■ 청도2교 대구방향(P6)
하부 output

S A P 2 0 0 0 (R)

Structural Analysis Programs

Nonlinear Version 7.42

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Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 1

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	UX	UY	UZ	RX	RY	RZ
1 TO 12	A	A	A	A	A	A
13 TO 14	-	-	-	-	-	-

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 2

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

IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.223624	0.223624	0.223624	.000000	.000000	.000000
2	23.853211	23.853211	23.853211	.000000	.000000	.000000
3	527.402985	527.402985	527.402985	.000000	.000000	.000000
4	45.031219	45.031219	45.031219	.000000	.000000	.000000
5	23.695846	23.695846	23.695846	.000000	.000000	.000000
6	10.932722	10.932722	10.932722	.000000	.000000	.000000
7	10.932722	10.932722	10.932722	.000000	.000000	.000000
8	24.409234	24.409234	24.409234	.000000	.000000	.000000
9	48.558402	48.558402	48.558402	.000000	.000000	.000000
10	531.603800	531.603800	531.603800	.000000	.000000	.000000
11	25.973497	25.973497	25.973497	.000000	.000000	.000000
12	0.243502	0.243502	0.243502	.000000	.000000	.000000
13	480.143810	480.143810	480.143810	.000000	.000000	.000000
14	480.143810	480.143810	480.143810	.000000	.000000	.000000

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	2233.148	2233.148	2233.148	.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	1272.861	1272.861	1272.861
X-LOC	5.629732	5.629732	5.629732
Y-LOC	.000000	.000000	.000000
Z-LOC	45.715000	45.715000	45.715000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 3

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

LOAD D ----------

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05	-8.63E-22
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05	-8.64E-22
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05	-2.65E-22
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06	-1.16E-22
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06	6.76E-23
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07	2.18E-22
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06	8.66E-22
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06	8.65E-22
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

LOAD L1 ----------

JOINT	UX	UY	UZ	RX	RY	RZ
1	1.89E-06	1.49E-25	-0.000396	-1.26E-27	7.49E-08	2.89E-27
2	1.89E-06	1.49E-25	-0.000396	-1.26E-27	7.49E-08	2.89E-27
3	1.89E-06	1.54E-25	-0.000396	-1.26E-27	7.49E-08	2.89E-27
4	1.89E-06	1.58E-25	-0.000397	-1.18E-27	7.51E-08	2.89E-27
5	1.89E-06	7.08E-26	-0.000397	-4.77E-28	7.57E-08	-9.05E-26
6	1.89E-06	2.39E-26	-0.000397	-1.64E-28	7.59E-08	-9.63E-26
7	1.89E-06	-3.42E-26	-0.000397	2.13E-28	7.59E-08	-9.62E-26
8	1.89E-06	-8.10E-26	-0.000397	5.26E-28	7.57E-08	-9.02E-26
9	1.89E-06	-1.64E-25	-0.000397	1.18E-27	7.51E-08	6.89E-27
10	1.89E-06	-1.54E-25	-0.000397	1.26E-27	7.50E-08	6.88E-27
11	1.89E-06	-1.43E-25	-0.000397	1.26E-27	7.50E-08	6.88E-27
12	1.89E-06	-1.43E-25	-0.000397	1.26E-27	7.50E-08	6.88E-27
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

LOAD W-LO ----------

JOINT	UX	UY	UZ	RX	RY	RZ
1	3.42E-23	0.049129	-6.26E-23	-0.001468	-3.89E-23	4.80E-06
2	3.42E-23	0.049129	-6.21E-23	-0.001468	-3.89E-23	4.80E-06
3	3.42E-23	0.049136	-3.22E-25	-0.001468	-3.89E-23	4.80E-06
4	3.44E-23	0.049144	6.19E-23	-0.001468	-3.95E-23	4.80E-06
5	3.46E-23	0.049152	1.02E-22	-0.001468	-1.09E-23	4.21E-06
6	3.47E-23	0.049154	1.06E-22	-0.001468	-5.59E-24	3.92E-06
7	3.48E-23	0.049156	1.08E-22	-0.001468	1.19E-24	3.57E-06
8	3.48E-23	0.049158	1.06E-22	-0.001468	6.82E-24	3.28E-06
9	3.50E-23	0.049162	6.69E-23	-0.001468	4.23E-23	2.64E-06
10	3.52E-23	0.049166	3.22E-25	-0.001468	4.17E-23	2.63E-06
11	3.52E-23	0.049170	-6.58E-23	-0.001468	4.17E-23	2.63E-06
12	3.52E-23	0.049170	-6.64E-23	-0.001468	4.17E-23	2.63E-06

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 4

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

LOAD G-LO1 ----------

JOINT	UX	UY	UZ	RX	RY	RZ
1	-1.72E-30	0.016585	-3.87E-31	-0.000541	-8.88E-32	-4.28E-15
2	-1.72E-30	0.016585	-3.86E-31	-0.000541	-8.88E-32	-4.28E-15
3	-1.72E-30	0.016585	-2.46E-31	-0.000541	-8.79E-32	-4.28E-15
4	-1.72E-30	0.016585	-1.07E-31	-0.000541	-8.74E-32	-4.29E-15
5	-1.72E-30	0.016585	2.10E-32	-0.000541	-6.62E-32	-4.51E-15
6	-1.72E-30	0.016585	5.41E-32	-0.000541	-6.02E-32	-4.55E-15
7	-1.72E-30	0.016585	9.00E-32	-0.000541	-5.35E-32	-4.56E-15
8	-1.72E-30	0.016585	1.17E-31	-0.000541	-4.83E-32	-4.55E-15
9	-1.72E-30	0.016585	1.95E-31	-0.000541	-4.98E-32	-4.39E-15
10	-1.72E-30	0.016585	2.73E-31	-0.000541	-4.89E-32	-4.37E-15
11	-1.72E-30	0.016585	3.51E-31	-0.000541	-4.87E-32	-4.36E-15
12	-1.72E-30	0.016585	3.51E-31	-0.000541	-4.87E-32	-4.36E-15
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

LOAD E-LO ----------

JOINT	UX	UY	UZ	RX	RY	RZ
1	.000000	.000000	.000000	.000000	.000000	.000000
2	.000000	.000000	.000000	.000000	.000000	.000000
3	.000000	.000000	.000000	.000000	.000000	.000000
4	.000000	.000000	.000000	.000000	.000000	.000000
5	.000000	.000000	.000000	.000000	.000000	.000000
6	.000000	.000000	.000000	.000000	.000000	.000000
7	.000000	.000000	.000000	.000000	.000000	.000000
8	.000000	.000000	.000000	.000000	.000000	.000000
9	.000000	.000000	.000000	.000000	.000000	.000000
10	.000000	.000000	.000000	.000000	.000000	.000000
11	.000000	.000000	.000000	.000000	.000000	.000000
12	.000000	.000000	.000000	.000000	.000000	.000000
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

LOAD W-TR ----------

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.020633	-5.65E-21	0.000907	4.41E-23	0.000185	1.81E-22
2	0.020633	-5.65E-21	0.000904	4.41E-23	0.000185	1.81E-22
3	0.020633	-5.36E-21	0.000611	4.41E-23	0.000185	1.81E-22
4	0.020633	-5.07E-21	0.000323	4.11E-23	0.000179	1.82E-22

5	0.020632	-1.76E-21	3.26E-22
0.000102	1.66E-23	0.000158	
3.22E-21			
6	0.020632	-9.78E-23	
4.36E-05	5.71E-24	0.000154	
3.39E-21			
7	0.020632	1.93E-21	
-2.52E-05	-7.42E-24	0.000155	
3.33E-21			
8	0.020632	3.54E-21	
-8.46E-05	-1.84E-23	0.000161	
3.08E-21			

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	
UZ	RX	RY	RZ
9	0.020632	6.19E-21	
-0.000316	-4.11E-23	0.000184	
-5.23E-22			
10	0.020631	5.36E-21	
-0.000611	-4.41E-23	0.000189	
-5.22E-22			
11	0.020631	4.53E-21	
-0.000911	-4.41E-23	0.000189	
-5.22E-22			
12	0.020631	4.52E-21	
-0.000914	-4.41E-23	0.000189	
-5.22E-22			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

LOAD WL --------------------

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.001815	-5.34E-22	
9.38E-05	4.52E-24	1.94E-05	
-1.04E-23			
2	0.001815	-5.34E-22	
9.35E-05	4.52E-24	1.94E-05	
-1.04E-23			
3	0.001815	-5.50E-22	
6.28E-05	4.52E-24	1.94E-05	
-1.04E-23			
4	0.001815	-5.67E-22	
3.26E-05	4.22E-24	1.88E-05	
-1.04E-23			
5	0.001815	-2.54E-22	
9.40E-06	1.71E-24	1.64E-05	
3.24E-22			
6	0.001815	-8.58E-23	
3.38E-06	5.86E-25	1.58E-05	
3.45E-22			
7	0.001815	1.23E-22	
-3.69E-06	-7.62E-25	1.59E-05	
3.45E-22			
8	0.001815	2.90E-22	
-9.73E-06	-1.88E-24	1.64E-05	
3.23E-22			
9	0.001815	5.89E-22	
-3.30E-05	-4.22E-24	1.85E-05	
-2.47E-23			
10	0.001815	5.50E-22	
-6.28E-05	-4.52E-24	1.91E-05	
-2.47E-23			
11	0.001815	5.11E-22	
-9.31E-05	-4.52E-24	1.91E-05	
-2.47E-23			
12	0.001815	5.11E-22	
-9.34E-05	-4.52E-24	1.91E-05	
-2.47E-23			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

LOAD G-TR --------------------

JOINT	UX	UY	
UZ	RX	RY	RZ
1	-0.000841	-5.26E-22	
-6.78E-06	4.39E-26	-4.25E-06	
3.25E-22			
2	-0.000839	-5.21E-22	
-6.72E-06	4.39E-26	-4.25E-06	
3.25E-22			
3	-0.000601	-5.33E-24	
1.18E-08	4.39E-26	-4.25E-06	
3.25E-22			
4	-0.000363	5.10E-22	
6.56E-06	4.09E-26	-4.02E-06	
3.26E-22			
5	-0.000121	8.22E-22	
1.17E-05	1.66E-26	-1.87E-06	
7.78E-23			
6	-4.63E-05	8.49E-22	
1.23E-05	5.68E-27	-6.55E-07	
3.17E-23			
7	4.37E-05	8.51E-22	
1.23E-05	-7.38E-27	8.09E-07	
-2.35E-23			
8	0.000119	8.28E-22	
1.15E-05	-1.83E-26	2.03E-06	
-6.95E-23			
9	0.000361	5.22E-22	
6.38E-06	-4.09E-26	3.92E-06	
-3.26E-22			
10	0.000598	5.33E-24	
-1.18E-08	-4.39E-26	4.14E-06	
-3.25E-22			
11	0.000836	-5.11E-22	
-6.58E-06	-4.39E-26	4.14E-06	
-3.25E-22			
12	0.000838	-5.15E-22	
-6.64E-06	-4.39E-26	4.14E-06	
-3.25E-22			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

LOAD E-TR --------------------

JOINT	UX	UY	
UZ	RX	RY	RZ
1	.000000	.000000	
.000000	.000000	.000000	
.000000			
2	.000000	.000000	
.000000	.000000	.000000	
.000000			
3	.000000	.000000	
.000000	.000000	.000000	
.000000			
4	.000000	.000000	
.000000	.000000	.000000	
.000000			

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	
UZ	RX	RY	RZ
5	.000000	.000000	
.000000	.000000	.000000	
.000000			
6	.000000	.000000	
.000000	.000000	.000000	
.000000			
7	.000000	.000000	
.000000	.000000	.000000	
.000000			
8	.000000	.000000	
.000000	.000000	.000000	
.000000			
9	.000000	.000000	
.000000	.000000	.000000	
.000000			
10	.000000	.000000	
.000000	.000000	.000000	
.000000			
11	.000000	.000000	
.000000	.000000	.000000	
.000000			
12	.000000	.000000	
.000000	.000000	.000000	
.000000			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

COMB SVB01 -------------------- MAX

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000152	1.42E-21	
-0.002925	-2.87E-25	1.77E-05	
-8.63E-22			
2	0.000152	1.40E-21	
-0.002925	-2.87E-25	1.77E-05	
-8.63E-22			
3	0.000152	3.49E-23	
-0.002953	-2.87E-25	1.78E-05	
-8.63E-22			
4	0.000152	-1.33E-21	
-0.002981	-2.68E-25	1.78E-05	
-8.64E-22			
5	0.000152	-2.26E-21	
-0.003013	-1.08E-25	1.21E-05	
-2.65E-22			
6	0.000152	-2.36E-21	
-0.003019	-3.71E-26	8.24E-06	
-1.16E-22			
7	0.000152	-2.37E-21	
-0.003023	4.83E-26	3.43E-06	
6.75E-23			
8	0.000152	-2.30E-21	
-0.003023	1.19E-25	-5.10E-07	
2.18E-22			
9	0.000152	-1.41E-21	
-0.003011	2.68E-25	-5.68E-06	
8.66E-22			
10	0.000152	-3.49E-23	
-0.003002	2.87E-25	-5.71E-06	
8.65E-22			
11	0.000152	1.34E-21	
-0.002993	2.87E-25	-5.62E-06	
8.65E-22			
12	0.000152	1.35E-21	
-0.002993	2.87E-25	-5.62E-06	
8.65E-22			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB02 -------------------- MAX

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000150	1.42E-21	
-0.002529	-2.85E-25	1.76E-05	
-8.63E-22			
2	0.000150	1.40E-21	
-0.002529	-2.85E-25	1.76E-05	
-8.63E-22			
3	0.000150	3.47E-23	
-0.002557	-2.85E-25	1.77E-05	
-8.63E-22			
4	0.000150	-1.33E-21	
-0.002585	-2.66E-25	1.77E-05	
-8.64E-22			
5	0.000150	-2.26E-21	
-0.002616	-1.08E-25	1.21E-05	
-2.65E-22			
6	0.000150	-2.36E-21	
-0.002622	-3.70E-26	8.17E-06	
-1.16E-22			
7	0.000150	-2.37E-21	
-0.002626	4.81E-26	3.35E-06	
6.76E-23			
8	0.000150	-2.30E-21	
-0.002626	1.19E-25	-5.86E-07	
2.18E-22			
9	0.000150	-1.41E-21	
-0.002614	2.66E-25	-5.76E-06	
8.66E-22			
10	0.000150	-3.47E-23	
-0.002605	2.85E-25	-5.78E-06	
8.65E-22			
11	0.000150	1.34E-21	
-0.002596	2.85E-25	-5.70E-06	
8.65E-22			
12	0.000150	1.35E-21	
-0.002596	2.85E-25	-5.70E-06	
8.65E-22			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

COMB SVB03 -------------------- MAX

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000150	0.049129	
-0.002529	-0.001468	1.76E-05	
4.80E-06			
2	0.000150	0.049129	
-0.002529	-0.001468	1.76E-05	
4.80E-06			
3	0.000150	0.049136	
-0.002557	-0.001468	1.77E-05	
4.80E-06			
4	0.000150	0.049144	
-0.002585	-0.001468	1.77E-05	
4.80E-06			
5	0.000150	0.049152	
-0.002616	-0.001468	1.21E-05	
4.21E-06			
6	0.000150	0.049154	
-0.002622	-0.001468	8.17E-06	
3.92E-06			
7	0.000150	0.049156	
-0.002626	-0.001468	3.35E-06	

3.57E-06
8 0.000150 0.049158
-0.002626 -0.001468 -5.86E-07
3.28E-06
9 0.000150 0.049162
-0.002614 -0.001468 -5.76E-06
2.64E-06
10 0.000150 0.049166
-0.002605 -0.001468 -5.78E-06
2.63E-06
11 0.000150 0.049170
-0.002596 -0.001468 -5.70E-06
2.63E-06
12 0.000150 0.049170
-0.002596 -0.001468 -5.70E-06
2.63E-06

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB03 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.049129
-0.002529 -0.001468 1.76E-05
4.80E-06
2 0.000150 0.049129
-0.002529 -0.001468 1.76E-05
4.80E-06
3 0.000150 0.049136
-0.002557 -0.001468 1.77E-05
4.80E-06
4 0.000150 0.049144
-0.002585 -0.001468 1.77E-05
4.80E-06
5 0.000150 0.049152
-0.002616 -0.001468 1.21E-05
4.21E-06
6 0.000150 0.049154
-0.002622 -0.001468 8.17E-06
3.92E-06
7 0.000150 0.049156
-0.002626 -0.001468 3.35E-06
3.57E-06
8 0.000150 0.049158
-0.002626 -0.001468 -5.86E-07
3.28E-06
9 0.000150 0.049162
-0.002614 -0.001468 -5.76E-06
2.64E-06
10 0.000150 0.049166
-0.002605 -0.001468 -5.78E-06
2.63E-06
11 0.000150 0.049170
-0.002596 -0.001468 -5.70E-06
2.63E-06
12 0.000150 0.049170
-0.002596 -0.001468 -5.70E-06
2.63E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB04 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000152 0.024564
-0.002925 -0.000734 1.77E-05
2.40E-06
2 0.000152 0.024564
-0.002925 -0.000734 1.77E-05
2.40E-06
3 0.000152 0.024568
-0.002953 -0.000734 1.78E-05
2.40E-06
4 0.000152 0.024572
-0.002981 -0.000734 1.78E-05
2.40E-06
5 0.000152 0.024576
-0.003013 -0.000734 1.21E-05
2.10E-06
6 0.000152 0.024577
-0.003019 -0.000734 8.24E-06
1.96E-06
7 0.000152 0.024578
-0.003023 -0.000734 3.43E-06
1.79E-06
8 0.000152 0.024579
-0.003023 -0.000734 -5.10E-07
1.64E-06
9 0.000152 0.024581
-0.003011 -0.000734 -5.68E-06
1.32E-06
10 0.000152 0.024583
-0.003002 -0.000734 -5.71E-06
1.31E-06
11 0.000152 0.024585
-0.002993 -0.000734 -5.62E-06
1.31E-06
12 0.000152 0.024585
-0.002993 -0.000734 -5.62E-06
1.31E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB04 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000152 0.024564
-0.002925 -0.000734 1.77E-05
2.40E-06
2 0.000152 0.024564
-0.002925 -0.000734 1.77E-05
2.40E-06
3 0.000152 0.024568
-0.002953 -0.000734 1.78E-05
2.40E-06
4 0.000152 0.024572
-0.002981 -0.000734 1.78E-05
2.40E-06
5 0.000152 0.024576
-0.003013 -0.000734 1.21E-05
2.10E-06
6 0.000152 0.024577
-0.003019 -0.000734 8.24E-06
1.96E-06
7 0.000152 0.024578
-0.003023 -0.000734 3.43E-06
1.79E-06
8 0.000152 0.024579
-0.003023 -0.000734 -5.10E-07
1.64E-06

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
9 0.000152 0.024581
-0.003011 -0.000734 -5.68E-06
1.32E-06
10 0.000152 0.024583
-0.003002 -0.000734 -5.71E-06
1.31E-06
11 0.000152 0.024585
-0.002993 -0.000734 -5.62E-06
1.31E-06
12 0.000152 0.024585
-0.002993 -0.000734 -5.62E-06
1.31E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB05 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.024564
-0.002529 -0.000734 1.76E-05
2.40E-06
2 0.000150 0.024564
-0.002529 -0.000734 1.76E-05
2.40E-06
3 0.000150 0.024568
-0.002557 -0.000734 1.77E-05
2.40E-06
4 0.000150 0.024572
-0.002585 -0.000734 1.77E-05
2.40E-06
5 0.000150 0.024576
-0.002616 -0.000734 1.21E-05
2.10E-06
6 0.000150 0.024577
-0.002622 -0.000734 8.17E-06
1.96E-06
7 0.000150 0.024578
-0.002626 -0.000734 3.35E-06
1.79E-06
8 0.000150 0.024579
-0.002626 -0.000734 -5.86E-07
1.64E-06
9 0.000150 0.024581
-0.002614 -0.000734 -5.76E-06
1.32E-06
10 0.000150 0.024583
-0.002605 -0.000734 -5.78E-06
1.31E-06
11 0.000150 0.024585
-0.002596 -0.000734 -5.70E-06
1.31E-06
12 0.000150 0.024585
-0.002596 -0.000734 -5.70E-06
1.31E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB05 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.024564
-0.002529 -0.000734 1.76E-05
2.40E-06
2 0.000150 0.024564
-0.002529 -0.000734 1.76E-05
2.40E-06
3 0.000150 0.024568
-0.002557 -0.000734 1.77E-05
2.40E-06
4 0.000150 0.024572
-0.002585 -0.000734 1.77E-05
2.40E-06
5 0.000150 0.024576
-0.002616 -0.000734 1.21E-05
2.10E-06
6 0.000150 0.024577
-0.002622 -0.000734 8.17E-06
1.96E-06
7 0.000150 0.024578
-0.002626 -0.000734 3.35E-06
1.79E-06
8 0.000150 0.024579
-0.002626 -0.000734 -5.86E-07
1.64E-06
9 0.000150 0.024581
-0.002614 -0.000734 -5.76E-06
1.32E-06
10 0.000150 0.024583
-0.002605 -0.000734 -5.78E-06
1.31E-06
11 0.000150 0.024585
-0.002596 -0.000734 -5.70E-06
1.31E-06
12 0.000150 0.024585
-0.002596 -0.000734 -5.70E-06
1.31E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB06 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000152 0.016585
-0.002925 -0.000541 1.77E-05
-4.28E-15
2 0.000152 0.016585
-0.002925 -0.000541 1.77E-05
-4.28E-15
3 0.000152 0.016585
-0.002953 -0.000541 1.78E-05
-4.28E-15
4 0.000152 0.016585
-0.002981 -0.000541 1.78E-05
-4.29E-15
5 0.000152 0.016585
-0.003013 -0.000541 1.21E-05
-4.51E-15
6 0.000152 0.016585
-0.003019 -0.000541 8.24E-06
-4.55E-15
7 0.000152 0.016585
-0.003023 -0.000541 3.43E-06
-4.56E-15
8 0.000152 0.016585
-0.003023 -0.000541 -5.10E-07
-4.55E-15
9 0.000152 0.016585
-0.003011 -0.000541 -5.68E-06
-4.39E-15
10 0.000152 0.016585
-0.003002 -0.000541 -5.71E-06
-4.37E-15
11 0.000152 0.016585
-0.002993 -0.000541 -5.62E-06
-4.36E-15
12 0.000152 0.016585
-0.002993 -0.000541 -5.62E-06
-4.36E-15
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB06 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000152 0.016585
-0.002925 -0.000541 1.77E-05
-4.28E-15
2 0.000152 0.016585
-0.002925 -0.000541 1.77E-05
-4.28E-15
3 0.000152 0.016585
-0.002953 -0.000541 1.78E-05
-4.28E-15
4 0.000152 0.016585
-0.002981 -0.000541 1.78E-05
-4.29E-15
5 0.000152 0.016585
-0.003013 -0.000541 1.21E-05
-4.51E-15
6 0.000152 0.016585
-0.003019 -0.000541 8.24E-06
-4.55E-15
7 0.000152 0.016585
-0.003023 -0.000541 3.43E-06
-4.56E-15
8 0.000152 0.016585
-0.003023 -0.000541 -5.10E-07
-4.55E-15
9 0.000152 0.016585
-0.003011 -0.000541 -5.68E-06
-4.39E-15
10 0.000152 0.016585
-0.003002 -0.000541 -5.71E-06
-4.37E-15
11 0.000152 0.016585
-0.002993 -0.000541 -5.62E-06
-4.36E-15
12 0.000152 0.016585
-0.002993 -0.000541 -5.62E-06
-4.36E-15
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB07 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000152 1.42E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
2 0.000152 1.40E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
3 0.000152 3.49E-23
-0.002953 -2.87E-25 1.78E-05
-8.63E-22
4 0.000152 -1.33E-21
-0.002981 -2.68E-25 1.78E-05
-8.64E-22
5 0.000152 -2.26E-21
-0.003013 -1.08E-25 1.21E-05
-2.65E-22
6 0.000152 -2.36E-21
-0.003019 -3.71E-26 8.24E-06
-1.16E-22
7 0.000152 -2.37E-21
-0.003023 4.83E-26 3.43E-06
6.75E-23
8 0.000152 -2.30E-21

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY

-0.003023 1.19E-25 -5.10E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003011 2.68E-25 -5.68E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003002 2.87E-25 -5.71E-06
8.65E-22
11 0.000152 1.34E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
12 0.000152 1.35E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB07 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000152 1.42E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
2 0.000152 1.40E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
3 0.000152 3.49E-23
-0.002953 -2.87E-25 1.78E-05
-8.63E-22
4 0.000152 -1.33E-21
-0.002981 -2.68E-25 1.78E-05
-8.64E-22
5 0.000152 -2.26E-21
-0.003013 -1.08E-25 1.21E-05
-2.65E-22
6 0.000152 -2.36E-21
-0.003019 -3.71E-26 8.24E-06
-1.16E-22
7 0.000152 -2.37E-21
-0.003023 4.83E-26 3.43E-06
6.75E-23
8 0.000152 -2.30E-21
-0.003023 1.19E-25 -5.10E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003011 2.68E-25 -5.68E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003002 2.87E-25 -5.71E-06
8.65E-22
11 0.000152 1.34E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
12 0.000152 1.35E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB08 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.016585
-0.002529 -0.000541 1.76E-05
-4.28E-15
2 0.000150 0.016585
-0.002529 -0.000541 1.76E-05
-4.28E-15
3 0.000150 0.016585
-0.002557 -0.000541 1.77E-05
-4.28E-15
4 0.000150 0.016585
-0.002585 -0.000541 1.77E-05
-4.29E-15
5 0.000150 0.016585
-0.002616 -0.000541 1.21E-05
-4.51E-15
6 0.000150 0.016585
-0.002622 -0.000541 8.17E-06
-4.55E-15
7 0.000150 0.016585
-0.002626 -0.000541 3.35E-06
-4.56E-15
8 0.000150 0.016585
-0.002626 -0.000541 -5.86E-07
-4.55E-15
9 0.000150 0.016585
-0.002614 -0.000541 -5.76E-06
-4.39E-15
10 0.000150 0.016585
-0.002605 -0.000541 -5.78E-06
-4.37E-15
11 0.000150 0.016585
-0.002596 -0.000541 -5.70E-06
-4.36E-15
12 0.000150 0.016585
-0.002596 -0.000541 -5.70E-06
-4.36E-15
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB08 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.016585
-0.002529 -0.000541 1.76E-05
-4.28E-15
2 0.000150 0.016585
-0.002529 -0.000541 1.76E-05
-4.28E-15
3 0.000150 0.016585
-0.002557 -0.000541 1.77E-05
-4.28E-15
4 0.000150 0.016585
-0.002585 -0.000541 1.77E-05
-4.29E-15
5 0.000150 0.016585
-0.002616 -0.000541 1.21E-05
-4.51E-15
6 0.000150 0.016585
-0.002622 -0.000541 8.17E-06
-4.55E-15
7 0.000150 0.016585
-0.002626 -0.000541 3.35E-06
-4.56E-15
8 0.000150 0.016585
-0.002626 -0.000541 -5.86E-07
-4.55E-15
9 0.000150 0.016585
-0.002614 -0.000541 -5.76E-06
-4.39E-15
10 0.000150 0.016585
-0.002605 -0.000541 -5.78E-06
-4.37E-15
11 0.000150 0.016585
-0.002596 -0.000541 -5.70E-06
-4.36E-15
12 0.000150 0.016585
-0.002596 -0.000541 -5.70E-06
-4.36E-15

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB09 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 1.42E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
2 0.000150 1.40E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
3 0.000150 3.47E-23
-0.002557 -2.85E-25 1.77E-05
-8.63E-22
4 0.000150 -1.33E-21
-0.002585 -2.66E-25 1.77E-05
-8.64E-22
5 0.000150 -2.26E-21
-0.002616 -1.08E-25 1.21E-05
-2.65E-22
6 0.000150 -2.36E-21
-0.002622 -3.70E-26 8.17E-06
-1.16E-22
7 0.000150 -2.37E-21
-0.002626 4.81E-26 3.35E-06
6.76E-23
8 0.000150 -2.30E-21
-0.002626 1.19E-25 -5.86E-07
2.18E-22
9 0.000150 -1.41E-21
-0.002614 2.66E-25 -5.76E-06
8.66E-22
10 0.000150 -3.47E-23
-0.002605 2.85E-25 -5.78E-06
8.65E-22
11 0.000150 1.34E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
12 0.000150 1.35E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB09 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 1.42E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
2 0.000150 1.40E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
3 0.000150 3.47E-23
-0.002557 -2.85E-25 1.77E-05
-8.63E-22
4 0.000150 -1.33E-21
-0.002585 -2.66E-25 1.77E-05
-8.64E-22
5 0.000150 -2.26E-21
-0.002616 -1.08E-25 1.21E-05
-2.65E-22
6 0.000150 -2.36E-21
-0.002622 -3.70E-26 8.17E-06
-1.16E-22
7 0.000150 -2.37E-21
-0.002626 4.81E-26 3.35E-06
6.76E-23
8 0.000150 -2.30E-21
-0.002626 1.19E-25 -5.86E-07
2.18E-22
9 0.000150 -1.41E-21
-0.002614 2.66E-25 -5.76E-06
8.66E-22
10 0.000150 -3.47E-23
-0.002605 2.85E-25 -5.78E-06
8.65E-22
11 0.000150 1.34E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
12 0.000150 1.35E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB10 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.065713
-0.002529 -0.002009 1.76E-05
4.80E-06
2 0.000150 0.065713
-0.002529 -0.002009 1.76E-05
4.80E-06
3 0.000150 0.065721
-0.002557 -0.002009 1.77E-05
4.80E-06
4 0.000150 0.065729
-0.002585 -0.002009 1.77E-05
4.80E-06
5 0.000150 0.065736
-0.002616 -0.002009 1.21E-05
4.21E-06
6 0.000150 0.065738
-0.002622 -0.002009 8.17E-06
3.92E-06
7 0.000150 0.065741
-0.002626 -0.002009 3.35E-06
3.57E-06
8 0.000150 0.065742
-0.002626 -0.002009 -5.86E-07
3.28E-06
9 0.000150 0.065747
-0.002614 -0.002009 -5.76E-06
2.64E-06
10 0.000150 0.065751
-0.002605 -0.002010 -5.78E-06
2.63E-06
11 0.000150 0.065755
-0.002596 -0.002010 -5.70E-06
2.63E-06
12 0.000150 0.065755
-0.002596 -0.002010 -5.70E-06
2.63E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
9 0.000150 0.065747
-0.002614 -0.002009 -5.76E-06
2.64E-06
10 0.000150 0.065751
-0.002605 -0.002010 -5.78E-06
2.63E-06
11 0.000150 0.065755
-0.002596 -0.002010 -5.70E-06
2.63E-06
12 0.000150 0.065755
-0.002596 -0.002010 -5.70E-06
2.63E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB10 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.065713
-0.002529 -0.002009 1.76E-05
4.80E-06
2 0.000150 0.065713
-0.002529 -0.002009 1.76E-05
4.80E-06
3 0.000150 0.065721
-0.002557 -0.002009 1.77E-05
4.80E-06
4 0.000150 0.065729
-0.002585 -0.002009 1.77E-05
4.80E-06
5 0.000150 0.065736
-0.002616 -0.002009 1.21E-05
4.21E-06
6 0.000150 0.065738
-0.002622 -0.002009 8.17E-06
3.92E-06
7 0.000150 0.065741
-0.002626 -0.002009 3.35E-06
3.57E-06
8 0.000150 0.065742
-0.002626 -0.002009 -5.86E-07
3.28E-06
9 0.000150 0.065747
-0.002614 -0.002009 -5.76E-06
2.64E-06
10 0.000150 0.065751
-0.002605 -0.002010 -5.78E-06
2.63E-06
11 0.000150 0.065755
-0.002596 -0.002010 -5.70E-06
2.63E-06
12 0.000150 0.065755
-0.002596 -0.002010 -5.70E-06
2.63E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB11 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.049129
-0.002529 -0.001468 1.76E-05
4.80E-06
2 0.000150 0.049129
-0.002529 -0.001468 1.76E-05
4.80E-06
3 0.000150 0.049136
-0.002557 -0.001468 1.77E-05
4.80E-06
4 0.000150 0.049144
-0.002585 -0.001468 1.77E-05
4.80E-06
5 0.000150 0.049152
-0.002616 -0.001468 1.21E-05
4.21E-06
6 0.000150 0.049154
-0.002622 -0.001468 8.17E-06
3.92E-06
7 0.000150 0.049156
-0.002626 -0.001468 3.35E-06
3.57E-06
8 0.000150 0.049158
-0.002626 -0.001468 -5.86E-07
3.28E-06
9 0.000150 0.049162
-0.002614 -0.001468 -5.76E-06
2.64E-06

10	0.000150	0.049166	
-0.002605	-0.001468	-5.78E-06	
2.63E-06			
11	0.000150	0.049170	
-0.002596	-0.001468	-5.70E-06	
2.63E-06			
12	0.000150	0.049170	
-0.002596	-0.001468	-5.70E-06	
2.63E-06			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

COMB SVB11 ----------
MIN

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000150	0.049129	
-0.002529	-0.001468	1.76E-05	
4.80E-06			
2	0.000150	0.049129	
-0.002529	-0.001468	1.76E-05	
4.80E-06			
3	0.000150	0.049136	
-0.002557	-0.001468	1.77E-05	
4.80E-06			
4	0.000150	0.049144	
-0.002585	-0.001468	1.77E-05	
4.80E-06			

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	
UZ	RX	RY	RZ
5	0.000150	0.049152	
-0.002616	-0.001468	1.21E-05	
4.21E-06			
6	0.000150	0.049154	
-0.002622	-0.001468	8.17E-06	
3.92E-06			
7	0.000150	0.049156	
-0.002626	-0.001468	3.35E-06	
3.57E-06			
8	0.000150	0.049158	
-0.002626	-0.001468	-5.86E-07	
3.28E-06			
9	0.000150	0.049162	
-0.002614	-0.001468	-5.76E-06	
2.64E-06			
10	0.000150	0.049166	
-0.002605	-0.001468	-5.78E-06	
2.63E-06			
11	0.000150	0.049170	
-0.002596	-0.001468	-5.70E-06	
2.63E-06			
12	0.000150	0.049170	
-0.002596	-0.001468	-5.70E-06	
2.63E-06			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

COMB SVB12 ----------
MAX

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000152	0.041149	
-0.002925	-0.001275	1.77E-05	
2.40E-06			
2	0.000152	0.041149	
-0.002925	-0.001275	1.77E-05	
2.40E-06			
3	0.000152	0.041153	
-0.002953	-0.001275	1.78E-05	
2.40E-06			
4	0.000152	0.041157	
-0.002981	-0.001275	1.78E-05	
2.40E-06			
5	0.000152	0.041161	
-0.003013	-0.001275	1.21E-05	
2.10E-06			
6	0.000152	0.041162	
-0.003019	-0.001275	8.24E-06	
1.96E-06			
7	0.000152	0.041163	
-0.003023	-0.001275	3.43E-06	
1.79E-06			
8	0.000152	0.041164	
-0.003023	-0.001275	-5.10E-07	
1.64E-06			
9	0.000152	0.041166	
-0.003011	-0.001275	-5.68E-06	
1.32E-06			
10	0.000152	0.041168	
-0.003002	-0.001275	-5.71E-06	
1.31E-06			
11	0.000152	0.041170	
-0.002993	-0.001275	-5.62E-06	
1.31E-06			
12	0.000152	0.041170	
-0.002993	-0.001275	-5.62E-06	
1.31E-06			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB13 ----------
MAX

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000152	0.024564	
-0.002925	-0.000734	1.77E-05	
2.40E-06			
2	0.000152	0.024564	
-0.002925	-0.000734	1.77E-05	
2.40E-06			
3	0.000152	0.024568	
-0.002953	-0.000734	1.78E-05	
2.40E-06			
4	0.000152	0.024572	
-0.002981	-0.000734	1.78E-05	
2.40E-06			
5	0.000152	0.024576	
-0.003013	-0.000734	1.21E-05	
2.10E-06			
6	0.000152	0.024577	
-0.003019	-0.000734	8.24E-06	
1.96E-06			
7	0.000152	0.024578	
-0.003023	-0.000734	3.43E-06	
1.79E-06			
8	0.000152	0.024579	
-0.003023	-0.000734	-5.10E-07	
1.64E-06			
9	0.000152	0.024581	
-0.003011	-0.000734	-5.68E-06	
1.32E-06			
10	0.000152	0.024583	
-0.003002	-0.000734	-5.71E-06	
1.31E-06			
11	0.000152	0.024585	
-0.002993	-0.000734	-5.62E-06	
1.31E-06			
12	0.000152	0.024585	
-0.002993	-0.000734	-5.62E-06	
1.31E-06			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

COMB SVB13 ----------
MIN

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000152	0.024564	
-0.002925	-0.000734	1.77E-05	
2.40E-06			
2	0.000152	0.024564	
-0.002925	-0.000734	1.77E-05	
2.40E-06			
3	0.000152	0.024568	
-0.002953	-0.000734	1.78E-05	
2.40E-06			
4	0.000152	0.024572	
-0.002981	-0.000734	1.78E-05	
2.40E-06			
5	0.000152	0.024576	
-0.003013	-0.000734	1.21E-05	
2.10E-06			
6	0.000152	0.024577	
-0.003019	-0.000734	8.24E-06	
1.96E-06			
7	0.000152	0.024578	
-0.003023	-0.000734	3.43E-06	
1.79E-06			
8	0.000152	0.024579	
-0.003023	-0.000734	-5.10E-07	
1.64E-06			
9	0.000152	0.024581	
-0.003011	-0.000734	-5.68E-06	
1.32E-06			
10	0.000152	0.024583	
-0.003002	-0.000734	-5.71E-06	
1.31E-06			
11	0.000152	0.024585	
-0.002993	-0.000734	-5.62E-06	
1.31E-06			
12	0.000152	0.024585	
-0.002993	-0.000734	-5.62E-06	
1.31E-06			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

COMB SVB14 ----------
MAX

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000150	0.041149	
-0.002529	-0.001275	1.76E-05	
2.40E-06			
2	0.000150	0.041149	
-0.002529	-0.001275	1.76E-05	
2.40E-06			
3	0.000150	0.041153	
-0.002557	-0.001275	1.77E-05	
2.40E-06			
4	0.000150	0.041157	
-0.002585	-0.001275	1.77E-05	
2.40E-06			
5	0.000150	0.041161	
-0.002616	-0.001275	1.21E-05	
2.10E-06			
6	0.000150	0.041162	
-0.002622	-0.001275	8.17E-06	
1.96E-06			
7	0.000150	0.041163	
-0.002626	-0.001275	3.35E-06	
1.79E-06			
8	0.000150	0.041164	
-0.002626	-0.001275	-5.86E-07	
1.64E-06			
9	0.000150	0.041166	
-0.002614	-0.001275	-5.76E-06	
1.32E-06			
10	0.000150	0.041168	
-0.002605	-0.001275	-5.78E-06	
1.31E-06			
11	0.000150	0.041170	
-0.002596	-0.001275	-5.70E-06	
1.31E-06			
12	0.000150	0.041170	
-0.002596	-0.001275	-5.70E-06	
1.31E-06			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB14 ----------
MIN

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000150	0.041149	
-0.002529	-0.001275	1.76E-05	
2.40E-06			
2	0.000150	0.041149	
-0.002529	-0.001275	1.76E-05	
2.40E-06			
3	0.000150	0.041153	
-0.002557	-0.001275	1.77E-05	
2.40E-06			
4	0.000150	0.041157	
-0.002585	-0.001275	1.77E-05	
2.40E-06			
5	0.000150	0.041161	
-0.002616	-0.001275	1.21E-05	
2.10E-06			
6	0.000150	0.041162	
-0.002622	-0.001275	8.17E-06	
1.96E-06			
7	0.000150	0.041163	
-0.002626	-0.001275	3.35E-06	
1.79E-06			
8	0.000150	0.041164	
-0.002626	-0.001275	-5.86E-07	
1.64E-06			
9	0.000150	0.041166	
-0.002614	-0.001275	-5.76E-06	
1.32E-06			
10	0.000150	0.041168	
-0.002605	-0.001275	-5.78E-06	
1.31E-06			
11	0.000150	0.041170	
-0.002596	-0.001275	-5.70E-06	
1.31E-06			
12	0.000150	0.041170	
-0.002596	-0.001275	-5.70E-06	
1.31E-06			
13	.000000	.000000	
.000000	.000000	.000000	
.000000			
14	.000000	.000000	
.000000	.000000	.000000	
.000000			

COMB SVB15 ----------
MAX

JOINT	UX	UY	
UZ	RX	RY	RZ
1	0.000150	0.024564	
-0.002529	-0.000734	1.76E-05	
2.40E-06			
2	0.000150	0.024564	
-0.002529	-0.000734	1.76E-05	
2.40E-06			
3	0.000150	0.024568	
-0.002557	-0.000734	1.77E-05	
2.40E-06			
4	0.000150	0.024572	
-0.002585	-0.000734	1.77E-05	
2.40E-06			
5	0.000150	0.024576	
-0.002616	-0.000734	1.21E-05	
2.10E-06			
6	0.000150	0.024577	
-0.002622	-0.000734	8.17E-06	
1.96E-06			
7	0.000150	0.024578	
-0.002626	-0.000734	3.35E-06	
1.79E-06			
8	0.000150	0.024579	
-0.002626	-0.000734	-5.86E-07	
1.64E-06			
9	0.000150	0.024581	
-0.002614	-0.000734	-5.76E-06	
1.32E-06			
10	0.000150	0.024583	
-0.002605	-0.000734	-5.78E-06	
1.31E-06			
11	0.000150	0.024585	
-0.002596	-0.000734	-5.70E-06	

1.31E-06

12	0.000150	0.024585	-0.002596	-0.000734	-5.70E-06
1.31E-06					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB SVB15 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	0.024564	-0.002529	-0.000734	1.76E-05	
2.40E-06						
2	0.000150	0.024564	-0.002529	-0.000734	1.76E-05	
2.40E-06						
3	0.000150	0.024568	-0.002557	-0.000734	1.77E-05	
2.40E-06						
4	0.000150	0.024572	-0.002585	-0.000734	1.77E-05	
2.40E-06						
5	0.000150	0.024576	-0.002616	-0.000734	1.21E-05	
2.10E-06						
6	0.000150	0.024577	-0.002622	-0.000734	8.17E-06	
1.96E-06						
7	0.000150	0.024578	-0.002626	-0.000734	3.35E-06	
1.79E-06						
8	0.000150	0.024579	-0.002626	-0.000734	-5.86E-07	
1.64E-06						

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.000150	0.024581	-0.002614	-0.000734	-5.76E-06	
1.32E-06						
10	0.000150	0.024583	-0.002605	-0.000734	-5.78E-06	
1.31E-06						
11	0.000150	0.024585	-0.002596	-0.000734	-5.70E-06	
1.31E-06						
12	0.000150	0.024585	-0.002596	-0.000734	-5.70E-06	
1.31E-06						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB ULB01 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000199	1.84E-21	-0.004139	-3.74E-25	2.31E-05	
-1.12E-21						
2	0.000199	1.82E-21	-0.004140	-3.74E-25	2.31E-05	
-1.12E-21						
3	0.000199	4.55E-23	-0.004176	-3.74E-25	2.32E-05	
-1.12E-21						
4	0.000199	-1.73E-21	-0.004213	-3.49E-25	2.32E-05	
-1.12E-21						
5	0.000199	-2.94E-21	-0.004254	-1.41E-25	1.58E-05	
-3.44E-22						
6	0.000199	-3.06E-21	-0.004262	-4.84E-26	1.08E-05	
-1.51E-22						
7	0.000199	-3.08E-21	-0.004267	6.29E-26	4.52E-06	
8.77E-23						
8	0.000199	-2.99E-21	-0.004267	1.56E-25	-5.99E-07	
2.83E-22						
9	0.000199	-1.83E-21	-0.004251	3.49E-25	-7.32E-06	
1.13E-21						
10	0.000199	-4.55E-23	-0.004240	3.74E-25	-7.36E-06	
1.12E-21						
11	0.000199	1.74E-21	-0.004228	3.74E-25	-7.25E-06	
1.12E-21						
12	0.000199	1.75E-21	-0.004228	3.74E-25	-7.25E-06	
1.12E-21						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB ULB02 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	1.84E-21	-0.003287	-3.71E-25	2.29E-05	
-1.12E-21						
2	0.000195	1.82E-21	-0.003288	-3.71E-25	2.29E-05	
-1.12E-21						
3	0.000195	4.51E-23	-0.003324	-3.71E-25	2.30E-05	
-1.12E-21						
4	0.000195	-1.73E-21	-0.003360	-3.46E-25	2.30E-05	
-1.12E-21						

