0.336	-0.341	-0.346	-0.350	-0.354	-0.358	-0.362	-0.366	134
106	-0.338	-0.343	-0.348	-0.352	-0.356	-0.360	-0.364	-0.368	133
105	-0.340	-0.345	-0.350	-0.354	-0.358	-0.362	-0.366	-0.370	132
104	-0.342	-0.347	-0.352	-0.356	-0.360	-0.364	-0.368	-0.372	131
103	-0.344	-0.349	-0.354	-0.358	-0.362	-0.366	-0.370	-0.374	130
102	-0.346	-0.351	-0.356	-0.360	-0.364	-0.368	-0.372	-0.376	129
101	-0.348	-0.353	-0.358	-0.362	-0.366	-0.370	-0.374	-0.378	128
100	-0.350	-0.355	-0.360	-0.364	-0.368	-0.372	-0.376	-0.380	127
99	-0.352	-0.357	-0.362	-0.366	-0.370	-0.374	-0.378	-0.382	126
98	-0.354	-0.360	-0.364	-0.368	-0.372	-0.376	-0.380	-0.384	125
97	-0.356	-0.362	-0.366	-0.370	-0.374	-0.378	-0.382	-0.386	124
96	-0.358	-0.365	-0.371	-0.375	-0.379	-0.383	-0.387	-0.391	123
95	-0.360	-0.367	-0.374	-0.380	-0.384	-0.388	-0.392	-0.396	122
94	-0.362	-0.370	-0.377	-0.383	-0.388	-0.392	-0.396	-0.400	121
93	-0.364	-0.372	-0.379	-0.386	-0.393	-0.399	-0.404	-0.408	120
92	-0.366	-0.374	-0.382	-0.389	-0.396	-0.402	-0.407	-0.411	119
91	-0.368	-0.377	-0.385	-0.392	-0.399	-0.406	-0.412	-0.416	118
90	-0.371	-0.379	-0.387	-0.395	-0.402	-0.409	-0.415	-0.421	117
89	-0.373	-0.382	-0.390	-0.398	-0.405	-0.412	-0.419	-0.425	116
88	-0.375	-0.384	-0.393	-0.401	-0.409	-0.416	-0.423	-0.430	115
87	-0.377	-0.387	-0.395	-0.403	-0.411	-0.419	-0.427	-0.434	114
86	-0.379	-0.389	-0.398	-0.406	-0.414	-0.422	-0.430	-0.438	113
85	-0.381	-0.391	-0.400	-0.408	-0.416	-0.424	-0.432	-0.440	112
84	-0.382	-0.394	-0.404	-0.412	-0.420	-0.428	-0.436	-0.444	111
83	-0.384	-0.396	-0.406	-0.414	-0.422	-0.430	-0.438	-0.446	110
82	-0.386	-0.398	-0.408	-0.416	-0.424	-0.432	-0.440	-0.448	109
81	-0.388	-0.400	-0.410	-0.418	-0.426	-0.434	-0.442	-0.450	108
80	-0.389	-0.401	-0.411	-0.419	-0.427	-0.435	-0.443	-0.451	107
79	-0.390	-0.402	-0.412	-0.420	-0.428	-0.436	-0.444	-0.452	106
78	-0.392	-0.404	-0.414	-0.422	-0.430	-0.438	-0.446	-0.454	105
77	-0.393	-0.405	-0.415	-0.423	-0.431	-0.439	-0.447	-0.455	104
76	-0.394	-0.406	-0.416	-0.424	-0.432	-0.440	-0.448	-0.456	103
75	-0.395	-0.407	-0.417	-0.425	-0.433	-0.441	-0.449	-0.457	102
74	-0.396	-0.408	-0.418	-0.426	-0.434	-0.442	-0.450	-0.458	101
73	-0.397	-0.409	-0.419	-0.427	-0.435	-0.443	-0.451	-0.459	100
72	-0.398	-0.410	-0.420	-0.428	-0.436	-0.444	-0.452	-0.460	99
71	-0.399	-0.411	-0.421	-0.429	-0.437	-0.445	-0.453	-0.461	98
70	-0.400	-0.412	-0.422	-0.430	-0.438	-0.446	-0.454	-0.462	97
69	-0.401	-0.413	-0.423	-0.431	-0.439	-0.447	-0.455	-0.463	96
68	-0.402	-0.414	-0.424	-0.432	-0.440	-0.448	-0.456	-0.464	95
67	-0.403	-0.415	-0.425	-0.433	-0.441	-0.449	-0.457	-0.465	94
66	-0.404	-0.416	-0.426	-0.434	-0.442	-0.450	-0.458	-0.466	93
65	-0.405	-0.417	-0.427	-0.435	-0.443	-0.451	-0.459	-0.467	92
64	-0.406	-0.418	-0.428	-0.436	-0.444	-0.452	-0.460	-0.468	91
63	-0.407	-0.419	-0.429	-0.437	-0.445	-0.453	-0.461	-0.469	90
62	-0.408	-0.420	-0.430	-0.438	-0.446	-0.454	-0.462	-0.470	89
61	-0.409	-0.421	-0.431	-0.439	-0.447	-0.455	-0.463	-0.471	88
60	-0.410	-0.422	-0.432	-0.440	-0.448	-0.456	-0.464	-0.472	87
59	-0.411	-0.423	-0.433	-0.441	-0.449	-0.457	-0.465	-0.473	86
58	-0.412	-0.424	-0.434	-0.442	-0.450	-0.458	-0.466	-0.474	85
57	-0.413	-0.425	-0.435	-0.443	-0.451	-0.459	-0.467	-0.475	84
56	-0.414	-0.426	-0.436	-0.444	-0.452	-0.460	-0.468	-0.476	83
55	-0.415	-0.427	-0.437	-0.445	-0.453	-0.461	-0.469	-0.477	82
54	-0.416	-0.428	-0.438	-0.446	-0.454	-0.462	-0.470	-0.478	81
53	-0.417	-0.429	-0.439	-0.447	-0.455	-0.463	-0.471	-0.479	80
52	-0.418	-0.430	-0.440	-0.448	-0.456	-0.464	-0.472	-0.480	79
51	-0.419	-0.431	-0.441	-0.449	-0.457	-0.465	-0.473	-0.481	78
50	-0.420	-0.432	-0.442	-0.450	-0.458	-0.466	-0.474	-0.482	77
49	-0.421	-0.433	-0.443	-0.451	-0.459	-0.467	-0.475	-0.483	76
48	-0.422	-0.434	-0.444	-0.452	-0.460	-0.468	-0.476	-0.484	75
47	-0.423	-0.435	-0.445	-0.453	-0.461	-0.469	-0.477	-0.485	74
46	-0.424	-0.436	-0.446	-0.454	-0.462	-0.470	-0.478	-0.486	73
45	-0.425	-0.437	-0.447	-0.455	-0.463	-0.471	-0.479	-0.487	72
44	-0.426	-0.438	-0.448	-0.456	-0.464	-0.472	-0.480	-0.488	71
43	-0.427	-0.439	-0.449	-0.457	-0.465	-0.473	-0.481	-0.489	70
42	-0.428	-0.440	-0.450	-0.458	-0.466	-0.474	-0.482	-0.490	69
41	-0.429	-0.441	-0.451	-0.459	-0.467	-0.475	-0.483	-0.491	68
40	-0.430	-0.442	-0.452	-0.460	-0.468	-0.476	-0.484	-0.492	67
39	-0.431	-0.443	-0.453	-0.461	-0.469	-0.477	-0.485	-0.493	66
38	-0.432	-0.444	-0.454	-0.462	-0.470	-0.478	-0.486	-0.494	65
37	-0.433	-0.445	-0.455	-0.463	-0.471	-0.479	-0.487	-0.495	64
36	-0.434	-0.446	-0.456	-0.464	-0.472	-0.480	-0.488	-0.496	63
35	-0.435	-0.447	-0.457	-0.465	-0.473	-0.481	-0.489	-0.497	62