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
5	0.000195	-2.94E-21	-0.003401	-1.40E-25	1.57E-05	
-3.44E-22						
6	0.000195	-3.06E-21	-0.003409	-4.81E-26	1.06E-05	
-1.51E-22						
7	0.000195	-3.08E-21	-0.003414	6.25E-26	4.36E-06	
8.79E-23						
8	0.000195	-2.99E-21	-0.003414	1.55E-25	-7.62E-07	
2.83E-22						
9	0.000195	-1.83E-21	-0.003398	3.46E-25	-7.48E-06	
1.13E-21						
10	0.000195	-4.51E-23	-0.003386	3.71E-25	-7.52E-06	
1.12E-21						
11	0.000195	1.74E-21	-0.003374	3.71E-25	-7.41E-06	
1.12E-21						
12	0.000195	1.75E-21	-0.003374	3.71E-25	-7.41E-06	
1.12E-21						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB ULB02 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	1.84E-21	-0.003287	-3.71E-25	2.29E-05	
-1.12E-21						
2	0.000195	1.82E-21	-0.003288	-3.71E-25	2.29E-05	
-1.12E-21						
3	0.000195	4.51E-23	-0.003324	-3.71E-25	2.30E-05	
-1.12E-21						
4	0.000195	-1.73E-21	-0.003360	-3.46E-25	2.30E-05	
-1.12E-21						
5	0.000195	-2.94E-21	-0.003401	-1.40E-25	1.57E-05	
-3.44E-22						
6	0.000195	-3.06E-21	-0.003409	-4.81E-26	1.06E-05	
-1.51E-22						
7	0.000195	-3.08E-21	-0.003414	6.25E-26	4.36E-06	
8.79E-23						
8	0.000195	-2.99E-21	-0.003414	1.55E-25	-7.62E-07	
2.83E-22						
9	0.000195	-1.83E-21	-0.003398	3.46E-25	-7.48E-06	
1.13E-21						
10	0.000195	-4.51E-23	-0.003386	3.71E-25	-7.52E-06	
1.12E-21						
11	0.000195	1.74E-21	-0.003374	3.71E-25	-7.41E-06	
1.12E-21						
12	0.000195	1.75E-21	-0.003374	3.71E-25	-7.41E-06	
1.12E-21						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB ULB03 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	0.063867	-0.003287	-0.001908	2.29E-05	
6.24E-06						
2	0.000195	0.063867	-0.003288	-0.001908	2.29E-05	
6.24E-06						
3	0.000195	0.063877	-0.003324	-0.001908	2.30E-05	
6.24E-06						
4	0.000195	0.063887	-0.003360	-0.001908	2.30E-05	
6.24E-06						
5	0.000195	0.063897	-0.003401	-0.001908	1.57E-05	
5.47E-06						
6	0.000195	0.063900	-0.003409	-0.001908	1.06E-05	
5.10E-06						
7	0.000195	0.063903	-0.003414	-0.001909	4.36E-06	
4.64E-06						
8	0.000195	0.063905	-0.003414	-0.001909	-7.62E-07	
4.26E-06						
9	0.000195	0.063911	-0.003398	-0.001909	-7.48E-06	
3.43E-06						
10	0.000195	0.063916	-0.003386	-0.001909	-7.52E-06	
3.41E-06						
11	0.000195	0.063921	-0.003374	-0.001909	-7.41E-06	
3.42E-06						
12	0.000195	0.063922	-0.003374	-0.001909	-7.41E-06	
3.42E-06						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB ULB03 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	0.063867	-0.003287	-0.001908	2.29E-05	
6.24E-06						
2	0.000195	0.063867	-0.003288	-0.001908	2.29E-05	
6.24E-06						
3	0.000195	0.063877	-0.003324	-0.001908	2.30E-05	
6.24E-06						
4	0.000195	0.063887	-0.003360	-0.001908	2.30E-05	
6.24E-06						
5	0.000195	0.063897	-0.003401	-0.001908	1.57E-05	
5.47E-06						
6	0.000195	0.063900	-0.003409	-0.001908	1.06E-05	
5.10E-06						
7	0.000195	0.063903	-0.003414	-0.001909	4.36E-06	
4.64E-06						
8	0.000195	0.063905	-0.003414	-0.001909	-7.62E-07	
4.26E-06						
9	0.000195	0.063911	-0.003398	-0.001909	-7.48E-06	
3.43E-06						
10	0.000195	0.063916	-0.003386	-0.001909	-7.52E-06	
3.41E-06						
11	0.000195	0.063921	-0.003374	-0.001909	-7.41E-06	
3.42E-06						
12	0.000195	0.063922	-0.003374	-0.001909	-7.41E-06	
3.42E-06						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB ULB04 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000198	0.031934	-0.003802	-0.000954	2.30E-05	
3.12E-06						
2	0.000198	0.031934	-0.003803	-0.000954	2.30E-05	
3.12E-06						
3	0.000198	0.031939	-0.003839	-0.000954	2.31E-05	
3.12E-06						
4	0.000198	0.031944	-0.003876	-0.000954	2.31E-05	
3.12E-06						
5	0.000198	0.031948	-0.003917	-0.000954	1.58E-05	
2.73E-06						
6	0.000198	0.031950	-0.003925	-0.000954	1.07E-05	
2.55E-06						
7	0.000198	0.031951	-0.003929	-0.000954	4.46E-06	
2.32E-06						
8	0.000198	0.031952	-0.003929	-0.000954	-6.63E-07	
2.13E-06						
9	0.000197	0.031955	-0.003914	-0.000954	-7.38E-06	
1.71E-06						
10	0.000197	0.031958	-0.003902	-0.000954	-7.42E-06	
1.71E-06						
11	0.000197	0.031961	-0.003891	-0.000954	-7.31E-06	
1.71E-06						
12	0.000197	0.031961	-0.003890	-0.000954	-7.31E-06	
1.71E-06						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULB03 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	0.063867	-0.003287	-0.001908	2.29E-05	
6.24E-06						
2	0.000195	0.063867	-0.003288	-0.001908	2.29E-05	
6.24E-06						
3	0.000195	0.063877	-0.003324	-0.001908	2.30E-05	
6.24E-06						
4	0.000195	0.063887	-0.003360	-0.001908	2.30E-05	
6.24E-06						
5	0.000195	0.063897	-0.003401	-0.001908	1.57E-05	
5.47E-06						
6	0.000195	0.063900	-0.003409	-0.001908	1.06E-05	
5.10E-06						
7	0.000195	0.063903	-0.003414	-0.001909	4.36E-06	
4.64E-06						
8	0.000195	0.063905	-0.003414	-0.001909	-7.62E-07	
4.26E-06						
9	0.000195	0.063911	-0.003398	-0.001909	-7.48E-06	
3.43E-06						
10	0.000195	0.063916	-0.003386	-0.001909	-7.52E-06	
3.41E-06						
11	0.000195	0.063921	-0.003374	-0.001909	-7.41E-06	
3.42E-06						
12	0.000195	0.063922	-0.003374	-0.001909	-7.41E-06	
3.42E-06						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB ULB04 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000198	0.031934	-0.003802	-0.000954	2.30E-05	
3.12E-06						
2	0.000198	0.031934	-0.003803	-0.000954	2.30E-05	
3.12E-06						
3	0.000198	0.031939	-0.003839	-0.000954	2.31E-05	
3.12E-06						
4	0.000198	0.031944	-0.003876	-0.000954	2.31E-05	
3.12E-06						
5	0.000198	0.031948	-0.003917	-0.000954	1.58E-05	
2.73E-06						
6	0.000198	0.031950	-0.003925	-0.000954	1.07E-05	
2.55E-06						
7	0.000198	0.031951	-0.003929	-0.000954	4.46E-06	
2.32E-06						
8	0.000198	0.031952	-0.003929	-0.000954	-6.63E-07	
2.13E-06						
9	0.000197	0.031955	-0.003914	-0.000954	-7.38E-06	
1.71E-06						
10	0.000197	0.031958	-0.003902	-0.000954	-7.42E-06	
1.71E-06						
11	0.000197	0.031961	-0.003891	-0.000954	-7.31E-06	
1.71E-06						
12	0.000197	0.031961	-0.003890	-0.000954	-7.31E-06	
1.71E-06						
13	.000000	.000000	.000000	.000000	.000000	

.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000		

COMB ULB04 ---------- MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000198	0.031934	-0.003802	-0.000954	2.30E-05
3.12E-06					
2	0.000198	0.031934	-0.003803	-0.000954	2.30E-05
3.12E-06					
3	0.000198	0.031939	-0.003839	-0.000954	2.31E-05
3.12E-06					
4	0.000198	0.031944	-0.003876	-0.000954	2.31E-05
3.12E-06					
5	0.000198	0.031948	-0.003917	-0.000954	1.58E-05
2.73E-06					
6	0.000198	0.031950	-0.003925	-0.000954	1.07E-05
2.55E-06					
7	0.000198	0.031951	-0.003929	-0.000954	4.46E-06
2.32E-06					
8	0.000198	0.031952	-0.003929	-0.000954	-6.63E-07
2.13E-06					
9	0.000197	0.031955	-0.003914	-0.000954	-7.38E-06
1.71E-06					
10	0.000197	0.031958	-0.003902	-0.000954	-7.42E-06
1.71E-06					
11	0.000197	0.031961	-0.003891	-0.000954	-7.31E-06
1.71E-06					
12	0.000197	0.031961	-0.003890	-0.000954	-7.31E-06
1.71E-06					

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY			
UZ	RX	RY	RZ		
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ULB05 ---------- MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000195	0.031934	-0.003287	-0.000954	2.29E-05
3.12E-06					
2	0.000195	0.031934	-0.003288	-0.000954	2.29E-05
3.12E-06					
3	0.000195	0.031939	-0.003324	-0.000954	2.30E-05
3.12E-06					
4	0.000195	0.031944	-0.003360	-0.000954	2.30E-05
3.12E-06					
5	0.000195	0.031948	-0.003401	-0.000954	1.57E-05
2.73E-06					
6	0.000195	0.031950	-0.003409	-0.000954	1.06E-05
2.55E-06					
7	0.000195	0.031951	-0.003414	-0.000954	4.36E-06
2.32E-06					
8	0.000195	0.031952	-0.003414	-0.000954	-7.62E-07
2.13E-06					
9	0.000195	0.031955	-0.003398	-0.000954	-7.48E-06
1.71E-06					
10	0.000195	0.031958	-0.003386	-0.000954	-7.52E-06
1.71E-06					
11	0.000195	0.031961	-0.003374	-0.000954	-7.41E-06
1.71E-06					
12	0.000195	0.031961	-0.003374	-0.000954	-7.41E-06
1.71E-06					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ULB06 ---------- MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000198	0.021560	-0.003802	-0.000704	2.30E-05
-5.56E-15					
2	0.000198	0.021560	-0.003803	-0.000704	2.30E-05
-5.56E-15					
3	0.000198	0.021560	-0.003839	-0.000704	2.31E-05
-5.56E-15					
4	0.000198	0.021560	-0.003876	-0.000704	2.31E-05
-5.57E-15					
5	0.000198	0.021560	-0.003917	-0.000704	1.58E-05
-5.86E-15					
6	0.000198	0.021560	-0.003925	-0.000704	1.07E-05
-5.91E-15					
7	0.000198	0.021560	-0.003929	-0.000704	4.46E-06
-5.93E-15					
8	0.000198	0.021560	-0.003929	-0.000704	-6.63E-07
-5.91E-15					

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY			
UZ	RX	RY	RZ		
9	0.000197	0.021560	-0.003914	-0.000704	-7.38E-06
-5.71E-15					
10	0.000197	0.021560	-0.003902	-0.000704	-7.42E-06
-5.68E-15					
11	0.000197	0.021560	-0.003891	-0.000704	-7.31E-06
-5.67E-15					
12	0.000197	0.021560	-0.003890	-0.000704	-7.31E-06
-5.67E-15					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ULB07 ---------- MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000198	1.84E-21	-0.003802	-3.73E-25	2.30E-05
-1.12E-21					
2	0.000198	1.82E-21	-0.003803	-3.73E-25	2.30E-05
-1.12E-21					
3	0.000198	4.53E-23	-0.003839	-3.73E-25	2.31E-05
-1.12E-21					
4	0.000198	-1.73E-21	-0.003876	-3.48E-25	2.31E-05
-1.12E-21					
5	0.000198	-2.94E-21	-0.003917	-1.41E-25	1.58E-05
-3.44E-22					
6	0.000198	-3.06E-21	-0.003925	-4.83E-26	1.07E-05
-1.51E-22					
7	0.000198	-3.08E-21	-0.003929	6.27E-26	4.46E-06
8.78E-23					
8	0.000198	-2.99E-21	-0.003929	1.55E-25	-6.63E-07
2.83E-22					
9	0.000197	-1.83E-21	-0.003914	3.48E-25	-7.38E-06
1.13E-21					
10	0.000197	-4.53E-23	-0.003902	3.73E-25	-7.42E-06
1.12E-21					
11	0.000197	1.74E-21	-0.003891	3.73E-25	-7.31E-06
1.12E-21					
12	0.000197	1.75E-21	-0.003890	3.73E-25	-7.31E-06
1.12E-21					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ULB07 ---------- MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000198	1.84E-21	-0.003802	-3.73E-25	2.30E-05
-1.12E-21					
2	0.000198	1.82E-21	-0.003803	-3.73E-25	2.30E-05
-1.12E-21					
3	0.000198	4.53E-23	-0.003839	-3.73E-25	2.31E-05
-1.12E-21					
4	0.000198	-1.73E-21	-0.003876	-3.48E-25	2.31E-05
-1.12E-21					

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY			
UZ	RX	RY	RZ		
5	0.000198	-2.94E-21	-0.003917	-1.41E-25	1.58E-05
-3.44E-22					
6	0.000198	-3.06E-21	-0.003925	-4.83E-26	1.07E-05
-1.51E-22					
7	0.000198	-3.08E-21	-0.003929	6.27E-26	4.46E-06
8.78E-23					
8	0.000198	-2.99E-21	-0.003929	1.55E-25	-6.63E-07
2.83E-22					
9	0.000197	-1.83E-21	-0.003914	3.48E-25	-7.38E-06
1.13E-21					
10	0.000197	-4.53E-23	-0.003902	3.73E-25	-7.42E-06
1.12E-21					
11	0.000197	1.74E-21	-0.003891	3.73E-25	-7.31E-06
1.12E-21					
12	0.000197	1.75E-21	-0.003890	3.73E-25	-7.31E-06
1.12E-21					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ULB08 ---------- MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000195	0.021560	-0.003287	-0.000704	2.29E-05
-5.56E-15					
2	0.000195	0.021560	-0.003288	-0.000704	2.29E-05
-5.56E-15					
3	0.000195	0.021560	-0.003324	-0.000704	2.30E-05
-5.56E-15					
4	0.000195	0.021560	-0.003360	-0.000704	2.30E-05
-5.57E-15					
5	0.000195	0.021560	-0.003401	-0.000704	1.57E-05
-5.86E-15					
6	0.000195	0.021560	-0.003409	-0.000704	1.06E-05
-5.91E-15					
7	0.000195	0.021560	-0.003414	-0.000704	4.36E-06
-5.93E-15					
8	0.000195	0.021560	-0.003414	-0.000704	-7.62E-07
-5.91E-15					
9	0.000195	0.021560	-0.003398	-0.000704	-7.48E-06
-5.71E-15					
10	0.000195	0.021560	-0.003386	-0.000704	-7.52E-06
-5.68E-15					
11	0.000195	0.021560	-0.003374	-0.000704	-7.41E-06
-5.67E-15					
12	0.000195	0.021560	-0.003374	-0.000704	-7.41E-06
-5.67E-15					
13	.000000	.000000	.000000	.000000	.000000
.000000					

14	.000000	.000000	.000000	.000000	.000000

COMB ULB08 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	0.021560	-0.003287	-0.000704	2.29E-05	-5.56E-15
2	0.000195	0.021560	-0.003288	-0.000704	2.29E-05	-5.56E-15
3	0.000195	0.021560	-0.003324	-0.000704	2.30E-05	-5.56E-15
4	0.000195	0.021560	-0.003360	-0.000704	2.30E-05	-5.57E-15
5	0.000195	0.021560	-0.003401	-0.000704	1.57E-05	-5.86E-15
6	0.000195	0.021560	-0.003409	-0.000704	1.06E-05	-5.91E-15
7	0.000195	0.021560	-0.003414	-0.000704	4.36E-06	-5.93E-15
8	0.000195	0.021560	-0.003414	-0.000704	-7.62E-07	-5.91E-15
9	0.000195	0.021560	-0.003398	-0.000704	-7.48E-06	-5.71E-15
10	0.000195	0.021560	-0.003386	-0.000704	-7.52E-06	-5.68E-15
11	0.000195	0.021560	-0.003374	-0.000704	-7.41E-06	-5.67E-15
12	0.000195	0.021560	-0.003374	-0.000704	-7.41E-06	-5.67E-15
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULB09 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	1.84E-21	-0.003287	-3.71E-25	2.29E-05	-1.12E-21
2	0.000195	1.82E-21	-0.003288	-3.71E-25	2.29E-05	-1.12E-21
3	0.000195	4.51E-23	-0.003324	-3.71E-25	2.30E-05	-1.12E-21
4	0.000195	-1.73E-21	-0.003360	-3.46E-25	2.30E-05	-1.12E-21
5	0.000195	-2.94E-21	-0.003401	-1.40E-25	1.57E-05	-3.44E-22
6	0.000195	-3.06E-21	-0.003409	-4.81E-26	1.06E-05	-1.51E-22
7	0.000195	-3.08E-21	-0.003414	6.25E-26	4.36E-06	8.79E-23
8	0.000195	-2.99E-21	-0.003414	1.55E-25	-7.62E-07	2.83E-22
9	0.000195	-1.83E-21	-0.003398	3.46E-25	-7.48E-06	1.13E-21
10	0.000195	-4.51E-23	-0.003386	3.71E-25	-7.52E-06	1.12E-21
11	0.000195	1.74E-21	-0.003374	3.71E-25	-7.41E-06	1.12E-21
12	0.000195	1.75E-21	-0.003374	3.71E-25	-7.41E-06	1.12E-21
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB10 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000188	0.082142	-0.003161	-0.002512	2.20E-05	6.00E-06
2	0.000188	0.082142	-0.003161	-0.002512	2.20E-05	6.00E-06
3	0.000188	0.082151	-0.003196	-0.002512	2.21E-05	6.00E-06
4	0.000188	0.082161	-0.003231	-0.002512	2.21E-05	6.00E-06
5	0.000188	0.082170	-0.003270	-0.002512	1.51E-05	5.26E-06
6	0.000188	0.082173	-0.003278	-0.002512	1.02E-05	4.90E-06
7	0.000188	0.082176	-0.003282	-0.002512	4.19E-06	4.46E-06
8	0.000188	0.082178	-0.003282	-0.002512	-7.32E-07	4.10E-06
9	0.000188	0.082184	-0.003267	-0.002512	-7.19E-06	3.30E-06
10	0.000187	0.082189	-0.003256	-0.002512	-7.23E-06	3.28E-06
11	0.000187	0.082194	-0.003245	-0.002512	-7.12E-06	3.29E-06
12	0.000187	0.082194	-0.003244	-0.002512	-7.12E-06	3.29E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB10 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000188	0.082142	-0.003161	-0.002512	2.20E-05	6.00E-06
2	0.000188	0.082142	-0.003161	-0.002512	2.20E-05	6.00E-06
3	0.000188	0.082151	-0.003196	-0.002512	2.21E-05	6.00E-06
4	0.000188	0.082161	-0.003231	-0.002512	2.21E-05	6.00E-06
5	0.000188	0.082170	-0.003270	-0.002512	1.51E-05	5.26E-06
6	0.000188	0.082173	-0.003278	-0.002512	1.02E-05	4.90E-06
7	0.000188	0.082176	-0.003282	-0.002512	4.19E-06	4.46E-06
8	0.000188	0.082178	-0.003282	-0.002512	-7.32E-07	4.10E-06
9	0.000188	0.082184	-0.003267	-0.002512	-7.19E-06	3.30E-06
10	0.000187	0.082189	-0.003256	-0.002512	-7.23E-06	3.28E-06
11	0.000187	0.082194	-0.003245	-0.002512	-7.12E-06	3.29E-06
12	0.000187	0.082194	-0.003244	-0.002512	-7.12E-06	3.29E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB11 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000188	0.061411	-0.003161	-0.001835	2.20E-05	6.00E-06
2	0.000188	0.061411	-0.003161	-0.001835	2.20E-05	6.00E-06
3	0.000188	0.061420	-0.003196	-0.001835	2.21E-05	6.00E-06
4	0.000188	0.061430	-0.003231	-0.001835	2.21E-05	6.00E-06
5	0.000188	0.061439	-0.003270	-0.001835	1.51E-05	5.26E-06
6	0.000188	0.061442	-0.003278	-0.001835	1.02E-05	4.90E-06
7	0.000188	0.061445	-0.003282	-0.001835	4.19E-06	4.46E-06
8	0.000188	0.061447	-0.003282	-0.001835	-7.32E-07	4.10E-06

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.000188	0.061453	-0.003267	-0.001835	-7.19E-06	3.30E-06
10	0.000187	0.061458	-0.003256	-0.001835	-7.23E-06	3.28E-06
11	0.000187	0.061463	-0.003245	-0.001835	-7.12E-06	3.29E-06
12	0.000187	0.061463	-0.003244	-0.001835	-7.12E-06	3.29E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB12 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000190	0.051436	-0.003656	-0.001594	2.21E-05	3.00E-06
2	0.000190	0.051436	-0.003656	-0.001594	2.21E-05	3.00E-06
3	0.000190	0.051441	-0.003692	-0.001594	2.22E-05	3.00E-06
4	0.000190	0.051446	-0.003727	-0.001594	2.22E-05	3.00E-06
5	0.000190	0.051451	-0.003766	-0.001594	1.52E-05	2.63E-06
6	0.000190	0.051452	-0.003774	-0.001594	1.03E-05	2.45E-06
7	0.000190	0.051453	-0.003778	-0.001594	4.29E-06	2.23E-06
8	0.000190	0.051455	-0.003778	-0.001594	-6.38E-07	2.05E-06
9	0.000190	0.051457	-0.003764	-0.001594	-7.10E-06	1.65E-06
10	0.000190	0.051460	-0.003752	-0.001594	-7.13E-06	1.64E-06
11	0.000190	0.051463	-0.003741	-0.001594	-7.03E-06	1.64E-06
12	0.000190	0.051463	-0.003741	-0.001594	-7.03E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB12 ----------

MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000190	0.051436	-0.003656	-0.001594	2.21E-05	3.00E-06
2	0.000190	0.051436	-0.003656	-0.001594	2.21E-05	3.00E-06
3	0.000190	0.051441	-0.003692	-0.001594	2.22E-05	3.00E-06
4	0.000190	0.051446	-0.003727	-0.001594	2.22E-05	3.00E-06
5	0.000190	0.051451	-0.003766	-0.001594	1.52E-05	2.63E-06
6	0.000190	0.051452	-0.003774	-0.001594	1.03E-05	2.45E-06
7	0.000190	0.051453	-0.003778	-0.001594	4.29E-06	2.23E-06
8	0.000190	0.051455	-0.003778	-0.001594	-6.38E-07	2.05E-06
9	0.000190	0.051457	-0.003764	-0.001594	-7.10E-06	1.65E-06
10	0.000190	0.051460	-0.003752	-0.001594	-7.13E-06	1.64E-06
11	0.000190	0.051463	-0.003741	-0.001594	-7.03E-06	1.64E-06
12	0.000190	0.051463	-0.003741	-0.001594	-7.03E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB13 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000190	0.030705	-0.003656	-0.000917	2.21E-05	3.00E-06
2	0.000190	0.030705	-0.003656	-0.000917	2.21E-05	3.00E-06
3	0.000190	0.030710	-0.003692	-0.000917	2.22E-05	3.00E-06
4	0.000190	0.030715	-0.003727	-0.000917	2.22E-05	3.00E-06

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
5	0.000190	0.030720	-0.003766	-0.000918	1.52E-05	2.63E-06
6	0.000190	0.030721	-0.003774	-0.000918	1.03E-05	2.45E-06
7	0.000190	0.030722	-0.003778	-0.000918	4.29E-06	2.23E-06
8	0.000190	0.030723	-0.003778	-0.000918	-6.38E-07	2.05E-06
9	0.000190	0.030726	-0.003764	-0.000918	-7.10E-06	1.65E-06
10	0.000190	0.030729	-0.003752	-0.000918	-7.13E-06	1.64E-06
11	0.000190	0.030731	-0.003741	-0.000918	-7.03E-06	1.64E-06
12	0.000190	0.030732	-0.003741	-0.000918	-7.03E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB13 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000190	0.030705	-0.003656	-0.000917	2.21E-05	3.00E-06
2	0.000190	0.030705	-0.003656	-0.000917	2.21E-05	3.00E-06
3	0.000190	0.030710	-0.003692	-0.000917	2.22E-05	3.00E-06
4	0.000190	0.030715	-0.003727	-0.000917	2.22E-05	3.00E-06
5	0.000190	0.030720	-0.003766	-0.000918	1.52E-05	2.63E-06
6	0.000190	0.030721	-0.003774	-0.000918	1.03E-05	2.45E-06
7	0.000190	0.030722	-0.003778	-0.000918	4.29E-06	2.23E-06
8	0.000190	0.030723	-0.003778	-0.000918	-6.38E-07	2.05E-06
9	0.000190	0.030726	-0.003764	-0.000918	-7.10E-06	1.65E-06
10	0.000190	0.030729	-0.003752	-0.000918	-7.13E-06	1.64E-06
11	0.000190	0.030731	-0.003741	-0.000918	-7.03E-06	1.64E-06
12	0.000190	0.030732	-0.003741	-0.000918	-7.03E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB14 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000188	0.051436	-0.003161	-0.001594	2.20E-05	3.00E-06
2	0.000188	0.051436	-0.003161	-0.001594	2.20E-05	3.00E-06
3	0.000188	0.051441	-0.003196	-0.001594	2.21E-05	3.00E-06
4	0.000188	0.051446	-0.003231	-0.001594	2.21E-05	3.00E-06
5	0.000188	0.051451	-0.003270	-0.001594	1.51E-05	2.63E-06
6	0.000188	0.051452	-0.003278	-0.001594	1.02E-05	2.45E-06
7	0.000188	0.051453	-0.003282	-0.001594	4.19E-06	2.23E-06
8	0.000188	0.051455	-0.003282	-0.001594	-7.32E-07	2.05E-06
9	0.000188	0.051457	-0.003267	-0.001594	-7.19E-06	1.65E-06
10	0.000187	0.051460	-0.003256	-0.001594	-7.23E-06	1.64E-06
11	0.000187	0.051463	-0.003245	-0.001594	-7.12E-06	1.64E-06
12	0.000187	0.051463	-0.003244	-0.001594	-7.12E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULB14 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000188	0.051436	-0.003161	-0.001594	2.20E-05	3.00E-06
2	0.000188	0.051436	-0.003161	-0.001594	2.20E-05	3.00E-06
3	0.000188	0.051441	-0.003196	-0.001594	2.21E-05	3.00E-06
4	0.000188	0.051446	-0.003231	-0.001594	2.21E-05	3.00E-06
5	0.000188	0.051451	-0.003270	-0.001594	1.51E-05	2.63E-06
6	0.000188	0.051452	-0.003278	-0.001594	1.02E-05	2.45E-06
7	0.000188	0.051453	-0.003282	-0.001594	4.19E-06	2.23E-06
8	0.000188	0.051455	-0.003282	-0.001594	-7.32E-07	2.05E-06
9	0.000188	0.051457	-0.003267	-0.001594	-7.19E-06	1.65E-06
10	0.000187	0.051460	-0.003256	-0.001594	-7.23E-06	1.64E-06
11	0.000187	0.051463	-0.003245	-0.001594	-7.12E-06	1.64E-06
12	0.000187	0.051463	-0.003244	-0.001594	-7.12E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB15 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000188	0.030705	-0.003161	-0.000917	2.20E-05	3.00E-06
2	0.000188	0.030705	-0.003161	-0.000917	2.20E-05	3.00E-06
3	0.000188	0.030710	-0.003196	-0.000917	2.21E-05	3.00E-06
4	0.000188	0.030715	-0.003231	-0.000917	2.21E-05	3.00E-06
5	0.000188	0.030720	-0.003270	-0.000918	1.51E-05	2.63E-06
6	0.000188	0.030721	-0.003278	-0.000918	1.02E-05	2.45E-06
7	0.000188	0.030722	-0.003282	-0.000918	4.19E-06	2.23E-06
8	0.000188	0.030723	-0.003282	-0.000918	-7.32E-07	2.05E-06
9	0.000188	0.030726	-0.003267	-0.000918	-7.19E-06	1.65E-06
10	0.000187	0.030729	-0.003256	-0.000918	-7.23E-06	1.64E-06
11	0.000187	0.030731	-0.003245	-0.000918	-7.12E-06	1.64E-06
12	0.000187	0.030732	-0.003244	-0.000918	-7.12E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB15 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000188	0.030705	-0.003161	-0.000917	2.20E-05	3.00E-06
2	0.000188	0.030705	-0.003196	-0.000917	2.21E-05	3.00E-06
3	0.000188	0.030710	-0.003231	-0.000917	2.21E-05	3.00E-06
4	0.000188	0.030715	-0.003270	-0.000918	1.51E-05	2.63E-06
5	0.000188	0.030720	-0.003278	-0.000918	1.02E-05	2.45E-06
6	0.000188	0.030721	-0.003282	-0.000918	4.19E-06	2.23E-06
7	0.000188	0.030722	-0.003282	-0.000918	-7.32E-07	2.05E-06
8	0.000188	0.030723	-0.003267	-0.000918	-7.19E-06	1.65E-06
9	0.000188	0.030726	-0.003256	-0.000918	-7.23E-06	1.64E-06
10	0.000187	0.030729	-0.003245	-0.000918	-7.12E-06	1.64E-06
11	0.000187	0.030731	-0.003244	-0.000918	-7.12E-06	1.64E-06
12	0.000187	0.030732	-0.003244	-0.000918	-7.12E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB16 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05	-8.63E-22
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05	-8.64E-22
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05	-2.65E-22
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06	-1.16E-22
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06	6.76E-23
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07	2.18E-22
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06	8.66E-22
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06	8.65E-22
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB16 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	1.42E-21				

-0.002529	-2.85E-25	1.76E-05	-8.63E-22		
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05
-8.63E-22					
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05
-8.63E-22					
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05
-8.64E-22					
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05
-2.65E-22					
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06
-1.16E-22					
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06
6.76E-23					
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07
2.18E-22					
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06
8.66E-22					
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06
8.65E-22					
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB ULB17 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000198	1.84E-21	-0.003802	-3.73E-25	2.30E-05	-1.12E-21
2	0.000198	1.82E-21	-0.003803	-3.73E-25	2.30E-05	-1.12E-21
3	0.000198	4.53E-23	-0.003839	-3.73E-25	2.31E-05	-1.12E-21
4	0.000198	-1.73E-21	-0.003876	-3.48E-25	2.31E-05	-1.12E-21
5	0.000198	-2.94E-21	-0.003917	-1.41E-25	1.58E-05	-3.44E-22
6	0.000198	-3.06E-21	-0.003925	-4.83E-26	1.07E-05	-1.51E-22
7	0.000198	-3.08E-21	-0.003929	6.27E-26	4.46E-06	8.78E-23
8	0.000198	-2.99E-21	-0.003929	1.55E-25	-6.63E-07	2.83E-22

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.000197	-1.83E-21	-0.003914	3.48E-25	-7.38E-06	1.13E-21
10	0.000197	-4.53E-23	-0.003902	3.73E-25	-7.42E-06	1.12E-21
11	0.000197	1.74E-21	-0.003891	3.73E-25	-7.31E-06	1.12E-21
12	0.000197	1.75E-21	-0.003890	3.73E-25	-7.31E-06	1.12E-21
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB17 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000198	1.84E-21	-0.003802	-3.73E-25	2.30E-05	-1.12E-21
2	0.000198	1.82E-21	-0.003803	-3.73E-25	2.30E-05	-1.12E-21
3	0.000198	4.53E-23	-0.003839	-3.73E-25	2.31E-05	-1.12E-21
4	0.000198	-1.73E-21	-0.003876	-3.48E-25	2.31E-05	-1.12E-21
5	0.000198	-2.94E-21	-0.003917	-1.41E-25	1.58E-05	-3.44E-22
6	0.000198	-3.06E-21	-0.003925	-4.83E-26	1.07E-05	-1.51E-22
7	0.000197	-3.08E-21	-0.003929	6.27E-26	4.46E-06	8.78E-23
8	0.000197	-2.99E-21	-0.003929	1.55E-25	-6.63E-07	2.83E-22
9	0.000197	-1.83E-21	-0.003914	3.48E-25	-7.38E-06	1.13E-21
10	0.000197	-4.53E-23	-0.003902	3.73E-25	-7.42E-06	1.12E-21
11	0.000197	1.74E-21	-0.003891	3.73E-25	-7.31E-06	1.12E-21
12	0.000197	1.75E-21	-0.003890	3.73E-25	-7.31E-06	1.12E-21
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB18 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000180	0.058954	-0.003034	-0.001762	2.11E-05	5.76E-06
2	0.000180	0.058954	-0.003035	-0.001762	2.11E-05	5.76E-06
3	0.000180	0.058963	-0.003068	-0.001762	2.12E-05	5.76E-06
4	0.000180	0.058973	-0.003102	-0.001762	2.12E-05	5.76E-06
5	0.000180	0.058982	-0.003140	-0.001762	1.45E-05	5.05E-06
6	0.000180	0.058984	-0.003147	-0.001762	9.80E-06	4.71E-06
7	0.000180	0.058987	-0.003151	-0.001762	4.02E-06	4.28E-06
8	0.000180	0.058989	-0.003151	-0.001762	-7.03E-07	3.93E-06
9	0.000180	0.058994	-0.003137	-0.001762	-6.91E-06	3.16E-06
10	0.000180	0.058999	-0.003126	-0.001762	-6.94E-06	3.15E-06
11	0.000180	0.059004	-0.003115	-0.001762	-6.84E-06	3.16E-06
12	0.000180	0.059004	-0.003115	-0.001762	-6.84E-06	3.16E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULB18 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000180	0.058954	-0.003034	-0.001762	2.11E-05	5.76E-06
2	0.000180	0.058954	-0.003035	-0.001762	2.11E-05	5.76E-06
3	0.000180	0.058963	-0.003068	-0.001762	2.12E-05	5.76E-06
4	0.000180	0.058973	-0.003102	-0.001762	2.12E-05	5.76E-06
5	0.000180	0.058982	-0.003140	-0.001762	1.45E-05	5.05E-06
6	0.000180	0.058984	-0.003147	-0.001762	9.80E-06	4.71E-06
7	0.000180	0.058987	-0.003151	-0.001762	4.02E-06	4.28E-06
8	0.000180	0.058989	-0.003151	-0.001762	-7.03E-07	3.93E-06
9	0.000180	0.058994	-0.003137	-0.001762	-6.91E-06	3.16E-06
10	0.000180	0.058999	-0.003126	-0.001762	-6.94E-06	3.15E-06
11	0.000180	0.059004	-0.003115	-0.001762	-6.84E-06	3.16E-06
12	0.000180	0.059004	-0.003115	-0.001762	-6.84E-06	3.16E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
5	0.000180	0.058982	-0.003140	-0.001762	1.45E-05	5.05E-06
6	0.000180	0.058984	-0.003147	-0.001762	9.80E-06	4.71E-06
7	0.000180	0.058987	-0.003151	-0.001762	4.02E-06	4.28E-06
8	0.000180	0.058989	-0.003151	-0.001762	-7.03E-07	3.93E-06
9	0.000180	0.058994	-0.003137	-0.001762	-6.91E-06	3.16E-06
10	0.000180	0.058999	-0.003126	-0.001762	-6.94E-06	3.15E-06
11	0.000180	0.059004	-0.003115	-0.001762	-6.84E-06	3.16E-06
12	0.000180	0.059004	-0.003115	-0.001762	-6.84E-06	3.16E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB01 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000154	1.42E-21	-0.003381	-2.88E-25	1.78E-05	-8.63E-22
2	0.000154	1.40E-21	-0.003381	-2.88E-25	1.78E-05	-8.63E-22
3	0.000154	3.50E-23	-0.003409	-2.88E-25	1.79E-05	-8.63E-22
4	0.000154	-1.33E-21	-0.003437	-2.69E-25	1.79E-05	-8.64E-22
5	0.000154	-2.26E-21	-0.003469	-1.09E-25	1.22E-05	-2.65E-22
6	0.000154	-2.36E-21	-0.003475	-3.73E-26	8.33E-06	-1.16E-22
7	0.000154	-2.37E-21	-0.003479	4.85E-26	3.52E-06	6.74E-23
8	0.000154	-2.30E-21	-0.003479	1.20E-25	-4.23E-07	2.18E-22
9	0.000154	-1.41E-21	-0.003467	2.69E-25	-5.59E-06	8.66E-22
10	0.000154	-3.50E-23	-0.003458	2.88E-25	-5.62E-06	8.65E-22
11	0.000154	1.34E-21	-0.003449	2.88E-25	-5.54E-06	8.65E-22
12	0.000154	1.35E-21	-0.003449	2.88E-25	-5.54E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB01 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000154	1.42E-21	-0.003381	-2.88E-25	1.78E-05	-8.63E-22
2	0.000154	1.40E-21	-0.003381	-2.88E-25	1.78E-05	-8.63E-22
3	0.000154	3.50E-23	-0.003409	-2.88E-25	1.79E-05	-8.63E-22
4	0.000154	-1.33E-21	-0.003437	-2.69E-25	1.79E-05	-8.64E-22
5	0.000154	-2.26E-21	-0.003469	-1.09E-25	1.22E-05	-2.65E-22
6	0.000154	-2.36E-21	-0.003475	-3.73E-26	8.33E-06	-1.16E-22
7	0.000154	-2.37E-21	-0.003479	4.85E-26	3.52E-06	6.74E-23
8	0.000154	-2.30E-21	-0.003479	1.20E-25	-4.23E-07	2.18E-22
9	0.000154	-1.41E-21	-0.003467	2.69E-25	-5.59E-06	8.66E-22
10	0.000154	-3.50E-23	-0.003458	2.88E-25	-5.62E-06	8.65E-22
11	0.000154	1.34E-21	-0.003449	2.88E-25	-5.54E-06	8.65E-22
12	0.000154	1.35E-21	-0.003449	2.88E-25	-5.54E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB02 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05	-8.63E-22
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05	-8.64E-22
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05	-2.65E-22
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06	-1.16E-22
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06	6.76E-23
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07	2.18E-22
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06	8.66E-22
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06	8.65E-22
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB02 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05	-8.63E-22
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05	-8.64E-22
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05	-2.65E-22
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06	-1.16E-22
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06	6.76E-23
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07	2.18E-22
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06	8.66E-22
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06	8.65E-22
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05
-8.63E-22					
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05
-8.64E-22					
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05
-2.65E-22					
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06
-1.16E-22					
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06
6.76E-23					
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07
2.18E-22					
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06
8.66E-22					
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06
8.65E-22					
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB UEB03 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	0.063867	-0.002529	-0.001908	1.76E-05	6.24E-06
2	0.000150	0.063867	-0.002529	-0.001908	1.76E-05	6.24E-06
3	0.000150	0.063877	-0.002557	-0.001908	1.77E-05	6.24E-06
4	0.000150	0.063887	-0.002585	-0.001908	1.77E-05	6.24E-06
5	0.000150	0.063897	-0.002616	-0.001908	1.21E-05	5.47E-06
6	0.000150	0.063900	-0.002622	-0.001908	8.17E-06	5.10E-06
7	0.000150	0.063903	-0.002626	-0.001909	3.35E-06	4.64E-06
8	0.000150	0.063905	-0.002626	-0.001909	-5.86E-07	4.26E-06
9	0.000150	0.063911	-0.002614	-0.001909	-5.76E-06	3.43E-06
10	0.000150	0.063916	-0.002605	-0.001909	-5.78E-06	3.41E-06
11	0.000150	0.063921	-0.002596	-0.001909	-5.70E-06	3.42E-06
12	0.000150	0.063922	-0.002596	-0.001909	-5.70E-06	3.42E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 32

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB03 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	0.063867	-0.002529	-0.001908	1.76E-05	6.24E-06
2	0.000150	0.063867	-0.002529	-0.001908	1.76E-05	6.24E-06
3	0.000150	0.063877	-0.002557	-0.001908	1.77E-05	6.24E-06
4	0.000150	0.063887	-0.002585	-0.001908	1.77E-05	6.24E-06
5	0.000150	0.063897	-0.002616	-0.001908	1.21E-05	5.47E-06
6	0.000150	0.063900	-0.002622	-0.001908	8.17E-06	5.10E-06
7	0.000150	0.063903	-0.002626	-0.001909	3.35E-06	4.64E-06
8	0.000150	0.063905	-0.002626	-0.001909	-5.86E-07	4.26E-06
9	0.000150	0.063911	-0.002614	-0.001909	-5.76E-06	3.43E-06
10	0.000150	0.063916	-0.002605	-0.001909	-5.78E-06	3.41E-06
11	0.000150	0.063921	-0.002596	-0.001909	-5.70E-06	3.42E-06
12	0.000150	0.063922	-0.002596	-0.001909	-5.70E-06	3.42E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB04 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000153	0.031934	-0.003044	-0.000954	1.77E-05	3.12E-06
2	0.000153	0.031934	-0.003044	-0.000954	1.77E-05	3.12E-06
3	0.000153	0.031939	-0.003072	-0.000954	1.78E-05	3.12E-06
4	0.000153	0.031944	-0.003100	-0.000954	1.78E-05	3.12E-06
5	0.000153	0.031948	-0.003132	-0.000954	1.22E-05	2.73E-06
6	0.000153	0.031950	-0.003138	-0.000954	8.27E-06	2.55E-06
7	0.000153	0.031951	-0.003142	-0.000954	3.45E-06	2.32E-06
8	0.000153	0.031952	-0.003142	-0.000954	-4.87E-07	2.13E-06
9	0.000152	0.031955	-0.003130	-0.000954	-5.66E-06	1.71E-06
10	0.000152	0.031958	-0.003121	-0.000954	-5.69E-06	1.71E-06
11	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
12	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB04 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000153	0.031934	-0.003044	-0.000954	1.77E-05	3.12E-06
2	0.000153	0.031934	-0.003044	-0.000954	1.77E-05	3.12E-06
3	0.000153	0.031939	-0.003072	-0.000954	1.78E-05	3.12E-06
4	0.000153	0.031944	-0.003100	-0.000954	1.78E-05	3.12E-06
5	0.000153	0.031948	-0.003132	-0.000954	1.22E-05	2.73E-06
6	0.000153	0.031950	-0.003138	-0.000954	8.27E-06	2.55E-06
7	0.000153	0.031951	-0.003142	-0.000954	3.45E-06	2.32E-06
8	0.000153	0.031952	-0.003142	-0.000954	-4.87E-07	2.13E-06
9	0.000152	0.031955	-0.003130	-0.000954	-5.66E-06	1.71E-06
10	0.000152	0.031958	-0.003121	-0.000954	-5.69E-06	1.71E-06
11	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
12	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB05 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	0.031934	-0.002529	-0.000954	1.76E-05	3.12E-06
2	0.000150	0.031934	-0.002529	-0.000954	1.76E-05	3.12E-06
3	0.000150	0.031939	-0.002557	-0.000954	1.77E-05	3.12E-06
4	0.000150	0.031944	-0.002585	-0.000954	1.77E-05	3.12E-06
5	0.000150	0.031948	-0.002616	-0.000954	1.21E-05	2.73E-06
6	0.000150	0.031950	-0.002622	-0.000954	8.17E-06	2.55E-06
7	0.000150	0.031951	-0.002626	-0.000954	3.35E-06	2.32E-06
8	0.000150	0.031952	-0.002626	-0.000954	-5.86E-07	2.13E-06
9	0.000150	0.031955	-0.002614	-0.000954	-5.76E-06	1.71E-06
10	0.000150	0.031958	-0.002605	-0.000954	-5.78E-06	1.71E-06
11	0.000150	0.031961	-0.002596	-0.000954	-5.70E-06	1.71E-06
12	0.000150	0.031961	-0.002596	-0.000954	-5.70E-06	1.71E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB05 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	0.031934	-0.002529	-0.000954	1.76E-05	3.12E-06
2	0.000150	0.031934	-0.002529	-0.000954	1.76E-05	3.12E-06
3	0.000150	0.031939	-0.002557	-0.000954	1.77E-05	3.12E-06
4	0.000150	0.031944	-0.002585	-0.000954	1.77E-05	3.12E-06
5	0.000150	0.031948	-0.002616	-0.000954	1.21E-05	2.73E-06
6	0.000153	0.031950	-0.003138	-0.000954	8.27E-06	2.55E-06
7	0.000153	0.031951	-0.003142	-0.000954	3.45E-06	2.32E-06
8	0.000153	0.031952	-0.003142	-0.000954	-4.87E-07	2.13E-06
9	0.000152	0.031955	-0.003130	-0.000954	-5.66E-06	1.71E-06
10	0.000152	0.031958	-0.003121	-0.000954	-5.69E-06	1.71E-06
11	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
12	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 33

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.000152	0.031955	-0.003130	-0.000954	-5.66E-06	1.71E-06
10	0.000152	0.031958	-0.003121	-0.000954	-5.69E-06	1.71E-06
11	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
12	0.000152	0.031961	-0.003112	-0.000954	-5.60E-06	1.71E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB06 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000153	0.021560	-0.003044	-0.000704	1.77E-05	-5.56E-15
2	0.000153	0.021560	-0.003044	-0.000704	1.77E-05	-5.56E-15
3	0.000153	0.021560	-0.003072	-0.000704	1.78E-05	-5.56E-15
4	0.000153	0.021560	-0.003100	-0.000704	1.78E-05	-5.57E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 34

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
5	0.000153	0.021560	-0.003132	-0.000704	1.22E-05	-5.86E-15
6	0.000153	0.021560	-0.003138	-0.000704	8.27E-06	-5.91E-15
7	0.000153	0.021560	-0.003142	-0.000704	3.45E-06	-5.93E-15
8	0.000153	0.021560	-0.003142	-0.000704	-4.87E-07	-5.91E-15
9	0.000152	0.021560	-0.003130	-0.000704	-5.66E-06	-5.71E-15
10	0.000152	0.021560	-0.003121	-0.000704	-5.69E-06	-5.68E-15
11	0.000152	0.021560	-0.003112	-0.000704	-5.60E-06	-5.67E-15
12	0.000152	0.021560	-0.003112	-0.000704	-5.60E-06	-5.67E-15
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB06 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000153	0.021560	-0.003044	-0.000704	1.77E-05	-5.56E-15
2	0.000153	0.021560	-0.003044	-0.000704	1.77E-05	-5.56E-15
3	0.000153	0.021560	-0.003072	-0.000704	1.78E-05	