34	-0.436	-0.448	-0.458	-0.466	-0.474	-0.482	-0.490	-0.498	61
33	-0.437	-0.449	-0.459	-0.467	-0.475	-0.483	-0.491	-0.499	60
32	-0.438	-0.450	-0.460	-0.468	-0.476	-0.484	-0.492	-0.500	59
31	-0.439	-0.451	-0.461	-0.469	-0.477	-0.485	-0.493	-0.501	58
30	-0.440	-0.452	-0.462	-0.470	-0.478	-0.486	-0.494	-0.502	57
29	-0.441	-0.453	-0.463	-0.471	-0.479	-0.487	-0.495	-0.503	56
28	-0.442	-0.454	-0.464	-0.472	-0.480	-0.488	-0.496	-0.504	55
27	-0.443	-0.455	-0.465	-0.473	-0.481	-0.489	-0.497	-0.505	54
26	-0.444	-0.456	-0.466	-0.474	-0.482	-0.490	-0.498	-0.506	53
25	-0.445	-0.457	-0.467	-0.475	-0.483	-0.491	-0.499	-0.507	52
24	-0.446	-0.458	-0.468	-0.476	-0.484	-0.492	-0.500	-0.508	51
23	-0.447	-0.459	-0.469	-0.477	-0.485	-0.493	-0.501	-0.509	50
22	-0.448	-0.460	-0.470	-0.478	-0.486	-0.494	-0.502	-0.510	49
21	-0.449	-0.461	-0.471	-0.479	-0.487	-0.495	-0.503	-0.511	48
20	-0.450	-0.462	-0.472	-0.480	-0.488	-0.496	-0.504	-0.512	47
19	-0.451	-0.463	-0.473	-0.481	-0.489	-0.497	-0.505	-0.513	46
18	-0.452	-0.464	-0.474	-0.482	-0.490	-0.498	-0.506	-0.514	45
17	-0.453	-0.465	-0.475	-0.483	-0.491	-0.499	-0.507	-0.515	44
16	-0.454	-0.466	-0.476	-0.484	-0.492	-0.500	-0.508	-0.516	43
15	-0.455	-0.467	-0.477	-0.485	-0.493	-0.501	-0.509	-0.517	42
14	-0.456	-0.468	-0.478	-0.486	-0.494	-0.502	-0.510	-0.518	41
13	-0.457	-0.469	-0.479	-0.487	-0.495	-0.503	-0.511	-0.519	40
12	-0.458	-0.470	-0.480	-0.488	-0.496	-0.504	-0.512	-0.520	39
11	-0.459	-0.471	-0.481	-0.489	-0.497	-0.505	-0.513	-0.521	38
10	-0.460	-0.472	-0.482	-0.490	-0.498	-0.506	-0.514	-0.522	37
9	-0.461	-0.473	-0.483	-0.491	-0.499	-0.507	-0.515	-0.523	36
8	-0.462	-0.474	-0.484	-0.492	-0.500	-0.508	-0.516	-0.524	35
7	-0.463	-0.475	-0.485	-0.493	-0.501	-0.509	-0.517	-0.525	34
6	-0.464	-0.476	-0.486	-0.494	-0.502	-0.510	-0.518	-0.526	33
5	-0.465	-0.477	-0.487	-0.495	-0.503	-0.511	-0.519	-0.527	32
4	-0.466	-0.478	-0.488	-0.496	-0.504	-0.512	-0.520	-0.528	31
3	-0.467	-0.479	-0.489	-0.497	-0.505	-0.513	-0.521	-0.529	30
2	-0.468	-0.480	-0.490	-0.498	-0.506	-0.514	-0.522	-0.530	29
1	-0.469	-0.481	-0.491	-0.499	-0.507	-0.515	-0.523	-0.531	28
y disp. (multiply values below by 10 ⁻⁴)									27
1	0.333	0.337	0.341	0.345	0.349	0.353	0.357	0.361	26
2	0.335	0.339	0.343	0.347	0.351	0.355	0.359	0.363	25
3	0.337	0.341	0.345	0.349	0.353	0.357	0.361	0.365	24
4	0.								

6	0.179	0.176	0.174	0.171	0.169	0.164	0.160	0.150
5	0.146	0.144	0.142	0.139	0.137	0.134	0.130	0.127
4	0.112	0.110	0.109	0.107	0.105	0.102	0.100	0.097
3	0.076	0.075	0.074	0.073	0.071	0.070	0.068	0.066
2	0.039	0.039	0.038	0.037	0.036	0.036	0.035	0.034
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(multiply values below by 10 ⁻⁴ -)								
j	81	82	83	84	85	86	87	88
150								
149								
158								
156								
155								
154								
153								
152								
151								
150								
149								
148								
147								
146								
145								
144								
143								
142								
141								
140								
139								
138								
137								
136								
135								
134								
133								
132								
131								
130								
129								
128								
127								
126								
125								
124								
123								
122								
121								
120								
119								
118								
117								
116								
115								
114								
113								
112								
111								
110								
109								
108								
107								
106								
105								
104								
103								
102								
101								
100								
99								
98								
97								
96								
95								
94								
93								
92								
91								
90								
89								
88								
87								
86								
85								
84								
83								
82								
81								

33	0.948	0.898	0.712	0.604	0.506	0.419	0.343	0.277
32	0.907	0.804	0.702	0.605	0.516	0.434	0.362	0.297
31	0.884	0.776	0.687	0.601	0.519	0.448	0.375	0.313
30	0.821	0.746	0.688	0.591	0.518	0.448	0.384	0.325
29	0.780	0.715	0.647	0.578	0.512	0.448	0.388	0.333
28	0.740	0.693	0.624	0.563	0.503	0.445	0.390	0.336
27	0.701	0.652	0.600	0.546	0.492	0.439	0.386	0.339
26	0.665	0.622	0.576	0.528	0.479	0.431	0.384	0.339
25	0.630	0.593	0.552	0.509	0.465	0.421	0.376	0.336
24	0.606	0.571	0.534	0.494	0.453	0.413	0.372	0.333
23	0.580	0.549	0.515	0.479	0.441	0.403	0.365	0.328
22	0.555	0.527	0.496	0.462	0.428	0.393	0.358	0.323
21	0.530	0.504	0.475	0.446	0.414	0.381	0.346	0.317
20	0.505	0.482	0.456	0.428	0.399	0.369	0.339	0.309
19	0.480	0.459	0.435	0.410	0.383	0.356	0.328	0.301
18	0.455	0.436	0.414	0.391	0.367	0.342	0.317	0.291
17	0.430	0.413	0.393	0.372	0.350	0.328	0.304	0.281
16	0.405	0.389	0.372	0.353	0.333	0.312	0.291	0.269
15	0.381	0.366	0.350	0.333	0.315	0.296	0.277	0.257
14	0.356	0.343	0.328	0.313	0.297	0.279	0.262	0.244
13	0.331	0.319	0.305	0.292	0.278	0.262	0.246	0.230
12	0.306	0.296	0.284	0.271	0.258	0.244	0.230	0.215
11	0.281	0.272	0.261	0.250	0.238	0.226	0.213	0.200
10	0.256	0.248	0.239	0.228	0.218	0.207	0.195	0.184
9	0.231	0.223	0.215	0.206	0.197	0.187	0.177	0.167
8	0.205	0.198	0.191	0.183	0.175	0.167	0.158	0.149
7	0.178	0.172	0.166	0.160	0.153	0.146	0.138	0.131
6	0.151	0.146	0.141	0.136	0.130	0.124	0.118	0.111
5	0.123	0.119	0.115	0.111	0.106	0.101	0.096	0.091
4	0.094	0.091	0.088	0.085	0.081	0.077	0.074	0.070
3	0.064	0.062	0.060	0.058	0.055	0.053	0.050	0.048
2	0.033	0.032	0.031	0.030	0.028	0.027	0.026	0.024
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(multiply values below by 10 ⁻⁴ -)								
j	89	90	91	92	93	94	95	96
160								
159								
158								
157								
156								
155								
154								
153								
152								
151								
150								
149								
148								
147								
146								
145								
144								
143								
142								
141								
140								
139								
138								
137								
136								
135								
134								
133								
132								
131								
130								
129								
128								
127								
126								
125								
124								
123								
122								
121								
120								
119								
118								
117								
116								
115								
114								
113								
112								
111								
110								
109								
108								
107								
106								
105								
104								
103								
102								
101								
100								
99								
98								