-5.56E-15
4 0.000153 0.021560
-0.003100 -0.000704 1.78E-05
-5.57E-15
5 0.000153 0.021560
-0.003132 -0.000704 1.22E-05
-5.86E-15
6 0.000153 0.021560
-0.003138 -0.000704 8.27E-06
-5.91E-15
7 0.000153 0.021560
-0.003142 -0.000704 3.45E-06
-5.93E-15
8 0.000153 0.021560
-0.003142 -0.000704 -4.87E-07
-5.91E-15
9 0.000152 0.021560
-0.003130 -0.000704 -5.66E-06
-5.71E-15
10 0.000152 0.021560
-0.003121 -0.000704 -5.69E-06
-5.68E-15
11 0.000152 0.021560
-0.003112 -0.000704 -5.60E-06
-5.67E-15
12 0.000152 0.021560
-0.003112 -0.000704 -5.60E-06
-5.67E-15
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEB07 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000153 1.42E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
2 0.000153 1.40E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
3 0.000153 3.49E-23
-0.003072 -2.87E-25 1.78E-05
-8.63E-22
4 0.000153 -1.33E-21
-0.003100 -2.68E-25 1.78E-05
-8.64E-22
5 0.000153 -2.26E-21
-0.003132 -1.08E-25 1.22E-05
-2.65E-22
6 0.000153 -2.36E-21
-0.003138 -3.72E-26 8.27E-06
-1.16E-22
7 0.000153 -2.37E-21
-0.003142 4.83E-26 3.45E-06
6.75E-23
8 0.000153 -2.30E-21
-0.003142 1.20E-25 -4.87E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003130 2.68E-25 -5.66E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003121 2.87E-25 -5.69E-06
8.65E-22
11 0.000152 1.34E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
12 0.000152 1.35E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 35

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB07 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000153 1.42E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
2 0.000153 1.40E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
3 0.000153 3.49E-23
-0.003072 -2.87E-25 1.78E-05
-8.63E-22
4 0.000153 -1.33E-21
-0.003100 -2.68E-25 1.78E-05
-8.64E-22
5 0.000153 -2.26E-21
-0.003132 -1.08E-25 1.22E-05
-2.65E-22
6 0.000153 -2.36E-21
-0.003138 -3.72E-26 8.27E-06
-1.16E-22
7 0.000153 -2.37E-21
-0.003142 4.83E-26 3.45E-06
6.75E-23
8 0.000153 -2.30E-21
-0.003142 1.20E-25 -4.87E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003130 2.68E-25 -5.66E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003121 2.87E-25 -5.69E-06
8.65E-22
11 0.000152 1.34E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
12 0.000152 1.35E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEB08 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.021560
-0.002529 -0.000704 1.76E-05
-5.56E-15
2 0.000150 0.021560
-0.002529 -0.000704 1.76E-05
-5.56E-15
3 0.000150 0.021560
-0.002557 -0.000704 1.77E-05
-5.56E-15
4 0.000150 0.021560
-0.002585 -0.000704 1.77E-05
-5.57E-15
5 0.000150 0.021560
-0.002616 -0.000704 1.21E-05
-5.86E-15
6 0.000150 0.021560
-0.002622 -0.000704 8.17E-06
-5.91E-15
7 0.000150 0.021560
-0.002626 -0.000704 3.35E-06
-5.93E-15
8 0.000150 0.021560
-0.002626 -0.000704 -5.86E-07
-5.91E-15
9 0.000150 0.021560
-0.002614 -0.000704 -5.76E-06
-5.71E-15
10 0.000150 0.021560
-0.002605 -0.000704 -5.78E-06
-5.68E-15
11 0.000150 0.021560
-0.002596 -0.000704 -5.70E-06
-5.67E-15
12 0.000150 0.021560
-0.002596 -0.000704 -5.70E-06
-5.67E-15
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEB08 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 0.021560
-0.002529 -0.000704 1.76E-05
-5.56E-15
2 0.000150 0.021560
-0.002529 -0.000704 1.76E-05
-5.56E-15
3 0.000150 0.021560
-0.002557 -0.000704 1.77E-05
-5.56E-15
4 0.000150 0.021560
-0.002585 -0.000704 1.77E-05
-5.57E-15
5 0.000150 0.021560
-0.002616 -0.000704 1.21E-05
-5.86E-15
6 0.000150 0.021560
-0.002622 -0.000704 8.17E-06
-5.91E-15
7 0.000150 0.021560
-0.002626 -0.000704 3.35E-06
-5.93E-15
8 0.000150 0.021560
-0.002626 -0.000704 -5.86E-07
-5.91E-15
9 0.000150 0.021560
-0.002614 -0.000704 -5.76E-06
-5.71E-15
10 0.000150 0.021560
-0.002605 -0.000704 -5.78E-06
-5.68E-15
11 0.000150 0.021560
-0.002596 -0.000704 -5.70E-06
-5.67E-15
12 0.000150 0.021560
-0.002596 -0.000704 -5.70E-06
-5.67E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 36

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEB09 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 1.42E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
2 0.000150 1.40E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
3 0.000150 3.47E-23
-0.002557 -2.85E-25 1.77E-05
-8.63E-22
4 0.000150 -1.33E-21
-0.002585 -2.66E-25 1.77E-05
-8.64E-22
5 0.000150 -2.26E-21
-0.002616 -1.08E-25 1.21E-05
-2.65E-22
6 0.000150 -2.36E-21
-0.002622 -3.70E-26 8.17E-06
-1.16E-22
7 0.000150 -2.37E-21
-0.002626 4.81E-26 3.35E-06
6.76E-23
8 0.000150 -2.30E-21
-0.002626 1.19E-25 -5.86E-07
2.18E-22
9 0.000150 -1.41E-21
-0.002614 2.66E-25 -5.76E-06
8.66E-22
10 0.000150 -3.47E-23
-0.002605 2.85E-25 -5.78E-06
8.65E-22
11 0.000150 1.34E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
12 0.000150 1.35E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEB09 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 1.42E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
2 0.000150 1.40E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
3 0.000150 3.47E-23
-0.002557 -2.85E-25 1.77E-05
-8.63E-22
4 0.000150 -1.33E-21
-0.002585 -2.66E-25 1.77E-05
-8.64E-22
5 0.000150 -2.26E-21
-0.002616 -1.08E-25 1.21E-05
-2.65E-22
6 0.000150 -2.36E-21
-0.002622 -3.70E-26 8.17E-06
-1.16E-22
7 0.000150 -2.37E-21
-0.002626 4.81E-26 3.35E-06
6.76E-23
8 0.000150 -2.30E-21
-0.002626 1.19E-25 -5.86E-07
2.18E-22
9 0.000150 -1.41E-21
-0.002614 2.66E-25 -5.76E-06
8.66E-22
10 0.000150 -3.47E-23
-0.002605 2.85E-25 -5.78E-06
8.65E-22
11 0.000150 1.34E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
12 0.000150 1.35E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEB10 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000143 0.082142
-0.002402 -0.002512 1.67E-05
6.00E-06
2 0.000143 0.082142
-0.002402 -0.002512 1.67E-05
6.00E-06
3 0.000143 0.082151
-0.002429 -0.002512 1.68E-05
6.00E-06
4 0.000143 0.082161
-0.002456 -0.002512 1.68E-05
6.00E-06
5 0.000143 0.082170
-0.002486 -0.002512 1.15E-05
5.26E-06
6 0.000143 0.082173
-0.002491 -0.002512 7.76E-06
4.90E-06
7 0.000143 0.082176
-0.002495 -0.002512 3.19E-06
4.46E-06
8 0.000143 0.082178
-0.002495 -0.002512 -5.57E-07
4.10E-06

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 37

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
9 0.000143 0.082184
-0.002483 -0.002512 -5.47E-06
3.30E-06
10 0.000142 0.082189
-0.002474 -0.002512 -5.49E-06
3.28E-06
11 0.000142 0.082194
-0.002466 -0.002512 -5.41E-06
3.29E-06
12 0.000142 0.082194
-0.002466 -0.002512 -5.41E-06
3.29E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEB10 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000143 0.082142
-0.002402 -0.002512 1.67E-05
6.00E-06
2 0.000143 0.082142
-0.002402 -0.002512 1.67E-05
6.00E-06
3 0.000143 0.082151
-0.002429 -0.002512 1.68E-05
6.00E-06
4 0.000143 0.082161
-0.002456 -0.002512 1.68E-05
6.00E-06
5 0.000143 0.082170

-0.002486 -0.002512 1.15E-05 5.26E-06
6 0.000143 0.082173 -0.002491 -0.002512 7.76E-06 4.90E-06
7 0.000143 0.082176 -0.002495 -0.002512 3.19E-06 4.46E-06
8 0.000143 0.082178 -0.002495 -0.002512 -5.57E-07 4.10E-06
9 0.000143 0.082184 -0.002483 -0.002512 -5.47E-06 3.30E-06
10 0.000142 0.082189 -0.002474 -0.002512 -5.49E-06 3.28E-06
11 0.000142 0.082194 -0.002466 -0.002512 -5.41E-06 3.29E-06
12 0.000142 0.082194 -0.002466 -0.002512 -5.41E-06 3.29E-06
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEB11 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000143	0.061411	-0.002402	-0.001835	1.67E-05	6.00E-06
2	0.000143	0.061411	-0.002402	-0.001835	1.67E-05	6.00E-06
3	0.000143	0.061420	-0.002429	-0.001835	1.68E-05	6.00E-06
4	0.000143	0.061430	-0.002456	-0.001835	1.68E-05	6.00E-06
5	0.000143	0.061439	-0.002486	-0.001835	1.15E-05	5.26E-06
6	0.000143	0.061442	-0.002491	-0.001835	7.76E-06	4.90E-06
7	0.000143	0.061445	-0.002495	-0.001835	3.19E-06	4.46E-06
8	0.000143	0.061447	-0.002495	-0.001835	-5.57E-07	4.10E-06
9	0.000143	0.061453	-0.002483	-0.001835	-5.47E-06	3.30E-06
10	0.000142	0.061458	-0.002474	-0.001835	-5.49E-06	3.28E-06
11	0.000142	0.061463	-0.002466	-0.001835	-5.41E-06	3.29E-06
12	0.000142	0.061463	-0.002466	-0.001835	-5.41E-06	3.29E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB11 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000143	0.061411	-0.002402	-0.001835	1.67E-05	6.00E-06
2	0.000143	0.061411	-0.002402	-0.001835	1.67E-05	6.00E-06
3	0.000143	0.061420	-0.002429	-0.001835	1.68E-05	6.00E-06
4	0.000143	0.061430	-0.002456	-0.001835	1.68E-05	6.00E-06

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
5	0.000143	0.061439	-0.002486	-0.001835	1.15E-05	5.26E-06
6	0.000143	0.061442	-0.002491	-0.001835	7.76E-06	4.90E-06
7	0.000143	0.061445	-0.002495	-0.001835	3.19E-06	4.46E-06
8	0.000143	0.061447	-0.002495	-0.001835	-5.57E-07	4.10E-06
9	0.000143	0.061453	-0.002483	-0.001835	-5.47E-06	3.30E-06
10	0.000142	0.061458	-0.002474	-0.001835	-5.49E-06	3.28E-06
11	0.000142	0.061463	-0.002466	-0.001835	-5.41E-06	3.29E-06
12	0.000142	0.061463	-0.002466	-0.001835	-5.41E-06	3.29E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB12 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000145	0.051436	-0.002898	-0.001594	1.68E-05	3.00E-06
2	0.000145	0.051436	-0.002898	-0.001594	1.68E-05	3.00E-06
3	0.000145	0.051441	-0.002924	-0.001594	1.69E-05	3.00E-06
4	0.000145	0.051446	-0.002951	-0.001594	1.69E-05	3.00E-06
5	0.000145	0.051451	-0.002981	-0.001594	1.16E-05	2.63E-06
6	0.000145	0.051452	-0.002987	-0.001594	7.85E-06	2.45E-06
7	0.000145	0.051453	-0.002990	-0.001594	3.28E-06	2.23E-06
8	0.000145	0.051455	-0.002991	-0.001594	-4.62E-07	2.05E-06
9	0.000145	0.051457	-0.002979	-0.001594	-5.37E-06	1.65E-06
10	0.000145	0.051460	-0.002971	-0.001594	-5.40E-06	1.64E-06
11	0.000145	0.051463	-0.002962	-0.001594	-5.32E-06	1.64E-06
12	0.000145	0.051463	-0.002962	-0.001594	-5.32E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB12 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000145	0.051436	-0.002898	-0.001594	1.68E-05	3.00E-06
2	0.000145	0.051436	-0.002898	-0.001594	1.68E-05	3.00E-06
3	0.000145	0.051441	-0.002924	-0.001594	1.69E-05	3.00E-06
4	0.000145	0.051446	-0.002951	-0.001594	1.69E-05	3.00E-06
5	0.000145	0.051451	-0.002981	-0.001594	1.16E-05	2.63E-06
6	0.000145	0.051452	-0.002987	-0.001594	7.85E-06	2.45E-06
7	0.000145	0.051453	-0.002990	-0.001594	3.28E-06	2.23E-06
8	0.000145	0.051455	-0.002991	-0.001594	-4.62E-07	2.05E-06
9	0.000145	0.051457	-0.002979	-0.001594	-5.37E-06	1.65E-06
10	0.000145	0.051460	-0.002971	-0.001594	-5.40E-06	1.64E-06
11	0.000145	0.051463	-0.002962	-0.001594	-5.32E-06	1.64E-06
12	0.000145	0.051463	-0.002962	-0.001594	-5.32E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB13 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000145	0.030705	-0.002898	-0.000917	1.68E-05	3.00E-06
2	0.000145	0.030705	-0.002898	-0.000917	1.68E-05	3.00E-06
3	0.000145	0.030710	-0.002924	-0.000917	1.69E-05	3.00E-06
4	0.000145	0.030715	-0.002951	-0.000917	1.69E-05	3.00E-06
5	0.000145	0.030720	-0.002981	-0.000918	1.16E-05	2.63E-06
6	0.000145	0.030721	-0.002987	-0.000918	7.85E-06	2.45E-06
7	0.000145	0.030722	-0.002990	-0.000918	3.28E-06	2.23E-06
8	0.000145	0.030723	-0.002991	-0.000918	-4.62E-07	2.05E-06
9	0.000145	0.030726	-0.002979	-0.000918	-5.37E-06	1.65E-06
10	0.000145	0.030729	-0.002971	-0.000918	-5.40E-06	1.64E-06
11	0.000145	0.030731	-0.002962	-0.000918	-5.32E-06	1.64E-06
12	0.000145	0.030732	-0.002962	-0.000918	-5.32E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB13 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000145	0.030705	-0.002898	-0.000917	1.68E-05	3.00E-06
2	0.000145	0.030705	-0.002898	-0.000917	1.68E-05	3.00E-06
3	0.000145	0.030710	-0.002924	-0.000917	1.69E-05	3.00E-06
4	0.000145	0.030715	-0.002951	-0.000917	1.69E-05	3.00E-06
5	0.000145	0.030720	-0.002981	-0.000918	1.16E-05	2.63E-06
6	0.000145	0.030721	-0.002987	-0.000918	7.85E-06	2.45E-06
7	0.000145	0.030722	-0.002990	-0.000918	3.28E-06	2.23E-06
8	0.000145	0.030723	-0.002991	-0.000918	-4.62E-07	2.05E-06
9	0.000145	0.030726	-0.002979	-0.000918	-5.37E-06	1.65E-06
10	0.000145	0.030729	-0.002971	-0.000918	-5.40E-06	1.64E-06
11	0.000145	0.030731	-0.002962	-0.000918	-5.32E-06	1.64E-06
12	0.000145	0.030732	-0.002962	-0.000918	-5.32E-06	1.64E-06
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB14 ----------
MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000143	0.051436	-0.002402	-0.001594	1.67E-05	3.00E-06
2	0.000143	0.051436	-0.002402	-0.001594	1.67E-05	3.00E-06
3	0.000143	0.051441	-0.002429	-0.001594	1.68E-05	3.00E-06
4	0.000143	0.051446	-0.002456	-0.001594	1.68E-05	3.00E-06
5	0.000143	0.051451	-0.002486	-0.001594	1.15E-05	2.63E-06
6	0.000143	0.051452	-0.002491	-0.001594	7.76E-06	2.45E-06
7	0.000143	0.051453	-0.002495	-0.001594	3.19E-06	2.23E-06
8	0.000143	0.051455	-0.002495	-0.001594	-5.57E-07	2.05E-06
9	0.000143	0.051457	-0.002483	-0.001594	-5.47E-06	1.65E-06
10	0.000142	0.051460	-0.002474	-0.001594	-5.49E-06	1.64E-06
11	0.000142	0.051463	-0.002466	-0.001594	-5.41E-06	1.64E-06
12	0.000142	0.051463	-0.002466	-0.001594	-5.41E-06	1.64E-06

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB UEB14 ----------
MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000143	0.051436	-0.002402	-0.001594	1.67E-05	3.00E-06
2	0.000143	0.051436	-0.002402	-0.001594	1.67E-05	3.00E-06
3	0.000143	0.051441	-0.002429	-0.001594	1.68E-05	3.00E-06
4	0.000143	0.051446	-0.002456	-0.001594	1.68E-05	3.00E-06
5	0.000143	0.051451	-0.002486	-0.001594	1.15E-05	2.63E-06
6	0.000143	0.051452	-0.002491	-0.001594	7.76E-06	2.45E-06

7	0.000143	0.051453	-0.002495	-0.001594	3.19E-06
2.23E-06					
8	0.000143	0.051455	-0.002495	-0.001594	-5.57E-07
2.05E-06					
9	0.000143	0.051457	-0.002483	-0.001594	-5.47E-06
1.65E-06					
10	0.000142	0.051460	-0.002474	-0.001594	-5.49E-06
1.64E-06					
11	0.000142	0.051463	-0.002466	-0.001594	-5.41E-06
1.64E-06					
12	0.000142	0.051463	-0.002466	-0.001594	-5.41E-06
1.64E-06					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEB15 ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000143	0.030705	-0.002402	-0.000917	1.67E-05
3.00E-06					
2	0.000143	0.030705	-0.002402	-0.000917	1.67E-05
3.00E-06					
3	0.000143	0.030710	-0.002429	-0.000917	1.68E-05
3.00E-06					
4	0.000143	0.030715	-0.002456	-0.000917	1.68E-05
3.00E-06					
5	0.000143	0.030720	-0.002486	-0.000918	1.15E-05
2.63E-06					
6	0.000143	0.030721	-0.002491	-0.000918	7.76E-06
2.45E-06					
7	0.000143	0.030722	-0.002495	-0.000918	3.19E-06
2.23E-06					
8	0.000143	0.030723	-0.002495	-0.000918	-5.57E-07
2.05E-06					
9	0.000143	0.030726	-0.002483	-0.000918	-5.47E-06
1.65E-06					
10	0.000142	0.030729	-0.002474	-0.000918	-5.49E-06
1.64E-06					
11	0.000142	0.030731	-0.002466	-0.000918	-5.41E-06
1.64E-06					
12	0.000142	0.030732	-0.002466	-0.000918	-5.41E-06
1.64E-06					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEB15 ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000143	0.030705	-0.002402	-0.000917	1.67E-05
3.00E-06					
2	0.000143	0.030705	-0.002402	-0.000917	1.67E-05
3.00E-06					
3	0.000143	0.030710	-0.002429	-0.000917	1.68E-05
3.00E-06					
4	0.000143	0.030715	-0.002456	-0.000917	1.68E-05
3.00E-06					
5	0.000143	0.030720	-0.002486	-0.000918	1.15E-05
2.63E-06					
6	0.000143	0.030721	-0.002491	-0.000918	7.76E-06
2.45E-06					
7	0.000143	0.030722	-0.002495	-0.000918	3.19E-06
2.23E-06					
8	0.000143	0.030723	-0.002495	-0.000918	-5.57E-07
2.05E-06					

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 41

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY			
UZ	RX	RY	RZ		
9	0.000143	0.030726	-0.002483	-0.000918	-5.47E-06
1.65E-06					
10	0.000142	0.030729	-0.002474	-0.000918	-5.49E-06
1.64E-06					
11	0.000142	0.030731	-0.002466	-0.000918	-5.41E-06
1.64E-06					
12	0.000142	0.030732	-0.002466	-0.000918	-5.41E-06
1.64E-06					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEB16 ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05
-8.63E-22					
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05
-8.63E-22					
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05
-8.63E-22					
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05
-8.64E-22					
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05
-2.65E-22					
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06
-1.16E-22					
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06
6.76E-23					
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07
2.18E-22					
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06
8.66E-22					
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06
8.65E-22					
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEB16 ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05
-8.63E-22					
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05
-8.63E-22					
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05
-8.63E-22					
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05
-8.64E-22					
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05
-2.65E-22					
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06
-1.16E-22					
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06
6.76E-23					
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07
2.18E-22					
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06
8.66E-22					
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06
8.65E-22					
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEB17 ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000153	1.42E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
2	0.000153	1.40E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
3	0.000153	3.49E-23	-0.003072	-2.87E-25	1.78E-05
-8.63E-22					
4	0.000153	-1.33E-21	-0.003100	-2.68E-25	1.78E-05
-8.64E-22					
5	0.000153	-2.26E-21	-0.003132	-1.08E-25	1.22E-05
-2.65E-22					
6	0.000153	-2.36E-21	-0.003138	-3.72E-26	8.27E-06
-1.16E-22					
7	0.000153	-2.37E-21	-0.003142	4.83E-26	3.45E-06
6.75E-23					
8	0.000153	-2.30E-21	-0.003142	1.20E-25	-4.87E-07
2.18E-22					
9	0.000152	-1.41E-21	-0.003130	2.68E-25	-5.66E-06
8.66E-22					
10	0.000152	-3.49E-23	-0.003121	2.87E-25	-5.69E-06
8.65E-22					
11	0.000152	1.34E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
12	0.000152	1.35E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEB17 ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000153	1.42E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
2	0.000153	1.40E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
3	0.000153	3.49E-23	-0.003072	-2.87E-25	1.78E-05
-8.63E-22					
4	0.000153	-1.33E-21	-0.003100	-2.68E-25	1.78E-05
-8.64E-22					
5	0.000153	-2.26E-21	-0.003132	-1.08E-25	1.22E-05
-2.65E-22					
6	0.000153	-2.36E-21	-0.003138	-3.72E-26	8.27E-06
-1.16E-22					
7	0.000153	-2.37E-21	-0.003142	4.83E-26	3.45E-06
6.75E-23					
8	0.000153	-2.30E-21	-0.003142	1.20E-25	-4.87E-07
2.18E-22					
9	0.000152	-1.41E-21	-0.003130	2.68E-25	-5.66E-06
8.66E-22					
10	0.000152	-3.49E-23	-0.003121	2.87E-25	-5.69E-06
8.65E-22					
11	0.000152	1.34E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
12	0.000152	1.35E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEB18 ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000135	0.058954	-0.002276	-0.001762	1.59E-05
5.76E-06					
2	0.000135	0.058954	-0.002276	-0.001762	1.59E-05
5.76E-06					
3	0.000135	0.058963	-0.002301	-0.001762	1.59E-05
5.76E-06					
4	0.000135	0.058973	-0.002326	-0.001762	1.59E-05
5.76E-06					
5	0.000135	0.058982	-0.002355	-0.001762	1.09E-05
5.05E-06					
6	0.000135	0.058984	-0.002360	-0.001762	7.35E-06
4.71E-06					
7	0.000135	0.058987	-0.002363	-0.001762	3.02E-06
4.28E-06					
8	0.000135	0.058989	-0.002363	-0.001762	-5.27E-07
3.93E-06					
9	0.000135	0.058994	-0.002353	-0.001762	-5.18E-06
3.16E-06					
10	0.000135	0.058999	-0.002344	-0.001762	-5.20E-06
3.15E-06					
11	0.000135	0.059004	-0.002336	-0.001762	-5.13E-06
3.16E-06					
12	0.000135	0.059004	-0.002336	-0.001762	-5.13E-06
3.16E-06					
13	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 43

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB18 ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000135	0.058954	-0.002276	-0.001762	1.59E-05
5.76E-06					
2	0.000135	0.058954	-0.002276	-0.001762	1.59E-05
5.76E-06					
3	0.000135	0.058963	-0.002301	-0.001762	1.59E-05
5.76E-06					
4	0.000135	0.058973	-0.002326	-0.001762	1.59E-05
5.76E-06					
5	0.000135	0.058982	-0.002355	-0.001762	1.09E-05
5.05E-06					
6	0.000135	0.058984	-0.002360	-0.001762	7.35E-06
4.71E-06					
7	0.000135	0.058987	-0.002363	-0.001762	3.02E-06
4.28E-06					
8	0.000135	0.058989	-0.002363	-0.001762	-5.27E-07

3.93E-06
9 0.000135 0.058994
-0.002353 -0.001762 -5.18E-06
3.16E-06
10 0.000135 0.058999
-0.002344 -0.001762 -5.20E-06
3.15E-06
11 0.000135 0.059004
-0.002336 -0.001762 -5.13E-06
3.16E-06
12 0.000135 0.059004
-0.002336 -0.001762 -5.13E-06
3.16E-06
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO01 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000152 1.42E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
2 0.000152 1.40E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
3 0.000152 3.49E-23
-0.002953 -2.87E-25 1.78E-05
-8.63E-22
4 0.000152 -1.33E-21
-0.002981 -2.68E-25 1.78E-05
-8.64E-22
5 0.000152 -2.26E-21
-0.003013 -1.08E-25 1.21E-05
-2.65E-22
6 0.000152 -2.36E-21
-0.003019 -3.71E-26 8.24E-06
-1.16E-22
7 0.000152 -2.37E-21
-0.003023 4.83E-26 3.43E-06
6.75E-23
8 0.000152 -2.30E-21
-0.003023 1.19E-25 -5.10E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003011 2.68E-25 -5.68E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003002 2.87E-25 -5.71E-06
8.65E-22
11 0.000152 1.34E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
12 0.000152 1.35E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO01 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000152 1.42E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
2 0.000152 1.40E-21
-0.002925 -2.87E-25 1.77E-05
-8.63E-22
3 0.000152 3.49E-23
-0.002953 -2.87E-25 1.78E-05
-8.63E-22
4 0.000152 -1.33E-21
-0.002981 -2.68E-25 1.78E-05
-8.64E-22
5 0.000152 -2.26E-21
-0.003013 -1.08E-25 1.21E-05
-2.65E-22
6 0.000152 -2.36E-21
-0.003019 -3.71E-26 8.24E-06
-1.16E-22
7 0.000152 -2.37E-21
-0.003023 4.83E-26 3.43E-06
6.75E-23
8 0.000152 -2.30E-21
-0.003023 1.19E-25 -5.10E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003011 2.68E-25 -5.68E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003002 2.87E-25 -5.71E-06
8.65E-22
11 0.000152 1.34E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
12 0.000152 1.35E-21
-0.002993 2.87E-25 -5.62E-06
8.65E-22
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 44

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO02 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 1.42E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
2 0.000150 1.40E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
3 0.000150 3.47E-23
-0.002557 -2.85E-25 1.77E-05
-8.63E-22
4 0.000150 -1.33E-21
-0.002585 -2.66E-25 1.77E-05
-8.64E-22
5 0.000150 -2.26E-21
-0.002616 -1.08E-25 1.21E-05
-2.65E-22
6 0.000150 -2.36E-21
-0.002622 -3.70E-26 8.17E-06
-1.16E-22
7 0.000150 -2.37E-21
-0.002626 4.81E-26 3.35E-06
6.76E-23
8 0.000150 -2.30E-21
-0.002626 1.19E-25 -5.86E-07
2.18E-22
9 0.000150 -1.41E-21
-0.002614 2.66E-25 -5.76E-06
8.66E-22
10 0.000150 -3.47E-23
-0.002605 2.85E-25 -5.78E-06
8.65E-22
11 0.000150 1.34E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
12 0.000150 1.35E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO03 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.020783 -4.23E-21
-0.001622 4.38E-23 0.000202
-6.82E-22
2 0.020783 -4.24E-21
-0.001625 4.38E-23 0.000202
-6.82E-22
3 0.020783 -5.32E-21
-0.001946 4.38E-23 0.000203
-6.82E-22
4 0.020783 -6.40E-21
-0.002262 4.09E-23 0.000197
-6.83E-22
5 0.020782 -4.02E-21
-0.002515 1.65E-23 0.000170
2.96E-21
6 0.020782 -2.45E-21
-0.002579 5.67E-24 0.000162
3.27E-21
7 0.020782 -4.40E-22
-0.002651 -7.37E-24 0.000158
3.40E-21
8 0.020782 1.24E-21
-0.002710 -1.82E-23 0.000161
3.30E-21
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 45

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
9 0.020782 4.78E-21
-0.002930 -4.09E-23 0.000178
3.44E-22
10 0.020781 5.32E-21
-0.003216 -4.38E-23 0.000184
3.43E-22
11 0.020781 5.87E-21
-0.003507 -4.38E-23 0.000184
3.43E-22
12 0.020781 5.87E-21
-0.003510 -4.38E-23 0.000184
3.43E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO03 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.020783 -4.23E-21
-0.001622 4.38E-23 0.000202
-6.82E-22
2 0.020783 -4.24E-21
-0.001625 4.38E-23 0.000202
-6.82E-22
3 0.020783 -5.32E-21
-0.001946 4.38E-23 0.000203
-6.82E-22
4 0.020783 -6.40E-21
-0.002262 4.09E-23 0.000197
-6.83E-22
5 0.020782 -4.02E-21
-0.002515 1.65E-23 0.000170
2.96E-21
6 0.020782 -2.45E-21
-0.002579 5.67E-24 0.000162
3.27E-21
7 0.020782 -4.40E-22
-0.002651 -7.37E-24 0.000158
3.40E-21
8 0.020782 1.24E-21
-0.002710 -1.82E-23 0.000161
3.30E-21
9 0.020782 4.78E-21
-0.002930 -4.09E-23 0.000178
3.44E-22
10 0.020781 5.32E-21
-0.003216 -4.38E-23 0.000184
3.43E-22
11 0.020781 5.87E-21
-0.003507 -4.38E-23 0.000184
3.43E-22
12 0.020781 5.87E-21
-0.003510 -4.38E-23 0.000184
3.43E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO04 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.012284 -1.94E-21
-0.002378 2.63E-23 0.000129
-7.83E-22
2 0.012284 -1.95E-21
-0.002380 2.63E-23 0.000129
-7.83E-22
3 0.012284 -3.19E-21
-0.002585 2.63E-23 0.000130
-7.83E-22
4 0.012284 -4.44E-21
-0.002788 2.45E-23 0.000126
-7.84E-22
5 0.012283 -3.39E-21
-0.002953 9.92E-24 0.000107
1.67E-21
6 0.012283 -2.49E-21
-0.002994 3.40E-24 0.000101
1.92E-21
7 0.012283 -1.28E-21
-0.003039 -4.42E-24 9.67E-05
2.08E-21
8 0.012283 -2.38E-22
-0.003075 -1.09E-23 9.65E-05
2.08E-21
9 0.012283 2.28E-21
-0.003202 -2.45E-23 0.000105
5.80E-22
10 0.012283 3.19E-21
-0.003370 -2.63E-23 0.000108
5.80E-22
11 0.012283 4.11E-21
-0.003542 -2.63E-23 0.000108
5.80E-22
12 0.012283 4.12E-21
-0.003543 -2.63E-23 0.000108
5.80E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO04 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.012284 -1.94E-21
-0.002378 2.63E-23 0.000129
-7.83E-22
2 0.012284 -1.95E-21
-0.002380 2.63E-23 0.000129
-7.83E-22
3 0.012284 -3.19E-21
-0.002585 2.63E-23 0.000130
-7.83E-22
4 0.012284 -4.44E-21
-0.002788 2.45E-23 0.000126
-7.84E-22
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 46

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
5 0.012283 -3.39E-21
-0.002953 9.92E-24 0.000107
1.67E-21
6 0.012283 -2.49E-21
-0.002994 3.40E-24 0.000101
1.92E-21
7 0.012283 -1.28E-21
-0.003039 -4.42E-24 9.67E-05
2.08E-21
8 0.012283 -2.38E-22
-0.003075 -1.09E-23 9.65E-05
2.08E-21
9 0.012283 2.28E-21

-0.003202 -2.45E-23 0.000105 5.80E-22
10 0.012283 3.19E-21 -0.003370 -2.63E-23 0.000108 5.80E-22
11 0.012283 4.11E-21 -0.003542 -2.63E-23 0.000108 5.80E-22
12 0.012283 4.12E-21 -0.003543 -2.63E-23 0.000108 5.80E-22
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB SVO05 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.012282	-1.94E-21	-0.001981	2.63E-23	0.000129	-7.83E-22
2	0.012282	-1.95E-21	-0.001983	2.63E-23	0.000129	-7.83E-22
3	0.012282	-3.19E-21	-0.002188	2.63E-23	0.000129	-7.83E-22
4	0.012282	-4.44E-21	-0.002391	2.45E-23	0.000126	-7.84E-22
5	0.012281	-3.39E-21	-0.002556	9.92E-24	0.000107	1.67E-21
6	0.012281	-2.49E-21	-0.002597	3.40E-24	0.000101	1.92E-21
7	0.012281	-1.28E-21	-0.002642	-4.42E-24	9.67E-05	2.08E-21
8	0.012281	-2.38E-22	-0.002678	-1.09E-23	9.64E-05	2.08E-21
9	0.012281	2.28E-21	-0.002805	-2.45E-23	0.000105	5.80E-22
10	0.012281	3.19E-21	-0.002973	-2.63E-23	0.000108	5.80E-22
11	0.012281	4.11E-21	-0.003144	-2.63E-23	0.000108	5.80E-22
12	0.012281	4.12E-21	-0.003146	-2.63E-23	0.000108	5.80E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVO05 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.012282	-1.94E-21	-0.001981	2.63E-23	0.000129	-7.83E-22
2	0.012282	-1.95E-21	-0.001983	2.63E-23	0.000129	-7.83E-22
3	0.012282	-3.19E-21	-0.002188	2.63E-23	0.000129	-7.83E-22
4	0.012282	-4.44E-21	-0.002391	2.45E-23	0.000126	-7.84E-22
5	0.012281	-3.39E-21	-0.002556	9.92E-24	0.000107	1.67E-21
6	0.012281	-2.49E-21	-0.002597	3.40E-24	0.000101	1.92E-21
7	0.012281	-1.28E-21	-0.002642	-4.42E-24	9.67E-05	2.08E-21
8	0.012281	-2.38E-22	-0.002678	-1.09E-23	9.64E-05	2.08E-21
9	0.012281	2.28E-21	-0.002805	-2.45E-23	0.000105	5.80E-22
10	0.012281	3.19E-21	-0.002973	-2.63E-23	0.000108	5.80E-22
11	0.012281	4.11E-21	-0.003144	-2.63E-23	0.000108	5.80E-22
12	0.012281	4.12E-21	-0.003146	-2.63E-23	0.000108	5.80E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVO06 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	-0.000689	8.90E-22	-0.002932	-2.43E-25	1.34E-05	-5.38E-22
2	-0.000687	8.82E-22	-0.002932	-2.43E-25	1.34E-05	-5.38E-22
3	-0.000449	2.95E-23	-0.002953	-2.43E-25	1.35E-05	-5.38E-22
4	-0.000211	-8.24E-22	-0.002975	-2.27E-25	1.37E-05	-5.39E-22
5	3.08E-05	-1.44E-21	-0.003001	-9.17E-26	1.03E-05	-1.87E-22
6	0.000106	-1.51E-21	-0.003007	-3.14E-26	7.59E-06	-8.46E-23
7	0.000196	-1.52E-21	-0.003010	4.09E-26	4.24E-06	4.40E-23
8	0.000271	-1.47E-21	-0.003011	1.01E-25	1.52E-06	1.48E-22
9	0.000513	-8.86E-22	-0.003004	2.27E-25	-1.76E-06	5.41E-22
10	0.000750	-2.95E-23	-0.003002	2.43E-25	-1.56E-06	5.40E-22
11	0.000988	8.26E-22	-0.002999	2.43E-25	-1.48E-06	5.40E-22
12	0.000990	8.34E-22	-0.002999	2.43E-25	-1.48E-06	5.40E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVO06 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	-0.000689	8.90E-22	-0.002932	-2.43E-25	1.34E-05	-5.38E-22
2	-0.000687	8.82E-22	-0.002932	-2.43E-25	1.34E-05	-5.38E-22
3	-0.000449	2.95E-23	-0.002953	-2.43E-25	1.35E-05	-5.38E-22
4	-0.000211	-8.24E-22	-0.002975	-2.27E-25	1.37E-05	-5.39E-22
5	3.08E-05	-1.44E-21	-0.003001	-9.17E-26	1.03E-05	-1.87E-22
6	0.000106	-1.51E-21	-0.003007	-3.14E-26	7.59E-06	-8.46E-23
7	0.000196	-1.52E-21	-0.003010	4.09E-26	4.24E-06	4.40E-23
8	0.000271	-1.47E-21	-0.003011	1.01E-25	1.52E-06	1.48E-22
9	0.000513	-8.86E-22	-0.003004	2.27E-25	-1.76E-06	5.41E-22
10	0.000750	-2.95E-23	-0.003002	2.43E-25	-1.56E-06	5.40E-22
11	0.000988	8.26E-22	-0.002999	2.43E-25	-1.48E-06	5.40E-22
12	0.000990	8.34E-22	-0.002999	2.43E-25	-1.48E-06	5.40E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVO07 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000152	1.42E-21	-0.002925	-2.87E-25	1.77E-05	-8.63E-22
2	0.000152	1.40E-21	-0.002925	-2.87E-25	1.77E-05	-8.63E-22
3	0.000152	3.49E-23	-0.002953	-2.87E-25	1.78E-05	-8.63E-22
4	0.000152	-1.33E-21	-0.002981	-2.68E-25	1.78E-05	-8.64E-22
5	0.000152	-2.26E-21	-0.003013	-1.08E-25	1.21E-05	-2.65E-22
6	0.000152	-2.36E-21	-0.003019	-3.71E-26	8.24E-06	-1.16E-22
7	0.000152	-2.37E-21	-0.003023	4.83E-26	3.43E-06	6.75E-23
8	0.000152	-2.30E-21	-0.003023	1.19E-25	-5.10E-07	2.18E-22
9	0.000152	-1.41E-21	-0.003011	2.68E-25	-5.68E-06	8.66E-22
10	0.000152	-3.49E-23	-0.003002	2.87E-25	-5.71E-06	8.65E-22
11	0.000152	1.34E-21	-0.002993	2.87E-25	-5.62E-06	8.65E-22
12	0.000152	1.35E-21	-0.002993	2.87E-25	-5.62E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVO07 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000152	1.42E-21	-0.002925	-2.87E-25	1.77E-05	-8.63E-22
2	0.000152	1.40E-21	-0.002925	-2.87E-25	1.77E-05	-8.63E-22
3	0.000152	3.49E-23	-0.002953	-2.87E-25	1.78E-05	-8.63E-22
4	0.000152	-1.33E-21	-0.002981	-2.68E-25	1.78E-05	-8.64E-22
5	0.000152	-2.26E-21	-0.003013	-1.08E-25	1.21E-05	-2.65E-22
6	0.000152	-2.36E-21	-0.003019	-3.71E-26	8.24E-06	-1.16E-22
7	0.000152	-2.37E-21	-0.003023	4.83E-26	3.43E-06	6.75E-23
8	0.000152	-2.30E-21	-0.003023	1.19E-25	-5.10E-07	2.18E-22
9	0.000152	-1.41E-21	-0.003011	2.68E-25	-5.68E-06	8.66E-22
10	0.000152	-3.49E-23	-0.003002	2.87E-25	-5.71E-06	8.65E-22
11	0.000152	1.34E-21	-0.002993	2.87E-25	-5.62E-06	8.65E-22
12	0.000152	1.35E-21	-0.002993	2.87E-25	-5.62E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVO08 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	-0.000691	8.90E-22	-0.002535	-2.42E-25	1.34E-05	-5.38E-22
2	-0.000689	8.82E-22	-0.002536	-2.42E-25	1.34E-05	-5.38E-22
3	-0.000451	2.94E-23	-0.002557	-2.42E-25	1.34E-05	-5.38E-22
4	-0.000213	-8.24E-22	-0.002578	-2.26E-25	1.37E-05	-5.39E-22
5	2.89E-05	-1.44E-21	-0.002605	-9.12E-26	1.02E-05	-1.87E-22
6	0.000104	-1.51E-21	-0.002610	-3.13E-26	7.51E-06	-8.45E-23
7	0.000194	-1.52E-21	-0.002614	4.07E-26	4.16E-06	4.41E-23
8	0.000269	-1.47E-21	-0.002614	1.01E-25	1.44E-06	1.48E-22
9	0.000511	-8.86E-22	-0.002608	2.26E-25	-1.84E-06	5.41E-22
10	0.000748	-2.94E-23	-0.002605	2.42E-25	-1.64E-06	5.40E-22
11	0.000986	8.26E-22	-0.002602	2.42E-25	-1.55E-06	5.40E-22
12	0.000988	8.34E-22	-0.002602	2.42E-25	-1.55E-06	5.40E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVO08 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	-0.000691	8.90E-22	-0.002535	-2.42E-25	1.34E-05	-5.38E-22
2	-0.000689	8.82E-22	-0.002536	-2.42E-25	1.34E-05	-5.38E-22
3	-0.000451	2.94E-23	-0.002557	-2.42E-25	1.34E-05	-5.38E-22
4	-0.000213	-8.24E-22	-0.002578	-2.26E-25	1.37E-05	-5.39E-22
5	2.89E-05	-1.44E-21	-0.002605	-9.12E-26	1.02E-05	-1.87E-22
6	0.000104	-1.51E-21	-0.002610	-3.13E-26	7.51E-06	-8.45E-23
7	0.000194	-1.52E-21	-0.002614	4.07E-26	4.16E-06	4.41E-23
8	0.000269	-1.47E-21	-0.002614	1.01E-25	1.44E-06	1.48E-22