97								
96								
95								
94								
93								
92								
91								
90								
89								
88								
87								
86								
85								
84								
83								
82								
81								

96	-0.874							
95	-0.862	-0.850	-0.838					
94	-0.869	-0.851	-0.836	-0.813	-0.800			
93	-0.869	-0.851	-0.832	-0.813	-0.787	-0.774	-0.761	
92	-0.869	-0.851	-0.832	-0.814	-0.794	-0.774	-0.754	-0.734
91	-0.869	-0.851	-0.832	-0.813	-0.794	-0.774	-0.754	-0.734
90	-0.869	-0.850	-0.831	-0.813	-0.793	-0.774	-0.754	-0.734
89	-0.867	-0.849	-0.831	-0.812	-0.793	-0.773	-0.753	-0.733
88	-0.867	-0.849	-0.830	-0.811	-0.792	-0.772	-0.752	-0.732
87	-0.867	-0.848	-0.830	-0.811	-0.791	-0.771	-0.751	-0.731
86	-0.866	-0.848	-0.829	-0.810	-0.790	-0.770	-0.750	-0.730
85	-0.866	-0.848	-0.829	-0.809	-0.789	-0.769	-0.749	-0.729
84	-0.866	-0.847	-0.828	-0.808	-0.788	-0.768	-0.748	-0.727
83	-0.866	-0.847	-0.827	-0.807	-0.787	-0.767	-0.747	-0.725
82	-0.865	-0.846	-0.827	-0.807	-0.787	-0.767	-0.747	-0.725
81	-0.867	-0.847	-0.826	-0.806	-0.785	-0.764	-0.743	-0.721
80	-0.867	-0.847	-0.826	-0.805	-0.785	-0.764	-0.743	-0.721
79	-0.867	-0.847	-0.825	-0.805	-0.784	-0.763	-0.742	-0.719
78	-0.867	-0.847	-0.825	-0.804	-0.783	-0.762	-0.741	-0.719
77	-0.866	-0.847	-0.825	-0.803	-0.783	-0.762	-0.741	-0.719
76	-0.866	-0.847	-0.824	-0.803	-0.782	-0.761	-0.740	-0.718
75	-0.867	-0.847	-0.824	-0.801	-0.778	-0.755	-0.731	-0.708
74	-0.867	-0.847	-0.824	-0.801	-0.778	-0.755	-0.731	-0.708
73	-0.867	-0.848	-0.824	-0.799	-0.775	-0.750	-0.726	-0.702
72	-0.867	-0.848	-0.824	-0.799	-0.775	-0.750	-0.726	-0.702
71	-0.867	-0.848	-0.824	-0.799	-0.775	-0.750	-0.726	-0.702
70	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
69	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
68	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
67	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
66	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
65	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
64	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
63	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
62	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
61	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
60	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
59	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
58	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
57	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
56	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
55	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
54	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
53	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
52	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
51	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
50	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
49	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
48	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
47	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
46	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
45	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
44	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
43	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
42	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
41	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
40	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
39	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
38	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
37	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
36	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
35	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
34	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
33	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
32	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
31	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
30	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
29	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
28	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
27	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
26	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
25	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
24	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
23	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
22	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
21	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
20	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
19	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
18	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
17	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
16	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
15	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
14	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
13	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
12	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
11	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
10	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
9	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
8	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
7	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
6	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
5	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
4	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
3	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
2	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701
1	-0.867	-0.848	-0.824	-0.798	-0.774	-0.749	-0.725	-0.701

[illegible]

31	0.000	0.001	0.003	0.004	0.005	0.005	0.005	0.006	0.006
29	0.000	0.002	0.004	0.005	0.006	0.006	0.006	0.009	0.010
28	0.000	0.002	0.004	0.005	0.007	0.006	0.010	0.012	0.013
27	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
26	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
25	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
24	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
23	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
22	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
21	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
20	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
19	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
18	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
17	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
16	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
15	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
14	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
13	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
12	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
11	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
10	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
9	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
8	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
7	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
6	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
5	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
4	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
3	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
2	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
1	0.000	0.003	0.005	0.006	0.008	0.010	0.013	0.015	0.017
x disp.1. (multiply values below by 10 ⁻⁴)									
1	9	10	11	12	13	14	15	16	
150	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044
149	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044
148	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044
147	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044
146	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044
145	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044
144	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044
143	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.0

59	0.005	0.075	0.085	0.097	0.109	0.122	0.135	0.140	86	0.127	0.129	0.131	0.132	0.133	0.133	0.133	0.133	113	0.030	0.059	0.059	0.058	0.057	0.056	0.054	0.053	140
58	0.060	0.070	0.080	0.091	0.102	0.115	0.128	0.142	85	0.131	0.133	0.135	0.137	0.138	0.138	0.138	0.138	112	0.060	0.059	0.059	0.058	0.057	0.056	0.054	0.052	139
57	0.056	0.065	0.074	0.084	0.095	0.107	0.120	0.134	84	0.135	0.138	0.140	0.142	0.143	0.144	0.144	0.144	111	0.061	0.060	0.059	0.058	0.057	0.055	0.054	0.052	138
56	0.051	0.059	0.068	0.078	0.088	0.100	0.112	0.126	83	0.145	0.148	0.150	0.152	0.153	0.154	0.154	0.154	110	0.061	0.060	0.059	0.058	0.057	0.055	0.054	0.052	137
55	0.046	0.053	0.062	0.070	0.080	0.091	0.102	0.114	82	0.143	0.146	0.149	0.152	0.153	0.155	0.155	0.156	109	0.062	0.061	0.060	0.058	0.057	0.056	0.054	0.052	136
54	0.041	0.048	0.056	0.064	0.073	0.083	0.094	0.106	81	0.147	0.150	0.152	0.155	0.157	0.159	0.160	0.160	108	0.063	0.062	0.061	0.059	0.058	0.056	0.055	0.053	135
53	0.036	0.042	0.048	0.055	0.063	0.072	0.082	0.092	80	0.151	0.155	0.159	0.162	0.164	0.166	0.167	0.168	107	0.064	0.062	0.061	0.060	0.059	0.057	0.055	0.052	134
52	0.031	0.037	0.042	0.046	0.052	0.059	0.067	0.074	79	0.172	0.176	0.180	0.184	0.187	0.190	0.191	0.191	106	0.065	0.063	0.062	0.061	0.060	0.058	0.056	0.054	133
51	0.026	0.030	0.035	0.040	0.046	0.052	0.060	0.069	78	0.159	0.164	0.169	0.172	0.176	0.178	0.180	0.181	105	0.066	0.065	0.064	0.062	0.061	0.059	0.057	0.054	132
50	0.021	0.025	0.028	0.033	0.037	0.042	0.048	0.055	77	0.163	0.169	0.173	0.178	0.181	0.184	0.186	0.188	104	0.066	0.066	0.065	0.064	0.062	0.060	0.058	0.055	131
49	0.017	0.019	0.022	0.025	0.029	0.033	0.038	0.043	76	0.167	0.173	0.178	0.183	0.187	0.190	0.192	0.193	103	0.067	0.067	0.066	0.065	0.063	0.061	0.059	0.056	130
48	0.012	0.014	0.016	0.018	0.021	0.023	0.027	0.030	75	0.170	0.177	0.182	0.188	0.192	0.195	0.198	0.202	102	0.072	0.070	0.069	0.067	0.066	0.063	0.061	0.058	129
47	0.008	0.009	0.010	0.011	0.013	0.015	0.018	0.020	74	0.172	0.182	0.183	0.188	0.193	0.198	0.203	0.208	101	0.074	0.073	0.072	0.071	0.069	0.067	0.064	0.061	128
46	0.005	0.005	0.005	0.006	0.006	0.006	0.007	0.008	73	0.177	0.185	0.192	0.198	0.203	0.208	0.212	0.216	100	0.076	0.075	0.073	0.072	0.070	0.068	0.065	0.062	127
45	-0.007	-0.009	-0.012	-0.014	-0.017	-0.021	-0.024	-0.028	72	0.180	0.192	0.198	0.203	0.209	0.214	0.219	0.223	99	0.079	0.077	0.076	0.074	0.073	0.070	0.068	0.065	126
44	-0.001	-0.002	-0.003	-0.005	-0.006	-0.007	-0.009	-0.011	71	0.182	0.191	0.199	0.207	0.214	0.220	0.225	0.229	98	0.082	0.080	0.079	0.077	0.075	0.073	0.070	0.067	125
43	-0.004	-0.005	-0.007	-0.008	-0.010	-0.013	-0.015	-0.018	70	0.186	0.194	0.203	0.211	0.219	0.225	0.231	0.236	97	0.085	0.083	0.082	0.080	0.078	0.076	0.073	0.070	124
42	-0.002	-0.003	-0.004	-0.005	-0.006	-0.008	-0.010	-0.012	69	0.189	0.196	0.205	0.213	0.221	0.227	0.233	0.238	96	0.088	0.086	0.085	0.083	0.082	0.079	0.076	0.073	123
41	-0.007	-0.009	-0.011	-0.014	-0.016	-0.020	-0.023	-0.027	68	0.187	0.198	0.209	0.218	0.227	0.235	0.243	0.249	95	0.091	0.090	0.088	0.087	0.085	0.083	0.080	0.077	122
40	-0.007	-0.010	-0.012	-0.015	-0.018	-0.021	-0.025	-0.029	67	0.188	0.198	0.211	0.221	0.231	0.240	0.248	0.254	94	0.095	0.094	0.092	0.091	0.089	0.086	0.083	0.080	121
39	-0.007	-0.010	-0.012	-0.015	-0.018	-0.022	-0.025	-0.029	66	0.188	0.200	0.212	0.223	0.234	0.244	0.253	0.261	93	0.099	0.098	0.096	0.094	0.093	0.090	0.087	0.084	120
38	-0.007	-0.009	-0.011	-0.013	-0.015	-0.018	-0.021	-0.025	65	0.187	0.200	0.213	0.225	0.236	0.247	0.255	0.263	92	0.103	0.102	0.100	0.099	0.097	0.094	0.092	0.089	119