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.000511	-8.86E-22	-0.002608	2.26E-25	-1.84E-06	5.41E-22
10	0.000748	-2.94E-23	-0.002605	2.42E-25	-1.64E-06	5.40E-22

```
      11        0.000986        8.26E-22
-0.002602        2.42E-25       -1.55E-06
5.40E-22
      12        0.000988        8.34E-22
-0.002602        2.42E-25       -1.55E-06
5.40E-22
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000

 COMB      SVO09 -------------------
MAX

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.000150        1.42E-21
-0.002529       -2.85E-25        1.76E-05
-8.63E-22
       2        0.000150        1.40E-21
-0.002529       -2.85E-25        1.76E-05
-8.63E-22
       3        0.000150        3.47E-23
-0.002557       -2.85E-25        1.77E-05
-8.63E-22
       4        0.000150       -1.33E-21
-0.002585       -2.66E-25        1.77E-05
-8.64E-22
       5        0.000150       -2.26E-21
-0.002616       -1.08E-25        1.21E-05
-2.65E-22
       6        0.000150       -2.36E-21
-0.002622       -3.70E-26        8.17E-06
-1.16E-22
       7        0.000150       -2.37E-21
-0.002626        4.81E-26        3.35E-06
6.76E-23
       8        0.000150       -2.30E-21
-0.002626        1.19E-25       -5.86E-07
2.18E-22
       9        0.000150       -1.41E-21
-0.002614        2.66E-25       -5.76E-06
8.66E-22
      10        0.000150       -3.47E-23
-0.002605        2.85E-25       -5.78E-06
8.65E-22
      11        0.000150        1.34E-21
-0.002596        2.85E-25       -5.70E-06
8.65E-22
      12        0.000150        1.35E-21
-0.002596        2.85E-25       -5.70E-06
8.65E-22
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000

 COMB      SVO09 -------------------
MIN

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.000150        1.42E-21
-0.002529       -2.85E-25        1.76E-05
-8.63E-22
       2        0.000150        1.40E-21
-0.002529       -2.85E-25        1.76E-05
-8.63E-22
       3        0.000150        3.47E-23
-0.002557       -2.85E-25        1.77E-05
-8.63E-22
       4        0.000150       -1.33E-21
-0.002585       -2.66E-25        1.77E-05
-8.64E-22
       5        0.000150       -2.26E-21
-0.002616       -1.08E-25        1.21E-05
-2.65E-22
       6        0.000150       -2.36E-21
-0.002622       -3.70E-26        8.17E-06
-1.16E-22
       7        0.000150       -2.37E-21
-0.002626        4.81E-26        3.35E-06
6.76E-23
       8        0.000150       -2.30E-21
-0.002626        1.19E-25       -5.86E-07
2.18E-22
       9        0.000150       -1.41E-21
-0.002614        2.66E-25       -5.76E-06
8.66E-22
      10        0.000150       -3.47E-23
-0.002605        2.85E-25       -5.78E-06
8.65E-22
      11        0.000150        1.34E-21
-0.002596        2.85E-25       -5.70E-06
8.65E-22
      12        0.000150        1.35E-21
-0.002596        2.85E-25       -5.70E-06
8.65E-22
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000

 COMB      SVO10 -------------------
MAX

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.019942       -4.76E-21
-0.001629        4.38E-23        0.000198
-3.57E-22
       2        0.019945       -4.76E-21
-0.001632        4.38E-23        0.000198
-3.57E-22
       3        0.020182       -5.33E-21
-0.001946        4.38E-23        0.000198
-3.57E-22
       4        0.020419       -5.89E-21
-0.002256        4.09E-23        0.000193
-3.57E-22
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT


                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                50

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

 TRANSLATIONS AND ROTATIONS, IN
GLOBAL COORDINATES

   JOINT             UX              UY
      UZ             RX              RY              RZ
       5        0.020661       -3.20E-21
-0.002503        1.66E-23        0.000168
3.04E-21
       6        0.020736       -1.61E-21
-0.002566        5.67E-24        0.000161
3.30E-21
       7        0.020826        4.11E-22
-0.002639       -7.38E-24        0.000159
3.38E-21
       8        0.020901        2.07E-21
-0.002699       -1.83E-23        0.000163
3.23E-21
       9        0.021142        5.30E-21
-0.002923       -4.09E-23        0.000182
1.77E-23
      10        0.021380        5.33E-21
-0.003216       -4.38E-23        0.000188
1.77E-23
      11        0.021617        5.36E-21
-0.003514       -4.38E-23        0.000188
1.77E-23
      12        0.021620        5.36E-21
-0.003516       -4.38E-23        0.000188
1.77E-23
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000

 COMB      SVO10 -------------------
MIN

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.019942       -4.76E-21
-0.001629        4.38E-23        0.000198
-3.57E-22
       2        0.019945       -4.76E-21
-0.001632        4.38E-23        0.000198
-3.57E-22
       3        0.020182       -5.33E-21
-0.001946        4.38E-23        0.000198
-3.57E-22
       4        0.020419       -5.89E-21
-0.002256        4.09E-23        0.000193
-3.57E-22
       5        0.020661       -3.20E-21
-0.002503        1.66E-23        0.000168
3.04E-21
       6        0.020736       -1.61E-21
-0.002566        5.67E-24        0.000161
3.30E-21
       7        0.020826        4.11E-22
-0.002639       -7.38E-24        0.000159
3.38E-21
       8        0.020901        2.07E-21
-0.002699       -1.83E-23        0.000163
3.23E-21
       9        0.021142        5.30E-21
-0.002923       -4.09E-23        0.000182
1.77E-23
      10        0.021380        5.33E-21
-0.003216       -4.38E-23        0.000188
1.77E-23
      11        0.021617        5.36E-21
-0.003514       -4.38E-23        0.000188
1.77E-23
      12        0.021620        5.36E-21
-0.003516       -4.38E-23        0.000188
1.77E-23
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000

 COMB      SVO11 -------------------
MAX

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.020783       -4.23E-21
-0.001622        4.38E-23        0.000202
-6.82E-22
       2        0.020783       -4.24E-21
-0.001625        4.38E-23        0.000202
-6.82E-22
       3        0.020783       -5.32E-21
-0.001946        4.38E-23        0.000203
-6.82E-22
       4        0.020783       -6.40E-21
-0.002262        4.09E-23        0.000197
-6.83E-22
       5        0.020782       -4.02E-21
-0.002515        1.65E-23        0.000170
2.96E-21
       6        0.020782       -2.45E-21
-0.002579        5.67E-24        0.000162
3.27E-21
       7        0.020782       -4.40E-22
-0.002651       -7.37E-24        0.000158
3.40E-21
       8        0.020782        1.24E-21
-0.002710       -1.82E-23        0.000161
3.30E-21
       9        0.020782        4.78E-21
-0.002930       -4.09E-23        0.000178
3.44E-22
      10        0.020781        5.32E-21
-0.003216       -4.38E-23        0.000184
3.43E-22
      11        0.020781        5.87E-21
-0.003507       -4.38E-23        0.000184
3.43E-22
      12        0.020781        5.87E-21
-0.003510       -4.38E-23        0.000184
3.43E-22
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT


                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                51

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

 TRANSLATIONS AND ROTATIONS, IN
GLOBAL COORDINATES

 COMB      SVO11 -------------------
MIN

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.020783       -4.23E-21
-0.001622        4.38E-23        0.000202
-6.82E-22
       2        0.020783       -4.24E-21
-0.001625        4.38E-23        0.000202
-6.82E-22
       3        0.020783       -5.32E-21
-0.001946        4.38E-23        0.000203
-6.82E-22
       4        0.020783       -6.40E-21
-0.002262        4.09E-23        0.000197
-6.83E-22
       5        0.020782       -4.02E-21
-0.002515        1.65E-23        0.000170
2.96E-21
       6        0.020782       -2.45E-21
-0.002579        5.67E-24        0.000162
3.27E-21
       7        0.020782       -4.40E-22
-0.002651       -7.37E-24        0.000158
3.40E-21
       8        0.020782        1.24E-21
-0.002710       -1.82E-23        0.000161
3.30E-21
       9        0.020782        4.78E-21
-0.002930       -4.09E-23        0.000178
3.44E-22
      10        0.020781        5.32E-21
-0.003216       -4.38E-23        0.000184
3.43E-22
      11        0.020781        5.87E-21
-0.003507       -4.38E-23        0.000184
3.43E-22
      12        0.020781        5.87E-21
-0.003510       -4.38E-23        0.000184
3.43E-22
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000

 COMB      SVO12 -------------------
MAX

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.011443       -2.47E-21
-0.002384        2.63E-23        0.000125
-4.58E-22
       2        0.011445       -2.47E-21
-0.002386        2.63E-23        0.000125
-4.58E-22
       3        0.011683       -3.20E-21
-0.002585        2.63E-23        0.000125
-4.58E-22
       4        0.011920       -3.93E-21
-0.002781        2.46E-23        0.000122
-4.58E-22
       5        0.012162       -2.57E-21
-0.002941        9.94E-24        0.000105
1.75E-21
       6        0.012237       -1.64E-21
-0.002981        3.41E-24        0.000100
1.95E-21
       7        0.012327       -4.32E-22
-0.003027       -4.43E-24        9.75E-05
2.06E-21
       8        0.012402        5.90E-22
-0.003063       -1.10E-23        9.85E-05
2.01E-21
       9        0.012644        2.80E-21
-0.003195       -2.46E-23        0.000109
2.54E-22
      10        0.012881        3.20E-21
-0.003370       -2.63E-23        0.000112
2.54E-22
      11        0.013119        3.60E-21
-0.003548       -2.63E-23        0.000112
2.54E-22
      12        0.013121        3.61E-21
-0.003550       -2.63E-23        0.000112
2.54E-22
      13        .000000         .000000
.000000         .000000         .000000
.000000
      14        .000000         .000000
.000000         .000000         .000000
.000000

 COMB      SVO12 -------------------
MIN

   JOINT             UX              UY
      UZ             RX              RY              RZ
       1        0.011443       -2.47E-21
-0.002384        2.63E-23        0.000125
-4.58E-22
       2        0.011445       -2.47E-21
-0.002386        2.63E-23        0.000125
-4.58E-22
       3        0.011683       -3.20E-21
-0.002585        2.63E-23        0.000125
-4.58E-22
       4        0.011920       -3.93E-21
-0.002781        2.46E-23        0.000122
-4.58E-22
       5        0.012162       -2.57E-21
-0.002941        9.94E-24        0.000105
1.75E-21
       6        0.012237       -1.64E-21
-0.002981        3.41E-24        0.000100
1.95E-21
       7        0.012327       -4.32E-22
-0.003027       -4.43E-24        9.75E-05
2.06E-21
       8        0.012402        5.90E-22
-0.003063       -1.10E-23        9.85E-05
2.01E-21
       9        0.012644        2.80E-21
-0.003195       -2.46E-23        0.000109
2.54E-22
      10        0.012881        3.20E-21
-0.003370       -2.63E-23        0.000112
2.54E-22
      11        0.013119        3.60E-21
-0.003548       -2.63E-23        0.000112
2.54E-22
      12        0.013121        3.61E-21
-0.003550       -2.63E-23        0.000112
2.54E-22
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT


                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                52

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

 TRANSLATIONS AND ROTATIONS, IN
GLOBAL COORDINATES

   JOINT             UX              UY
```

UZ RX RY RZ
13 .000000 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO13 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.012284 -1.94E-21
-0.002378 2.63E-23 0.000129
-7.83E-22
2 0.012284 -1.95E-21
-0.002380 2.63E-23 0.000129
-7.83E-22
3 0.012284 -3.19E-21
-0.002585 2.63E-23 0.000130
-7.83E-22
4 0.012284 -4.44E-21
-0.002788 2.45E-23 0.000126
-7.84E-22
5 0.012283 -3.39E-21
-0.002953 9.92E-24 0.000107
1.67E-21
6 0.012283 -2.49E-21
-0.002994 3.40E-24 0.000101
1.92E-21
7 0.012283 -1.28E-21
-0.003039 -4.42E-24 9.67E-05
2.08E-21
8 0.012283 -2.38E-22
-0.003075 -1.09E-23 9.65E-05
2.08E-21
9 0.012283 2.28E-21
-0.003202 -2.45E-23 0.000105
5.80E-22
10 0.012283 3.19E-21
-0.003370 -2.63E-23 0.000108
5.80E-22
11 0.012283 4.11E-21
-0.003542 -2.63E-23 0.000108
5.80E-22
12 0.012283 4.12E-21
-0.003543 -2.63E-23 0.000108
5.80E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO13 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.012284 -1.94E-21
-0.002378 2.63E-23 0.000129
-7.83E-22
2 0.012284 -1.95E-21
-0.002380 2.63E-23 0.000129
-7.83E-22
3 0.012284 -3.19E-21
-0.002585 2.63E-23 0.000130
-7.83E-22
4 0.012284 -4.44E-21
-0.002788 2.45E-23 0.000126
-7.84E-22
5 0.012283 -3.39E-21
-0.002953 9.92E-24 0.000107
1.67E-21
6 0.012283 -2.49E-21
-0.002994 3.40E-24 0.000101
1.92E-21
7 0.012283 -1.28E-21
-0.003039 -4.42E-24 9.67E-05
2.08E-21
8 0.012283 -2.38E-22
-0.003075 -1.09E-23 9.65E-05
2.08E-21
9 0.012283 2.28E-21
-0.003202 -2.45E-23 0.000105
5.80E-22
10 0.012283 3.19E-21
-0.003370 -2.63E-23 0.000108
5.80E-22
11 0.012283 4.11E-21
-0.003542 -2.63E-23 0.000108
5.80E-22
12 0.012283 4.12E-21
-0.003543 -2.63E-23 0.000108
5.80E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO14 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.011441 -2.47E-21
-0.001988 2.63E-23 0.000125
-4.58E-22
2 0.011443 -2.47E-21
-0.001990 2.63E-23 0.000125
-4.58E-22
3 0.011681 -3.20E-21
-0.002188 2.63E-23 0.000125
-4.58E-22
4 0.011918 -3.93E-21
-0.002384 2.46E-23 0.000122
-4.58E-22
5 0.012160 -2.57E-21
-0.002544 9.94E-24 0.000105
1.75E-21
6 0.012235 -1.64E-21
-0.002585 3.41E-24 0.000100
1.95E-21
7 0.012325 -4.32E-22
-0.002630 -4.43E-24 9.75E-05
2.06E-21
8 0.012400 5.90E-22
-0.002666 -1.10E-23 9.85E-05
2.01E-21
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체 53

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

TRANSLATIONS AND ROTATIONS, IN
GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
9 0.012642 2.80E-21
-0.002798 -2.46E-23 0.000109
2.54E-22
10 0.012879 3.20E-21
-0.002973 -2.63E-23 0.000112
2.54E-22
11 0.013117 3.60E-21
-0.003151 -2.63E-23 0.000112
2.54E-22
12 0.013119 3.61E-21
-0.003153 -2.63E-23 0.000112
2.54E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO14 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.011441 -2.47E-21
-0.001988 2.63E-23 0.000125
-4.58E-22
2 0.011443 -2.47E-21
-0.001990 2.63E-23 0.000125
-4.58E-22
3 0.011681 -3.20E-21
-0.002188 2.63E-23 0.000125
-4.58E-22
4 0.011918 -3.93E-21
-0.002384 2.46E-23 0.000122
-4.58E-22
5 0.012160 -2.57E-21
-0.002544 9.94E-24 0.000105
1.75E-21
6 0.012235 -1.64E-21
-0.002585 3.41E-24 0.000100
1.95E-21
7 0.012325 -4.32E-22
-0.002630 -4.43E-24 9.75E-05
2.06E-21
8 0.012400 5.90E-22
-0.002666 -1.10E-23 9.85E-05
2.01E-21
9 0.012642 2.80E-21
-0.002798 -2.46E-23 0.000109
2.54E-22
10 0.012879 3.20E-21
-0.002973 -2.63E-23 0.000112
2.54E-22
11 0.013117 3.60E-21
-0.003151 -2.63E-23 0.000112
2.54E-22
12 0.013119 3.61E-21
-0.003153 -2.63E-23 0.000112
2.54E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO15 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.012282 -1.94E-21
-0.001981 2.63E-23 0.000129
-7.83E-22
2 0.012282 -1.95E-21
-0.001983 2.63E-23 0.000129
-7.83E-22
3 0.012282 -3.19E-21
-0.002188 2.63E-23 0.000129
-7.83E-22
4 0.012282 -4.44E-21
-0.002391 2.45E-23 0.000126
-7.84E-22
5 0.012281 -3.39E-21
-0.002556 9.92E-24 0.000107
1.67E-21
6 0.012281 -2.49E-21
-0.002597 3.40E-24 0.000101
1.92E-21
7 0.012281 -1.28E-21
-0.002642 -4.42E-24 9.67E-05
2.08E-21
8 0.012281 -2.38E-22
-0.002678 -1.09E-23 9.64E-05
2.08E-21
9 0.012281 2.28E-21
-0.002805 -2.45E-23 0.000105
5.80E-22
10 0.012281 3.19E-21
-0.002973 -2.63E-23 0.000108
5.80E-22
11 0.012281 4.11E-21
-0.003144 -2.63E-23 0.000108
5.80E-22
12 0.012281 4.12E-21
-0.003146 -2.63E-23 0.000108
5.80E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVO15 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.012282 -1.94E-21
-0.001981 2.63E-23 0.000129
-7.83E-22
2 0.012282 -1.95E-21
-0.001983 2.63E-23 0.000129
-7.83E-22
3 0.012282 -3.19E-21
-0.002188 2.63E-23 0.000129
-7.83E-22
4 0.012282 -4.44E-21
-0.002391 2.45E-23 0.000126
-7.84E-22
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체 54

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

TRANSLATIONS AND ROTATIONS, IN
GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
5 0.012281 -3.39E-21
-0.002556 9.92E-24 0.000107
1.67E-21
6 0.012281 -2.49E-21
-0.002597 3.40E-24 0.000101
1.92E-21
7 0.012281 -1.28E-21
-0.002642 -4.42E-24 9.67E-05
2.08E-21
8 0.012281 -2.38E-22
-0.002678 -1.09E-23 9.64E-05
2.08E-21
9 0.012281 2.28E-21
-0.002805 -2.45E-23 0.000105
5.80E-22
10 0.012281 3.19E-21
-0.002973 -2.63E-23 0.000108
5.80E-22
11 0.012281 4.11E-21
-0.003144 -2.63E-23 0.000108
5.80E-22
12 0.012281 4.12E-21
-0.003146 -2.63E-23 0.000108
5.80E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000

COMB ULO01 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000199 1.84E-21
-0.004139 -3.74E-25 2.31E-05
-1.12E-21
2 0.000199 1.82E-21
-0.004140 -3.74E-25 2.31E-05
-1.12E-21
3 0.000199 4.55E-23
-0.004176 -3.74E-25 2.32E-05
-1.12E-21
4 0.000199 -1.73E-21
-0.004213 -3.49E-25 2.32E-05
-1.12E-21
5 0.000199 -2.94E-21
-0.004254 -1.41E-25 1.58E-05
-3.44E-22
6 0.000199 -3.06E-21
-0.004262 -4.84E-26 1.08E-05
-1.51E-22
7 0.000199 -3.08E-21
-0.004267 6.29E-26 4.52E-06
8.77E-23
8 0.000199 -2.99E-21
-0.004267 1.56E-25 -5.99E-07
2.83E-22
9 0.000199 -1.83E-21
-0.004251 3.49E-25 -7.32E-06
1.13E-21
10 0.000199 -4.55E-23
-0.004240 3.74E-25 -7.36E-06
1.12E-21
11 0.000199 1.74E-21
-0.004228 3.74E-25 -7.25E-06
1.12E-21
12 0.000199 1.75E-21
-0.004228 3.74E-25 -7.25E-06
1.12E-21
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB ULO01 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000199 1.84E-21
-0.004139 -3.74E-25 2.31E-05
-1.12E-21
2 0.000199 1.82E-21
-0.004140 -3.74E-25 2.31E-05
-1.12E-21
3 0.000199 4.55E-23
-0.004176 -3.74E-25 2.32E-05
-1.12E-21
4 0.000199 -1.73E-21
-0.004213 -3.49E-25 2.32E-05
-1.12E-21
5 0.000199 -2.94E-21
-0.004254 -1.41E-25 1.58E-05
-3.44E-22
6 0.000199 -3.06E-21
-0.004262 -4.84E-26 1.08E-05
-1.51E-22
7 0.000199 -3.08E-21
-0.004267 6.29E-26 4.52E-06
8.77E-23
8 0.000199 -2.99E-21
-0.004267 1.56E-25 -5.99E-07
2.83E-22
9 0.000199 -1.83E-21
-0.004251 3.49E-25 -7.32E-06
1.13E-21
10 0.000199 -4.55E-23
-0.004240 3.74E-25 -7.36E-06
1.12E-21
11 0.000199 1.74E-21
-0.004228 3.74E-25 -7.25E-06
1.12E-21
12 0.000199 1.75E-21
-0.004228 3.74E-25 -7.25E-06
1.12E-21
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체 55

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULO02 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	1.84E-21	-0.003287	-3.71E-25	2.29E-05	-1.12E-21
2	0.000195	1.82E-21	-0.003288	-3.71E-25	2.29E-05	-1.12E-21
3	0.000195	4.51E-23	-0.003324	-3.71E-25	2.30E-05	-1.12E-21
4	0.000195	-1.73E-21	-0.003360	-3.46E-25	2.30E-05	-1.12E-21
5	0.000195	-2.94E-21	-0.003401	-1.40E-25	1.57E-05	-3.44E-22
6	0.000195	-3.06E-21	-0.003409	-4.81E-26	1.06E-05	-1.51E-22
7	0.000195	-3.08E-21	-0.003414	6.25E-26	4.36E-06	8.79E-23
8	0.000195	-2.99E-21	-0.003414	1.55E-25	-7.62E-07	2.83E-22
9	0.000195	-1.83E-21	-0.003398	3.46E-25	-7.48E-06	1.13E-21
10	0.000195	-4.51E-23	-0.003386	3.71E-25	-7.52E-06	1.12E-21
11	0.000195	1.74E-21	-0.003374	3.71E-25	-7.41E-06	1.12E-21
12	0.000195	1.75E-21	-0.003374	3.71E-25	-7.41E-06	1.12E-21
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO02 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000195	1.84E-21	-0.003287	-3.71E-25	2.29E-05	-1.12E-21
2	0.000195	1.82E-21	-0.003288	-3.71E-25	2.29E-05	-1.12E-21
3	0.000195	4.51E-23	-0.003324	-3.71E-25	2.30E-05	-1.12E-21
4	0.000195	-1.73E-21	-0.003360	-3.46E-25	2.30E-05	-1.12E-21
5	0.000195	-2.94E-21	-0.003401	-1.40E-25	1.57E-05	-3.44E-22
6	0.000195	-3.06E-21	-0.003409	-4.81E-26	1.06E-05	-1.51E-22
7	0.000195	-3.08E-21	-0.003414	6.25E-26	4.36E-06	8.79E-23
8	0.000195	-2.99E-21	-0.003414	1.55E-25	-7.62E-07	2.83E-22
9	0.000195	-1.83E-21	-0.003398	3.46E-25	-7.48E-06	1.13E-21
10	0.000195	-4.51E-23	-0.003386	3.71E-25	-7.52E-06	1.12E-21
11	0.000195	1.74E-21	-0.003374	3.71E-25	-7.41E-06	1.12E-21
12	0.000195	1.75E-21	-0.003374	3.71E-25	-7.41E-06	1.12E-21
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO03 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.027018	-5.50E-21	-0.002108	5.69E-23	0.000263	-8.86E-22
2	0.027018	-5.52E-21	-0.002112	5.69E-23	0.000263	-8.86E-22
3	0.027018	-6.92E-21	-0.002529	5.69E-23	0.000263	-8.86E-22
4	0.027018	-8.33E-21	-0.002941	5.31E-23	0.000256	-8.87E-22
5	0.027017	-5.22E-21	-0.003269	2.15E-23	0.000220	3.84E-21
6	0.027017	-3.19E-21	-0.003352	7.37E-24	0.000210	4.25E-21
7	0.027017	-5.72E-22	-0.003446	-9.58E-24	0.000206	4.42E-21
8	0.027016	1.62E-21	-0.003524	-2.37E-23	0.000209	4.29E-21
9	0.027016	6.21E-21	-0.003809	-5.31E-23	0.000231	4.47E-22
10	0.027016	6.92E-21	-0.004180	-5.69E-23	0.000239	4.46E-22
11	0.027016	7.63E-21	-0.004559	-5.69E-23	0.000239	4.46E-22
12	0.027016	7.63E-21	-0.004563	-5.69E-23	0.000239	4.46E-22

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 56

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO03 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.027018	-5.50E-21	-0.002108	5.69E-23	0.000263	-8.86E-22
2	0.027018	-5.52E-21	-0.002112	5.69E-23	0.000263	-8.86E-22
3	0.027018	-6.92E-21	-0.002529	5.69E-23	0.000263	-8.86E-22
4	0.027018	-8.33E-21	-0.002941	5.31E-23	0.000256	-8.87E-22
5	0.027017	-5.22E-21	-0.003269	2.15E-23	0.000220	3.84E-21
6	0.027017	-3.19E-21	-0.003352	7.37E-24	0.000210	4.25E-21
7	0.027017	-5.72E-22	-0.003446	-9.58E-24	0.000206	4.42E-21
8	0.027016	1.62E-21	-0.003524	-2.37E-23	0.000209	4.29E-21
9	0.027016	6.21E-21	-0.003809	-5.31E-23	0.000231	4.47E-22
10	0.027016	6.92E-21	-0.004180	-5.69E-23	0.000239	4.46E-22
11	0.027016	7.63E-21	-0.004559	-5.69E-23	0.000239	4.46E-22
12	0.027016	7.63E-21	-0.004563	-5.69E-23	0.000239	4.46E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO04 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.015969	-2.52E-21	-0.003091	3.41E-23	0.000168	-1.02E-21
2	0.015969	-2.54E-21	-0.003094	3.41E-23	0.000168	-1.02E-21
3	0.015969	-4.15E-21	-0.003360	3.41E-23	0.000168	-1.02E-21
4	0.015969	-5.77E-21	-0.003624	3.19E-23	0.000164	-1.02E-21
5	0.015968	-4.41E-21	-0.003839	1.29E-23	0.000139	2.17E-21
6	0.015968	-3.24E-21	-0.003892	4.42E-24	0.000131	2.50E-21
7	0.015968	-1.67E-21	-0.003951	-5.75E-24	0.000126	2.70E-21
8	0.015968	-3.09E-22	-0.003997	-1.42E-23	0.000125	2.71E-21
9	0.015968	2.96E-21	-0.004162	-3.19E-23	0.000136	7.54E-22
10	0.015968	4.15E-21	-0.004381	-3.41E-23	0.000141	7.53E-22
11	0.015968	5.35E-21	-0.004604	-3.41E-23	0.000141	7.53E-22
12	0.015968	5.36E-21	-0.004606	-3.41E-23	0.000141	7.53E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO04 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.015969	-2.52E-21	-0.003091	3.41E-23	0.000168	-1.02E-21
2	0.015969	-2.54E-21	-0.003094	3.41E-23	0.000168	-1.02E-21
3	0.015969	-4.15E-21	-0.003360	3.41E-23	0.000168	-1.02E-21
4	0.015969	-5.77E-21	-0.003624	3.19E-23	0.000164	-1.02E-21
5	0.015968	-4.41E-21	-0.003839	1.29E-23	0.000139	2.17E-21
6	0.015968	-3.24E-21	-0.003892	4.42E-24	0.000131	2.50E-21
7	0.015968	-1.67E-21	-0.003951	-5.75E-24	0.000126	2.70E-21
8	0.015968	-3.09E-22	-0.003997	-1.42E-23	0.000125	2.71E-21

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 57

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.015968	2.96E-21	-0.004162	-3.19E-23	0.000136	7.54E-22
10	0.015968	4.15E-21	-0.004381	-3.41E-23	0.000141	7.53E-22
11	0.015968	5.35E-21	-0.004604	-3.41E-23	0.000141	7.53E-22
12	0.015968	5.36E-21	-0.004606	-3.41E-23	0.000141	7.53E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO05 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.015967	-2.52E-21	-0.002576	3.41E-23	0.000168	-1.02E-21
2	0.015967	-2.54E-21	-0.002578	3.41E-23	0.000168	-1.02E-21
3	0.015966	-4.15E-21	-0.002845	3.41E-23	0.000168	-1.02E-21
4	0.015966	-5.77E-21	-0.003108	3.19E-23	0.000164	-1.02E-21
5	0.015966	-4.41E-21	-0.003323	1.29E-23	0.000139	2.17E-21
6	0.015966	-3.24E-21	-0.003376	4.42E-24	0.000131	2.50E-21
7	0.015966	-1.67E-21	-0.003435	-5.75E-24	0.000126	2.70E-21
8	0.015966	-3.09E-22	-0.003481	-1.42E-23	0.000125	2.71E-21
9	0.015965	2.96E-21	-0.003646	-3.19E-23	0.000136	7.54E-22
10	0.015965	4.15E-21	-0.003865	-3.41E-23	0.000140	7.53E-22
11	0.015965	5.35E-21	-0.004088	-3.41E-23	0.000141	7.53E-22
12	0.015965	5.36E-21	-0.004090	-3.41E-23	0.000141	7.53E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO05 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.015967	-2.52E-21	-0.002576	3.41E-23	0.000168	-1.02E-21
2	0.015967	-2.54E-21	-0.002578	3.41E-23	0.000168	-1.02E-21
3	0.015966	-4.15E-21	-0.002845	3.41E-23	0.000168	-1.02E-21
4	0.015966	-5.77E-21	-0.003108	3.19E-23	0.000164	-1.02E-21
5	0.015966	-4.41E-21	-0.003323	1.29E-23	0.000139	2.17E-21
6	0.015966	-3.24E-21	-0.003376	4.42E-24	0.000131	2.50E-21
7	0.015966	-1.67E-21	-0.003435	-5.75E-24	0.000126	2.70E-21
8	0.015966	-3.09E-22	-0.003481	-1.42E-23	0.000125	2.71E-21
9	0.015965	2.96E-21	-0.003646	-3.19E-23	0.000136	7.54E-22
10	0.015965	4.15E-21	-0.003865	-3.41E-23	0.000140	7.53E-22
11	0.015965	5.35E-21	-0.004088	-3.41E-23	0.000141	7.53E-22
12	0.015965	5.36E-21	-0.004090	-3.41E-23	0.000141	7.53E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO06 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	-0.000896	1.16E-21	-0.003811	-3.16E-25	1.75E-05	-6.99E-22
2	-0.000893	1.15E-21	-0.003811	-3.16E-25	1.75E-05	-6.99E-22
3	-0.000584	3.84E-23	-0.003839	-3.16E-25	1.76E-05	

-6.99E-22
4 -0.000275 -1.07E-21
-0.003867 -2.95E-25 1.79E-05
-7.00E-22

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
5 4.01E-05 -1.87E-21
-0.003902 -1.19E-25 1.33E-05
-2.43E-22
6 0.000137 -1.96E-21
-0.003909 -4.09E-26 9.87E-06
-1.10E-22
7 0.000254 -1.98E-21
-0.003913 5.31E-26 5.51E-06
5.72E-23
8 0.000352 -1.91E-21
-0.003914 1.32E-25 1.98E-06
1.93E-22
9 0.000667 -1.15E-21
-0.003906 2.95E-25 -2.29E-06
7.03E-22
10 0.000975 -3.84E-23
-0.003902 3.16E-25 -2.03E-06
7.02E-22
11 0.001285 1.07E-21
-0.003899 3.16E-25 -1.92E-06
7.02E-22
12 0.001287 1.08E-21
-0.003899 3.16E-25 -1.92E-06
7.02E-22
13 .000000 .000000
.000000 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
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COMB ULO06 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 -0.000896 1.16E-21
-0.003811 -3.16E-25 1.75E-05
-6.99E-22
2 -0.000893 1.15E-21
-0.003811 -3.16E-25 1.75E-05
-6.99E-22
3 -0.000584 3.84E-23
-0.003839 -3.16E-25 1.76E-05
-6.99E-22
4 -0.000275 -1.07E-21
-0.003867 -2.95E-25 1.79E-05
-7.00E-22
5 4.01E-05 -1.87E-21
-0.003902 -1.19E-25 1.33E-05
-2.43E-22
6 0.000137 -1.96E-21
-0.003909 -4.09E-26 9.87E-06
-1.10E-22
7 0.000254 -1.98E-21
-0.003913 5.31E-26 5.51E-06
5.72E-23
8 0.000352 -1.91E-21
-0.003914 1.32E-25 1.98E-06
1.93E-22
9 0.000667 -1.15E-21
-0.003906 2.95E-25 -2.29E-06
7.03E-22
10 0.000975 -3.84E-23
-0.003902 3.16E-25 -2.03E-06
7.02E-22
11 0.001285 1.07E-21
-0.003899 3.16E-25 -1.92E-06
7.02E-22
12 0.001287 1.08E-21
-0.003899 3.16E-25 -1.92E-06
7.02E-22
13 .000000 .000000
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14 .000000 .000000
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COMB ULO07 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000198 1.84E-21
-0.003802 -3.73E-25 2.30E-05
-1.12E-21
2 0.000198 1.82E-21
-0.003803 -3.73E-25 2.30E-05
-1.12E-21
3 0.000198 4.53E-23
-0.003839 -3.73E-25 2.31E-05
-1.12E-21
4 0.000198 -1.73E-21
-0.003876 -3.48E-25 2.31E-05
-1.12E-21
5 0.000198 -2.94E-21
-0.003917 -1.41E-25 1.58E-05
-3.44E-22
6 0.000198 -3.06E-21
-0.003925 -4.83E-26 1.07E-05
-1.51E-22
7 0.000198 -3.08E-21
-0.003929 6.27E-26 4.46E-06
8.78E-23
8 0.000198 -2.99E-21
-0.003929 1.55E-25 -6.63E-07
2.83E-22
9 0.000197 -1.83E-21
-0.003914 3.48E-25 -7.38E-06
1.13E-21
10 0.000197 -4.53E-23
-0.003902 3.73E-25 -7.42E-06
1.12E-21
11 0.000197 1.74E-21
-0.003891 3.73E-25 -7.31E-06
1.12E-21
12 0.000197 1.75E-21
-0.003890 3.73E-25 -7.31E-06
1.12E-21
13 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
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COMB ULO08 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 -0.000898 1.16E-21
-0.003296 -3.14E-25 1.74E-05
-6.99E-22
2 -0.000895 1.15E-21
-0.003296 -3.14E-25 1.74E-05
-6.99E-22
3 -0.000586 3.82E-23
-0.003324 -3.14E-25 1.75E-05
-6.99E-22
4 -0.000277 -1.07E-21
-0.003352 -2.93E-25 1.78E-05
-7.00E-22
5 3.76E-05 -1.87E-21
-0.003386 -1.19E-25 1.32E-05
-2.43E-22
6 0.000135 -1.96E-21
-0.003393 -4.07E-26 9.77E-06
-1.10E-22
7 0.000252 -1.98E-21
-0.003398 5.29E-26 5.41E-06
5.74E-23
8 0.000349 -1.91E-21
-0.003399 1.31E-25 1.88E-06
1.93E-22
9 0.000664 -1.15E-21
-0.003390 2.93E-25 -2.39E-06
7.03E-22
10 0.000973 -3.82E-23
-0.003386 3.14E-25 -2.13E-06
7.02E-22
11 0.001282 1.07E-21
-0.003383 3.14E-25 -2.02E-06
7.02E-22
12 0.001285 1.08E-21
-0.003383 3.14E-25 -2.02E-06
7.02E-22
13 .000000 .000000
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14 .000000 .000000
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COMB ULO08 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 -0.000898 1.16E-21
-0.003296 -3.14E-25 1.74E-05
-6.99E-22
2 -0.000895 1.15E-21
-0.003296 -3.14E-25 1.74E-05
-6.99E-22
3 -0.000586 3.82E-23
-0.003324 -3.14E-25 1.75E-05
-6.99E-22
4 -0.000277 -1.07E-21
-0.003352 -2.93E-25 1.78E-05
-7.00E-22
5 3.76E-05 -1.87E-21
-0.003386 -1.19E-25 1.32E-05
-2.43E-22
6 0.000135 -1.96E-21
-0.003393 -4.07E-26 9.77E-06
-1.10E-22
7 0.000252 -1.98E-21
-0.003398 5.29E-26 5.41E-06
5.74E-23
8 0.000349 -1.91E-21
-0.003399 1.31E-25 1.88E-06
1.93E-22
9 0.000664 -1.15E-21
-0.003390 2.93E-25 -2.39E-06
7.03E-22
10 0.000973 -3.82E-23
-0.003386 3.14E-25 -2.13E-06
7.02E-22
11 0.001282 1.07E-21
-0.003383 3.14E-25 -2.02E-06
7.02E-22
12 0.001285 1.08E-21
-0.003383 3.14E-25 -2.02E-06
7.02E-22

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
13 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
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COMB ULO09 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.024928 -5.95E-21
-0.002036 5.48E-23 0.000248
-4.46E-22
2 0.024931 -5.95E-21
-0.002039 5.48E-23 0.000248
-4.46E-22
3 0.025228 -6.66E-21
-0.002432 5.48E-23 0.000248
-4.46E-22
4 0.025524 -7.37E-21
-0.002820 5.11E-23 0.000241
-4.46E-22
5 0.025826 -4.00E-21
-1.12E-21
2 0.000195 1.82E-21
-0.003288 -3.71E-25 2.29E-05
-1.12E-21
3 0.000195 4.51E-23
-0.003324 -3.71E-25 2.30E-05
-1.12E-21
4 0.000195 -1.73E-21
-0.003360 -3.46E-25 2.30E-05
-1.12E-21
5 0.000195 -2.94E-21
-0.003401 -1.40E-25 1.57E-05
-3.44E-22
6 0.000195 -3.06E-21
-0.003409 -4.81E-26 1.06E-05
-1.51E-22
7 0.000195 -3.08E-21
-0.003414 6.25E-26 4.36E-06
8.79E-23
8 0.000195 -2.99E-21
-0.003414 1.55E-25 -7.62E-07
2.83E-22
9 0.000195 -1.83E-21
-0.003398 3.46E-25 -7.48E-06
1.13E-21
10 0.000195 -4.51E-23
-0.003386 3.71E-25 -7.52E-06
1.12E-21
11 0.000195 1.74E-21
-0.003374 3.71E-25 -7.41E-06
1.12E-21
12 0.000195 1.75E-21
-0.003374 3.71E-25 -7.41E-06
1.12E-21
13 .000000 .000000
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14 .000000 .000000
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COMB ULO09 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000195 1.84E-21
-0.003287 -3.71E-25 2.29E-05
-1.12E-21
2 0.000195 1.82E-21
-0.003288 -3.71E-25 2.29E-05
-1.12E-21
3 0.000195 4.51E-23
-0.003324 -3.71E-25 2.30E-05
-1.12E-21
4 0.000195 -1.73E-21
-0.003360 -3.46E-25 2.30E-05
-1.12E-21
5 0.000195 -2.94E-21
-0.003401 -1.40E-25 1.57E-05
-3.44E-22
6 0.000195 -3.06E-21
-0.003409 -4.81E-26 1.06E-05
-1.51E-22
7 0.000195 -3.08E-21
-0.003414 6.25E-26 4.36E-06
8.79E-23
8 0.000195 -2.99E-21
-0.003414 1.55E-25 -7.62E-07
2.83E-22
9 0.000195 -1.83E-21
-0.003398 3.46E-25 -7.48E-06
1.13E-21
10 0.000195 -4.51E-23
-0.003386 3.71E-25 -7.52E-06
1.12E-21
11 0.000195 1.74E-21
-0.003374 3.71E-25 -7.41E-06
1.12E-21
12 0.000195 1.75E-21
-0.003374 3.71E-25 -7.41E-06
1.12E-21
13 .000000 .000000
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14 .000000 .000000
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COMB ULO10 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.024928 -5.95E-21
-0.002036 5.48E-23 0.000248
-4.46E-22
2 0.024931 -5.95E-21
-0.002039 5.48E-23 0.000248
-4.46E-22
3 0.025228 -6.66E-21
-0.002432 5.48E-23 0.000248
-4.46E-22
4 0.025524 -7.37E-21
-0.002820 5.11E-23 0.000241
-4.46E-22
5 0.025826 -4.00E-21

-0.003129 2.07E-23 0.000210
3.79E-21
6 0.025920 -2.01E-21
-0.003208 7.09E-24 0.000201
4.13E-21
7 0.026032 5.14E-22
-0.003298 -9.22E-24 0.000199
4.22E-21
8 0.026126 2.59E-21
-0.003374 -2.28E-23 0.000203
4.04E-21

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
9 0.026428 6.63E-21
-0.003654 -5.11E-23 0.000227
2.21E-23
10 0.026725 6.66E-21
-0.004020 -5.48E-23 0.000235
2.21E-23
11 0.027022 6.70E-21
-0.004392 -5.48E-23 0.000235
2.21E-23
12 0.027025 6.70E-21
-0.004395 -5.48E-23 0.000235
2.21E-23
13 .000000 .000000
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14 .000000 .000000
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COMB ULO10 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.024928 -5.95E-21
-0.002036 5.48E-23 0.000248
-4.46E-22
2 0.024931 -5.95E-21
-0.002039 5.48E-23 0.000248
-4.46E-22
3 0.025228 -6.66E-21
-0.002432 5.48E-23 0.000248
-4.46E-22
4 0.025524 -7.37E-21
-0.002820 5.11E-23 0.000241
-4.46E-22
5 0.025826 -4.00E-21
-0.003129 2.07E-23 0.000210
3.79E-21
6 0.025920 -2.01E-21
-0.003208 7.09E-24 0.000201
4.13E-21
7 0.026032 5.14E-22
-0.003298 -9.22E-24 0.000199
4.22E-21
8 0.026126 2.59E-21
-0.003374 -2.28E-23 0.000203
4.04E-21
9 0.026428 6.63E-21
-0.003654 -5.11E-23 0.000227
2.21E-23
10 0.026725 6.66E-21
-0.004020 -5.48E-23 0.000235
2.21E-23
11 0.027022 6.70E-21
-0.004392 -5.48E-23 0.000235
2.21E-23
12 0.027025 6.70E-21
-0.004395 -5.48E-23 0.000235
2.21E-23
13 .000000 .000000
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14 .000000 .000000
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COMB ULO11 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.025979 -5.29E-21
-0.002027 5.47E-23 0.000253
-8.52E-22
2 0.025979 -5.30E-21
-0.002031 5.47E-23 0.000253
-8.52E-22
3 0.025979 -6.65E-21
-0.002432 5.47E-23 0.000253
-8.52E-22
4 0.025979 -8.01E-21
-0.002828 5.11E-23 0.000246
-8.53E-22
5 0.025978 -5.02E-21
-0.003143 2.07E-23 0.000212
3.70E-21
6 0.025978 -3.07E-21
-0.003223 7.09E-24 0.000202
4.09E-21
7 0.025978 -5.50E-22
-0.003314 -9.21E-24 0.000198
4.25E-21
8 0.025977 1.55E-21
-0.003388 -2.28E-23 0.000201
4.13E-21
9 0.025977 5.97E-21
-0.003662 -5.11E-23 0.000222
4.29E-22
10 0.025977 6.65E-21
-0.004020 -5.47E-23 0.000230
4.29E-22
11 0.025977 7.33E-21
-0.004384 -5.47E-23 0.000230
4.29E-22
12 0.025977 7.34E-21
-0.004387 -5.47E-23 0.000230
4.29E-22
13 .000000 .000000
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14 .000000 .000000
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COMB ULO11 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.025979 -5.29E-21
-0.002027 5.47E-23 0.000253
-8.52E-22
2 0.025979 -5.30E-21
-0.002031 5.47E-23 0.000253
-8.52E-22
3 0.025979 -6.65E-21
-0.002432 5.47E-23 0.000253
-8.52E-22
4 0.025979 -8.01E-21
-0.002828 5.11E-23 0.000246
-8.53E-22

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
5 0.025978 -5.02E-21
-0.003143 2.07E-23 0.000212
3.70E-21
6 0.025978 -3.07E-21
-0.003223 7.09E-24 0.000202
4.09E-21
7 0.025978 -5.50E-22
-0.003314 -9.21E-24 0.000198
4.25E-21
8 0.025977 1.55E-21
-0.003388 -2.28E-23 0.000201
4.13E-21
9 0.025977 5.97E-21
-0.003662 -5.11E-23 0.000222
4.29E-22
10 0.025977 6.65E-21
-0.004020 -5.47E-23 0.000230
4.29E-22
11 0.025977 7.33E-21
-0.004384 -5.47E-23 0.000230
4.29E-22
12 0.025977 7.34E-21
-0.004387 -5.47E-23 0.000230
4.29E-22
13 .000000 .000000
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14 .000000 .000000
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COMB ULO12 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.014304 -3.08E-21
-0.002981 3.29E-23 0.000157
-5.72E-22
2 0.014306 -3.09E-21
-0.002983 3.29E-23 0.000157
-5.72E-22
3 0.014603 -4.00E-21
-0.003231 3.29E-23 0.000157
-5.72E-22
4 0.014900 -4.91E-21
-0.003476 3.07E-23 0.000153
-5.73E-22
5 0.015203 -3.21E-21
-0.003676 1.24E-23 0.000132
2.19E-21
6 0.015296 -2.05E-21
-0.003727 4.26E-24 0.000125
2.44E-21
7 0.015409 -5.40E-22
-0.003783 -5.54E-24 0.000122
2.57E-21
8 0.015502 7.38E-22
-0.003829 -1.37E-23 0.000123
2.52E-21
9 0.015805 3.50E-21
-0.003994 -3.07E-23 0.000136
3.18E-22
10 0.016101 4.00E-21
-0.004213 -3.29E-23 0.000140
3.18E-22
11 0.016399 4.50E-21
-0.004435 -3.29E-23 0.000140
3.18E-22
12 0.016401 4.51E-21
-0.004437 -3.29E-23 0.000140
3.18E-22
13 .000000 .000000
.000000 .000000 .000000
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14 .000000 .000000
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COMB ULO12 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.014304 -3.08E-21
-0.002981 3.29E-23 0.000157
-5.72E-22
2 0.014306 -3.09E-21
-0.002983 3.29E-23 0.000157
-5.72E-22
3 0.014603 -4.00E-21
-0.003231 3.29E-23 0.000157
-5.72E-22
4 0.014900 -4.91E-21
-0.003476 3.07E-23 0.000153
-5.73E-22
5 0.015203 -3.21E-21
-0.003676 1.24E-23 0.000132
2.19E-21
6 0.015296 -2.05E-21
-0.003727 4.26E-24 0.000125
2.44E-21
7 0.015409 -5.40E-22
-0.003783 -5.54E-24 0.000122
2.57E-21
8 0.015502 7.38E-22
-0.003829 -1.37E-23 0.000123
2.52E-21
9 0.015805 3.50E-21
-0.003994 -3.07E-23 0.000136
3.18E-22
10 0.016101 4.00E-21
-0.004213 -3.29E-23 0.000140
3.18E-22
11 0.016399 4.50E-21
-0.004435 -3.29E-23 0.000140
3.18E-22
12 0.016401 4.51E-21
-0.004437 -3.29E-23 0.000140
3.18E-22
13 .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 GLOBAL COORDINATES

COMB ULO13 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.015355 -2.43E-21
-0.002972 3.28E-23 0.000162
-9.79E-22
2 0.015355 -2.44E-21
-0.002975 3.28E-23 0.000162
-9.79E-22
3 0.015355 -3.99E-21
-0.003231 3.28E-23 0.000162
-9.79E-22
4 0.015355 -5.54E-21
-0.003484 3.07E-23 0.000158
-9.80E-22
5 0.015354 -4.24E-21
-0.003691 1.24E-23 0.000134
2.09E-21
6 0.015354 -3.11E-21
-0.003742 4.25E-24 0.000126
2.40E-21
7 0.015354 -1.60E-21
-0.003799 -5.53E-24 0.000121
2.60E-21
8 0.015354 -2.97E-22
-0.003843 -1.37E-23 0.000121
2.60E-21
9 0.015354 2.84E-21
-0.004002 -3.07E-23 0.000131
7.25E-22
10 0.015353 3.99E-21
-0.004213 -3.28E-23 0.000135
7.24E-22
11 0.015353 5.14E-21
-0.004427 -3.28E-23 0.000135
7.24E-22
12 0.015353 5.15E-21
-0.004429 -3.28E-23 0.000135
7.24E-22
13 .000000 .000000
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14 .000000 .000000
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COMB ULO13 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.015355 -2.43E-21
-0.002972 3.28E-23 0.000162
-9.79E-22
2 0.015355 -2.44E-21
-0.002975 3.28E-23 0.000162
-9.79E-22
3 0.015355 -3.99E-21
-0.003231 3.28E-23 0.000162
-9.79E-22
4 0.015355 -5.54E-21
-0.003484 3.07E-23 0.000158
-9.80E-22
5 0.015354 -4.24E-21
-0.003691 1.24E-23 0.000134
2.09E-21
6 0.015354 -3.11E-21
-0.003742 4.25E-24 0.000126
2.40E-21
7 0.015354 -1.60E-21
-0.003799 -5.53E-24 0.000121
2.60E-21
8 0.015354 -2.97E-22
-0.003843 -1.37E-23 0.000121
2.60E-21
9 0.015354 2.84E-21
-0.004002 -3.07E-23 0.000131
7.25E-22
10 0.015353 3.99E-21
-0.004213 -3.28E-23 0.000135
7.24E-22
11 0.015353 5.14E-21
-0.004427 -3.28E-23 0.000135
7.24E-22
12 0.015353 5.15E-21
-0.004429 -3.28E-23 0.000135
7.24E-22
13 .000000 .000000
.000000 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
.000000

COMB ULO14 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.014301 -3.08E-21
-0.002485 3.29E-23 0.000156
-5.72E-22
2 0.014304 -3.09E-21
-0.002488 3.29E-23 0.000156
-5.72E-22
3 0.014601 -4.00E-21
-0.002736 3.29E-23 0.000157
-5.72E-22
4 0.014898 -4.91E-21
-0.002981 3.07E-23 0.000153
-5.73E-22
5 0.015200 -3.21E-21
-0.003181 1.24E-23 0.000132
2.19E-21
6 0.015294 -2.05E-21
-0.003231 4.26E-24 0.000125
2.44E-21

7	0.015406	-5.39E-22	-0.003287	-5.54E-24	0.000122	2.57E-21
8	0.015500	7.38E-22	-0.003333	-1.37E-23	0.000123	2.52E-21
9	0.015802	3.50E-21	-0.003498	-3.07E-23	0.000136	3.18E-22
10	0.016099	4.00E-21	-0.003716	-3.29E-23	0.000140	3.18E-22
11	0.016396	4.50E-21	-0.003939	-3.29E-23	0.000140	3.18E-22
12	0.016399	4.51E-21	-0.003941	-3.29E-23	0.000140	3.18E-22