37	-0.006	-0.008	-0.010	-0.013	-0.015	-0.018	-0.022	-0.025	64	0.186	0.199	0.212	0.225	0.236	0.250	0.261	0.271	91	0.107	0.106	0.105	0.103	0.101	0.099	0.096	0.093	118
36	-0.004	-0.006	-0.008	-0.010	-0.012	-0.015	-0.018	-0.020	63	0.183	0.197	0.211	0.223	0.236	0.251	0.263	0.275	90	0.112	0.111	0.109	0.108	0.106	0.104	0.102	0.098	117
35	-0.002	-0.004	-0.005	-0.007	-0.009	-0.011	-0.014	-0.016	62	0.180	0.195	0.209	0.224	0.238	0.252	0.265	0.279	89	0.117	0.116	0.114	0.113	0.111	0.108	0.106	0.102	116
34	0.000	-0.001	-0.002	-0.003	-0.004	-0.005	-0.006	-0.007	61	0.178	0.191	0.206	0.221	0.236	0.251	0.265	0.279	88	0.122	0.121	0.119	0.118	0.116	0.114	0.111	0.108	115
33	0.003	0.003	0.002	0.003	0.004	0.005	0.006	0.007	60	0.177	0.188	0.201	0.217	0.233	0.248	0.264	0.279	87	0.127	0.126	0.125	0.123	0.122	0.119	0.116	0.113	114
32	0.007	0.007	0.007	0.007	0.007	0.008	0.009	0.009	59	0.164	0.180	0.196	0.212	0.228	0.245	0.261	0.277	86	0.132	0.131	0.129	0.129	0.127	0.125	0.122	0.119	113
31	0.010	0.011	0.012	0.013	0.014	0.015	0.017	0.019	58	0.157	0.172	0.188	0.205	0.222	0.239	0.256	0.273	85	0.138	0.137	0.136	0.134	0.133	0.131	0.128	0.125	112
30	0.014	0.016	0.017	0.019	0.021	0.023	0.025	0.028	57	0.148	0.164	0.180	0.196	0.214	0.231	0.249	0.267	84	0.144	0.143	0.142	0.141	0.139	0.137	0.134	0.131	111
29	0.019	0.021	0.023	0.025	0.028	0.031	0.034	0.038	56	0.139	0.154	0.169	0.186	0.204	0.222	0.240	0.259	83	0.149	0.148	0.146	0.146	0.144	0.143	0.141	0.137	110
28	0.023	0.026	0.029	0.032	0.036	0.039	0.044	0.048	55	0.128	0.142	0.158	0.174	0.191	0.210	0.228	0.248	82	0.156	0.155	0.154	0.153	0.152	0.150	0.147	0.144	109
27	0.028	0.031	0.035	0.039	0.043	0.048	0.053	0.058	54	0.116	0.130	0.146	0.160	0.177	0.195	0.214	0.234	81	0.162	0.162	0.161	0.160	0.159	0.157	0.154	0.151	108
26	0.033	0.037	0.041	0.046	0.051	0.056	0.061	0.066	53	0.103	0.117	0.133	0.147	0.163	0.179	0.197	0.217	80	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	107
25	0.038	0.043	0.048	0.053	0.059	0.064	0.071	0.077	52	0.090	0.102	0.115	0.128	0.143	0.160	0.177	0.196	79	0.175	0.175	0.175	0.174	0.173	0.172	0.169	0.166	106
24	0.043	0.048	0.053	0.059	0.064	0.070	0.077	0.083	51	0.078	0.089	0.102	0.115	0.129	0.147	0.164	0.182	78	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	105
23	0.046	0.051	0.057	0.063	0.070	0.077	0.084	0.091	50	0.063	0.071	0.081	0.091	0.103	0.116	0.131	0.147	77	0.189	0.190	0.190	0.189	0.189	0.187	0.185	0.182	104
22	0.049	0.054	0.060	0.066	0.073	0.080	0.087	0.094	49	0.052	0.059	0.068	0.078	0.090	0.104	0.119	0.135	76	0.192	0.193	0.193	0.193	0.193	0.193	0.193	0.193	103
21	0.054	0.061	0.068	0.075	0.082	0.090	0.097	0.105	48	0.045	0.050	0.060	0.072	0.085	0.100	0.115	0.130	75	0.203	0.205	0.205	0.205	0.205	0.204	0.204	0.204	102
20	0.059	0.066	0.073	0.081	0.088	0.096	0.104	0.113	47	0.021	0.024	0.028	0.033	0.038	0.044	0.051	0.058	74	0.211	0.212	0.213	0.214	0.214	0.213	0.211	0.209	101
19	0.064	0.071	0.079	0.087	0.095	0.103	0.111	0.120	46	0.012	0.014	0.017	0.021	0.025	0.030	0.036	0.041	73	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	100
18	0.068	0.076	0.085	0.093	0.101	0.110	0.118	0.127	45	-0.002	-0.003	-0.003	-0.002	-0.002	-0.001	0.001	0.003	72	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	99
17	0.072	0.080	0.089	0.098	0.107	0.116	0.124	0.133	44	-0.003	-0.004	-0.004	-0.003	-0.003	-0.002	0.001	0.003	71	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	98
16	0.076	0.087	0.096	0.105	0.114	0.123	0.131	0.140	43	-0.020	-0.023	-0.026	-0.029	-0.033	-0.036	-0.039	-0.042	70	0.241	0.244	0.247	0.249	0.250	0.251	0.250	0.249	97
15	0.080	0.091	0.100	0.109	0.118	0.127	0.135	0.144	42	-0.032	-0.035	-0.038	-0.041	-0.045	-0.048	-0.051	-0.054	69	0.251	0.254	0.258	0.261	0.264	0.267	0.269	0.271	96
14	0.088	0.098	0.108	0.117	0.126	0.135	0.144	0.152</																			