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO14 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.014301	-3.08E-21	-0.002485	3.29E-23	0.000156	-5.72E-22
2	0.014304	-3.09E-21	-0.002488	3.29E-23	0.000156	-5.72E-22
3	0.014601	-4.00E-21	-0.002736	3.29E-23	0.000157	-5.72E-22
4	0.014898	-4.91E-21	-0.002981	3.07E-23	0.000153	-5.73E-22
5	0.015200	-3.21E-21	-0.003181	1.24E-23	0.000132	2.19E-21
6	0.015294	-2.05E-21	-0.003231	4.26E-24	0.000125	2.44E-21
7	0.015406	-5.39E-22	-0.003287	-5.54E-24	0.000122	2.57E-21
8	0.015500	7.38E-22	-0.003333	-1.37E-23	0.000123	2.52E-21
9	0.015802	3.50E-21	-0.003498	-3.07E-23	0.000136	3.18E-22
10	0.016099	4.00E-21	-0.003716	-3.29E-23	0.000140	3.18E-22
11	0.016396	4.50E-21	-0.003939	-3.29E-23	0.000140	3.18E-22
12	0.016399	4.51E-21	-0.003941	-3.29E-23	0.000140	3.18E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO15 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.015353	-2.43E-21	-0.002477	3.28E-23	0.000162	-9.79E-22
2	0.015353	-2.44E-21	-0.002479	3.28E-23	0.000162	-9.79E-22
3	0.015352	-3.99E-21	-0.002736	3.28E-23	0.000162	-9.79E-22
4	0.015352	-5.55E-21	-0.002989	3.07E-23	0.000158	-9.80E-22
5	0.015352	-4.24E-21	-0.003195	1.24E-23	0.000134	2.09E-21
6	0.015352	-3.11E-21	-0.003246	4.25E-24	0.000126	2.40E-21
7	0.015352	-1.60E-21	-0.003303	-5.53E-24	0.000121	2.60E-21
8	0.015352	-2.97E-22	-0.003347	-1.37E-23	0.000121	2.60E-21

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.015351	2.84E-21	-0.003506	-3.07E-23	0.000131	7.25E-22
10	0.015351	3.99E-21	-0.003716	-3.28E-23	0.000135	7.24E-22
11	0.015351	5.14E-21	-0.003930	-3.28E-23	0.000135	7.24E-22
12	0.015351	5.15E-21	-0.003933	-3.28E-23	0.000135	7.24E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO16 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05	-8.63E-22
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05	-8.63E-22
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05	-8.64E-22
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05	-2.65E-22
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06	-1.16E-22
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06	6.76E-23
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07	2.18E-22
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06	8.66E-22
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06	8.65E-22
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO17 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000198	1.84E-21	-0.003802	-3.73E-25	2.30E-05	-1.12E-21
2	0.000198	1.82E-21	-0.003803	-3.73E-25	2.30E-05	-1.12E-21
3	0.000198	4.53E-23	-0.003839	-3.73E-25	2.31E-05	-1.12E-21
4	0.000198	-1.73E-21	-0.003876	-3.48E-25	2.31E-05	-1.12E-21
5	0.000198	-2.94E-21	-0.003917	-1.41E-25	1.58E-05	-3.44E-22
6	0.000198	-3.06E-21	-0.003925	-4.83E-26	1.07E-05	-1.51E-22
7	0.000198	-3.08E-21	-0.003929	6.27E-26	4.46E-06	8.78E-23
8	0.000198	-2.99E-21	-0.003929	1.55E-25	-6.63E-07	2.83E-22
9	0.000197	-1.83E-21	-0.003914	3.48E-25	-7.38E-06	1.13E-21
10	0.000197	-4.53E-23	-0.003902	3.73E-25	-7.42E-06	1.12E-21
11	0.000197	1.74E-21	-0.003891	3.73E-25	-7.31E-06	1.12E-21
12	0.000197	1.75E-21	-0.003890	3.73E-25	-7.31E-06	1.12E-21
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ULO18 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.024940	-5.08E-21	-0.001946	5.25E-23	0.000243	-8.18E-22
2	0.024940	-5.09E-21	-0.001950	5.25E-23	0.000243	-8.18E-22
3	0.024940	-6.39E-21	-0.002335	5.25E-23	0.000243	-8.18E-22
4	0.024939	-7.69E-21	-0.002715	4.90E-23	0.000237	-8.19E-22
5	0.024939	-4.82E-21	-0.003018	1.98E-23	0.000204	3.55E-21
6	0.024939	-2.95E-21	-0.003094	6.80E-24	0.000194	3.92E-21
7	0.024938	-5.28E-22	-0.003181	-8.84E-24	0.000190	

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

4.08E-21
8 0.024938 1.49E-21
-0.003253 -2.19E-23 0.000193
3.96E-21
9 0.024938 5.73E-21
-0.003516 -4.90E-23 0.000213
4.12E-22
10 0.024937 6.39E-21
-0.003859 -5.25E-23 0.000220
4.12E-22
11 0.024937 7.04E-21
-0.004208 -5.25E-23 0.000221
4.12E-22
12 0.024937 7.05E-21
-0.004212 -5.25E-23 0.000221
4.12E-22
13 .000000 .000000
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14 .000000 .000000
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Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 67

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULO18 ---------- MIN

JOINT UX UY
UZ RX RY RZ
1 0.024940 -5.08E-21
-0.001946 5.25E-23 0.000243
-8.18E-22
2 0.024940 -5.09E-21
-0.001950 5.25E-23 0.000243
-8.18E-22
3 0.024940 -6.39E-21
-0.002335 5.25E-23 0.000243
-8.18E-22
4 0.024939 -7.69E-21
-0.002715 4.90E-23 0.000237
-8.19E-22
5 0.024939 -4.82E-21
-0.003018 1.98E-23 0.000204
3.55E-21
6 0.024939 -2.95E-21
-0.003094 6.80E-24 0.000194
3.92E-21
7 0.024938 -5.28E-22
-0.003181 -8.84E-24 0.000190
4.08E-21
8 0.024938 1.49E-21
-0.003253 -2.19E-23 0.000193
3.96E-21
9 0.024938 5.73E-21
-0.003516 -4.90E-23 0.000213
4.12E-22
10 0.024937 6.39E-21
-0.003859 -5.25E-23 0.000220
4.12E-22
11 0.024937 7.04E-21
-0.004208 -5.25E-23 0.000221
4.12E-22
12 0.024937 7.05E-21
-0.004212 -5.25E-23 0.000221
4.12E-22
13 .000000 .000000
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14 .000000 .000000
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COMB UEO01 ---------- MAX

JOINT UX UY
UZ RX RY RZ
1 0.000154 1.42E-21
-0.003381 -2.88E-25 1.78E-05
-8.63E-22
2 0.000154 1.40E-21
-0.003381 -2.88E-25 1.78E-05
-8.63E-22
3 0.000154 3.50E-23
-0.003409 -2.88E-25 1.79E-05
-8.63E-22
4 0.000154 -1.33E-21
-0.003437 -2.69E-25 1.79E-05
-8.64E-22
5 0.000154 -2.26E-21
-0.003469 -1.09E-25 1.22E-05
-2.65E-22
6 0.000154 -2.36E-21
-0.003475 -3.73E-26 8.33E-06
-1.16E-22
7 0.000154 -2.37E-21
-0.003479 4.85E-26 3.52E-06
6.74E-23
8 0.000154 -2.30E-21
-0.003479 1.20E-25 -4.23E-07
2.18E-22
9 0.000154 -1.41E-21
-0.003467 2.69E-25 -5.59E-06
8.66E-22
10 0.000154 -3.50E-23
-0.003458 2.88E-25 -5.62E-06
8.65E-22
11 0.000154 1.34E-21
-0.003449 2.88E-25 -5.54E-06
8.65E-22
12 0.000154 1.35E-21
-0.003449 2.88E-25 -5.54E-06
8.65E-22
13 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
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COMB UEO01 ---------- MIN

JOINT UX UY
UZ RX RY RZ
1 0.000154 1.42E-21
-0.003381 -2.88E-25 1.78E-05
-8.63E-22
2 0.000154 1.40E-21
-0.003381 -2.88E-25 1.78E-05
-8.63E-22
3 0.000154 3.50E-23
-0.003409 -2.88E-25 1.79E-05
-8.63E-22
4 0.000154 -1.33E-21
-0.003437 -2.69E-25 1.79E-05
-8.64E-22
5 0.000154 -2.26E-21
-0.003469 -1.09E-25 1.22E-05
-2.65E-22
6 0.000154 -2.36E-21
-0.003475 -3.73E-26 8.33E-06
-1.16E-22
7 0.000154 -2.37E-21
-0.003479 4.85E-26 3.52E-06
6.74E-23
8 0.000154 -2.30E-21
-0.003479 1.20E-25 -4.23E-07
2.18E-22
9 0.000154 -1.41E-21
-0.003467 2.69E-25 -5.59E-06
8.66E-22
10 0.000154 -3.50E-23
-0.003458 2.88E-25 -5.62E-06
8.65E-22
11 0.000154 1.34E-21
-0.003449 2.88E-25 -5.54E-06
8.65E-22
12 0.000154 1.35E-21
-0.003449 2.88E-25 -5.54E-06
8.65E-22

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 68

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO02 ---------- MAX

JOINT UX UY
UZ RX RY RZ
1 0.000150 1.42E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
2 0.000150 1.40E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
3 0.000150 3.47E-23
-0.002557 -2.85E-25 1.77E-05
-8.63E-22
4 0.000150 -1.33E-21
-0.002585 -2.66E-25 1.77E-05
-8.64E-22
5 0.000150 -2.26E-21
-0.002616 -1.08E-25 1.21E-05
-2.65E-22
6 0.000150 -2.36E-21
-0.002622 -3.70E-26 8.17E-06
-1.16E-22
7 0.000150 -2.37E-21
-0.002626 4.81E-26 3.35E-06
6.76E-23
8 0.000150 -2.30E-21
-0.002626 1.19E-25 -5.86E-07
2.18E-22
9 0.000150 -1.41E-21
-0.002614 2.66E-25 -5.76E-06
8.66E-22
10 0.000150 -3.47E-23
-0.002605 2.85E-25 -5.78E-06
8.65E-22
11 0.000150 1.34E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
12 0.000150 1.35E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
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COMB UEO02 ---------- MIN

JOINT UX UY
UZ RX RY RZ
1 0.000150 1.42E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
2 0.000150 1.40E-21
-0.002529 -2.85E-25 1.76E-05
-8.63E-22
3 0.000150 3.47E-23
-0.002557 -2.85E-25 1.77E-05
-8.63E-22
4 0.000150 -1.33E-21
-0.002585 -2.66E-25 1.77E-05
-8.64E-22
5 0.000150 -2.26E-21
-0.002616 -1.08E-25 1.21E-05
-2.65E-22
6 0.000150 -2.36E-21
-0.002622 -3.70E-26 8.17E-06
-1.16E-22
7 0.000150 -2.37E-21
-0.002626 4.81E-26 3.35E-06
6.76E-23
8 0.000150 -2.30E-21
-0.002626 1.19E-25 -5.86E-07
2.18E-22
9 0.000150 -1.41E-21
-0.002614 2.66E-25 -5.76E-06
8.66E-22
10 0.000150 -3.47E-23
-0.002605 2.85E-25 -5.78E-06
8.65E-22
11 0.000150 1.34E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
12 0.000150 1.35E-21
-0.002596 2.85E-25 -5.70E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
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COMB UEO03 ---------- MAX

JOINT UX UY
UZ RX RY RZ
1 0.026973 -5.93E-21
-0.001350 5.70E-23 0.000258
-6.27E-22
2 0.026973 -5.94E-21
-0.001354 5.70E-23 0.000258
-6.27E-22
3 0.026973 -6.93E-21
-0.001762 5.70E-23 0.000258
-6.27E-22
4 0.026973 -7.93E-21
-0.002165 5.32E-23 0.000251
-6.28E-22
5 0.026972 -4.55E-21
-0.002484 2.15E-23 0.000217
3.92E-21
6 0.026972 -2.48E-21
-0.002566 7.38E-24 0.000208
4.29E-21
7 0.026972 1.39E-22
-0.002659 -9.60E-24 0.000205
4.40E-21
8 0.026971 2.31E-21
-0.002736 -2.37E-23 0.000209
4.23E-21
9 0.026971 6.64E-21
-0.003024 -5.32E-23 0.000233
1.87E-22
10 0.026971 6.93E-21
-0.003399 -5.70E-23 0.000241
1.86E-22
11 0.026971 7.23E-21
-0.003780 -5.70E-23 0.000241
1.86E-22
12 0.026971 7.23E-21
-0.003784 -5.70E-23 0.000241
1.86E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 69

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
9 0.026971 6.64E-21
-0.003024 -5.32E-23 0.000233
1.87E-22
10 0.026971 6.93E-21
-0.003399 -5.70E-23 0.000241
1.86E-22
11 0.026971 7.23E-21
-0.003780 -5.70E-23 0.000241
1.86E-22
12 0.026971 7.23E-21
-0.003784 -5.70E-23 0.000241
1.86E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO03 ---------- MIN

JOINT UX UY
UZ RX RY RZ
1 0.026973 -5.93E-21
-0.001350 5.70E-23 0.000258
-6.27E-22
2 0.026973 -5.94E-21
-0.001354 5.70E-23 0.000258
-6.27E-22
3 0.026973 -6.93E-21
-0.001762 5.70E-23 0.000258
-6.27E-22
4 0.026973 -7.93E-21
-0.002165 5.32E-23 0.000251
-6.28E-22
5 0.026972 -4.55E-21
-0.002484 2.15E-23 0.000217
3.92E-21
6 0.026972 -2.48E-21
-0.002566 7.38E-24 0.000208
4.29E-21
7 0.026972 1.39E-22
-0.002659 -9.60E-24 0.000205
4.40E-21
8 0.026971 2.31E-21
-0.002736 -2.37E-23 0.000209
4.23E-21
9 0.026971 6.64E-21
-0.003024 -5.32E-23 0.000233
1.87E-22
10 0.026971 6.93E-21
-0.003399 -5.70E-23 0.000241
1.86E-22
11 0.026971 7.23E-21
-0.003780 -5.70E-23 0.000241
1.86E-22
12 0.026971 7.23E-21
-0.003784 -5.70E-23 0.000241
1.86E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO04 ---------- MAX

JOINT UX UY
UZ RX RY RZ
1 0.015924 -2.95E-21
-0.002332 3.42E-23 0.000163
-7.59E-22
2 0.015924 -2.96E-21
-0.002335 3.42E-23 0.000163
-7.59E-22
3 0.015924 -4.16E-21
-0.002593 3.42E-23 0.000163
-7.59E-22
4 0.015924 -5.37E-21
-0.002848 3.20E-23 0.000159
-7.60E-22
5 0.015923 -3.73E-21
-0.003054 1.29E-23 0.000136
2.25E-21
6 0.015923 -2.53E-21
-0.003105 4.43E-24 0.000129
2.53E-21
7 0.015923 -9.57E-22
-0.003163 -5.76E-24 0.000125
2.68E-21
8 0.015923 3.81E-22
-0.003209 -1.43E-23 0.000126
2.64E-21
9 0.015923 3.38E-21

-0.003378 -3.20E-23 0.000138
4.95E-22
10 0.015923 4.16E-21
-0.003600 -3.42E-23 0.000142
4.94E-22
11 0.015923 4.95E-21
-0.003825 -3.42E-23 0.000142
4.94E-22
12 0.015923 4.95E-21
-0.003827 -3.42E-23 0.000142
4.94E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO04 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.015924 -2.95E-21
-0.002332 3.42E-23 0.000163
-7.59E-22
2 0.015924 -2.96E-21
-0.002335 3.42E-23 0.000163
-7.59E-22
3 0.015924 -4.16E-21
-0.002593 3.42E-23 0.000163
-7.59E-22
4 0.015924 -5.37E-21
-0.002848 3.20E-23 0.000159
-7.60E-22
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 70

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
5 0.015923 -3.73E-21
-0.003054 1.29E-23 0.000136
2.25E-21
6 0.015923 -2.53E-21
-0.003105 4.43E-24 0.000129
2.53E-21
7 0.015923 -9.57E-22
-0.003163 -5.76E-24 0.000125
2.68E-21
8 0.015923 3.81E-22
-0.003209 -1.43E-23 0.000126
2.64E-21
9 0.015923 3.38E-21
-0.003378 -3.20E-23 0.000138
4.95E-22
10 0.015923 4.16E-21
-0.003600 -3.42E-23 0.000142
4.94E-22
11 0.015923 4.95E-21
-0.003825 -3.42E-23 0.000142
4.94E-22
12 0.015923 4.95E-21
-0.003827 -3.42E-23 0.000142
4.94E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO05 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.015922 -2.95E-21
-0.001817 3.42E-23 0.000163
-7.59E-22
2 0.015922 -2.96E-21
-0.001820 3.42E-23 0.000163
-7.59E-22
3 0.015921 -4.16E-21
-0.002078 3.42E-23 0.000163
-7.59E-22
4 0.015921 -5.37E-21
-0.002333 3.20E-23 0.000159
-7.60E-22
5 0.015921 -3.73E-21
-0.002538 1.29E-23 0.000136
2.25E-21
6 0.015921 -2.53E-21
-0.002590 4.43E-24 0.000129
2.53E-21
7 0.015921 -9.57E-22
-0.002647 -5.76E-24 0.000125
2.68E-21
8 0.015921 3.81E-22
-0.002693 -1.43E-23 0.000126
2.64E-21
9 0.015920 3.38E-21
-0.002862 -3.20E-23 0.000138
4.94E-22
10 0.015920 4.16E-21
-0.003084 -3.42E-23 0.000142
4.94E-22
11 0.015920 4.95E-21
-0.003309 -3.42E-23 0.000142
4.94E-22
12 0.015920 4.95E-21
-0.003311 -3.42E-23 0.000142
4.94E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO05 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.015922 -2.95E-21
-0.001817 3.42E-23 0.000163
-7.59E-22
2 0.015922 -2.96E-21
-0.001820 3.42E-23 0.000163
-7.59E-22
3 0.015921 -4.16E-21
-0.002078 3.42E-23 0.000163
-7.59E-22
4 0.015921 -5.37E-21
-0.002333 3.20E-23 0.000159
-7.60E-22
5 0.015921 -3.73E-21
-0.002538 1.29E-23 0.000136
2.25E-21
6 0.015921 -2.53E-21
-0.002590 4.43E-24 0.000129
2.53E-21
7 0.015921 -9.57E-22
-0.002647 -5.76E-24 0.000125
2.68E-21
8 0.015921 3.81E-22
-0.002693 -1.43E-23 0.000126
2.64E-21
9 0.015920 3.38E-21
-0.002862 -3.20E-23 0.000138
4.94E-22
10 0.015920 4.16E-21
-0.003084 -3.42E-23 0.000142
4.94E-22
11 0.015920 4.95E-21
-0.003309 -3.42E-23 0.000142
4.94E-22
12 0.015920 4.95E-21
-0.003311 -3.42E-23 0.000142
4.94E-22
13 .000000 .000000
.000000 .000000 .000000
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14 .000000 .000000
.000000 .000000 .000000
.000000
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 71

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEO06 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 -0.000941 7.33E-22
-0.003053 -2.30E-25 1.22E-05
-4.40E-22
2 -0.000938 7.26E-22
-0.003053 -2.30E-25 1.22E-05
-4.40E-22
3 -0.000629 2.80E-23
-0.003072 -2.30E-25 1.23E-05
-4.40E-22
4 -0.000320 -6.71E-22
-0.003092 -2.15E-25 1.26E-05
-4.41E-22
5 -4.98E-06 -1.19E-21
-0.003117 -8.69E-26 9.73E-06
-1.64E-22
6 9.24E-05 -1.25E-21
-0.003122 -2.98E-26 7.42E-06
-7.51E-23
7 0.000209 -1.26E-21
-0.003126 3.87E-26 4.50E-06
3.70E-23
8 0.000307 -1.22E-21
-0.003127 9.58E-26 2.15E-06
1.27E-22
9 0.000622 -7.29E-22
-0.003122 2.15E-25 -5.64E-07
4.43E-22
10 0.000930 -2.80E-23
-0.003121 2.30E-25 -2.98E-07
4.42E-22
11 0.001240 6.73E-22
-0.003120 2.30E-25 -2.13E-07
4.42E-22
12 0.001242 6.80E-22
-0.003120 2.30E-25 -2.13E-07
4.42E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO06 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 -0.000941 7.33E-22
-0.003053 -2.30E-25 1.22E-05
-4.40E-22
2 -0.000938 7.26E-22
-0.003053 -2.30E-25 1.22E-05
-4.40E-22
3 -0.000629 2.80E-23
-0.003072 -2.30E-25 1.23E-05
-4.40E-22
4 -0.000320 -6.71E-22
-0.003092 -2.15E-25 1.26E-05
-4.41E-22
5 -4.98E-06 -1.19E-21
-0.003117 -8.69E-26 9.73E-06
-1.64E-22
6 9.24E-05 -1.25E-21
-0.003122 -2.98E-26 7.42E-06
-7.51E-23
7 0.000209 -1.26E-21
-0.003126 3.87E-26 4.50E-06
3.70E-23
8 0.000307 -1.22E-21
-0.003127 9.58E-26 2.15E-06
1.27E-22
9 0.000622 -7.29E-22
-0.003122 2.15E-25 -5.64E-07
4.43E-22
10 0.000930 -2.80E-23
-0.003121 2.30E-25 -2.98E-07
4.42E-22
11 0.001240 6.73E-22
-0.003120 2.30E-25 -2.13E-07
4.42E-22
12 0.001242 6.80E-22
-0.003120 2.30E-25 -2.13E-07
4.42E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO07 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 0.000153 1.42E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
2 0.000153 1.40E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
3 0.000153 3.49E-23
-0.003072 -2.87E-25 1.78E-05
-8.63E-22
4 0.000153 -1.33E-21
-0.003100 -2.68E-25 1.78E-05
-8.64E-22
5 0.000153 -2.26E-21
-0.003132 -1.08E-25 1.22E-05
-2.65E-22
6 0.000153 -2.36E-21
-0.003138 -3.72E-26 8.27E-06
-1.16E-22
7 0.000153 -2.37E-21
-0.003142 4.83E-26 3.45E-06
6.75E-23
8 0.000153 -2.30E-21
-0.003142 1.20E-25 -4.87E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003130 2.68E-25 -5.66E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003121 2.87E-25 -5.69E-06
8.65E-22
11 0.000152 1.34E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
12 0.000152 1.35E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 72

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY
UZ RX RY RZ
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO07 ----------
MIN

JOINT UX UY
UZ RX RY RZ
1 0.000153 1.42E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
2 0.000153 1.40E-21
-0.003044 -2.87E-25 1.77E-05
-8.63E-22
3 0.000153 3.49E-23
-0.003072 -2.87E-25 1.78E-05
-8.63E-22
4 0.000153 -1.33E-21
-0.003100 -2.68E-25 1.78E-05
-8.64E-22
5 0.000153 -2.26E-21
-0.003132 -1.08E-25 1.22E-05
-2.65E-22
6 0.000153 -2.36E-21
-0.003138 -3.72E-26 8.27E-06
-1.16E-22
7 0.000153 -2.37E-21
-0.003142 4.83E-26 3.45E-06
6.75E-23
8 0.000153 -2.30E-21
-0.003142 1.20E-25 -4.87E-07
2.18E-22
9 0.000152 -1.41E-21
-0.003130 2.68E-25 -5.66E-06
8.66E-22
10 0.000152 -3.49E-23
-0.003121 2.87E-25 -5.69E-06
8.65E-22
11 0.000152 1.34E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
12 0.000152 1.35E-21
-0.003112 2.87E-25 -5.60E-06
8.65E-22
13 .000000 .000000
.000000 .000000 .000000
.000000
14 .000000 .000000
.000000 .000000 .000000
.000000

COMB UEO08 ----------
MAX

JOINT UX UY
UZ RX RY RZ
1 -0.000943 7.33E-22
-0.002537 -2.28E-25 1.21E-05
-4.40E-22
2 -0.000940 7.26E-22
-0.002538 -2.28E-25 1.21E-05
-4.40E-22
3 -0.000631 2.78E-23
-0.002557 -2.28E-25 1.22E-05
-4.40E-22
4 -0.000322 -6.71E-22
-0.002576 -2.13E-25 1.25E-05
-4.41E-22
5 -7.44E-06 -1.19E-21
-0.002601 -8.63E-26 9.63E-06
-1.64E-22
6 9.00E-05 -1.25E-21
-0.002606 -2.96E-26 7.32E-06
-7.50E-23
7 0.000207 -1.26E-21
-0.002610 3.85E-26 4.41E-06
3.71E-23
8 0.000304 -1.22E-21
-0.002611 9.52E-26 2.05E-06
1.28E-22
9 0.000619 -7.29E-22
-0.002606 2.13E-25 -6.62E-07
4.43E-22
10 0.000928 -2.78E-23
-0.002605 2.28E-25 -3.95E-07
4.42E-22

11	0.001237	6.73E-22	-0.002604	2.28E-25	-3.11E-07
4.42E-22					
12	0.001240	6.80E-22	-0.002604	2.28E-25	-3.11E-07
4.42E-22					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB UEO08 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	-0.000943	7.33E-22	-0.002537	-2.28E-25	1.21E-05	
-4.40E-22						
2	-0.000940	7.26E-22	-0.002538	-2.28E-25	1.21E-05	
-4.40E-22						
3	-0.000631	2.78E-23	-0.002557	-2.28E-25	1.22E-05	
-4.40E-22						
4	-0.000322	-6.71E-22	-0.002576	-2.13E-25	1.25E-05	
-4.41E-22						
5	-7.44E-06	-1.19E-21	-0.002601	-8.63E-26	9.63E-06	
-1.64E-22						
6	9.00E-05	-1.25E-21	-0.002606	-2.96E-26	7.32E-06	
-7.50E-23						
7	0.000207	-1.26E-21	-0.002610	3.85E-26	4.41E-06	
3.71E-23						
8	0.000304	-1.22E-21	-0.002611	9.52E-26	2.05E-06	
1.28E-22						

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
9	0.000619	-7.29E-22	-0.002606	2.13E-25	-6.62E-07	
4.43E-22						
10	0.000928	-2.78E-23	-0.002605	2.28E-25	-3.95E-07	
4.42E-22						
11	0.001237	6.73E-22	-0.002604	2.28E-25	-3.11E-07	
4.42E-22						
12	0.001240	6.80E-22	-0.002604	2.28E-25	-3.11E-07	
4.42E-22						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB UEO09 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05	
-8.63E-22						
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05	
-8.63E-22						
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05	
-8.63E-22						
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05	
-8.64E-22						
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05	
-2.65E-22						
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06	
-1.16E-22						
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06	
6.76E-23						
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07	
2.18E-22						
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06	
8.66E-22						
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06	
8.65E-22						
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06	
8.65E-22						
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06	
8.65E-22						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB UEO10 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.024883	-6.37E-21	-0.001277	5.49E-23	0.000242	
-1.87E-22						
2	0.024886	-6.37E-21	-0.001281	5.49E-23	0.000242	
-1.87E-22						
3	0.025183	-6.67E-21	-0.001665	5.49E-23	0.000243	
-1.87E-22						
4	0.025479	-6.97E-21	-0.002044	5.12E-23	0.000236	
-1.87E-22						

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
5	0.025781	-3.32E-21	-0.002344	2.07E-23	0.000206	
3.87E-21						
6	0.025875	-1.30E-21	-0.002421	7.10E-24	0.000199	
4.16E-21						
7	0.025987	1.23E-21	-0.002511	-9.24E-24	0.000198	
4.20E-21						
8	0.026081	3.28E-21	-0.002586	-2.29E-23	0.000204	
3.97E-21						
9	0.026383	7.05E-21	-0.002870	-5.12E-23	0.000229	
-2.38E-22						
10	0.026680	6.67E-21	-0.003238	-5.49E-23	0.000237	
-2.38E-22						
11	0.026977	6.29E-21	-0.003613	-5.49E-23	0.000237	
-2.38E-22						
12	0.026980	6.29E-21	-0.003617	-5.49E-23	0.000237	
-2.38E-22						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB UEO10 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.024883	-6.37E-21	-0.001277	5.49E-23	0.000242	
-1.87E-22						
2	0.024886	-6.37E-21	-0.001281	5.49E-23	0.000242	
-1.87E-22						
3	0.025183	-6.67E-21	-0.001665	5.49E-23	0.000243	
-1.87E-22						
4	0.025479	-6.97E-21	-0.002044	5.12E-23	0.000236	
-1.87E-22						
5	0.025781	-3.32E-21	-0.002344	2.07E-23	0.000206	
3.87E-21						
6	0.025875	-1.30E-21	-0.002421	7.10E-24	0.000199	
4.16E-21						
7	0.025987	1.23E-21	-0.002511	-9.24E-24	0.000198	
4.20E-21						
8	0.026081	3.28E-21	-0.002586	-2.29E-23	0.000204	
3.97E-21						
9	0.026383	7.05E-21	-0.002870	-5.12E-23	0.000229	
-2.38E-22						
10	0.026680	6.67E-21	-0.003238	-5.49E-23	0.000237	
-2.38E-22						
11	0.026977	6.29E-21	-0.003613	-5.49E-23	0.000237	
-2.38E-22						
12	0.026980	6.29E-21	-0.003617	-5.49E-23	0.000237	
-2.38E-22						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB UEO11 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.025934	-5.72E-21	-0.001269	5.48E-23	0.000248	
-5.93E-22						
2	0.025934	-5.72E-21	-0.001272	5.48E-23	0.000248	
-5.93E-22						
3	0.025934	-6.66E-21	-0.001665	5.48E-23	0.000248	
-5.93E-22						
4	0.025933	-7.61E-21	-0.002052	5.12E-23	0.000241	
-5.94E-22						
5	0.025933	-4.34E-21	-0.002359	2.07E-23	0.000208	
3.78E-21						
6	0.025933	-2.36E-21	-0.002437	7.10E-24	0.000200	
4.12E-21						
7	0.025933	1.61E-22	-0.002526	-9.23E-24	0.000197	
4.23E-21						
8	0.025932	2.24E-21	-0.002600	-2.28E-23	0.000201	
4.06E-21						
9	0.025932	6.40E-21	-0.002878	-5.12E-23	0.000224	
1.70E-22						
10	0.025932	6.66E-21	-0.003238	-5.48E-23	0.000231	
1.69E-22						
11	0.025932	6.93E-21	-0.003605	-5.48E-23	0.000231	
1.69E-22						
12	0.025932	6.94E-21	-0.003609	-5.48E-23	0.000231	
1.69E-22						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB UEO11 ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.025934	-5.72E-21	-0.001269	5.48E-23	0.000248	
-5.93E-22						
2	0.025934	-5.72E-21	-0.001272	5.48E-23	0.000248	
-5.93E-22						
3	0.025934	-6.66E-21	-0.001665	5.48E-23	0.000248	
-5.93E-22						
4	0.025933	-7.61E-21	-0.002052	5.12E-23	0.000241	
-5.94E-22						
5	0.025933	-4.34E-21	-0.002359	2.07E-23	0.000208	
3.78E-21						
6	0.025933	-2.36E-21	-0.002437	7.10E-24	0.000200	
4.12E-21						
7	0.025933	1.61E-22	-0.002526	-9.23E-24	0.000197	
4.23E-21						
8	0.025932	2.24E-21	-0.002600	-2.28E-23	0.000201	
4.06E-21						
9	0.025932	6.40E-21	-0.002878	-5.12E-23	0.000224	
1.70E-22						
10	0.025932	6.66E-21	-0.003238	-5.48E-23	0.000231	
1.69E-22						
11	0.025932	6.93E-21	-0.003605	-5.48E-23	0.000231	
1.69E-22						
12	0.025932	6.94E-21	-0.003609	-5.48E-23	0.000231	
1.69E-22						
13	.000000	.000000	.000000	.000000	.000000	
.000000						
14	.000000	.000000	.000000	.000000	.000000	
.000000						

COMB UEO12 ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.014258	-3.51E-21	-0.002222	3.30E-23	0.000151	
-3.13E-22						
2	0.014261	-3.51E-21	-0.002224	3.30E-23	0.000151	
-3.13E-22						
3	0.014558	-4.01E-21	-0.002464	3.30E-23	0.000151	
-3.13E-22						
4	0.014855	-4.51E-21	-0.002701	3.08E-23	0.000148	
-3.14E-22						
5	0.015158	-2.54E-21	-0.002892	1.25E-23	0.000128	
2.26E-21						
6	0.015251	-1.35E-21	-0.002940	4.27E-24	0.000123	
2.48E-21						
7	0.015364	1.72E-22	-0.002996	-5.55E-24	0.000121	
2.55E-21						
8	0.015457	1.43E-21	-0.003041	-1.37E-23	0.000123	
2.45E-21						
9	0.015760	3.92E-21	-0.003210	-3.08E-23	0.000137	
5.82E-23						
10	0.016056	4.01E-21	-0.003431	-3.30E-23	0.000142	
5.81E-23						
11	0.016354	4.10E-21	-0.003656	-3.30E-23	0.000142	
5.81E-23						
12	0.016356	4.10E-21	-0.003659	-3.30E-23	0.000142	

5.81E-23
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO12 ----------
MIN

JOINT UX UY UZ RX RY RZ
1 0.014258 -3.51E-21 -0.002222 3.30E-23 0.000151 -3.13E-22
2 0.014261 -3.51E-21 -0.002224 3.30E-23 0.000151 -3.13E-22
3 0.014558 -4.01E-21 -0.002464 3.30E-23 0.000151 -3.13E-22
4 0.014855 -4.51E-21 -0.002701 3.08E-23 0.000148 -3.14E-22
5 0.015158 -2.54E-21 -0.002892 1.25E-23 0.000128 2.26E-21
6 0.015251 -1.35E-21 -0.002940 4.27E-24 0.000123 2.48E-21
7 0.015364 1.72E-22 -0.002996 -5.55E-24 0.000121 2.55E-21
8 0.015457 1.43E-21 -0.003041 -1.37E-23 0.000123 2.45E-21
9 0.015760 3.92E-21 -0.003210 -3.08E-23 0.000137 5.82E-23
10 0.016056 4.01E-21 -0.003431 -3.30E-23 0.000142 5.81E-23
11 0.016354 4.10E-21 -0.003656 -3.30E-23 0.000142 5.81E-23
12 0.016356 4.10E-21 -0.003659 -3.30E-23 0.000142 5.81E-23

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY UZ RX RY RZ
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO13 ----------
MAX

JOINT UX UY UZ RX RY RZ
1 0.015310 -2.85E-21 -0.002214 3.29E-23 0.000157 -7.20E-22
2 0.015310 -2.86E-21 -0.002216 3.29E-23 0.000157 -7.20E-22
3 0.015310 -4.00E-21 -0.002464 3.29E-23 0.000157 -7.20E-22
4 0.015309 -5.14E-21 -0.002709 3.07E-23 0.000153 -7.20E-22
5 0.015309 -3.56E-21 -0.002906 1.24E-23 0.000130 2.17E-21
6 0.015309 -2.41E-21 -0.002956 4.26E-24 0.000124 2.44E-21
7 0.015309 -8.92E-22 -0.003011 -5.54E-24 0.000120 2.58E-21
8 0.015309 3.92E-22 -0.003056 -1.37E-23 0.000121 2.54E-21
9 0.015309 3.27E-21 -0.003218 -3.07E-23 0.000133 4.65E-22
10 0.015308 4.00E-21 -0.003431 -3.29E-23 0.000137 4.65E-22
11 0.015308 4.74E-21 -0.003648 -3.29E-23 0.000137 4.65E-22
12 0.015308 4.75E-21 -0.003650 -3.29E-23 0.000137 4.65E-22
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO13 ----------
MIN

JOINT UX UY UZ RX RY RZ
1 0.015310 -2.85E-21 -0.002214 3.29E-23 0.000157 -7.20E-22
2 0.015310 -2.86E-21 -0.002216 3.29E-23 0.000157 -7.20E-22
3 0.015310 -4.00E-21 -0.002464 3.29E-23 0.000157 -7.20E-22
4 0.015309 -5.14E-21 -0.002709 3.07E-23 0.000153 -7.20E-22
5 0.015309 -3.56E-21 -0.002906 1.24E-23 0.000130 2.17E-21
6 0.015309 -2.41E-21 -0.002956 4.26E-24 0.000124 2.44E-21
7 0.015309 -8.92E-22 -0.003011 -5.54E-24 0.000120 2.58E-21
8 0.015309 3.92E-22 -0.003056 -1.37E-23 0.000121 2.54E-21
9 0.015309 3.27E-21 -0.003218 -3.07E-23 0.000133 4.65E-22
10 0.015308 4.00E-21 -0.003431 -3.29E-23 0.000137 4.65E-22
11 0.015308 4.74E-21 -0.003648 -3.29E-23 0.000137 4.65E-22
12 0.015308 4.75E-21 -0.003650 -3.29E-23 0.000137 4.65E-22
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO14 ----------
MAX

JOINT UX UY UZ RX RY RZ
1 0.014256 -3.51E-21 -0.001727 3.30E-23 0.000151 -3.13E-22
2 0.014259 -3.51E-21 -0.001729 3.30E-23 0.000151 -3.13E-22
3 0.014556 -4.01E-21 -0.001969 3.30E-23 0.000151 -3.13E-22
4 0.014853 -4.51E-21 -0.002205 3.08E-23 0.000147 -3.14E-22
5 0.015155 -2.54E-21 -0.002396 1.25E-23 0.000128 2.27E-21
6 0.015249 -1.35E-21 -0.002444 4.27E-24 0.000123 2.48E-21
7 0.015361 1.72E-22 -0.002500 -5.55E-24 0.000121 2.55E-21
8 0.015455 1.43E-21 -0.002545 -1.37E-23 0.000123 2.45E-21

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY UZ RX RY RZ
9 0.015757 3.92E-21 -0.002714 -3.08E-23 0.000137 5.82E-23
10 0.016054 4.01E-21 -0.002935 -3.30E-23 0.000142 5.80E-23
11 0.016351 4.10E-21 -0.003160 -3.30E-23 0.000142 5.80E-23
12 0.016354 4.10E-21 -0.003162 -3.30E-23 0.000142 5.80E-23
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO14 ----------
MIN

JOINT UX UY UZ RX RY RZ
1 0.014256 -3.51E-21 -0.001727 3.30E-23 0.000151 -3.13E-22
2 0.014259 -3.51E-21 -0.001729 3.30E-23 0.000151 -3.13E-22
3 0.014556 -4.01E-21 -0.001969 3.30E-23 0.000151 -3.13E-22
4 0.014853 -4.51E-21 -0.002205 3.08E-23 0.000147 -3.14E-22
5 0.015155 -2.54E-21 -0.002396 1.25E-23 0.000128 2.27E-21
6 0.015249 -1.35E-21 -0.002444 4.27E-24 0.000123 2.48E-21
7 0.015361 1.72E-22 -0.002500 -5.55E-24 0.000121 2.55E-21
8 0.015455 1.43E-21 -0.002545 -1.37E-23 0.000123 2.45E-21
9 0.015757 3.92E-21 -0.002714 -3.08E-23 0.000137 5.82E-23
10 0.016054 4.01E-21 -0.002935 -3.30E-23 0.000142 5.80E-23
11 0.016351 4.10E-21 -0.003160 -3.30E-23 0.000142 5.80E-23
12 0.016354 4.10E-21 -0.003162 -3.30E-23 0.000142 5.80E-23
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO15 ----------
MAX

JOINT UX UY UZ RX RY RZ
1 0.015307 -2.85E-21 -0.001718 3.29E-23 0.000156 -7.20E-22
2 0.015307 -2.86E-21 -0.001721 3.29E-23 0.000156 -7.20E-22
3 0.015307 -4.00E-21 -0.001969 3.29E-23 0.000157 -7.20E-22
4 0.015307 -5.14E-21 -0.002213 3.07E-23 0.000152 -7.20E-22
5 0.015307 -3.56E-21 -0.002410 1.24E-23 0.000130 2.17E-21
6 0.015307 -2.41E-21 -0.002460 4.26E-24 0.000124 2.44E-21
7 0.015307 -8.92E-22 -0.002515 -5.54E-24 0.000120 2.58E-21
8 0.015306 3.93E-22 -0.002560 -1.37E-23 0.000121 2.54E-21
9 0.015306 3.27E-21 -0.002722 -3.07E-23 0.000132 4.65E-22
10 0.015306 4.00E-21 -0.002935 -3.29E-23 0.000137 4.65E-22
11 0.015306 4.74E-21 -0.003152 -3.29E-23 0.000137 4.65E-22
12 0.015306 4.75E-21 -0.003154 -3.29E-23 0.000137 4.65E-22
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO15 ----------
MIN

JOINT UX UY UZ RX RY RZ
1 0.015307 -2.85E-21 -0.001718 3.29E-23 0.000156 -7.20E-22
2 0.015307 -2.86E-21 -0.001721 3.29E-23 0.000156 -7.20E-22
3 0.015307 -4.00E-21 -0.001969 3.29E-23 0.000157 -7.20E-22
4 0.015307 -5.14E-21 -0.002213 3.07E-23 0.000152 -7.20E-22

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT UX UY UZ RX RY RZ
5 0.015307 -3.56E-21 -0.002410 1.24E-23 0.000130 2.17E-21
6 0.015307 -2.41E-21 -0.002460 4.26E-24 0.000124 2.44E-21
7 0.015307 -8.92E-22 -0.002515 -5.54E-24 0.000120 2.58E-21
8 0.015306 3.93E-22 -0.002560 -1.37E-23 0.000121 2.54E-21
9 0.015306 3.27E-21 -0.002722 -3.07E-23 0.000132 4.65E-22
10 0.015306 4.00E-21 -0.002935 -3.29E-23 0.000137 4.65E-22
11 0.015306 4.74E-21 -0.003152 -3.29E-23 0.000137 4.65E-22
12 0.015306 4.75E-21 -0.003154 -3.29E-23 0.000137 4.65E-22
13 .000000 .000000 .000000 .000000 .000000 .000000
14 .000000 .000000 .000000 .000000 .000000 .000000

COMB UEO16 ----------
MAX

JOINT UX UY UZ RX RY RZ
1 0.000150 1.42E-21 -0.002529 -2.85E-25 1.76E-05 -8.63E-22
2 0.000150 1.40E-21 -0.002529 -2.85E-25 1.76E-05 -8.63E-22
3 0.000150 3.47E-23 -0.002557 -2.85E-25 1.77E-05 -8.63E-22
4 0.000150 -1.33E-21 -0.002585 -2.66E-25 1.77E-05 -8.64E-22
5 0.000150 -2.26E-21 -0.002616 -1.08E-25 1.21E-05 -2.65E-22
6 0.000150 -2.36E-21 -0.002622 -3.70E-26 8.17E-06 -1.16E-22
7 0.000150 -2.37E-21 -0.002626 4.81E-26 3.35E-06 6.76E-23
8 0.000150 -2.30E-21 -0.002626 1.19E-25 -5.86E-07 2.18E-22
9 0.000150 -1.41E-21 -0.002614 2.66E-25 -5.76E-06 8.66E-22
10 0.000150 -3.47E-23 -0.002605 2.85E-25 -5.78E-06 8.65E-22
11 0.000150 1.34E-21 -0.002596 2.85E-25 -5.70E-06 8.65E-22
12 0.000150 1.35E-21 -0.002596 2.85E-25 -5.70E-06 8.65E-22
13 .000000 .000000

.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000

COMB UEO16 ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000150	1.42E-21	-0.002529	-2.85E-25	1.76E-05
-8.63E-22					
2	0.000150	1.40E-21	-0.002529	-2.85E-25	1.76E-05
-8.63E-22					
3	0.000150	3.47E-23	-0.002557	-2.85E-25	1.77E-05
-8.63E-22					
4	0.000150	-1.33E-21	-0.002585	-2.66E-25	1.77E-05
-8.64E-22					
5	0.000150	-2.26E-21	-0.002616	-1.08E-25	1.21E-05
-2.65E-22					
6	0.000150	-2.36E-21	-0.002622	-3.70E-26	8.17E-06
-1.16E-22					
7	0.000150	-2.37E-21	-0.002626	4.81E-26	3.35E-06
6.76E-23					
8	0.000150	-2.30E-21	-0.002626	1.19E-25	-5.86E-07
2.18E-22					
9	0.000150	-1.41E-21	-0.002614	2.66E-25	-5.76E-06
8.66E-22					
10	0.000150	-3.47E-23	-0.002605	2.85E-25	-5.78E-06
8.65E-22					
11	0.000150	1.34E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
12	0.000150	1.35E-21	-0.002596	2.85E-25	-5.70E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEO17 ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000153	1.42E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
2	0.000153	1.40E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
3	0.000153	3.49E-23	-0.003072	-2.87E-25	1.78E-05
-8.63E-22					
4	0.000153	-1.33E-21	-0.003100	-2.68E-25	1.78E-05
-8.64E-22					
5	0.000153	-2.26E-21	-0.003132	-1.08E-25	1.22E-05
-2.65E-22					
6	0.000153	-2.36E-21	-0.003138	-3.72E-26	8.27E-06
-1.16E-22					
7	0.000153	-2.37E-21	-0.003142	4.83E-26	3.45E-06
6.75E-23					
8	0.000153	-2.30E-21	-0.003142	1.20E-25	-4.87E-07
2.18E-22					
9	0.000152	-1.41E-21	-0.003130	2.68E-25	-5.66E-06
8.66E-22					
10	0.000152	-3.49E-23	-0.003121	2.87E-25	-5.69E-06
8.65E-22					
11	0.000152	1.34E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
12	0.000152	1.35E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

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COMB UEO17 ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000153	1.42E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
2	0.000153	1.40E-21	-0.003044	-2.87E-25	1.77E-05
-8.63E-22					
3	0.000153	3.49E-23	-0.003072	-2.87E-25	1.78E-05
-8.63E-22					
4	0.000153	-1.33E-21	-0.003100	-2.68E-25	1.78E-05
-8.64E-22					
5	0.000153	-2.26E-21	-0.003132	-1.08E-25	1.22E-05
-2.65E-22					
6	0.000153	-2.36E-21	-0.003138	-3.72E-26	8.27E-06
-1.16E-22					
7	0.000153	-2.37E-21	-0.003142	4.83E-26	3.45E-06
6.75E-23					
8	0.000153	-2.30E-21	-0.003142	1.20E-25	-4.87E-07
2.18E-22					
9	0.000152	-1.41E-21	-0.003130	2.68E-25	-5.66E-06
8.66E-22					
10	0.000152	-3.49E-23	-0.003121	2.87E-25	-5.69E-06
8.65E-22					
11	0.000152	1.34E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
12	0.000152	1.35E-21	-0.003112	2.87E-25	-5.60E-06
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB UEO18 ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.024895	-5.50E-21	-0.001188	5.26E-23	0.000238
-5.59E-22					
2	0.024895	-5.51E-21	-0.001191	5.26E-23	0.000238
-5.59E-22					
3	0.024895	-6.40E-21	-0.001568	5.26E-23	0.000238
-5.59E-22					
4	0.024894	-7.29E-21	-0.001939	4.91E-23	0.000231
-5.60E-22					
5	0.024894	-4.14E-21	-0.002233	1.99E-23	0.000200
3.63E-21					
6	0.024894	-2.24E-21	-0.002308	6.81E-24	0.000192
3.96E-21					
7	0.024893	1.83E-22	-0.002394	-8.86E-24	0.000189
4.06E-21					
8	0.024893	2.18E-21	-0.002465	-2.19E-23	0.000193
3.90E-21					
9	0.024893	6.16E-21	-0.002731	-4.91E-23	0.000215
1.52E-22					
10	0.024892	6.40E-21	-0.003078	-5.26E-23	0.000222
1.52E-22					
11	0.024892	6.64E-21	-0.003430	-5.26E-23	0.000222
1.52E-22					
12	0.024892	6.64E-21	-0.003433	-5.26E-23	0.000222
1.52E-22					

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

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COMB UEO18 ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.024895	-5.50E-21	-0.001188	5.26E-23	0.000238
-5.59E-22					
2	0.024895	-5.51E-21	-0.001191	5.26E-23	0.000238
-5.59E-22					
3	0.024895	-6.40E-21	-0.001568	5.26E-23	0.000238
-5.59E-22					
4	0.024894	-7.29E-21	-0.001939	4.91E-23	0.000231
-5.60E-22					
5	0.024894	-4.14E-21	-0.002233	1.99E-23	0.000200
3.63E-21					
6	0.024894	-2.24E-21	-0.002308	6.81E-24	0.000192
3.96E-21					
7	0.024893	1.83E-22	-0.002394	-8.86E-24	0.000189
4.06E-21					
8	0.024893	2.18E-21	-0.002465	-2.19E-23	0.000193
3.90E-21					
9	0.024893	6.16E-21	-0.002731	-4.91E-23	0.000215
1.52E-22					
10	0.024892	6.40E-21	-0.003078	-5.26E-23	0.000222
1.52E-22					
11	0.024892	6.64E-21	-0.003430	-5.26E-23	0.000222
1.52E-22					
12	0.024892	6.64E-21	-0.003433	-5.26E-23	0.000222
1.52E-22					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ENVBULT ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000199	1.84E-21	.000000	.000000	2.31E-05
.000000					
2	0.000199	1.82E-21	.000000	.000000	2.31E-05
.000000					
3	0.000199	4.55E-23	.000000	.000000	2.32E-05
.000000					
4	0.000199	.000000	.000000	.000000	2.32E-05
.000000					
5	0.000199	.000000	.000000	.000000	1.58E-05
.000000					
6	0.000199	.000000	.000000	.000000	1.08E-05
.000000					
7	0.000199	.000000	.000000	6.29E-26	4.52E-06
8.77E-23					
8	0.000199	.000000	.000000	1.56E-25	.000000
2.83E-22					
9	0.000199	.000000	.000000	3.49E-25	.000000
1.13E-21					
10	0.000199	.000000	.000000	3.74E-25	.000000
1.12E-21					
11	0.000199	1.74E-21	.000000	3.74E-25	.000000
1.12E-21					
12	0.000199	1.75E-21	.000000	3.74E-25	.000000
1.12E-21					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ENVBULT ----------
MIN

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	.000000	.000000	-0.004139	-3.74E-25	.000000
-1.12E-21					
2	.000000	.000000	-0.004140	-3.74E-25	.000000
-1.12E-21					
3	.000000	.000000	-0.004176	-3.74E-25	.000000
-1.12E-21					
4	.000000	-1.73E-21	-0.004213	-3.49E-25	.000000
-1.12E-21					
5	.000000	-2.94E-21	-0.004254	-1.41E-25	.000000
-3.44E-22					
6	.000000	-3.06E-21	-0.004262	-4.84E-26	.000000
-1.51E-22					
7	.000000	-3.08E-21	-0.004267	.000000	.000000
.000000					
8	.000000	-2.99E-21	-0.004267	.000000	-5.99E-07
.000000					

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY			
UZ	RX	RY	RZ		
9	.000000	-1.83E-21	-0.004251	.000000	-7.32E-06
.000000					
10	.000000	-4.55E-23	-0.004240	.000000	-7.36E-06
.000000					
11	.000000	.000000	-0.004228	.000000	-7.25E-06
.000000					
12	.000000	.000000	-0.004228	.000000	-7.25E-06
.000000					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ENVBECC ----------
MAX

JOINT	UX	UY			
UZ	RX	RY	RZ		
1	0.000154	1.42E-21	.000000	.000000	1.78E-05
.000000					
2	0.000154	1.40E-21	.000000	.000000	1.78E-05
.000000					
3	0.000154	3.50E-23	.000000	.000000	1.79E-05
.000000					
4	0.000154	.000000	.000000	.000000	1.79E-05
.000000					
5	0.000154	.000000	.000000	.000000	1.22E-05
.000000					
6	0.000154	.000000	.000000	.000000	8.33E-06
.000000					
7	0.000154	.000000	.000000	4.85E-26	3.52E-06
6.76E-23					
8	0.000154	.000000	.000000	1.20E-25	.000000
2.18E-22					
9	0.000154	.000000	.000000	2.69E-25	.000000
8.66E-22					
10	0.000154	.000000	.000000	2.88E-25	.000000
8.65E-22					
11	0.000154	1.34E-21	.000000	2.88E-25	.000000
8.65E-22					
12	0.000154	1.35E-21	.000000	2.88E-25	.000000
8.65E-22					
13	.000000	.000000	.000000	.000000	.000000
.000000					
14	.000000	.000000	.000000	.000000	.000000
.000000					

COMB ENVBECC ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	.000000	.000000	-0.003381	-2.88E-25	.000000	-8.63E-22
2	.000000	.000000	-0.003381	-2.88E-25	.000000	-8.63E-22
3	.000000	.000000	-0.003409	-2.88E-25	.000000	-8.63E-22
4	.000000	-1.33E-21	-0.003437	-2.69E-25	.000000	-8.64E-22
5	.000000	-2.26E-21	-0.003469	-1.09E-25	.000000	-2.65E-22
6	.000000	-2.36E-21	-0.003475	-3.73E-26	.000000	-1.16E-22
7	.000000	-2.37E-21	-0.003479	.000000	.000000	.000000
8	.000000	-2.30E-21	-0.003479	.000000	-5.86E-07	.000000
9	.000000	-1.41E-21	-0.003467	.000000	-5.76E-06	.000000
10	.000000	-3.50E-23	-0.003458	.000000	-5.78E-06	.000000
11	.000000	.000000	-0.003449	.000000	-5.70E-06	.000000
12	.000000	.000000	-0.003449	.000000	-5.70E-06	.000000
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ENVOULT ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000199	1.84E-21	.000000	.000000	2.31E-05	.000000
2	0.000199	1.82E-21	.000000	.000000	2.31E-05	.000000
3	0.000199	4.55E-23	.000000	.000000	2.32E-05	.000000
4	0.000199	.000000	.000000	.000000	2.32E-05	.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 82

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ	RX	RY	RZ
5	0.000199	.000000	.000000	.000000	1.58E-05	.000000
6	0.000199	.000000	.000000	.000000	1.08E-05	.000000
7	0.000199	.000000	.000000	6.29E-26	4.52E-06	8.77E-23
8	0.000199	.000000	.000000	1.56E-25	.000000	2.83E-22
9	0.000199	.000000	.000000	3.49E-25	.000000	1.13E-21
10	0.000199	.000000	.000000	3.74E-25	.000000	1.12E-21
11	0.000199	1.74E-21	.000000	3.74E-25	.000000	1.12E-21
12	0.000199	1.75E-21	.000000	3.74E-25	.000000	1.12E-21
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ENVOULT ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	.000000	.000000	-0.004139	-3.74E-25	.000000	-1.12E-21
2	.000000	.000000	-0.004140	-3.74E-25	.000000	-1.12E-21
3	.000000	.000000	-0.004176	-3.74E-25	.000000	-1.12E-21
4	.000000	-1.73E-21	-0.004213	-3.49E-25	.000000	-1.12E-21
5	.000000	-2.94E-21	-0.004254	-1.41E-25	.000000	-3.44E-22
6	.000000	-3.06E-21	-0.004262	-4.84E-26	.000000	-1.51E-22
7	.000000	-3.08E-21	-0.004267	.000000	.000000	.000000
8	.000000	-2.99E-21	-0.004267	.000000	-5.99E-07	.000000
9	.000000	-1.83E-21	-0.004251	.000000	-7.32E-06	.000000
10	.000000	-4.55E-23	-0.004240	.000000	-7.36E-06	.000000
11	.000000	.000000	-0.004228	.000000	-7.25E-06	.000000
12	.000000	.000000	-0.004228	.000000	-7.25E-06	.000000
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB ENVOECC ---------- MAX

JOINT	UX	UY	UZ	RX	RY	RZ
1	0.000154	1.42E-21	.000000	.000000	1.78E-05	.000000
2	0.000154	1.40E-21	.000000	.000000	1.78E-05	.000000
3	0.000154	3.50E-23	.000000	.000000	1.79E-05	.000000
4	0.000154	.000000	.000000	.000000	1.79E-05	.000000
5	0.000154	.000000	.000000	.000000	1.22E-05	.000000
6	0.000154	.000000	.000000	.000000	8.33E-06	.000000
7	0.000154	.000000	.000000	4.85E-26	3.52E-06	6.76E-23
8	0.000154	.000000	.000000	1.20E-25	.000000	2.18E-22
9	0.000154	.000000	.000000	2.69E-25	.000000	8.66E-22
10	0.000154	.000000	.000000	2.88E-25	.000000	8.65E-22
11	0.000154	1.34E-21	.000000	2.88E-25	.000000	8.65E-22
12	0.000154	1.35E-21	.000000	2.88E-25	.000000	8.65E-22
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 83

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

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ENVOECC ---------- MIN

JOINT	UX	UY	UZ	RX	RY	RZ
1	.000000	.000000	-0.003381	-2.88E-25	.000000	-8.63E-22
2	.000000	.000000	-0.003381	-2.88E-25	.000000	-8.63E-22
3	.000000	.000000	-0.003409	-2.88E-25	.000000	-8.63E-22
4	.000000	-1.33E-21	-0.003437	-2.69E-25	.000000	-8.64E-22
5	.000000	-2.26E-21	-0.003469	-1.09E-25	.000000	-2.65E-22
6	.000000	-2.36E-21	-0.003475	-3.73E-26	.000000	-1.16E-22
7	.000000	-2.37E-21	-0.003479	.000000	.000000	.000000
8	.000000	-2.30E-21	-0.003479	.000000	-5.86E-07	.000000
9	.000000	-1.41E-21	-0.003467	.000000	-5.76E-06	.000000
10	.000000	-3.50E-23	-0.003458	.000000	-5.78E-06	.000000
11	.000000	.000000	-0.003449	.000000	-5.70E-06	.000000
12	.000000	.000000	-0.003449	.000000	-5.70E-06	.000000
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 84

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 GLOBAL COORDINATES

LOAD D ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-5.64E-19	16609.367	1.24E-17	111.323928	1.76E-15
14	-9.184576	5.64E-19	16832.189	-1.24E-17	-163.176793	-1.77E-15

LOAD L1 ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	-2.95E-05	-2.50E-21	1844.862	5.48E-20	-0.326693	-5.91E-21
14	2.95E-05	2.50E-21	1847.688	-5.48E-20	-0.325812	-1.41E-20

LOAD W-LO ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	-3.16E-17	-427.273496	1.50E-18	10544.142	-4.78E-16	-9.818213
14	3.16E-17	-427.760581	-1.50E-18	10554.839	4.66E-16	-5.368602

LOAD G-LO1 ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	-1.52E-26	-60.310100	1.14E-24	2793.262	7.02E-26	8.74E-09
14	1.52E-26	-60.310100	-1.27E-24	2793.262	5.25E-25	8.94E-09

LOAD E-LO ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

LOAD W-TR ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	-637.583014	8.71E-17	-2843.878	-1.91E-15	-11945.255	-3.71E-16
14	-563.140760	-8.71E-17	2843.878	1.91E-15	-11406.162	1.07E-15

LOAD WL ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	-41.205196	8.95E-18	-292.290603	-1.96E-16	-929.359780	2.12E-17
14	-41.416604	-8.95E-18	292.290603	1.96E-16	-932.518984	5.04E-17

LOAD G-TR ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	15.341811	8.67E-20	-0.055093	-1.90E-18	333.105660	-6.65E-16
14	-15.341811	-8.67E-20	0.055093	1.90E-18	-332.664913	6.65E-16

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 85

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 GLOBAL COORDINATES

LOAD E-TR ----------

JOINT	FX	FY	FZ	MX	MY	MZ
13	.000000	.000000	.000000	.000000	.000000	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVB01 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-5.67E-19	18454.228	1.24E-17	110.997235	1.76E-15
14	-9.184547	5.67E-19	18679.877	-1.24E-17	-163.502605	-1.77E-15

COMB SVB01 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-5.67E-19	18454.228	1.24E-17	110.997235	1.76E-15
14	-9.184547	5.67E-19	18679.877	-1.24E-17	-163.502605	-1.77E-15

COMB SVB02 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-5.64E-19	16609.367	1.24E-17	111.323928	1.76E-15
14	-9.184576	5.64E-19	16832.189	-1.24E-17	-163.176793	-1.77E-15

COMB SVB02 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-5.64E-19	16609.367	1.24E-17	111.323928	1.76E-15
14	-9.184576	5.64E-19	16832.189	-1.24E-17	-163.176793	-1.77E-15

COMB SVB03 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-427.273496	16609.367	10544.142	111.323928	-9.818213
14	-9.184576	-427.760581	16832.189	10554.839	-163.176793	-5.368602

COMB SVB03 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-427.273496	16609.367	10544.142	111.323928	-9.818213
14	-9.184576	-427.760581	16832.189	10554.839	-163.176793	-5.368602

COMB SVB04 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-213.636748	18454.228	5272.071	110.997235	-4.909107
14	-9.184547	-213.880290	18679.877	5277.419	-163.502605	-2.684301

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 86

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 GLOBAL COORDINATES

COMB SVB04 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-213.636748	18454.228	5272.071	110.997235	-4.909107
14	-9.184547	-213.880290	18679.877	5277.419	-163.502605	-2.684301

COMB SVB05 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-213.636748	16609.367	5272.071	111.323928	-4.909107
14	-9.184576	-213.880290	16832.189	5277.419	-163.176793	-2.684301

COMB SVB05 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-213.636748	16609.367	5272.071	111.323928	-4.909107
14	-9.184576	-213.880290	16832.189	5277.419	-163.176793	-2.684301

COMB SVB06 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-60.310100	18454.228	2793.262	110.997235	8.74E-09
14	-9.184547	-60.310100	18679.877	2793.262	-163.502605	8.94E-09

COMB SVB06 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-60.310100	18454.228	2793.262	110.997235	8.74E-09
14	-9.184547	-60.310100	18679.877	2793.262	-163.502605	8.94E-09

COMB SVB07 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-5.67E-19	18454.228	1.24E-17	110.997235	1.76E-15
14	-9.184547	5.67E-19	18679.877	-1.24E-17	-163.502605	-1.77E-15

COMB SVB07 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-5.67E-19	18454.228	1.24E-17	110.997235	1.76E-15
14	-9.184547	5.67E-19	18679.877	-1.24E-17	-163.502605	-1.77E-15

COMB SVB08 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-60.310100	16609.367	2793.262	111.323928	8.74E-09
14	-9.184576	-60.310100	16832.189	2793.262	-163.176793	8.94E-09

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 87

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 GLOBAL COORDINATES

COMB SVB08 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-60.310100	16609.367	2793.262	111.323928	8.74E-09
14	-9.184576	-60.310100	16832.189	2793.262	-163.176793	8.94E-09

COMB SVB09 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-5.64E-19	16609.367	1.24E-17	111.323928	1.76E-15
14	-9.184576	5.64E-19	16832.189	-1.24E-17	-163.176793	-1.77E-15

COMB SVB09 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-5.64E-19	16609.367	1.24E-17	111.323928	1.76E-15
14	-9.184576	5.64E-19	16832.189	-1.24E-17	-163.176793	-1.77E-15

COMB SVB10 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-487.583596	16609.367	13337.404	111.323928	-9.818213
14	-9.184576	-488.070681	16832.189	13348.101	-163.176793	-5.368602

COMB SVB10 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-487.583596	16609.367	13337.404	111.323928	-9.818213
14	-9.184576	-488.070681	16832.189	13348.101	-163.176793	-5.368602

COMB SVB11 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-427.273496	16609.367	10544.142	111.323928	-9.818213
14	-9.184576	-427.760581	16832.189	10554.839	-163.176793	-5.368602

COMB SVB11 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-427.273496	16609.367	10544.142	111.323928	-9.818213
14	-9.184576	-427.760581	16832.189	10554.839	-163.176793	-5.368602

COMB SVB12 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-273.946848	18454.228	8065.333	110.997235	-4.909107
14	-9.184547	-274.190391	18679.877	8070.682	-163.502605	-2.684301

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 88

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 GLOBAL COORDINATES

COMB SVB12 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-273.946848	18454.228	8065.333	110.997235	-4.909107
14	-9.184547	-274.190391	18679.877	8070.682	-163.502605	-2.684301

COMB SVB13 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-213.636748	18454.228	5272.071	110.997235	-4.909107
14	-9.184547	-213.880290	18679.877	5277.419	-163.502605	-2.684301

COMB SVB13 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184547	-213.636748	18454.228	5272.071	110.997235	-4.909107
14	-9.184547	-213.880290	18679.877	5277.419	-163.502605	-2.684301

COMB SVB14 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-273.946848	16609.367	8065.333	111.323928	-4.909107
14	-9.184576	-274.190391	16832.189	8070.682	-163.176793	-2.684301

COMB SVB14 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-273.946848	16609.367	8065.333	111.323928	-4.909107
14	-9.184576	-274.190391	16832.189	8070.682	-163.176793	-2.684301

COMB SVB15 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-213.636748	16609.367	5272.071	111.323928	-4.909107
14	-9.184576	-213.880290	16832.189	5277.419	-163.176793	-2.684301

COMB SVB15 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	9.184576	-213.636748	16609.367	5272.071	111.323928	-4.909107
14	-9.184576	-213.880290	16832.189	5277.419	-163.176793	-2.684301

COMB ULB01 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	11.939886	-7.39E-19	25558.629	1.62E-17	144.018716	2.29E-15
14	-11.939886	7.39E-19	25854.376	-1.62E-17	-212.830326	-2.30E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 89

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 GLOBAL COORDINATES

COMB ULB01 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	11.939886	-7.39E-19	25558.629	1.62E-17	144.018716	2.29E-15
14	-11.939886	7.39E-19	25854.376	-1.62E-17	-212.830326	-2.30E-15

COMB ULB02 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	11.939949	-7.34E-19	21592.177	1.61E-17	144.721106	2.29E-15
14	-11.939949	7.34E-19	21881.845	-1.61E-17	-212.129831	-2.30E-15

COMB ULB02 ---------- MIN

JOINT	FX	FY	FZ	MX	MY	MZ
13	11.939949	-7.34E-19	21592.177	1.61E-17	144.721106	2.29E-15
14	-11.939949	7.34E-19	21881.845	-1.61E-17	-212.129831	-2.30E-15

COMB ULB03 ---------- MAX

JOINT	FX	FY	FZ	MX	MY	MZ
13	11.939949	-555.455545	21592.177	13707.384	144.721106	-12.763677
14	-11.939949	-556.088755	21881.845	13721.291	-212.129831	-6.979183

COMB ULB03 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-555.455545
21592.177	13707.384	144.721106
-12.763677		
14	-11.939949	-556.088755
21881.845	13721.291	-212.129831
-6.979183		

COMB ULB04 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-277.727772
23990.497	6853.692	144.296405
-6.381838		
14	-11.939911	-278.044378
24283.840	6860.645	-212.553386
-3.489591		

COMB ULB04 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-277.727772
23990.497	6853.692	144.296405
-6.381838		
14	-11.939911	-278.044378
24283.840	6860.645	-212.553386
-3.489591		

COMB ULB05 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-277.727772
21592.177	6853.692	144.721106
-6.381838		
14	-11.939949	-278.044378
21881.845	6860.645	-212.129831
-3.489591		

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB05 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-277.727772
21592.177	6853.692	144.721106
-6.381838		
14	-11.939949	-278.044378
21881.845	6860.645	-212.129831
-3.489591		

COMB ULB06 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-78.403130
23990.497	3631.241	144.296405
1.14E-08		
14	-11.939911	-78.403130
24283.840	3631.241	-212.553386
1.16E-08		

COMB ULB06 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-78.403130
23990.497	3631.241	144.296405
1.14E-08		
14	-11.939911	-78.403130
24283.840	3631.241	-212.553386
1.16E-08		

COMB ULB07 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-7.37E-19
23990.497	1.62E-17	144.296405
2.29E-15		
14	-11.939911	7.37E-19
24283.840	-1.62E-17	-212.553386
-2.30E-15		

COMB ULB07 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-7.37E-19
23990.497	1.62E-17	144.296405
2.29E-15		
14	-11.939911	7.37E-19
24283.840	-1.62E-17	-212.553386
-2.30E-15		

COMB ULB08 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-78.403130
21592.177	3631.241	144.721106
1.14E-08		
14	-11.939949	-78.403130
21881.845	3631.241	-212.129831
1.16E-08		

COMB ULB08 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-78.403130
21592.177	3631.241	144.721106
1.14E-08		
14	-11.939949	-78.403130
21881.845	3631.241	-212.129831
1.16E-08		

COMB ULB09 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-7.34E-19
21592.177	1.61E-17	144.721106
2.29E-15		
14	-11.939949	7.34E-19
21881.845	-1.61E-17	-212.129831
-2.30E-15		

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB09 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-7.34E-19
21592.177	1.61E-17	144.721106
2.29E-15		
14	-11.939949	7.34E-19
21881.845	-1.61E-17	-212.129831
-2.30E-15		

COMB ULB10 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-609.479495
20761.708	16671.755	139.154910
-12.272766		
14	-11.480720	-610.088351
21040.236	16685.127	-203.970992
-6.710752		

COMB ULB10 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-609.479495
20761.708	16671.755	139.154910
-12.272766		
14	-11.480720	-610.088351
21040.236	16685.127	-203.970992
-6.710752		

COMB ULB11 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-534.091870
20761.708	13180.177	139.154910
-12.272766		
14	-11.480720	-534.700726
21040.236	13193.549	-203.970992
-6.710752		

COMB ULB11 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-534.091870
20761.708	13180.177	139.154910
-12.272766		
14	-11.480720	-534.700726
21040.236	13193.549	-203.970992
-6.710752		

COMB ULB12 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480683	-342.433560
23067.785	10081.667	138.746544
-6.136383		
14	-11.480683	-342.737988
23349.847	10088.352	-204.378256
-3.355376		

COMB ULB12 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480683	-342.433560
23067.785	10081.667	138.746544
-6.136383		
14	-11.480683	-342.737988
23349.847	10088.352	-204.378256
-3.355376		

COMB ULB13 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480683	-267.045935
23067.785	6590.089	138.746544
-6.136383		
14	-11.480683	-267.350363
23349.847	6596.774	-204.378256
-3.355376		

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB13 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480683	-267.045935
23067.785	6590.089	138.746544
-6.136383		
14	-11.480683	-267.350363
23349.847	6596.774	-204.378256
-3.355376		

COMB ULB14 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-342.433560
20761.708	10081.667	139.154910
-6.136383		
14	-11.480720	-342.737988
21040.236	10088.352	-203.970992
-3.355376		

COMB ULB14 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-342.433560
20761.708	10081.667	139.154910
-6.136383		
14	-11.480720	-342.737988
21040.236	10088.352	-203.970992
-3.355376		

COMB ULB15 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-267.045935
20761.708	6590.089	139.154910
-6.136383		
14	-11.480720	-267.350363
21040.236	6596.774	-203.970992
-3.355376		

COMB ULB15 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.480720	-267.045935
20761.708	6590.089	139.154910
-6.136383		
14	-11.480720	-267.350363
21040.236	6596.774	-203.970992
-3.355376		

COMB ULB16 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	9.184576	-5.64E-19
16609.367	1.24E-17	111.323928
1.76E-15		
14	-9.184576	5.64E-19
16832.189	-1.24E-17	-163.176793
-1.77E-15		

COMB ULB16 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	9.184576	-5.64E-19
16609.367	1.24E-17	111.323928
1.76E-15		
14	-9.184576	5.64E-19
16832.189	-1.24E-17	-163.176793
-1.77E-15		

COMB ULB17 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-7.37E-19
23990.497	1.62E-17	144.296405
2.29E-15		
14	-11.939911	7.37E-19
24283.840	-1.62E-17	-212.553386
-2.30E-15		

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB17 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-7.37E-19
23990.497	1.62E-17	144.296405
2.29E-15		
14	-11.939911	7.37E-19
24283.840	-1.62E-17	-212.553386
-2.30E-15		

COMB ULB18 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.021491	-512.728195
19931.240	12652.970	133.588714
-11.781856		
14	-11.021491	-513.312697
20198.627	12665.807	-195.812152
-6.442322		

COMB ULB18 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.021491	-512.728195
19931.240	12652.970	133.588714
-11.781856		
14	-11.021491	-513.312697
20198.627	12665.807	-195.812152
-6.442322		

COMB UEB01 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	9.184513	-5.70E-19
20575.819	1.25E-17	110.621538

1.76E-15
14 -9.184513 5.70E-19
20804.719 -1.25E-17 -163.877288
-1.77E-15

COMB UEB01 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184513 -5.70E-19
20575.819 1.25E-17 110.621538
1.76E-15
14 -9.184513 5.70E-19
20804.719 -1.25E-17 -163.877288
-1.77E-15

COMB UEB02 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEB02 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEB03 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -555.455545
16609.367 13707.384 111.323928
-12.763677
14 -9.184576 -556.088755
16832.189 13721.291 -163.176793
-6.979183
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 94

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 GLOBAL COORDINATES

COMB UEB03 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -555.455545
16609.367 13707.384 111.323928
-12.763677
14 -9.184576 -556.088755
16832.189 13721.291 -163.176793
-6.979183

COMB UEB04 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184538 -277.727772
19007.687 6853.692 110.899227
-6.381838
14 -9.184538 -278.044378
19234.184 6860.645 -163.600348
-3.489591

COMB UEB04 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184538 -277.727772
19007.687 6853.692 110.899227
-6.381838
14 -9.184538 -278.044378
19234.184 6860.645 -163.600348
-3.489591

COMB UEB05 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -277.727772
16609.367 6853.692 111.323928
-6.381838
14 -9.184576 -278.044378
16832.189 6860.645 -163.176793
-3.489591

COMB UEB05 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -277.727772
16609.367 6853.692 111.323928
-6.381838
14 -9.184576 -278.044378
16832.189 6860.645 -163.176793
-3.489591

COMB UEB06 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184538 -78.403130
19007.687 3631.241 110.899227
1.14E-08
14 -9.184538 -78.403130
19234.184 3631.241 -163.600348
1.16E-08

COMB UEB06 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184538 -78.403130
19007.687 3631.241 110.899227
1.14E-08
14 -9.184538 -78.403130
19234.184 3631.241 -163.600348
1.16E-08

COMB UEB07 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184538 -5.68E-19
19007.687 1.25E-17 110.899227
1.76E-15
14 -9.184538 5.68E-19
19234.184 -1.25E-17 -163.600348
-1.77E-15
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 95

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 GLOBAL COORDINATES

COMB UEB07 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184538 -5.68E-19
19007.687 1.25E-17 110.899227
1.76E-15
14 -9.184538 5.68E-19
19234.184 -1.25E-17 -163.600348
-1.77E-15

COMB UEB08 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -78.403130
16609.367 3631.241 111.323928
1.14E-08
14 -9.184576 -78.403130
16832.189 3631.241 -163.176793
1.16E-08

COMB UEB08 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -78.403130
16609.367 3631.241 111.323928
1.14E-08
14 -9.184576 -78.403130
16832.189 3631.241 -163.176793
1.16E-08

COMB UEB09 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEB09 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEB10 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 8.725347 -609.479495
15778.898 16671.755 105.757732
-12.272766
14 -8.725347 -610.088351
15990.579 16685.127 -155.017954
-6.710752

COMB UEB10 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 8.725347 -609.479495
15778.898 16671.755 105.757732
-12.272766
14 -8.725347 -610.088351
15990.579 16685.127 -155.017954
-6.710752

COMB UEB11 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 8.725347 -534.091870
15778.898 13180.177 105.757732
-12.272766
14 -8.725347 -534.700726
15990.579 13193.549 -155.017954
-6.710752
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 96

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 GLOBAL COORDINATES

COMB UEB11 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 8.725347 -534.091870
15778.898 13180.177 105.757732
-12.272766
14 -8.725347 -534.700726
15990.579 13193.549 -155.017954
-6.710752

COMB UEB12 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 8.725310 -342.433560
18084.975 10081.667 105.349365
-6.136383
14 -8.725310 -342.737988
18300.190 10088.352 -155.425218
-3.355376

COMB UEB12 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 8.725310 -342.433560
18084.975 10081.667 105.349365
-6.136383
14 -8.725310 -342.737988
18300.190 10088.352 -155.425218
-3.355376

COMB UEB13 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 8.725310 -267.045935
18084.975 6590.089 105.349365
-6.136383
14 -8.725310 -267.350363
18300.190 6596.774 -155.425218
-3.355376

COMB UEB13 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 8.725310 -267.045935
18084.975 6590.089 105.349365
-6.136383
14 -8.725310 -267.350363
18300.190 6596.774 -155.425218
-3.355376

COMB UEB14 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 8.725347 -342.433560
15778.898 10081.667 105.757732
-6.136383
14 -8.725347 -342.737988
15990.579 10088.352 -155.017954
-3.355376

COMB UEB14 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 8.725347 -342.433560
15778.898 10081.667 105.757732
-6.136383
14 -8.725347 -342.737988
15990.579 10088.352 -155.017954
-3.355376

COMB UEB15 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 8.725347 -267.045935
15778.898 6590.089 105.757732
-6.136383
14 -8.725347 -267.350363
15990.579 6596.774 -155.017954
-3.355376
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 97

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 GLOBAL COORDINATES

COMB UEB15 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 8.725347 -267.045935
15778.898 6590.089 105.757732
-6.136383
14 -8.725347 -267.350363
15990.579 6596.774 -155.017954
-3.355376

COMB UEB16 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEB16 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEB17 ----------
MAX

JOINT FX FY FZ MX MY MZ
13 9.184538 -5.68E-19 19007.687 1.25E-17 110.899227 1.76E-15
14 -9.184538 5.68E-19 19234.184 -1.25E-17 -163.600348 -1.77E-15

COMB UEB17 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 9.184538 -5.68E-19 19007.687 1.25E-17 110.899227 1.76E-15
14 -9.184538 5.68E-19 19234.184 -1.25E-17 -163.600348 -1.77E-15

COMB UEB18 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 8.266119 -512.728195 14948.430 12652.970 100.191535 -11.781856
14 -8.266119 -513.312697 15148.970 12665.807 -146.859114 -6.442322

COMB UEB18 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 8.266119 -512.728195 14948.430 12652.970 100.191535 -11.781856
14 -8.266119 -513.312697 15148.970 12665.807 -146.859114 -6.442322

COMB SVO01 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184547 -5.67E-19 18454.228 1.24E-17 110.997235 1.76E-15
14 -9.184547 5.67E-19 18679.877 -1.24E-17 -163.502605 -1.77E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 98

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 GLOBAL COORDINATES

COMB SVO01 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 9.184547 -5.67E-19 18454.228 1.24E-17 110.997235 1.76E-15
14 -9.184547 5.67E-19 18679.877 -1.24E-17 -163.502605 -1.77E-15

COMB SVO02 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184576 -5.64E-19 16609.367 1.24E-17 111.323928 1.76E-15
14 -9.184576 5.64E-19 16832.189 -1.24E-17 -163.176793 -1.77E-15

COMB SVO02 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 9.184576 -5.64E-19 16609.367 1.24E-17 111.323928 1.76E-15
14 -9.184576 5.64E-19 16832.189 -1.24E-17 -163.176793 -1.77E-15

COMB SVO03 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -628.398438 8.66E-17 13765.488 -1.90E-15 -11833.931 1.39E-15
14 -572.325336 -8.66E-17 19676.067 1.90E-15 -11569.339 -7.01E-16

COMB SVO03 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -628.398438 8.66E-17 13765.488 -1.90E-15 -11833.931 1.39E-15
14 -572.325336 -8.66E-17 19676.067 1.90E-15 -11569.339 -7.01E-16

COMB SVO04 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -350.812156 5.19E-17 16739.999 -1.14E-15 -6790.990 1.60E-15
14 -332.171531 -5.19E-17 20394.107 1.14E-15 -6799.103 -1.18E-15

COMB SVO04 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -350.812156 5.19E-17 16739.999 -1.14E-15 -6790.990 1.60E-15
14 -332.171531 -5.19E-17 20394.107 1.14E-15 -6799.103 -1.18E-15

COMB SVO05 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -350.812127 5.19E-17 14895.137 -1.14E-15 -6790.663 1.60E-15
14 -332.171561 -5.19E-17 18546.419 1.14E-15 -6798.777 -1.18E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 99

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 GLOBAL COORDINATES

COMB SVO05 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -350.812127 5.19E-17 14895.137 -1.14E-15 -6790.663 1.60E-15
14 -332.171561 -5.19E-17 18546.419 1.14E-15 -6798.777 -1.18E-15

COMB SVO06 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 24.526357 -4.80E-19 18454.173 1.05E-17 444.102895 1.10E-15
14 -24.526357 4.80E-19 18679.932 -1.05E-17 -496.167518 -1.10E-15

COMB SVO06 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 24.526357 -4.80E-19 18454.173 1.05E-17 444.102895 1.10E-15
14 -24.526357 4.80E-19 18679.932 -1.05E-17 -496.167518 -1.10E-15

COMB SVO07 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184547 -5.67E-19 18454.228 1.24E-17 110.997235 1.76E-15
14 -9.184547 5.67E-19 18679.877 -1.24E-17 -163.502605 -1.77E-15

COMB SVO07 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 9.184547 -5.67E-19 18454.228 1.24E-17 110.997235 1.76E-15
14 -9.184547 5.67E-19 18679.877 -1.24E-17 -163.502605 -1.77E-15

COMB SVO08 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 24.526387 -4.78E-19 16609.312 1.05E-17 444.429588 1.10E-15
14 -24.526387 4.78E-19 16832.244 -1.05E-17 -495.841706 -1.10E-15

COMB SVO08 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 24.526387 -4.78E-19 16609.312 1.05E-17 444.429588 1.10E-15
14 -24.526387 4.78E-19 16832.244 -1.05E-17 -495.841706 -1.10E-15

COMB SVO09 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184576 -5.64E-19 16609.367 1.24E-17 111.323928 1.76E-15
14 -9.184576 5.64E-19 16832.189 -1.24E-17 -163.176793 -1.77E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 100

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 GLOBAL COORDINATES

COMB SVO09 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 9.184576 -5.64E-19 16609.367 1.24E-17 111.323928 1.76E-15
14 -9.184576 5.64E-19 16832.189 -1.24E-17 -163.176793 -1.77E-15

COMB SVO10 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -613.056627 8.66E-17 13765.433 -1.90E-15 -11500.825 7.29E-16
14 -587.667147 -8.66E-17 19676.122 1.90E-15 -11902.004 -3.61E-17

COMB SVO10 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -613.056627 8.66E-17 13765.433 -1.90E-15 -11500.825 7.29E-16
14 -587.667147 -8.66E-17 19676.122 1.90E-15 -11902.004 -3.61E-17

COMB SVO11 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -628.398438 8.66E-17 13765.488 -1.90E-15 -11833.931 1.39E-15
14 -572.325336 -8.66E-17 19676.067 1.90E-15 -11569.339 -7.01E-16

COMB SVO11 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -628.398438 8.66E-17 13765.488 -1.90E-15 -11833.931 1.39E-15
14 -572.325336 -8.66E-17 19676.067 1.90E-15 -11569.339 -7.01E-16

COMB SVO12 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -335.470345 5.20E-17 16739.943 -1.14E-15 -6457.884 9.36E-16
14 -347.513342 -5.20E-17 20394.162 1.14E-15 -7131.768 -5.20E-16

COMB SVO12 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -335.470345 5.20E-17 16739.943 -1.14E-15 -6457.884 9.36E-16
14 -347.513342 -5.20E-17 20394.162 1.14E-15 -7131.768 -5.20E-16

COMB SVO13 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -350.812156 5.19E-17 16739.999 -1.14E-15 -6790.990 1.60E-15
14 -332.171531 -5.19E-17 20394.107 1.14E-15 -6799.103 -1.18E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 101

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 GLOBAL COORDINATES

COMB SVO13 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -350.812156 5.19E-17 16739.999 -1.14E-15 -6790.990 1.60E-15
14 -332.171531 -5.19E-17 20394.107 1.14E-15 -6799.103 -1.18E-15

COMB SVO14 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -335.470316 5.20E-17 14895.082 -1.14E-15 -6457.558 9.36E-16
14 -347.513371 -5.20E-17 18546.474 1.14E-15 -7131.442 -5.20E-16

COMB SVO14 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -335.470316 5.20E-17 14895.082 -1.14E-15 -6457.558 9.36E-16
14 -347.513371 -5.20E-17 18546.474 1.14E-15 -7131.442 -5.20E-16

COMB SVO15 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-350.812127	5.19E-17
14895.137	-1.14E-15	-6790.663
1.60E-15		
14	-332.171561	-5.19E-17
18546.419	1.14E-15	-6798.777
-1.18E-15		

COMB SVO15 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-350.812127	5.19E-17
14895.137	-1.14E-15	-6790.663
1.60E-15		
14	-332.171561	-5.19E-17
18546.419	1.14E-15	-6798.777
-1.18E-15		

COMB ULO01 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939886	-7.39E-19
25558.629	1.62E-17	144.018716
2.29E-15		
14	-11.939886	7.39E-19
25854.376	-1.62E-17	-212.830326
-2.30E-15		

COMB ULO01 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939886	-7.39E-19
25558.629	1.62E-17	144.018716
2.29E-15		
14	-11.939886	7.39E-19
25854.376	-1.62E-17	-212.830326
-2.30E-15		

COMB ULO02 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-7.34E-19
21592.177	1.61E-17	144.721106
2.29E-15		
14	-11.939949	7.34E-19
21881.845	-1.61E-17	-212.129831
-2.30E-15		

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 GLOBAL COORDINATES

COMB ULO02 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-7.34E-19
21592.177	1.61E-17	144.721106
2.29E-15		
14	-11.939949	7.34E-19
21881.845	-1.61E-17	-212.129831
-2.30E-15		

COMB ULO03 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-816.917970	1.13E-16
17895.135	-2.47E-15	-15384.110
1.81E-15		
14	-744.022937	-1.13E-16
25578.887	2.47E-15	-15040.141
-9.12E-16		

COMB ULO03 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-816.917970	1.13E-16
17895.135	-2.47E-15	-15384.110
1.81E-15		
14	-744.022937	-1.13E-16
25578.887	2.47E-15	-15040.141
-9.12E-16		

COMB ULO04 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-456.055803	6.75E-17
21761.998	-1.48E-15	-8828.287
2.08E-15		
14	-431.822990	-6.75E-17
26512.339	1.48E-15	-8838.833
-1.54E-15		

COMB ULO04 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-456.055803	6.75E-17
21761.998	-1.48E-15	-8828.287
2.08E-15		
14	-431.822990	-6.75E-17
26512.339	1.48E-15	-8838.833
-1.54E-15		

COMB ULO05 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-456.055765	6.75E-17
19363.678	-1.48E-15	-8827.862
2.08E-15		
14	-431.823029	-6.75E-17
24110.344	1.48E-15	-8838.410
-1.54E-15		

COMB ULO05 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-456.055765	6.75E-17
19363.678	-1.48E-15	-8827.862
2.08E-15		
14	-431.823029	-6.75E-17
24110.344	1.48E-15	-8838.410
-1.54E-15		

COMB ULO06 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	31.884265	-6.24E-19
23990.425	1.37E-17	577.333764
1.43E-15		
14	-31.884265	6.24E-19
24283.912	-1.37E-17	-645.017773
-1.43E-15		

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 GLOBAL COORDINATES

COMB ULO06 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	31.884265	-6.24E-19
23990.425	1.37E-17	577.333764
1.43E-15		
14	-31.884265	6.24E-19
24283.912	-1.37E-17	-645.017773
-1.43E-15		

COMB ULO07 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-7.37E-19
23990.497	1.62E-17	144.296405
2.29E-15		
14	-11.939911	7.37E-19
24283.840	-1.62E-17	-212.553386
-2.30E-15		

COMB ULO07 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939911	-7.37E-19
23990.497	1.62E-17	144.296405
2.29E-15		
14	-11.939911	7.37E-19
24283.840	-1.62E-17	-212.553386
-2.30E-15		

COMB ULO08 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	31.884303	-6.21E-19
21592.105	1.36E-17	577.758465
1.43E-15		
14	-31.884303	6.21E-19
21881.917	-1.36E-17	-644.594218
-1.43E-15		

COMB ULO08 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	31.884303	-6.21E-19
21592.105	1.36E-17	577.758465
1.43E-15		
14	-31.884303	6.21E-19
21881.917	-1.36E-17	-644.594218
-1.43E-15		

COMB ULO09 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-7.34E-19
21592.177	1.61E-17	144.721106
2.29E-15		
14	-11.939949	7.34E-19
21881.845	-1.61E-17	-212.129831
-2.30E-15		

COMB ULO09 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	11.939949	-7.34E-19
21592.177	1.61E-17	144.721106
2.29E-15		
14	-11.939949	7.34E-19
21881.845	-1.61E-17	-212.129831
-2.30E-15		

COMB ULO10 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-766.320784	1.08E-16
17206.792	-2.38E-15	-14376.031
9.12E-16		
14	-734.583934	-1.08E-16
24595.153	2.38E-15	-14877.505
-4.51E-17		

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 GLOBAL COORDINATES

COMB ULO10 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-766.320784	1.08E-16
17206.792	-2.38E-15	-14376.031
9.12E-16		
14	-734.583934	-1.08E-16
24595.153	2.38E-15	-14877.505
-4.51E-17		

COMB ULO11 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-785.498048	1.08E-16
17206.861	-2.38E-15	-14792.414
1.74E-15		
14	-715.406670	-1.08E-16
24595.084	2.38E-15	-14461.674
-8.77E-16		

COMB ULO11 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-785.498048	1.08E-16
17206.861	-2.38E-15	-14792.414
1.74E-15		
14	-715.406670	-1.08E-16
24595.084	2.38E-15	-14461.674
-8.77E-16		

COMB ULO12 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-419.337932	6.50E-17
20924.929	-1.43E-15	-8072.355
1.17E-15		
14	-434.391677	-6.50E-17
25492.703	1.43E-15	-8914.709
-6.49E-16		

COMB ULO12 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-419.337932	6.50E-17
20924.929	-1.43E-15	-8072.355
1.17E-15		
14	-434.391677	-6.50E-17
25492.703	1.43E-15	-8914.709
-6.49E-16		

COMB ULO13 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-438.515195	6.49E-17
20924.998	-1.43E-15	-8488.737
2.00E-15		
14	-415.214414	-6.49E-17
25492.634	1.43E-15	-8498.878
-1.48E-15		

COMB ULO13 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-438.515195	6.49E-17
20924.998	-1.43E-15	-8488.737
2.00E-15		
14	-415.214414	-6.49E-17
25492.634	1.43E-15	-8498.878
-1.48E-15		

COMB ULO14 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-419.337895	6.50E-17
18618.852	-1.43E-15	-8071.947
1.17E-15		
14	-434.391714	-6.50E-17
23183.092	1.43E-15	-8914.302
-6.49E-16		

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 GLOBAL COORDINATES

COMB ULO14 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-419.337895	6.50E-17
18618.852	-1.43E-15	-8071.947
1.17E-15		
14	-434.391714	-6.50E-17
23183.092	1.43E-15	-8914.302
-6.49E-16		

COMB ULO15 ----------
MAX

JOINT	FX	FY
FZ	MX	MY	MZ
13	-438.515158	6.49E-17
18618.921	-1.43E-15	-8488.329
2.00E-15		
14	-415.214451	-6.49E-17
23183.023	1.43E-15	-8498.471
-1.48E-15		

COMB ULO15 ----------
MIN

JOINT	FX	FY
FZ	MX	MY	MZ
13	-438.515158	6.49E-17
18618.921	-1.43E-15	-8488.329

2.00E-15
14 -415.214451 -6.49E-17
23183.023 1.43E-15 -8498.471
-1.48E-15

COMB ULO16 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB ULO16 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB ULO17 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 11.939911 -7.37E-19
23990.497 1.62E-17 144.296405
2.29E-15
14 -11.939911 7.37E-19
24283.840 -1.62E-17 -212.553386
-2.30E-15

COMB ULO17 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 11.939911 -7.37E-19
23990.497 1.62E-17 144.296405
2.29E-15
14 -11.939911 7.37E-19
24283.840 -1.62E-17 -212.553386
-2.30E-15

COMB ULO18 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -754.078126 1.04E-16
16518.586 -2.28E-15 -14200.717
1.67E-15
14 -686.790403 -1.04E-16
23611.280 2.28E-15 -13883.207
-8.42E-16
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 106

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 GLOBAL COORDINATES

COMB ULO18 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 -754.078126 1.04E-16
16518.586 -2.28E-15 -14200.717
1.67E-15
14 -686.790403 -1.04E-16
23611.280 2.28E-15 -13883.207
-8.42E-16

COMB UEO01 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184513 -5.70E-19
20575.819 1.25E-17 110.621538
1.76E-15
14 -9.184513 5.70E-19
20804.719 -1.25E-17 -163.877288
-1.77E-15

COMB UEO01 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184513 -5.70E-19
20575.819 1.25E-17 110.621538
1.76E-15
14 -9.184513 5.70E-19
20804.719 -1.25E-17 -163.877288
-1.77E-15

COMB UEO02 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEO02 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEO03 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -819.673342 1.13E-16
12912.325 -2.47E-15 -15417.507
1.28E-15
14 -741.267564 -1.13E-16
20529.230 2.47E-15 -14991.187
-3.81E-16

COMB UEO03 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 -819.673342 1.13E-16
12912.325 -2.47E-15 -15417.507
1.28E-15
14 -741.267564 -1.13E-16
20529.230 2.47E-15 -14991.187
-3.81E-16

COMB UEO04 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -458.811176 6.77E-17
16779.188 -1.49E-15 -8861.684
1.55E-15
14 -429.067618 -6.77E-17
21462.682 1.49E-15 -8789.880
-1.01E-15
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 107

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 GLOBAL COORDINATES

COMB UEO04 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 -458.811176 6.77E-17
16779.188 -1.49E-15 -8861.684
1.55E-15
14 -429.067618 -6.77E-17
21462.682 1.49E-15 -8789.880
-1.01E-15

COMB UEO05 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -458.811137 6.77E-17
14380.868 -1.49E-15 -8861.259
1.55E-15
14 -429.067656 -6.77E-17
19060.687 1.49E-15 -8789.457
-1.01E-15

COMB UEO05 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 -458.811137 6.77E-17
14380.868 -1.49E-15 -8861.259
1.55E-15
14 -429.067656 -6.77E-17
19060.687 1.49E-15 -8789.457
-1.01E-15

COMB UEO06 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 29.128892 -4.55E-19
19007.615 9.99E-18 543.936585
9.01E-16
14 -29.128892 4.55E-19
19234.255 -9.99E-18 -596.064735
-9.04E-16

COMB UEO06 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 29.128892 -4.55E-19
19007.615 9.99E-18 543.936585
9.01E-16
14 -29.128892 4.55E-19
19234.255 -9.99E-18 -596.064735
-9.04E-16

COMB UEO07 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184538 -5.68E-19
19007.687 1.25E-17 110.899227
1.76E-15
14 -9.184538 5.68E-19
19234.184 -1.25E-17 -163.600348
-1.77E-15

COMB UEO07 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184538 -5.68E-19
19007.687 1.25E-17 110.899227
1.76E-15
14 -9.184538 5.68E-19
19234.184 -1.25E-17 -163.600348
-1.77E-15

COMB UEO08 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 29.128930 -4.52E-19
16609.295 9.92E-18 544.361286
9.01E-16
14 -29.128930 4.52E-19
16832.260 -9.92E-18 -595.641180
-9.04E-16
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 108

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 GLOBAL COORDINATES

COMB UEO08 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 29.128930 -4.52E-19
16609.295 9.92E-18 544.361286
9.01E-16
14 -29.128930 4.52E-19
16832.260 -9.92E-18 -595.641180
-9.04E-16

COMB UEO09 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEO09 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 9.184576 -5.64E-19
16609.367 1.24E-17 111.323928
1.76E-15
14 -9.184576 5.64E-19
16832.189 -1.24E-17 -163.176793
-1.77E-15

COMB UEO10 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -769.076157 1.08E-16
12223.982 -2.38E-15 -14409.429
3.82E-16
14 -731.828561 -1.08E-16
19545.496 2.38E-15 -14828.552
4.86E-16

COMB UEO10 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 -769.076157 1.08E-16
12223.982 -2.38E-15 -14409.429
3.82E-16
14 -731.828561 -1.08E-16
19545.496 2.38E-15 -14828.552
4.86E-16

COMB UEO11 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -788.253421 1.08E-16
12224.051 -2.38E-15 -14825.811
1.21E-15
14 -712.651297 -1.08E-16
19545.427 2.38E-15 -14412.721
-3.46E-16

COMB UEO11 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 -788.253421 1.08E-16
12224.051 -2.38E-15 -14825.811
1.21E-15
14 -712.651297 -1.08E-16
19545.427 2.38E-15 -14412.721
-3.46E-16

COMB UEO12 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -422.093304 6.52E-17
15942.119 -1.43E-15 -8105.753
6.40E-16
14 -431.636304 -6.52E-17
20443.046 1.43E-15 -8865.756
-1.19E-16
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 109

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 GLOBAL COORDINATES

COMB UEO12 ----------
MIN

JOINT FX FY
FZ MX MY MZ
13 -422.093304 6.52E-17
15942.119 -1.43E-15 -8105.753
6.40E-16
14 -431.636304 -6.52E-17
20443.046 1.43E-15 -8865.756
-1.19E-16

COMB UEO13 ----------
MAX

JOINT FX FY
FZ MX MY MZ
13 -441.270568 6.51E-17
15942.188 -1.43E-15 -8522.135
1.47E-15
14 -412.459041 -6.51E-17
20442.977 1.43E-15 -8449.925
-9.50E-16

COMB UEO13 ----------
MIN

JOINT FX FY

JOINT FX FY FZ MX MY MZ
13 -441.270568 6.51E-17 15942.188 -1.43E-15 -8522.135 1.47E-15
14 -412.459041 -6.51E-17 20442.977 1.43E-15 -8449.925 -9.50E-16

COMB UEO14 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -422.093268 6.52E-17 13636.042 -1.43E-15 -8105.344 6.40E-16
14 -431.636341 -6.52E-17 18133.435 1.43E-15 -8865.349 -1.19E-16

COMB UEO14 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -422.093268 6.52E-17 13636.042 -1.43E-15 -8105.344 6.40E-16
14 -431.636341 -6.52E-17 18133.435 1.43E-15 -8865.349 -1.19E-16

COMB UEO15 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -441.270531 6.51E-17 13636.111 -1.43E-15 -8521.726 1.47E-15
14 -412.459078 -6.51E-17 18133.366 1.43E-15 -8449.518 -9.50E-16

COMB UEO15 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -441.270531 6.51E-17 13636.111 -1.43E-15 -8521.726 1.47E-15
14 -412.459078 -6.51E-17 18133.366 1.43E-15 -8449.518 -9.50E-16

COMB UEO16 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184576 -5.64E-19 16609.367 1.24E-17 111.323928 1.76E-15
14 -9.184576 5.64E-19 16832.189 -1.24E-17 -163.176793 -1.77E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 110

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEO16 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 9.184576 -5.64E-19 16609.367 1.24E-17 111.323928 1.76E-15
14 -9.184576 5.64E-19 16832.189 -1.24E-17 -163.176793 -1.77E-15

COMB UEO17 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184538 -5.68E-19 19007.687 1.25E-17 110.899227 1.76E-15
14 -9.184538 5.68E-19 19234.184 -1.25E-17 -163.600348 -1.77E-15

COMB UEO17 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 9.184538 -5.68E-19 19007.687 1.25E-17 110.899227 1.76E-15
14 -9.184538 5.68E-19 19234.184 -1.25E-17 -163.600348 -1.77E-15

COMB UEO18 ---------- MAX

JOINT FX FY FZ MX MY MZ
13 -756.833499 1.04E-16 11535.776 -2.28E-15 -14234.114 1.14E-15
14 -684.035030 -1.04E-16 18561.624 2.28E-15 -13834.254 -3.11E-16

COMB UEO18 ---------- MIN

JOINT FX FY FZ MX MY MZ
13 -756.833499 1.04E-16 11535.776 -2.28E-15 -14234.114 1.14E-15
14 -684.035030 -1.04E-16 18561.624 2.28E-15 -13834.254 -3.11E-16

COMB ENVBULT ---------- MAX

JOINT FX FY FZ MX MY MZ
13 11.939886 .000000 25558.629 1.62E-17 144.018716 2.29E-15
14 .000000 7.39E-19 25854.376 .000000 .000000

COMB ENVBULT ---------- MIN

JOINT FX FY FZ MX MY MZ
13 .000000 -7.39E-19 .000000 .000000 .000000
14 -11.939886 .000000 .000000 -1.62E-17 -212.830326 -2.30E-15

COMB ENVBECC ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184576 .000000 20575.819 1.25E-17 111.323928 1.76E-15
14 .000000 5.70E-19 20804.719 .000000 .000000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 111

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ENVBECC ---------- MIN

JOINT FX FY FZ MX MY MZ
13 .000000 -5.70E-19 .000000 .000000 .000000
14 -9.184576 .000000 .000000 -1.25E-17 -163.877288 -1.77E-15

COMB ENVOULT ---------- MAX

JOINT FX FY FZ MX MY MZ
13 11.939886 .000000 25558.629 1.62E-17 144.018716 2.29E-15
14 .000000 7.39E-19 25854.376 .000000 .000000

COMB ENVOULT ---------- MIN

JOINT FX FY FZ MX MY MZ
13 .000000 -7.39E-19 .000000 .000000 .000000
14 -11.939886 .000000 .000000 -1.62E-17 -212.830326 -2.30E-15

COMB ENVOECC ---------- MAX

JOINT FX FY FZ MX MY MZ
13 9.184576 .000000 20575.819 1.25E-17 111.323928 1.76E-15
14 .000000 5.70E-19 20804.719 .000000 .000000

COMB ENVOECC ---------- MIN

JOINT FX FY FZ MX MY MZ
13 .000000 -5.70E-19 .000000 .000000 .000000
14 -9.184576 .000000 .000000 -1.25E-17 -163.877288 -1.77E-15

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 112

GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD D ----------

FX FY FZ MX MY MZ
APPLIED .000000 8.74E-31 -33441.555 -4.07E-29 188215.852 3.09E-29
REACTNS 4.39E-10 2.69E-26 33441.555 -1.23E-24 -188215.852 2.17E-24

TOTAL 4.39E-10 2.69E-26 3.59E-09 -1.23E-24 9.46E-09 2.17E-24

LOAD L1 ----------

FX FY FZ MX MY MZ
APPLIED .000000 .000000 -3692.550 .000000 20690.240 .000000
REACTNS 5.52E-12 3.14E-27 3692.550 -1.43E-25 -20690.240 3.30E-25

TOTAL 5.52E-12 3.14E-27 5.53E-10 -1.43E-25 -1.40E-09 3.30E-25

LOAD W-LO ----------

FX FY FZ MX MY MZ
APPLIED .000000 855.034077 3.92E-31 -21098.981 -4.88E-30 4805.326
REACTNS 1.04E-28 -855.034077 -3.86E-25 21098.981 3.26E-23 -4805.326

TOTAL 1.04E-28 -2.58E-08 -3.86E-25 1.18E-06 3.26E-23 -8.56E-08

LOAD G-LO1 ----------

FX FY FZ MX MY MZ
APPLIED .000000 120.620200 .000000 -5586.525 .000000 675.473120
REACTNS -1.83E-32 -120.620200 -1.29E-25 5586.525 1.10E-23 -675.473120

TOTAL -1.83E-32 -8.72E-09 -1.29E-25 3.99E-07 1.10E-23 -2.89E-08

LOAD E-LO ----------

FX FY FZ MX MY MZ
APPLIED .000000 .000000 .000000 .000000 .000000 .000000
REACTNS .000000 .000000 .000000 .000000 .000000 .000000

TOTAL .000000 .000000 .000000 .000000 .000000 .000000

LOAD W-TR ----------

FX FY FZ MX MY MZ
APPLIED 1200.724 .000000 .000000 .000000 46102.442 .000000
REACTNS -1200.724 9.96E-26 -5.12E-10 -4.55E-24 -46102.442 5.67E-25

TOTAL 6.04E-08 9.96E-26 -5.12E-10 -4.55E-24 2.76E-06 5.67E-25

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 113

GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD WL ----------

FX FY FZ MX MY MZ
APPLIED 82.621800 .000000 .000000 .000000 4200.204 .000000
REACTNS -82.621800 1.03E-26 -5.22E-11 -4.72E-25 -4200.204 5.85E-26

TOTAL 5.32E-09 1.03E-26 -5.22E-11 -4.72E-25 2.43E-07 5.85E-26

LOAD G-TR ----------

FX FY FZ MX MY MZ
APPLIED .000000 .000000 .000000 .000000 1.11E-10 .000000
REACTNS 2.35E-09 -1.10E-27 -3.20E-12 5.04E-26 1.07E-07 -2.29E-27

TOTAL 2.35E-09 -1.10E-27 -3.20E-12 5.04E-26 1.07E-07 -2.29E-27

LOAD E-TR ----------

FX FY FZ MX MY MZ
APPLIED .000000 .000000 .000000 .000000 .000000 .000000
REACTNS .000000 .000000 .000000 .000000 .000000 .000000

TOTAL .000000 .000000 .000000 .000000 .000000 .000000

COMB SVB01 ---------- MAX

FX FY FZ MX MY MZ
APPLIED .000000 8.74E-31 -37134.105 -4.07E-29 208906.092 3.09E-29
REACTNS 4.45E-10 3.00E-26 37134.105 -1.37E-24 -208906.092 2.50E-24

TOTAL 4.45E-10 3.00E-26 4.15E-09 -1.37E-24 8.06E-09 2.50E-24

COMB SVB01 ---------- MIN

FX FY

FZ	MX	MY	MZ
APPLIED	.000000	8.74E-31	
-37134.105	-4.07E-29	208906.092	
3.09E-29			
REACTNS	4.45E-10	3.00E-26	
37134.105	-1.37E-24	-208906.092	
2.50E-24			
TOTAL	4.45E-10	3.00E-26	
4.15E-09	-1.37E-24	8.06E-09	
2.50E-24			

COMB SVB02 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	8.74E-31	
-33441.555	-4.07E-29	188215.852	
3.09E-29			
REACTNS	4.39E-10	2.69E-26	
33441.555	-1.23E-24	-188215.852	
2.17E-24			
TOTAL	4.39E-10	2.69E-26	
3.59E-09	-1.23E-24	9.46E-09	
2.17E-24			

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 SVB02 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	8.74E-31	
-33441.555	-4.07E-29	188215.852	
3.09E-29			
REACTNS	4.39E-10	2.69E-26	
33441.555	-1.23E-24	-188215.852	
2.17E-24			
TOTAL	4.39E-10	2.69E-26	
3.59E-09	-1.23E-24	9.46E-09	
2.17E-24			

COMB SVB03 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	855.034077	
-33441.555	-21098.981	188215.852	
4805.326			
REACTNS	4.39E-10	-855.034077	
33441.555	21098.981	-188215.852	
-4805.326			
TOTAL	4.39E-10	-2.58E-08	
3.59E-09	1.18E-06	9.46E-09	
-8.56E-08			

COMB SVB03 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	855.034077	
-33441.555	-21098.981	188215.852	
4805.326			
REACTNS	4.39E-10	-855.034077	
33441.555	21098.981	-188215.852	
-4805.326			
TOTAL	4.39E-10	-2.58E-08	
3.59E-09	1.18E-06	9.46E-09	
-8.56E-08			

COMB SVB04 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	427.517038	
-37134.105	-10549.490	208906.092	
2402.663			
REACTNS	4.45E-10	-427.517039	
37134.105	10549.490	-208906.092	
-2402.663			
TOTAL	4.45E-10	-1.29E-08	
4.15E-09	5.91E-07	8.06E-09	
-4.28E-08			

COMB SVB04 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	427.517038	
-37134.105	-10549.490	208906.092	
2402.663			
REACTNS	4.45E-10	-427.517039	
37134.105	10549.490	-208906.092	
-2402.663			
TOTAL	4.45E-10	-1.29E-08	
4.15E-09	5.91E-07	8.06E-09	
-4.28E-08			

COMB SVB05 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	427.517038	
-33441.555	-10549.490	188215.852	
2402.663			
REACTNS	4.39E-10	-427.517039	
33441.555	10549.490	-188215.852	
-2402.663			
TOTAL	4.39E-10	-1.29E-08	
3.59E-09	5.91E-07	9.46E-09	
-4.28E-08			

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 SVB05 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	427.517038	
-33441.555	-10549.490	188215.852	
2402.663			
REACTNS	4.39E-10	-427.517039	
33441.555	10549.490	-188215.852	
-2402.663			
TOTAL	4.39E-10	-1.29E-08	
3.59E-09	5.91E-07	9.46E-09	
-4.28E-08			

COMB SVB06 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	120.620200	
-37134.105	-5586.525	208906.092	
675.473120			
REACTNS	4.45E-10	-120.620200	
37134.105	5586.525	-208906.092	
-675.473120			
TOTAL	4.45E-10	-8.72E-09	
4.15E-09	3.99E-07	8.06E-09	
-2.89E-08			

COMB SVB06 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	120.620200	
-37134.105	-5586.525	208906.092	
675.473120			
REACTNS	4.45E-10	-120.620200	
37134.105	5586.525	-208906.092	
-675.473120			
TOTAL	4.45E-10	-8.72E-09	
4.15E-09	3.99E-07	8.06E-09	
-2.89E-08			

COMB SVB07 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	8.74E-31	
-37134.105	-4.07E-29	208906.092	
3.09E-29			
REACTNS	4.45E-10	3.00E-26	
37134.105	-1.37E-24	-208906.092	
2.50E-24			
TOTAL	4.45E-10	3.00E-26	
4.15E-09	-1.37E-24	8.06E-09	
2.50E-24			

COMB SVB07 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	8.74E-31	
-37134.105	-4.07E-29	208906.092	
3.09E-29			
REACTNS	4.45E-10	3.00E-26	
37134.105	-1.37E-24	-208906.092	
2.50E-24			
TOTAL	4.45E-10	3.00E-26	
4.15E-09	-1.37E-24	8.06E-09	
2.50E-24			

COMB SVB08 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	120.620200	
-33441.555	-5586.525	188215.852	
675.473120			
REACTNS	4.39E-10	-120.620200	
33441.555	5586.525	-188215.852	
-675.473120			
TOTAL	4.39E-10	-8.72E-09	
3.59E-09	3.99E-07	9.46E-09	
-2.89E-08			

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 SVB08 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	120.620200	
-33441.555	-5586.525	188215.852	
675.473120			
REACTNS	4.39E-10	-120.620200	
33441.555	5586.525	-188215.852	
-675.473120			
TOTAL	4.39E-10	-8.72E-09	
3.59E-09	3.99E-07	9.46E-09	
-2.89E-08			

COMB SVB09 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	8.74E-31	
-33441.555	-4.07E-29	188215.852	
3.09E-29			
REACTNS	4.39E-10	2.69E-26	
33441.555	-1.23E-24	-188215.852	
2.17E-24			
TOTAL	4.39E-10	2.69E-26	
3.59E-09	-1.23E-24	9.46E-09	
2.17E-24			

COMB SVB09 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	8.74E-31	
-33441.555	-4.07E-29	188215.852	
3.09E-29			
REACTNS	4.39E-10	2.69E-26	
33441.555	-1.23E-24	-188215.852	
2.17E-24			
TOTAL	4.39E-10	2.69E-26	
3.59E-09	-1.23E-24	9.46E-09	
2.17E-24			

COMB SVB10 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	975.654277	
-33441.555	-26685.505	188215.852	
5480.799			
REACTNS	4.39E-10	-975.654277	
33441.555	26685.505	-188215.852	
-5480.799			
TOTAL	4.39E-10	-3.46E-08	
3.59E-09	1.58E-06	9.46E-09	
-1.14E-07			

COMB SVB10 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	975.654277	
-33441.555	-26685.505	188215.852	
5480.799			
REACTNS	4.39E-10	-975.654277	
33441.555	26685.505	-188215.852	
-5480.799			
TOTAL	4.39E-10	-3.46E-08	
3.59E-09	1.58E-06	9.46E-09	
-1.14E-07			

COMB SVB11 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	855.034077	
-33441.555	-21098.981	188215.852	
4805.326			
REACTNS	4.39E-10	-855.034077	
33441.555	21098.981	-188215.852	
-4805.326			
TOTAL	4.39E-10	-2.58E-08	
3.59E-09	1.18E-06	9.46E-09	
-8.56E-08			

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 SVB11 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	855.034077	
-33441.555	-21098.981	188215.852	
4805.326			
REACTNS	4.39E-10	-855.034077	
33441.555	21098.981	-188215.852	
-4805.326			
TOTAL	4.39E-10	-2.58E-08	
3.59E-09	1.18E-06	9.46E-09	
-8.56E-08			

COMB SVB12 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	548.137238	
-37134.105	-16136.015	208906.092	
3078.136			
REACTNS	4.45E-10	-548.137239	
37134.105	16136.015	-208906.092	
-3078.136			
TOTAL	4.45E-10	-2.16E-08	
4.15E-09	9.90E-07	8.06E-09	
-7.17E-08			

COMB SVB12 ----------
MIN

FZ	MX	FY MY	MZ
APPLIED	.000000	548.137238	
-37134.105	-16136.015	208906.092	
3078.136			
REACTNS	4.45E-10	-548.137239	
37134.105	16136.015	-208906.092	
-3078.136			
TOTAL	4.45E-10	-2.16E-08	
4.15E-09	9.90E-07	8.06E-09	
-7.17E-08			

COMB SVB13 ----------
MAX

FZ	MX	FY MY	MZ
APPLIED	.000000	427.517038	
-37134.105	-10549.490	208906.092	
2402.663			
REACTNS	4.45E-10	-427.517039	
37134.105	10549.490	-208906.092	
-2402.663			
TOTAL	4.45E-10	-1.29E-08	
4.15E-09	5.91E-07	8.06E-09	
-4.28E-08			

COMB SVB13 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		427.517038
-37134.105	-10549.490		208906.092
2402.663			
REACTNS	4.45E-10		-427.517039
37134.105	10549.490		-208906.092
-2402.663			
TOTAL	4.45E-10		-1.29E-08
4.15E-09	5.91E-07		8.06E-09
-4.28E-08			

COMB SVB14 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		548.137238
-33441.555	-16136.015		188215.852
3078.136			
REACTNS	4.39E-10		-548.137239
33441.555	16136.015		-188215.852
-3078.136			
TOTAL	4.39E-10		-2.16E-08
3.59E-09	9.90E-07		9.46E-09
-7.17E-08			

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 SVB14 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		548.137238
-33441.555	-16136.015		188215.852
3078.136			
REACTNS	4.39E-10		-548.137239
33441.555	16136.015		-188215.852
-3078.136			
TOTAL	4.39E-10		-2.16E-08
3.59E-09	9.90E-07		9.46E-09
-7.17E-08			

COMB SVB15 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		427.517038
-33441.555	-10549.490		188215.852
2402.663			
REACTNS	4.39E-10		-427.517039
33441.555	10549.490		-188215.852
-2402.663			
TOTAL	4.39E-10		-1.29E-08
3.59E-09	5.91E-07		9.46E-09
-4.28E-08			

COMB SVB15 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		427.517038
-33441.555	-10549.490		188215.852
2402.663			
REACTNS	4.39E-10		-427.517039
33441.555	10549.490		-188215.852
-2402.663			
TOTAL	4.39E-10		-1.29E-08
3.59E-09	5.91E-07		9.46E-09
-4.28E-08			

COMB ULB01 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-51413.005	-5.29E-29		289164.624
4.01E-29			
REACTNS	5.83E-10		4.17E-26
51413.005	-1.91E-24		-289164.624
3.54E-24			
TOTAL	5.83E-10		4.17E-26
5.86E-09	-1.91E-24		9.29E-09
3.54E-24			

COMB ULB01 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-51413.005	-5.29E-29		289164.624
4.01E-29			
REACTNS	5.83E-10		4.17E-26
51413.005	-1.91E-24		-289164.624
3.54E-24			
TOTAL	5.83E-10		4.17E-26
5.86E-09	-1.91E-24		9.29E-09
3.54E-24			

COMB ULB02 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-43474.022	-5.29E-29		244680.608
4.01E-29			
REACTNS	5.71E-10		3.50E-26
43474.022	-1.60E-24		-244680.608
2.83E-24			
TOTAL	5.71E-10		3.50E-26
4.67E-09	-1.60E-24		1.23E-08
2.83E-24			

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 ULB02 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-43474.022	-5.29E-29		244680.608
4.01E-29			
REACTNS	5.71E-10		3.50E-26
43474.022	-1.60E-24		-244680.608
2.83E-24			
TOTAL	5.71E-10		3.50E-26
4.67E-09	-1.60E-24		1.23E-08
2.83E-24			

COMB ULB03 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		1111.544
-43474.022	-27428.675		244680.608
6246.924			
REACTNS	5.71E-10		-1111.544
43474.022	27428.675		-244680.608
-6246.924			
TOTAL	5.71E-10		-3.36E-08
4.67E-09	1.54E-06		1.23E-08
-1.11E-07			

COMB ULB03 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		1111.544
-43474.022	-27428.675		244680.608
6246.924			
REACTNS	5.71E-10		-1111.544
43474.022	27428.675		-244680.608
-6246.924			
TOTAL	5.71E-10		-3.36E-08
4.67E-09	1.54E-06		1.23E-08
-1.11E-07			

COMB ULB04 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		555.772150
-48274.337	-13714.338		271577.920
3123.462			
REACTNS	5.78E-10		-555.772150
48274.337	13714.338		-271577.920
-3123.462			
TOTAL	5.78E-10		-1.68E-08
5.39E-09	7.68E-07		1.05E-08
-5.56E-08			

COMB ULB04 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		555.772150
-48274.337	-13714.338		271577.920
3123.462			
REACTNS	5.78E-10		-555.772150
48274.337	13714.338		-271577.920
-3123.462			
TOTAL	5.78E-10		-1.68E-08
5.39E-09	7.68E-07		1.05E-08
-5.56E-08			

COMB ULB05 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		555.772150
-43474.022	-13714.338		244680.608
3123.462			
REACTNS	5.71E-10		-555.772150
43474.022	13714.338		-244680.608
-3123.462			
TOTAL	5.71E-10		-1.68E-08
4.67E-09	7.68E-07		1.23E-08
-5.56E-08			

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 ULB05 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		555.772150
-43474.022	-13714.338		244680.608
3123.462			
REACTNS	5.71E-10		-555.772150
43474.022	13714.338		-244680.608
-3123.462			
TOTAL	5.71E-10		-1.68E-08
4.67E-09	7.68E-07		1.23E-08
-5.56E-08			

COMB ULB06 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		156.806260
-48274.337	-7262.482		271577.920
878.115056			
REACTNS	5.78E-10		-156.806260
48274.337	7262.482		-271577.920
-878.115056			
TOTAL	5.78E-10		-1.13E-08
5.39E-09	5.18E-07		1.05E-08
-3.75E-08			

COMB ULB06 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		156.806260
-48274.337	-7262.482		271577.920
878.115056			
REACTNS	5.78E-10		-156.806260
48274.337	7262.482		-271577.920
-878.115056			
TOTAL	5.78E-10		-1.13E-08
5.39E-09	5.18E-07		1.05E-08
-3.75E-08			

COMB ULB07 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-48274.337	-5.29E-29		271577.920
4.01E-29			
REACTNS	5.78E-10		3.91E-26
48274.337	-1.79E-24		-271577.920
3.26E-24			
TOTAL	5.78E-10		3.91E-26
5.39E-09	-1.79E-24		1.05E-08
3.26E-24			

COMB ULB07 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-48274.337	-5.29E-29		271577.920
4.01E-29			
REACTNS	5.78E-10		3.91E-26
48274.337	-1.79E-24		-271577.920
3.26E-24			
TOTAL	5.78E-10		3.91E-26
5.39E-09	-1.79E-24		1.05E-08
3.26E-24			

COMB ULB08 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		156.806260
-43474.022	-7262.482		244680.608
878.115056			
REACTNS	5.71E-10		-156.806260
43474.022	7262.482		-244680.608
-878.115056			
TOTAL	5.71E-10		-1.13E-08
4.67E-09	5.18E-07		1.23E-08
-3.75E-08			

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 ULB08 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		156.806260
-43474.022	-7262.482		244680.608
878.115056			
REACTNS	5.71E-10		-156.806260
43474.022	7262.482		-244680.608
-878.115056			
TOTAL	5.71E-10		-1.13E-08
4.67E-09	5.18E-07		1.23E-08
-3.75E-08			

COMB ULB09 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-43474.022	-5.29E-29		244680.608
4.01E-29			
REACTNS	5.71E-10		3.50E-26
43474.022	-1.60E-24		-244680.608
2.83E-24			
TOTAL	5.71E-10		3.50E-26
4.67E-09	-1.60E-24		1.23E-08
2.83E-24			

COMB ULB09 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000		1.14E-30
-43474.022	-5.29E-29		244680.608
4.01E-29			
REACTNS	5.71E-10		3.50E-26
43474.022	-1.60E-24		-244680.608
2.83E-24			
TOTAL	5.71E-10		3.50E-26
4.67E-09	-1.60E-24		1.23E-08
2.83E-24			

COMB ULB10 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000		1219.568
-41801.944	-33356.882		235269.815
6850.999			
REACTNS	5.49E-10		-1219.568
41801.944	33356.882		-235269.815
-6850.999			

TOTAL 5.49E-10 -4.32E-08 4.49E-09 1.98E-06 1.18E-08 -1.43E-07

COMB ULB10 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1219.568
-41801.944	-33356.882		235269.815
6850.999			
REACTNS	5.49E-10		-1219.568
41801.944	33356.882		-235269.815
-6850.999			

TOTAL 5.49E-10 -4.32E-08 4.49E-09 1.98E-06 1.18E-08 -1.43E-07

COMB ULB11 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1068.793
-41801.944	-26373.726		235269.815
6006.657			
REACTNS	5.49E-10		-1068.793
41801.944	26373.726		-235269.815
-6006.657			

TOTAL 5.49E-10 -3.23E-08 4.49E-09 1.48E-06 1.18E-08 -1.07E-07

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 ULB11 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1068.793
-41801.944	-26373.726		235269.815
6006.657			
REACTNS	5.49E-10		-1068.793
41801.944	26373.726		-235269.815
-6006.657			

TOTAL 5.49E-10 -3.23E-08 4.49E-09 1.48E-06 1.18E-08 -1.07E-07

COMB ULB12 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		685.171548
-46417.632	-20170.019		261132.615
3847.670			
REACTNS	5.56E-10		-685.171548
46417.632	20170.019		-261132.615
-3847.670			

TOTAL 5.56E-10 -2.71E-08 5.18E-09 1.24E-06 1.01E-08 -8.96E-08

COMB ULB12 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		685.171548
-46417.632	-20170.019		261132.615
3847.670			
REACTNS	5.56E-10		-685.171548
46417.632	20170.019		-261132.615
-3847.670			

TOTAL 5.56E-10 -2.71E-08 5.18E-09 1.24E-06 1.01E-08 -8.96E-08

COMB ULB13 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		534.396298
-46417.632	-13186.863		261132.615
3003.329			
REACTNS	5.56E-10		-534.396298
46417.632	13186.863		-261132.615
-3003.329			

TOTAL 5.56E-10 -1.62E-08 5.18E-09 7.39E-07 1.01E-08 -5.35E-08

COMB ULB13 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		534.396298
-46417.632	-13186.863		261132.615
3003.329			
REACTNS	5.56E-10		-534.396298
46417.632	13186.863		-261132.615
-3003.329			

TOTAL 5.56E-10 -1.62E-08 5.18E-09 7.39E-07 1.01E-08 -5.35E-08

COMB ULB14 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		685.171548
-41801.944	-20170.019		235269.815
3847.670			
REACTNS	5.49E-10		-685.171548
41801.944	20170.019		-235269.815
-3847.670			

TOTAL 5.49E-10 -2.71E-08 4.49E-09 1.24E-06 1.18E-08 -8.96E-08

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 ULB14 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		685.171548
-41801.944	-20170.019		235269.815
3847.670			
REACTNS	5.49E-10		-685.171548
41801.944	20170.019		-235269.815
-3847.670			

TOTAL 5.49E-10 -2.71E-08 4.49E-09 1.24E-06 1.18E-08 -8.96E-08

COMB ULB15 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		534.396298
-41801.944	-13186.863		235269.815
3003.329			
REACTNS	5.49E-10		-534.396298
41801.944	13186.863		-235269.815
-3003.329			

TOTAL 5.49E-10 -1.62E-08 4.49E-09 7.39E-07 1.18E-08 -5.35E-08

COMB ULB15 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		534.396298
-41801.944	-13186.863		235269.815
3003.329			
REACTNS	5.49E-10		-534.396298
41801.944	13186.863		-235269.815
-3003.329			

TOTAL 5.49E-10 -1.62E-08 4.49E-09 7.39E-07 1.18E-08 -5.35E-08

COMB ULB16 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		8.74E-31
-33441.555	-4.07E-29		188215.852
3.09E-29			
REACTNS	4.39E-10		2.69E-26
33441.555	-1.23E-24		-188215.852
2.17E-24			

TOTAL 4.39E-10 2.69E-26 3.59E-09 -1.23E-24 9.46E-09 2.17E-24

COMB ULB16 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		8.74E-31
-33441.555	-4.07E-29		188215.852
3.09E-29			
REACTNS	4.39E-10		2.69E-26
33441.555	-1.23E-24		-188215.852
2.17E-24			

TOTAL 4.39E-10 2.69E-26 3.59E-09 -1.23E-24 9.46E-09 2.17E-24

COMB ULB17 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1.14E-30
-48274.337	-5.29E-29		271577.920
4.01E-29			
REACTNS	5.78E-10		3.91E-26
48274.337	-1.79E-24		-271577.920
3.26E-24			

TOTAL 5.78E-10 3.91E-26 5.39E-09 -1.79E-24 1.05E-08 3.26E-24

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 ULB17 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1.14E-30
-48274.337	-5.29E-29		271577.920
4.01E-29			
REACTNS	5.78E-10		3.91E-26
48274.337	-1.79E-24		-271577.920
3.26E-24			

TOTAL 5.78E-10 3.91E-26 5.39E-09 -1.79E-24 1.05E-08 3.26E-24

COMB ULB18 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1026.041
-40129.867	-25318.777		225859.023
5766.391			
REACTNS	5.27E-10		-1026.041
40129.867	25318.777		-225859.023
-5766.391			

TOTAL 5.27E-10 -3.10E-08 4.31E-09 1.42E-06 1.14E-08 -1.03E-07

COMB ULB18 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1026.041
-40129.867	-25318.777		225859.023
5766.391			
REACTNS	5.27E-10		-1026.041
40129.867	25318.777		-225859.023
-5766.391			

TOTAL 5.27E-10 -3.10E-08 4.31E-09 1.42E-06 1.14E-08 -1.03E-07

COMB UEB01 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		8.74E-31
-41380.538	-4.07E-29		232699.868
3.09E-29			
REACTNS	4.51E-10		3.36E-26
41380.538	-1.54E-24		-232699.868
2.88E-24			

TOTAL 4.51E-10 3.37E-26 4.78E-09 -1.54E-24 6.45E-09 2.88E-24

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 UEB02 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		8.74E-31
-33441.555	-4.07E-29		188215.852
3.09E-29			
REACTNS	4.39E-10		2.69E-26
33441.555	-1.23E-24		-188215.852
2.17E-24			

TOTAL 4.39E-10 2.69E-26 3.59E-09 -1.23E-24 9.46E-09 2.17E-24

COMB UEB03 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1111.544
-33441.555	-27428.675		188215.852
6246.924			
REACTNS	4.39E-10		-1111.544
33441.555	27428.675		-188215.852
-6246.924			

TOTAL 4.39E-10 -3.36E-08 3.59E-09 1.54E-06 9.46E-09 -1.11E-07

COMB UEB03 ----------
MIN

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		1111.544
-33441.555	-27428.675		188215.852
6246.924			
REACTNS	4.39E-10		-1111.544
33441.555	27428.675		-188215.852
-6246.924			

TOTAL 4.39E-10 -3.36E-08 3.59E-09 1.54E-06 9.46E-09 -1.11E-07

COMB UEB04 ----------
MAX

	FX	MY	MZ
FZ	MX		
APPLIED	.000000		555.772150
-38241.870	-13714.338		215113.164
3123.462			

REACTNS 4.47E-10 -555.772150
38241.870 13714.338 -215113.164
-3123.462

TOTAL 4.47E-10 -1.68E-08
4.31E-09 7.68E-07 7.64E-09
-5.56E-08

COMB UEB04 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 555.772150
-38241.870 -13714.338 215113.164
3123.462
REACTNS 4.47E-10 -555.772150
38241.870 13714.338 -215113.164
-3123.462

TOTAL 4.47E-10 -1.68E-08
4.31E-09 7.68E-07 7.64E-09
-5.56E-08

COMB UEB05 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 555.772150
-33441.555 -13714.338 188215.852
3123.462
REACTNS 4.39E-10 -555.772150
33441.555 13714.338 -188215.852
-3123.462

TOTAL 4.39E-10 -1.68E-08
3.59E-09 7.68E-07 9.46E-09
-5.56E-08
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 126

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 UEB05 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 555.772150
-33441.555 -13714.338 188215.852
3123.462
REACTNS 4.39E-10 -555.772150
33441.555 13714.338 -188215.852
-3123.462

TOTAL 4.39E-10 -1.68E-08
3.59E-09 7.68E-07 9.46E-09
-5.56E-08

COMB UEB06 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 156.806260
-38241.870 -7262.482 215113.164
878.115056
REACTNS 4.47E-10 -156.806260
38241.870 7262.482 -215113.164
-878.115056

TOTAL 4.47E-10 -1.13E-08
4.31E-09 5.18E-07 7.64E-09
-3.75E-08

COMB UEB06 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 156.806260
-38241.870 -7262.482 215113.164
878.115056
REACTNS 4.47E-10 -156.806260
38241.870 7262.482 -215113.164
-878.115056

TOTAL 4.47E-10 -1.13E-08
4.31E-09 5.18E-07 7.64E-09
-3.75E-08

COMB UEB07 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 4.47E-10 3.10E-26
38241.870 -1.42E-24 -215113.164
2.60E-24

TOTAL 4.47E-10 3.10E-26
4.31E-09 -1.42E-24 7.64E-09
2.60E-24

COMB UEB07 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 4.47E-10 3.10E-26
38241.870 -1.42E-24 -215113.164
2.60E-24

TOTAL 4.47E-10 3.10E-26
4.31E-09 -1.42E-24 7.64E-09
2.60E-24

COMB UEB08 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 156.806260
-33441.555 -7262.482 188215.852
878.115056
REACTNS 4.39E-10 -156.806260
33441.555 7262.482 -188215.852
-878.115056

TOTAL 4.39E-10 -1.13E-08
3.59E-09 5.18E-07 9.46E-09
-3.75E-08
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 127

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 UEB08 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 156.806260
-33441.555 -7262.482 188215.852
878.115056
REACTNS 4.39E-10 -156.806260
33441.555 7262.482 -188215.852
-878.115056

TOTAL 4.39E-10 -1.13E-08
3.59E-09 5.18E-07 9.46E-09
-3.75E-08

COMB UEB09 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB UEB09 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB UEB10 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 1219.568
-31769.478 -33356.882 178805.060
6850.999
REACTNS 4.17E-10 -1219.568
31769.478 33356.882 -178805.060
-6850.999

TOTAL 4.17E-10 -4.32E-08
3.41E-09 1.98E-06 8.99E-09
-1.43E-07

COMB UEB10 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 1219.568
-31769.478 -33356.882 178805.060
6850.999
REACTNS 4.17E-10 -1219.568
31769.478 33356.882 -178805.060
-6850.999

TOTAL 4.17E-10 -4.32E-08
3.41E-09 1.98E-06 8.99E-09
-1.43E-07

COMB UEB11 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 1068.793
-31769.478 -26373.726 178805.060
6006.657
REACTNS 4.17E-10 -1068.793
31769.478 26373.726 -178805.060
-6006.657

TOTAL 4.17E-10 -3.23E-08
3.41E-09 1.48E-06 8.99E-09
-1.07E-07
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 128

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 UEB11 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 1068.793
-31769.478 -26373.726 178805.060
6006.657
REACTNS 4.17E-10 -1068.793
31769.478 26373.726 -178805.060
-6006.657

TOTAL 4.17E-10 -3.23E-08
3.41E-09 1.48E-06 8.99E-09
-1.07E-07

COMB UEB12 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 685.171548
-36385.165 -20170.019 204667.860
3847.670
REACTNS 4.24E-10 -685.171548
36385.165 20170.019 -204667.860
-3847.670

TOTAL 4.24E-10 -2.71E-08
4.11E-09 1.24E-06 7.24E-09
-8.96E-08

COMB UEB12 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 685.171548
-36385.165 -20170.019 204667.860
3847.670
REACTNS 4.24E-10 -685.171548
36385.165 20170.019 -204667.860
-3847.670

TOTAL 4.24E-10 -2.71E-08
4.11E-09 1.24E-06 7.24E-09
-8.96E-08

COMB UEB13 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 534.396298
-36385.165 -13186.863 204667.860
3003.329
REACTNS 4.24E-10 -534.396298
36385.165 13186.863 -204667.860
-3003.329

TOTAL 4.24E-10 -1.62E-08
4.11E-09 7.39E-07 7.24E-09
-5.35E-08

COMB UEB13 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 534.396298
-36385.165 -13186.863 204667.860
3003.329
REACTNS 4.24E-10 -534.396298
36385.165 13186.863 -204667.860
-3003.329

TOTAL 4.24E-10 -1.62E-08
4.11E-09 7.39E-07 7.24E-09
-5.35E-08

COMB UEB14 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 685.171548
-31769.478 -20170.019 178805.060
3847.670
REACTNS 4.17E-10 -685.171548
31769.478 20170.019 -178805.060
-3847.670

TOTAL 4.17E-10 -2.71E-08
3.41E-09 1.24E-06 8.99E-09
-8.96E-08
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 129

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 UEB14 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 685.171548
-31769.478 -20170.019 178805.060
3847.670
REACTNS 4.17E-10 -685.171548
31769.478 20170.019 -178805.060
-3847.670

TOTAL 4.17E-10 -2.71E-08
3.41E-09 1.24E-06 8.99E-09
-8.96E-08

COMB UEB15 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 534.396298
-31769.478 -13186.863 178805.060
3003.329
REACTNS 4.17E-10 -534.396298
31769.478 13186.863 -178805.060
-3003.329

TOTAL 4.17E-10 -1.62E-08
3.41E-09 7.39E-07 8.99E-09
-5.35E-08

COMB UEB15 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 534.396298
-31769.478 -13186.863 178805.060
3003.329
REACTNS 4.17E-10 -534.396298
31769.478 13186.863 -178805.060
-3003.329

TOTAL 4.17E-10 -1.62E-08
3.41E-09 7.39E-07 8.99E-09
-5.35E-08

COMB UEB16 ----------
MAX

FX FY

FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB UEB16 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB UEB17 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 4.47E-10 3.10E-26
38241.870 -1.42E-24 -215113.164
2.60E-24

TOTAL 4.47E-10 3.10E-26
4.31E-09 -1.42E-24 7.64E-09
2.60E-24
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 130

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 UEB17 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 4.47E-10 3.10E-26
38241.870 -1.42E-24 -215113.164
2.60E-24

TOTAL 4.47E-10 3.10E-26
4.31E-09 -1.42E-24 7.64E-09
2.60E-24

COMB UEB18 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 1026.041
-30097.400 -25318.777 169394.267
5766.391
REACTNS 3.95E-10 -1026.041
30097.400 25318.777 -169394.267
-5766.391

TOTAL 3.95E-10 -3.10E-08
3.23E-09 1.42E-06 8.51E-09
-1.03E-07

COMB UEB18 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 1026.041
-30097.400 -25318.777 169394.267
5766.391
REACTNS 3.95E-10 -1026.041
30097.400 25318.777 -169394.267
-5766.391

TOTAL 3.95E-10 -3.10E-08
3.23E-09 1.42E-06 8.51E-09
-1.03E-07

COMB SVO01 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-37134.105 -4.07E-29 208906.092
3.09E-29
REACTNS 4.45E-10 3.00E-26
37134.105 -1.37E-24 -208906.092
2.50E-24

TOTAL 4.45E-10 3.00E-26
4.15E-09 -1.37E-24 8.06E-09
2.50E-24

COMB SVO01 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-37134.105 -4.07E-29 208906.092
3.09E-29
REACTNS 4.45E-10 3.00E-26
37134.105 -1.37E-24 -208906.092
2.50E-24

TOTAL 4.45E-10 3.00E-26
4.15E-09 -1.37E-24 8.06E-09
2.50E-24

COMB SVO02 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 131

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 SVO02 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB SVO03 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 1200.724 8.74E-31
-33441.555 -4.07E-29 234318.294
3.09E-29
REACTNS -1200.724 1.27E-25
33441.555 -5.78E-24 -234318.294
2.74E-24

TOTAL 6.09E-08 1.27E-25
3.08E-09 -5.78E-24 2.77E-06
2.74E-24

COMB SVO03 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 1200.724 8.74E-31
-33441.555 -4.07E-29 234318.294
3.09E-29
REACTNS -1200.724 1.27E-25
33441.555 -5.78E-24 -234318.294
2.74E-24

TOTAL 6.09E-08 1.27E-25
3.08E-09 -5.78E-24 2.77E-06
2.74E-24

COMB SVO04 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 682.983687 8.74E-31
-37134.105 -4.07E-29 236157.517
3.09E-29
REACTNS -682.983687 9.02E-26
37134.105 -4.12E-24 -236157.517
2.85E-24

TOTAL 3.60E-08 9.02E-26
3.84E-09 -4.12E-24 1.63E-06
2.85E-24

COMB SVO04 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 682.983687 8.74E-31
-37134.105 -4.07E-29 236157.517
3.09E-29
REACTNS -682.983687 9.02E-26
37134.105 -4.12E-24 -236157.517
2.85E-24

TOTAL 3.60E-08 9.02E-26
3.84E-09 -4.12E-24 1.63E-06
2.85E-24

COMB SVO05 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 682.983687 8.74E-31
-33441.555 -4.07E-29 215467.277
3.09E-29
REACTNS -682.983687 8.70E-26
33441.555 -3.98E-24 -215467.277
2.52E-24

TOTAL 3.60E-08 8.70E-26
3.29E-09 -3.98E-24 1.63E-06
2.52E-24
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 132

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 SVO05 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 682.983687 8.74E-31
-33441.555 -4.07E-29 215467.277
3.09E-29
REACTNS -682.983687 8.70E-26
33441.555 -3.98E-24 -215467.277
2.52E-24

TOTAL 3.60E-08 8.70E-26
3.29E-09 -3.98E-24 1.63E-06
2.52E-24

COMB SVO06 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-37134.105 -4.07E-29 208906.092
3.09E-29
REACTNS 2.79E-09 2.89E-26
37134.105 -1.32E-24 -208906.092
2.50E-24

TOTAL 2.79E-09 2.89E-26
4.14E-09 -1.32E-24 1.15E-07
2.50E-24

COMB SVO06 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-37134.105 -4.07E-29 208906.092
3.09E-29
REACTNS 2.79E-09 2.89E-26
37134.105 -1.32E-24 -208906.092
2.50E-24

TOTAL 2.79E-09 2.89E-26
4.14E-09 -1.32E-24 1.15E-07
2.50E-24

COMB SVO07 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-37134.105 -4.07E-29 208906.092
3.09E-29
REACTNS 4.45E-10 3.00E-26
37134.105 -1.37E-24 -208906.092
2.50E-24

TOTAL 4.45E-10 3.00E-26
4.15E-09 -1.37E-24 8.06E-09
2.50E-24

COMB SVO07 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-37134.105 -4.07E-29 208906.092
3.09E-29
REACTNS 4.45E-10 3.00E-26
37134.105 -1.37E-24 -208906.092
2.50E-24

TOTAL 4.45E-10 3.00E-26
4.15E-09 -1.37E-24 8.06E-09
2.50E-24

COMB SVO08 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 2.79E-09 2.58E-26
33441.555 -1.18E-24 -188215.852
2.17E-24

TOTAL 2.79E-09 2.58E-26
3.59E-09 -1.18E-24 1.17E-07
2.17E-24
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 133

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 SVO08 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 2.79E-09 2.58E-26
33441.555 -1.18E-24 -188215.852
2.17E-24

TOTAL 2.79E-09 2.58E-26
3.59E-09 -1.18E-24 1.17E-07
2.17E-24

COMB SVO09 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB SVO09 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB SVO10 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	1200.724	8.74E-31	
-33441.555	-4.07E-29	234318.294	
3.09E-29			
REACTNS	-1200.724	1.25E-25	
33441.555	-5.73E-24	-234318.294	
2.74E-24			
TOTAL	6.32E-08	1.25E-25	
3.08E-09	-5.73E-24	2.88E-06	
2.74E-24			

COMB SVO10 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	1200.724	8.74E-31	
-33441.555	-4.07E-29	234318.294	
3.09E-29			
REACTNS	-1200.724	1.25E-25	
33441.555	-5.73E-24	-234318.294	
2.74E-24			
TOTAL	6.32E-08	1.25E-25	
3.08E-09	-5.73E-24	2.88E-06	
2.74E-24			

COMB SVO11 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	1200.724	8.74E-31	
-33441.555	-4.07E-29	234318.294	
3.09E-29			
REACTNS	-1200.724	1.27E-25	
33441.555	-5.78E-24	-234318.294	
2.74E-24			
TOTAL	6.09E-08	1.27E-25	
3.08E-09	-5.78E-24	2.77E-06	
2.74E-24			

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 SVO11 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	1200.724	8.74E-31	
-33441.555	-4.07E-29	234318.294	
3.09E-29			
REACTNS	-1200.724	1.27E-25	
33441.555	-5.78E-24	-234318.294	
2.74E-24			
TOTAL	6.09E-08	1.27E-25	
3.08E-09	-5.78E-24	2.77E-06	
2.74E-24			

COMB SVO12 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-37134.105	-4.07E-29	236157.517	
3.09E-29			
REACTNS	-682.983687	8.91E-26	
37134.105	-4.07E-24	-236157.517	
2.84E-24			
TOTAL	3.83E-08	8.91E-26	
3.84E-09	-4.07E-24	1.74E-06	
2.84E-24			

COMB SVO12 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-37134.105	-4.07E-29	236157.517	
3.09E-29			
REACTNS	-682.983687	8.91E-26	
37134.105	-4.07E-24	-236157.517	
2.84E-24			
TOTAL	3.83E-08	8.91E-26	
3.84E-09	-4.07E-24	1.74E-06	
2.84E-24			

COMB SVO13 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-37134.105	-4.07E-29	236157.517	
3.09E-29			
REACTNS	-682.983687	9.02E-26	
37134.105	-4.12E-24	-236157.517	
2.85E-24			
TOTAL	3.60E-08	9.02E-26	
3.84E-09	-4.12E-24	1.63E-06	
2.85E-24			

COMB SVO13 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-37134.105	-4.07E-29	236157.517	
3.09E-29			
REACTNS	-682.983687	9.02E-26	
37134.105	-4.12E-24	-236157.517	
2.85E-24			
TOTAL	3.60E-08	9.02E-26	
3.84E-09	-4.12E-24	1.63E-06	
2.85E-24			

COMB SVO14 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-33441.555	-4.07E-29	215467.277	
3.09E-29			
REACTNS	-682.983687	8.59E-26	
33441.555	-3.93E-24	-215467.277	
2.51E-24			
TOTAL	3.83E-08	8.59E-26	
3.28E-09	-3.93E-24	1.74E-06	
2.51E-24			

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 SVO14 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-33441.555	-4.07E-29	215467.277	
3.09E-29			
REACTNS	-682.983687	8.59E-26	
33441.555	-3.93E-24	-215467.277	
2.51E-24			
TOTAL	3.83E-08	8.59E-26	
3.28E-09	-3.93E-24	1.74E-06	
2.51E-24			

COMB SVO15 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-33441.555	-4.07E-29	215467.277	
3.09E-29			
REACTNS	-682.983687	8.70E-26	
33441.555	-3.98E-24	-215467.277	
2.52E-24			
TOTAL	3.60E-08	8.70E-26	
3.29E-09	-3.98E-24	1.63E-06	
2.52E-24			

COMB SVO15 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	682.983687	8.74E-31	
-33441.555	-4.07E-29	215467.277	
3.09E-29			
REACTNS	-682.983687	8.70E-26	
33441.555	-3.98E-24	-215467.277	
2.52E-24			
TOTAL	3.60E-08	8.70E-26	
3.29E-09	-3.98E-24	1.63E-06	
2.52E-24			

COMB ULO01 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000	1.14E-30	
-51413.005	-5.29E-29	289164.624	
4.01E-29			
REACTNS	5.83E-10	4.17E-26	
51413.005	-1.91E-24	-289164.624	
3.54E-24			
TOTAL	5.83E-10	4.17E-26	
5.86E-09	-1.91E-24	9.29E-09	
3.54E-24			

COMB ULO01 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000	1.14E-30	
-51413.005	-5.29E-29	289164.624	
4.01E-29			
REACTNS	5.83E-10	4.17E-26	
51413.005	-1.91E-24	-289164.624	
3.54E-24			
TOTAL	5.83E-10	4.17E-26	
5.86E-09	-1.91E-24	9.29E-09	
3.54E-24			

COMB ULO02 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000	1.14E-30	
-43474.022	-5.29E-29	244680.608	
4.01E-29			
REACTNS	5.71E-10	3.50E-26	
43474.022	-1.60E-24	-244680.608	
2.83E-24			
TOTAL	5.71E-10	3.50E-26	
4.67E-09	-1.60E-24	1.23E-08	
2.83E-24			

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 ULO02 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000	1.14E-30	
-43474.022	-5.29E-29	244680.608	
4.01E-29			
REACTNS	5.71E-10	3.50E-26	
43474.022	-1.60E-24	-244680.608	
2.83E-24			
TOTAL	5.71E-10	3.50E-26	
4.67E-09	-1.60E-24	1.23E-08	
2.83E-24			

COMB ULO03 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	1560.941	1.14E-30	
-43474.022	-5.29E-29	304613.783	
4.01E-29			
REACTNS	-1560.941	1.64E-25	
43474.022	-7.52E-24	-304613.783	
3.56E-24			
TOTAL	7.91E-08	1.64E-25	
4.01E-09	-7.52E-24	3.60E-06	
3.56E-24			

COMB ULO03 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	1560.941	1.14E-30	
-43474.022	-5.29E-29	304613.783	
4.01E-29			
REACTNS	-1560.941	1.64E-25	
43474.022	-7.52E-24	-304613.783	
3.56E-24			
TOTAL	7.91E-08	1.64E-25	
4.01E-09	-7.52E-24	3.60E-06	
3.56E-24			

COMB ULO04 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	887.878793	1.14E-30	
-48274.337	-5.29E-29	307004.772	
4.01E-29			
REACTNS	-887.878793	1.17E-25	
48274.337	-5.36E-24	-307004.772	
3.70E-24			
TOTAL	4.68E-08	1.17E-25	
4.99E-09	-5.36E-24	2.12E-06	
3.70E-24			

COMB ULO04 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	887.878793	1.14E-30	
-48274.337	-5.29E-29	307004.772	
4.01E-29			
REACTNS	-887.878793	1.17E-25	
48274.337	-5.36E-24	-307004.772	
3.70E-24			
TOTAL	4.68E-08	1.17E-25	
4.99E-09	-5.36E-24	2.12E-06	
3.70E-24			

COMB ULO05 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	887.878793	1.14E-30	
-43474.022	-5.29E-29	280107.460	
4.01E-29			
REACTNS	-887.878793	1.13E-25	
43474.022	-5.17E-24	-280107.460	
3.27E-24			
TOTAL	4.68E-08	1.13E-25	
4.27E-09	-5.17E-24	2.12E-06	
3.27E-24			

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 ULO05 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	887.878793	1.14E-30	
-43474.022	-5.29E-29	280107.460	
4.01E-29			
REACTNS	-887.878793	1.13E-25	
43474.022	-5.17E-24	-280107.460	
3.27E-24			
TOTAL	4.68E-08	1.13E-25	
4.27E-09	-5.17E-24	2.12E-06	
3.27E-24			

COMB ULO06 ----------
MAX

	FX	MY	MZ
FZ			
APPLIED	.000000	1.14E-30	
-48274.337	-5.29E-29	271577.920	
4.01E-29			
REACTNS	3.63E-09	3.76E-26	
48274.337	-1.72E-24	-271577.920	
3.25E-24			
TOTAL	3.63E-09	3.76E-26	
5.39E-09	-1.72E-24	1.50E-07	
3.25E-24			

COMB ULO06 ----------
MIN

	FX	MY	MZ
FZ			
APPLIED	.000000	1.14E-30	
-48274.337	-5.29E-29	271577.920	
4.01E-29			
REACTNS	3.63E-09	3.76E-26	
48274.337	-1.72E-24	-271577.920	
3.25E-24			

TOTAL 3.63E-09 3.76E-26
5.39E-09 -1.72E-24 1.50E-07
3.25E-24

COMB ULO07 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-48274.337 -5.29E-29 271577.920
4.01E-29
REACTNS 5.78E-10 3.91E-26
48274.337 -1.79E-24 -271577.920
3.26E-24

TOTAL 5.78E-10 3.91E-26
5.39E-09 -1.79E-24 1.05E-08
3.26E-24

COMB ULO07 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-48274.337 -5.29E-29 271577.920
4.01E-29
REACTNS 5.78E-10 3.91E-26
48274.337 -1.79E-24 -271577.920
3.26E-24

TOTAL 5.78E-10 3.91E-26
5.39E-09 -1.79E-24 1.05E-08
3.26E-24

COMB ULO08 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-43474.022 -5.29E-29 244680.608
4.01E-29
REACTNS 3.62E-09 3.35E-26
43474.022 -1.53E-24 -244680.608
2.82E-24

TOTAL 3.62E-09 3.36E-26
4.67E-09 -1.53E-24 1.52E-07
2.82E-24

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 ULO08 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-43474.022 -5.29E-29 244680.608
4.01E-29
REACTNS 3.62E-09 3.35E-26
43474.022 -1.53E-24 -244680.608
2.82E-24

TOTAL 3.62E-09 3.36E-26
4.67E-09 -1.53E-24 1.52E-07
2.82E-24

COMB ULO09 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-43474.022 -5.29E-29 244680.608
4.01E-29
REACTNS 5.71E-10 3.50E-26
43474.022 -1.60E-24 -244680.608
2.83E-24

TOTAL 5.71E-10 3.50E-26
4.67E-09 -1.60E-24 1.23E-08
2.83E-24

COMB ULO09 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-43474.022 -5.29E-29 244680.608
4.01E-29
REACTNS 5.71E-10 3.50E-26
43474.022 -1.60E-24 -244680.608
2.83E-24

TOTAL 5.71E-10 3.50E-26
4.67E-09 -1.60E-24 1.23E-08
2.83E-24

COMB ULO10 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 1500.905 1.09E-30
-41801.944 -5.09E-29 292897.868
3.86E-29
REACTNS -1500.905 1.57E-25
41801.944 -7.17E-24 -292897.868
3.42E-24

TOTAL 7.90E-08 1.57E-25
3.85E-09 -7.17E-24 3.60E-06
3.42E-24

COMB ULO10 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 1500.905 1.09E-30
-41801.944 -5.09E-29 292897.868
3.86E-29
REACTNS -1500.905 1.57E-25
41801.944 -7.17E-24 -292897.868
3.42E-24

TOTAL 7.90E-08 1.57E-25
3.85E-09 -7.17E-24 3.60E-06
3.42E-24

COMB ULO11 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 1500.905 1.09E-30
-41801.944 -5.09E-29 292897.868
3.86E-29
REACTNS -1500.905 1.58E-25
41801.944 -7.23E-24 -292897.868
3.43E-24

TOTAL 7.61E-08 1.58E-25
3.85E-09 -7.23E-24 3.47E-06
3.43E-24

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 ULO11 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 1500.905 1.09E-30
-41801.944 -5.09E-29 292897.868
3.86E-29
REACTNS -1500.905 1.58E-25
41801.944 -7.23E-24 -292897.868
3.43E-24

TOTAL 7.61E-08 1.58E-25
3.85E-09 -7.23E-24 3.47E-06
3.43E-24

COMB ULO12 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-46417.632 -5.09E-29 295196.896
3.86E-29
REACTNS -853.729609 1.11E-25
46417.632 -5.09E-24 -295196.896
3.55E-24

TOTAL 4.79E-08 1.11E-25
4.80E-09 -5.09E-24 2.18E-06
3.55E-24

COMB ULO12 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-46417.632 -5.09E-29 295196.896
3.86E-29
REACTNS -853.729609 1.11E-25
46417.632 -5.09E-24 -295196.896
3.55E-24

TOTAL 4.79E-08 1.11E-25
4.80E-09 -5.09E-24 2.18E-06
3.55E-24

COMB ULO13 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-46417.632 -5.09E-29 295196.896
3.86E-29
REACTNS -853.729609 1.13E-25
46417.632 -5.15E-24 -295196.896
3.56E-24

TOTAL 4.50E-08 1.13E-25
4.80E-09 -5.15E-24 2.04E-06
3.56E-24

COMB ULO13 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-46417.632 -5.09E-29 295196.896
3.86E-29
REACTNS -853.729609 1.13E-25
46417.632 -5.15E-24 -295196.896
3.56E-24

TOTAL 4.50E-08 1.13E-25
4.80E-09 -5.15E-24 2.04E-06
3.56E-24

COMB ULO14 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-41801.944 -5.09E-29 269334.096
3.86E-29
REACTNS -853.729609 1.07E-25
41801.944 -4.91E-24 -269334.096
3.14E-24

TOTAL 4.79E-08 1.07E-25
4.10E-09 -4.91E-24 2.18E-06
3.14E-24

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 ULO14 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-41801.944 -5.09E-29 269334.096
3.86E-29
REACTNS -853.729609 1.07E-25
41801.944 -4.91E-24 -269334.096
3.14E-24

TOTAL 4.79E-08 1.07E-25
4.10E-09 -4.91E-24 2.18E-06
3.14E-24

COMB ULO15 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-41801.944 -5.09E-29 269334.096
3.86E-29
REACTNS -853.729609 1.09E-25
41801.944 -4.97E-24 -269334.096
3.14E-24

TOTAL 4.50E-08 1.09E-25
4.11E-09 -4.97E-24 2.04E-06
3.14E-24

COMB ULO15 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 853.729609 1.09E-30
-41801.944 -5.09E-29 269334.096
3.86E-29
REACTNS -853.729609 1.09E-25
41801.944 -4.97E-24 -269334.096
3.14E-24

TOTAL 4.50E-08 1.09E-25
4.11E-09 -4.97E-24 2.04E-06
3.14E-24

COMB ULO16 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB ULO16 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB ULO17 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-48274.337 -5.29E-29 271577.920
4.01E-29
REACTNS 5.78E-10 3.91E-26
48274.337 -1.79E-24 -271577.920
3.26E-24

TOTAL 5.78E-10 3.91E-26
5.39E-09 -1.79E-24 1.05E-08
3.26E-24

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 ULO17 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 1.14E-30
-48274.337 -5.29E-29 271577.920
4.01E-29
REACTNS 5.78E-10 3.91E-26
48274.337 -1.79E-24 -271577.920
3.26E-24

TOTAL 5.78E-10 3.91E-26
5.39E-09 -1.79E-24 1.05E-08
3.26E-24

COMB ULO18 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 1440.869 1.05E-30
-40129.867 -4.88E-29 281181.953
3.71E-29
REACTNS -1440.869 1.52E-25
40129.867 -6.94E-24 -281181.953
3.29E-24

TOTAL 7.30E-08 1.52E-25
3.70E-09 -6.94E-24 3.33E-06
3.29E-24

COMB ULO18 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 1440.869 1.05E-30
-40129.867 -4.88E-29 281181.953
3.71E-29

REACTNS -1440.869 1.52E-25
40129.867 -6.94E-24 -281181.953
3.29E-24

TOTAL 7.30E-08 1.52E-25
3.70E-09 -6.94E-24 3.33E-06
3.29E-24

COMB UEO01 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-41380.538 -4.07E-29 232699.868
3.09E-29
REACTNS 4.51E-10 3.36E-26
41380.538 -1.54E-24 -232699.868
2.88E-24

TOTAL 4.51E-10 3.37E-26
4.78E-09 -1.54E-24 6.45E-09
2.88E-24

COMB UEO01 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-41380.538 -4.07E-29 232699.868
3.09E-29
REACTNS 4.51E-10 3.36E-26
41380.538 -1.54E-24 -232699.868
2.88E-24

TOTAL 4.51E-10 3.37E-26
4.78E-09 -1.54E-24 6.45E-09
2.88E-24

COMB UEO02 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

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 UEO02 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB UEO03 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 1560.941 8.74E-31
-33441.555 -4.07E-29 248149.027
3.09E-29
REACTNS -1560.941 1.56E-25
33441.555 -7.15E-24 -248149.027
2.91E-24

TOTAL 7.90E-08 1.56E-25
2.93E-09 -7.15E-24 3.60E-06
2.91E-24

COMB UEO03 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 1560.941 8.74E-31
-33441.555 -4.07E-29 248149.027
3.09E-29
REACTNS -1560.941 1.56E-25
33441.555 -7.15E-24 -248149.027
2.91E-24

TOTAL 7.90E-08 1.56E-25
2.93E-09 -7.15E-24 3.60E-06
2.91E-24

COMB UEO04 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 887.878793 8.74E-31
-38241.870 -4.07E-29 250540.016
3.09E-29
REACTNS -887.878793 1.09E-25
38241.870 -4.99E-24 -250540.016
3.05E-24

TOTAL 4.66E-08 1.09E-25
3.91E-09 -4.99E-24 2.12E-06
3.05E-24

COMB UEO04 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 887.878793 8.74E-31
-38241.870 -4.07E-29 250540.016
3.09E-29
REACTNS -887.878793 1.09E-25
38241.870 -4.99E-24 -250540.016
3.05E-24

TOTAL 4.66E-08 1.09E-25
3.91E-09 -4.99E-24 2.12E-06
3.05E-24

COMB UEO05 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 887.878793 8.74E-31
-33441.555 -4.07E-29 223642.704
3.09E-29
REACTNS -887.878793 1.05E-25
33441.555 -4.80E-24 -223642.704
2.62E-24

TOTAL 4.66E-08 1.05E-25
3.19E-09 -4.80E-24 2.12E-06
2.62E-24

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 UEO05 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 887.878793 8.74E-31
-33441.555 -4.07E-29 223642.704
3.09E-29
REACTNS -887.878793 1.05E-25
33441.555 -4.80E-24 -223642.704
2.62E-24

TOTAL 4.66E-08 1.05E-25
3.19E-09 -4.80E-24 2.12E-06
2.62E-24

COMB UEO06 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 3.50E-09 2.96E-26
38241.870 -1.35E-24 -215113.164
2.60E-24

TOTAL 3.50E-09 2.96E-26
4.31E-09 -1.35E-24 1.47E-07
2.60E-24

COMB UEO06 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 3.50E-09 2.96E-26
38241.870 -1.35E-24 -215113.164
2.60E-24

TOTAL 3.50E-09 2.96E-26
4.31E-09 -1.35E-24 1.47E-07
2.60E-24

COMB UEO07 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 4.47E-10 3.10E-26
38241.870 -1.42E-24 -215113.164
2.60E-24

TOTAL 4.47E-10 3.10E-26
4.31E-09 -1.42E-24 7.64E-09
2.60E-24

COMB UEO07 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-38241.870 -4.07E-29 215113.164
3.09E-29
REACTNS 4.47E-10 3.10E-26
38241.870 -1.42E-24 -215113.164
2.60E-24

TOTAL 4.47E-10 3.10E-26
4.31E-09 -1.42E-24 7.64E-09
2.60E-24

COMB UEO08 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 3.49E-09 2.55E-26
33441.555 -1.16E-24 -188215.852
2.17E-24

TOTAL 3.49E-09 2.55E-26
3.59E-09 -1.16E-24 1.49E-07
2.17E-24

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 UEO08 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 3.49E-09 2.55E-26
33441.555 -1.16E-24 -188215.852
2.17E-24

TOTAL 3.49E-09 2.55E-26
3.59E-09 -1.16E-24 1.49E-07
2.17E-24

COMB UEO09 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB UEO09 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED .000000 8.74E-31
-33441.555 -4.07E-29 188215.852
3.09E-29
REACTNS 4.39E-10 2.69E-26
33441.555 -1.23E-24 -188215.852
2.17E-24

TOTAL 4.39E-10 2.69E-26
3.59E-09 -1.23E-24 9.46E-09
2.17E-24

COMB UEO10 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 1500.905 8.31E-31
-31769.478 -3.87E-29 236433.112
2.93E-29
REACTNS -1500.905 1.49E-25
31769.478 -6.80E-24 -236433.112
2.77E-24

TOTAL 7.89E-08 1.49E-25
2.77E-09 -6.80E-24 3.60E-06
2.77E-24

COMB UEO10 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 1500.905 8.31E-31
-31769.478 -3.87E-29 236433.112
2.93E-29
REACTNS -1500.905 1.49E-25
31769.478 -6.80E-24 -236433.112
2.77E-24

TOTAL 7.89E-08 1.49E-25
2.77E-09 -6.80E-24 3.60E-06
2.77E-24

COMB UEO11 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 1500.905 8.31E-31
-31769.478 -3.87E-29 236433.112
2.93E-29
REACTNS -1500.905 1.50E-25
31769.478 -6.86E-24 -236433.112
2.77E-24

TOTAL 7.59E-08 1.50E-25
2.78E-09 -6.86E-24 3.46E-06
2.77E-24

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 UEO11 ----------
MIN

FX FY
FZ MX MY MZ
APPLIED 1500.905 8.31E-31
-31769.478 -3.87E-29 236433.112
2.93E-29
REACTNS -1500.905 1.50E-25
31769.478 -6.86E-24 -236433.112
2.77E-24

TOTAL 7.59E-08 1.50E-25
2.78E-09 -6.86E-24 3.46E-06
2.77E-24

COMB UEO12 ----------
MAX

FX FY
FZ MX MY MZ
APPLIED 853.729609 8.31E-31
-36385.165 -3.87E-29 238732.140
2.93E-29
REACTNS -853.729609 1.03E-25
36385.165 -4.72E-24 -238732.140
2.90E-24

TOTAL 4.78E-08 1.03E-25
3.72E-09 -4.72E-24 2.17E-06
2.90E-24

COMB UEO12 ----------
MIN

FX FY

```
FZ          MX          MY          MZ
 APPLIED     853.729609          8.31E-31
-36385.165       -3.87E-29     238732.140
2.93E-29
 REACTNS  -853.729609          1.03E-25
36385.165       -4.72E-24    -238732.140
2.90E-24

   TOTAL       4.78E-08          1.03E-25
3.72E-09       -4.72E-24          2.17E-06
2.90E-24

 COMB      UEO13 --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED     853.729609          8.31E-31
-36385.165       -3.87E-29     238732.140
2.93E-29
 REACTNS  -853.729609          1.05E-25
36385.165       -4.78E-24    -238732.140
2.91E-24

   TOTAL       4.48E-08          1.05E-25
3.72E-09       -4.78E-24          2.04E-06
2.91E-24

 COMB      UEO13 --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED     853.729609          8.31E-31
-36385.165       -3.87E-29     238732.140
2.93E-29
 REACTNS  -853.729609          1.05E-25
36385.165       -4.78E-24    -238732.140
2.91E-24

   TOTAL       4.48E-08          1.05E-25
3.72E-09       -4.78E-24          2.04E-06
2.91E-24

 COMB      UEO14 --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED     853.729609          8.31E-31
-31769.478       -3.87E-29     212869.340
2.93E-29
 REACTNS  -853.729609          9.93E-26
31769.478       -4.54E-24    -212869.340
2.49E-24

   TOTAL       4.78E-08          9.93E-26
3.03E-09       -4.54E-24          2.17E-06
2.49E-24
 Program SAP2000 Nonlinear Version 7.42
                    File:청도2교_P6_본체.OUT


                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                146

 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      UEO14 --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED     853.729609          8.31E-31
-31769.478       -3.87E-29     212869.340
2.93E-29
 REACTNS  -853.729609          9.93E-26
31769.478       -4.54E-24    -212869.340
2.49E-24

   TOTAL       4.78E-08          9.93E-26
3.03E-09       -4.54E-24          2.17E-06
2.49E-24

 COMB      UEO15 --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED     853.729609          8.31E-31
-31769.478       -3.87E-29     212869.340
2.93E-29
 REACTNS  -853.729609          1.01E-25
31769.478       -4.60E-24    -212869.340
2.49E-24

   TOTAL       4.48E-08          1.01E-25
3.03E-09       -4.60E-24          2.04E-06
2.49E-24

 COMB      UEO15 --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED     853.729609          8.31E-31
-31769.478       -3.87E-29     212869.340
2.93E-29
 REACTNS  -853.729609          1.01E-25
31769.478       -4.60E-24    -212869.340
2.49E-24

   TOTAL       4.48E-08          1.01E-25
3.03E-09       -4.60E-24          2.04E-06
2.49E-24

 COMB      UEO16 --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          8.74E-31
-33441.555       -4.07E-29     188215.852
3.09E-29
 REACTNS       4.39E-10          2.69E-26
33441.555       -1.23E-24    -188215.852
2.17E-24

   TOTAL       4.39E-10          2.69E-26
3.59E-09       -1.23E-24          9.46E-09
2.17E-24

 COMB      UEO16 --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          8.74E-31
-33441.555       -4.07E-29     188215.852
3.09E-29
 REACTNS       4.39E-10          2.69E-26
33441.555       -1.23E-24    -188215.852
2.17E-24

   TOTAL       4.39E-10          2.69E-26
3.59E-09       -1.23E-24          9.46E-09
2.17E-24

 COMB      UEO17 --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          8.74E-31
-38241.870       -4.07E-29     215113.164
3.09E-29
 REACTNS       4.47E-10          3.10E-26
38241.870       -1.42E-24    -215113.164
2.60E-24

   TOTAL       4.47E-10          3.10E-26
4.31E-09       -1.42E-24          7.64E-09
2.60E-24
 Program SAP2000 Nonlinear Version 7.42
                    File:청도2교_P6_본체.OUT


                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                147

 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      UEO17 --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          8.74E-31
-38241.870       -4.07E-29     215113.164
3.09E-29
 REACTNS       4.47E-10          3.10E-26
38241.870       -1.42E-24    -215113.164
2.60E-24

   TOTAL       4.47E-10          3.10E-26
4.31E-09       -1.42E-24          7.64E-09
2.60E-24

 COMB      UEO18 --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          1440.869          7.87E-31
-30097.400       -3.66E-29     224717.198
2.78E-29
 REACTNS      -1440.869          1.44E-25
30097.400       -6.57E-24    -224717.198
2.64E-24

   TOTAL       7.29E-08          1.44E-25
2.62E-09       -6.57E-24          3.32E-06
2.64E-24

 COMB      UEO18 --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          1440.869          7.87E-31
-30097.400       -3.66E-29     224717.198
2.78E-29
 REACTNS      -1440.869          1.44E-25
30097.400       -6.57E-24    -224717.198
2.64E-24

   TOTAL       7.29E-08          1.44E-25
2.62E-09       -6.57E-24          3.32E-06
2.64E-24

 COMB      ENVBULT --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          1.14E-30
.000000          .000000     289164.624
4.01E-29
 REACTNS       5.83E-10          4.17E-26
51413.005       .000000          .000000
3.54E-24

   TOTAL       5.83E-10          4.17E-26
5.86E-09       .000000          9.29E-09
3.54E-24

 COMB      ENVBULT --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          .000000
-51413.005       -5.29E-29          .000000
.000000
 REACTNS          .000000          .000000
.000000       -1.91E-24    -289164.624
.000000

   TOTAL          .000000          .000000
.000000       -1.91E-24          .000000
.000000

 COMB      ENVBECC --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          8.74E-31
.000000          .000000     232699.868
3.09E-29
 REACTNS       4.51E-10          3.36E-26
41380.538       .000000          .000000
2.88E-24

   TOTAL       4.51E-10          3.37E-26
4.78E-09       .000000          9.46E-09
2.88E-24
 Program SAP2000 Nonlinear Version 7.42
                    File:청도2교_P6_본체.OUT


                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                148

 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      ENVBECC --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          .000000
-41380.538       -4.07E-29          .000000
.000000
 REACTNS          .000000          .000000
.000000       -1.54E-24    -232699.868
.000000

   TOTAL          .000000          .000000
.000000       -1.54E-24          .000000
.000000

 COMB      ENVOULT --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          1.14E-30
.000000          .000000     289164.624
4.01E-29
 REACTNS       5.83E-10          4.17E-26
51413.005       .000000          .000000
3.54E-24

   TOTAL       5.83E-10          4.17E-26
5.86E-09       .000000          9.29E-09
3.54E-24

 COMB      ENVOULT --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          .000000
-51413.005       -5.29E-29          .000000
.000000
 REACTNS          .000000          .000000
.000000       -1.91E-24    -289164.624
.000000

   TOTAL          .000000          .000000
.000000       -1.91E-24          .000000
.000000

 COMB      ENVOECC --------------------
MAX

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          8.74E-31
.000000          .000000     232699.868
3.09E-29
 REACTNS       4.51E-10          3.36E-26
41380.538       .000000          .000000
2.88E-24

   TOTAL       4.51E-10          3.37E-26
4.78E-09       .000000          9.46E-09
2.88E-24

 COMB      ENVOECC --------------------
MIN

                    FX                    FY
FZ          MX          MY          MZ
 APPLIED          .000000          .000000
-41380.538       -4.07E-29          .000000
.000000
 REACTNS          .000000          .000000
.000000       -1.54E-24    -232699.868
.000000

   TOTAL          .000000          .000000
.000000       -1.54E-24          .000000
.000000
 Program SAP2000 Nonlinear Version 7.42
                    File:청도2교_P6_본체.OUT


                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                149

 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 =     0.015000

 LOAD        D --------------------

 REL DIST              P                    V2
V3              T              M2              M3
  0.00000          .000000         -3.73E-09
-4.14E-25          .000000         -6.46E-27
.000000
  0.25000          .000000          1.096875
-1.33E-16          .000000          2.49E-19
-0.002057
  0.50000          .000000          2.193750
-2.66E-16          .000000          9.96E-19
-0.008227
  0.75000          .000000          3.290625
-3.99E-16          .000000          2.24E-18
-0.018510
  1.00000          .000000          4.387500
-5.31E-16          .000000          3.99E-18
-0.032906

 LOAD       L1 --------------------

 REL DIST              P                    V2
V3              T              M2              M3
  0.00000          .000000          .000000
-5.17E-26          .000000         -4.04E-28
.000000
  0.25000          .000000          .000000
-5.17E-26          .000000         -2.10E-28
.000000
  0.50000          .000000          .000000
-5.17E-26          .000000         -1.62E-29
.000000
  0.75000          .000000          .000000
-5.17E-26          .000000          1.78E-28
.000000
  1.00000          .000000          .000000
-5.17E-26          .000000          3.72E-28
.000000

 LOAD     W-LO --------------------

 REL DIST              P                    V2
V3              T              M2              M3
  0.00000          .000000          .000000
.000000          .000000          .000000
.000000
  0.25000          .000000          6.13E-18
```

0.050625 .000000 -9.49E-05
-1.15E-20
0.50000 .000000 1.23E-17
0.101250 .000000 -0.000380
-4.60E-20
0.75000 .000000 1.84E-17
0.151875 .000000 -0.000854
-1.03E-19
1.00000 .000000 2.45E-17
0.202500 .000000 -0.001519
-1.84E-19

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -1.65E-24
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 -1.65E-24
-1.49E-08 .000000 -6.05E-11
-6.72E-27
0.50000 .000000 -1.65E-24
-1.49E-08 .000000 -4.66E-12
-5.17E-28
0.75000 .000000 -1.65E-24
-1.49E-08 .000000 5.12E-11
5.69E-27
1.00000 .000000 -1.65E-24
-1.49E-08 .000000 1.07E-10
1.19E-26

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 .000000
-1.03E-25 .000000 .000000
-9.31E-10
0.25000 -38.220000 .000000
-1.03E-25 .000000 3.88E-28
-9.31E-10
0.50000 -38.220000 .000000
-1.03E-25 .000000 7.75E-28
-9.31E-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 -38.220000 .000000
-1.03E-25 .000000 1.16E-27
-9.31E-10
1.00000 -38.220000 .000000
-1.03E-25 .000000 1.55E-27
-9.31E-10

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -1.16E-10
2.58E-26 .000000 3.23E-27
.000000
0.25000 .000000 -1.16E-10
2.58E-26 .000000 3.13E-27
4.37E-13
0.50000 .000000 -1.16E-10
2.58E-26 .000000 3.04E-27
8.73E-13
0.75000 .000000 -1.16E-10
2.58E-26 .000000 2.94E-27
1.31E-12
1.00000 .000000 -1.16E-10
2.58E-26 .000000 2.84E-27
1.75E-12

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 -1.62E-27
2.91E-11
0.25000 .000000 .000000
.000000 .000000 -1.62E-27
2.91E-11
0.50000 .000000 .000000
.000000 .000000 -1.62E-27
2.91E-11
0.75000 .000000 .000000
.000000 .000000 -1.62E-27
2.91E-11
1.00000 .000000 .000000
.000000 .000000 -1.62E-27
2.91E-11

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000

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 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.050625 .000000 -9.49E-05
-0.002057
0.50000 .000000 2.193750
0.101250 .000000 -0.000380
-0.008227
0.75000 .000000 3.290625
0.151875 .000000 -0.000854
-0.018510
1.00000 .000000 4.387500
0.202500 .000000 -0.001519
-0.032906

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.050625 .000000 -9.49E-05
-0.002057
0.50000 .000000 2.193750
0.101250 .000000 -0.000380
-0.008227
0.75000 .000000 3.290625
0.151875 .000000 -0.000854
-0.018510
1.00000 .000000 4.387500
0.202500 .000000 -0.001519
-0.032906

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

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 SVB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
-1.49E-08 .000000 -6.05E-11
-0.002057
0.50000 .000000 2.193750
-1.49E-08 .000000 -4.66E-12
-0.008227
0.75000 .000000 3.290625
-1.49E-08 .000000 5.12E-11
-0.018510
1.00000 .000000 4.387500
-1.49E-08 .000000 1.07E-10
-0.032906

COMB SVB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
-1.49E-08 .000000 -6.05E-11
-0.002057
0.50000 .000000 2.193750
-1.49E-08 .000000 -4.66E-12
-0.008227
0.75000 .000000 3.290625
-1.49E-08 .000000 5.12E-11
-0.018510
1.00000 .000000 4.387500
-1.49E-08 .000000 1.07E-10
-0.032906

COMB SVB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057

0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

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 SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
-1.49E-08 .000000 -6.05E-11
-0.002057
0.50000 .000000 2.193750
-1.49E-08 .000000 -4.66E-12
-0.008227
0.75000 .000000 3.290625
-1.49E-08 .000000 5.12E-11
-0.018510
1.00000 .000000 4.387500
-1.49E-08 .000000 1.07E-10
-0.032906

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
-1.49E-08 .000000 -6.05E-11
-0.002057
0.50000 .000000 2.193750
-1.49E-08 .000000 -4.66E-12
-0.008227
0.75000 .000000 3.290625
-1.49E-08 .000000 5.12E-11
-0.018510
1.00000 .000000 4.387500
-1.49E-08 .000000 1.07E-10
-0.032906

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
0.050625 .000000 -9.49E-05
-0.002057
0.50000 .000000 2.193750
0.101250 .000000 -0.000380
-0.008227
0.75000 .000000 3.290625
0.151875 .000000 -0.000854
-0.018510
1.00000 .000000 4.387500
0.202500 .000000 -0.001519
-0.032906

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
0.050625 .000000 -9.49E-05
-0.002057
0.50000 .000000 2.193750
0.101250 .000000 -0.000380
-0.008227
0.75000 .000000 3.290625
0.151875 .000000 -0.000854
-0.018510
1.00000 .000000 4.387500
0.202500 .000000 -0.001519
-0.032906

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 SVB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.050625 .000000 -9.49E-05
-0.002057
0.50000 .000000 2.193750
0.101250 .000000 -0.000380
-0.008227
0.75000 .000000 3.290625
0.151875 .000000 -0.000854
-0.018510
1.00000 .000000 4.387500
0.202500 .000000 -0.001519
-0.032906

COMB SVB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.050625 .000000 -9.49E-05
-0.002057
0.50000 .000000 2.193750
0.101250 .000000 -0.000380
-0.008227
0.75000 .000000 3.290625
0.151875 .000000 -0.000854
-0.018510
1.00000 .000000 4.387500
0.202500 .000000 -0.001519
-0.032906

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.49E-08 .000000 -1.16E-10
-1.29E-26
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.025312 .000000 -4.75E-05
-0.002057
0.50000 .000000 2.193750
0.050625 .000000 -0.000190
-0.008227
0.75000 .000000 3.290625
0.075937 .000000 -0.000427
-0.018510
1.00000 .000000 4.387500
0.101250 .000000 -0.000759
-0.032906

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.49E-25 .000000 -9.27E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.49E-25 .000000 -9.27E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18

-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
0.065812 .000000 -0.000123
-0.002674
0.50000 .000000 2.851875
0.131625 .000000 -0.000494
-0.010695
0.75000 .000000 4.277812
0.197437 .000000 -0.001111
-0.024063
1.00000 .000000 5.703750
0.263250 .000000 -0.001974
-0.042778

COMB ULB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
0.065812 .000000 -0.000123
-0.002674
0.50000 .000000 2.851875
0.131625 .000000 -0.000494
-0.010695
0.75000 .000000 4.277812
0.197437 .000000 -0.001111
-0.024063
1.00000 .000000 5.703750
0.263250 .000000 -0.001974
-0.042778

COMB ULB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.05E-25 .000000 -8.93E-27
.000000
0.25000 .000000 1.425937
0.032906 .000000 -6.17E-05
-0.002674
0.50000 .000000 2.851875
0.065812 .000000 -0.000247
-0.010695
0.75000 .000000 4.277812
0.098719 .000000 -0.000555
-0.024063
1.00000 .000000 5.703750
0.131625 .000000 -0.000987
-0.042778

COMB ULB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.05E-25 .000000 -8.93E-27
.000000
0.25000 .000000 1.425937
0.032906 .000000 -6.17E-05
-0.002674
0.50000 .000000 2.851875
0.065812 .000000 -0.000247
-0.010695
0.75000 .000000 4.277812
0.098719 .000000 -0.000555
-0.024063
1.00000 .000000 5.703750
0.131625 .000000 -0.000987
-0.042778

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 ULB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
0.032906 .000000 -6.17E-05
-0.002674
0.50000 .000000 2.851875
0.065812 .000000 -0.000247
-0.010695
0.75000 .000000 4.277812
0.098719 .000000 -0.000555
-0.024063
1.00000 .000000 5.703750
0.131625 .000000 -0.000987
-0.042778

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
0.032906 .000000 -6.17E-05
-0.002674
0.50000 .000000 2.851875
0.065812 .000000 -0.000247
-0.010695
0.75000 .000000 4.277812
0.098719 .000000 -0.000555
-0.024063
1.00000 .000000 5.703750
0.131625 .000000 -0.000987
-0.042778

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.425937
-1.94E-08 .000000 -7.87E-11
-0.002674
0.50000 .000000 2.851875
-1.94E-08 .000000 -6.05E-12
-0.010695
0.75000 .000000 4.277812
-1.94E-08 .000000 6.66E-11
-0.024063
1.00000 .000000 5.703750
-1.94E-08 .000000 1.39E-10
-0.042778

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.425937
-1.94E-08 .000000 -7.87E-11
-0.002674
0.50000 .000000 2.851875
-1.94E-08 .000000 -6.05E-12
-0.010695
0.75000 .000000 4.277812
-1.94E-08 .000000 6.66E-11
-0.024063
1.00000 .000000 5.703750
-1.94E-08 .000000 1.39E-10
-0.042778

COMB ULB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.05E-25 .000000 -8.93E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.05E-25 .000000 -8.93E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

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 ULB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.425937
-1.94E-08 .000000 -7.87E-11
-0.002674
0.50000 .000000 2.851875
-1.94E-08 .000000 -6.05E-12
-0.010695
0.75000 .000000 4.277812
-1.94E-08 .000000 6.66E-11
-0.024063
1.00000 .000000 5.703750
-1.94E-08 .000000 1.39E-10
-0.042778

COMB ULB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.425937
-1.94E-08 .000000 -7.87E-11
-0.002674
0.50000 .000000 2.851875
-1.94E-08 .000000 -6.05E-12
-0.010695
0.75000 .000000 4.277812
-1.94E-08 .000000 6.66E-11
-0.024063
1.00000 .000000 5.703750
-1.94E-08 .000000 1.39E-10
-0.042778

COMB ULB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-5.38E-25 .000000 -8.40E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.371094
0.063281 .000000 -0.000119
-0.002571
0.50000 .000000 2.742187
0.126562 .000000 -0.000475
-0.010283
0.75000 .000000 4.113281
0.189844 .000000 -0.001068
-0.023137
1.00000 .000000 5.484375
0.253125 .000000 -0.001898
-0.041133

COMB ULB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.371094
0.063281 .000000 -0.000119
-0.002571
0.50000 .000000 2.742187
0.126562 .000000 -0.000475
-0.010283
0.75000 .000000 4.113281
0.189844 .000000 -0.001068
-0.023137
1.00000 .000000 5.484375
0.253125 .000000 -0.001898
-0.041133

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 ULB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09

-5.17E-25 .000000 -8.08E-27
.000000
0.25000 .000000 1.371094
0.063281 .000000 -0.000119
-0.002571
0.50000 .000000 2.742187
0.126562 .000000 -0.000475
-0.010283
0.75000 .000000 4.113281
0.189844 .000000 -0.001068
-0.023137
1.00000 .000000 5.484375
0.253125 .000000 -0.001898
-0.041133

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-5.17E-25 .000000 -8.08E-27
.000000
0.25000 .000000 1.371094
0.063281 .000000 -0.000119
-0.002571
0.50000 .000000 2.742187
0.126562 .000000 -0.000475
-0.010283
0.75000 .000000 4.113281
0.189844 .000000 -0.001068
-0.023137
1.00000 .000000 5.484375
0.253125 .000000 -0.001898
-0.041133

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.371094
0.031641 .000000 -5.93E-05
-0.002571
0.50000 .000000 2.742187
0.063281 .000000 -0.000237
-0.010283
0.75000 .000000 4.113281
0.094922 .000000 -0.000534
-0.023137
1.00000 .000000 5.484375
0.126562 .000000 -0.000949
-0.041133

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.371094
0.031641 .000000 -5.93E-05
-0.002571
0.50000 .000000 2.742187
0.063281 .000000 -0.000237
-0.010283
0.75000 .000000 4.113281
0.094922 .000000 -0.000534
-0.023137
1.00000 .000000 5.484375
0.126562 .000000 -0.000949
-0.041133

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-5.82E-25 .000000 -8.58E-27
.000000
0.25000 .000000 1.371094
0.031641 .000000 -5.93E-05
-0.002571
0.50000 .000000 2.742187
0.063281 .000000 -0.000237
-0.010283
0.75000 .000000 4.113281
0.094922 .000000 -0.000534
-0.023137
1.00000 .000000 5.484375
0.126562 .000000 -0.000949
-0.041133

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-5.82E-25 .000000 -8.58E-27
.000000
0.25000 .000000 1.371094
0.063281 .000000 -0.000119
-0.002571
0.50000 .000000 2.742187
0.126562 .000000 -0.000475
-0.010283
0.75000 .000000 4.113281
0.189844 .000000 -0.001068
-0.023137
1.00000 .000000 5.484375
0.253125 .000000 -0.001898
-0.041133

COMB ULB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.371094
0.031641 .000000 -5.93E-05
-0.002571
0.50000 .000000 2.742187
0.063281 .000000 -0.000237
-0.010283
0.75000 .000000 4.113281
0.094922 .000000 -0.000534
-0.023137
1.00000 .000000 5.484375
0.126562 .000000 -0.000949
-0.041133

COMB ULB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.371094
0.031641 .000000 -5.93E-05
-0.002571
0.50000 .000000 2.742187
0.063281 .000000 -0.000237
-0.010283
0.75000 .000000 4.113281
0.094922 .000000 -0.000534
-0.023137
1.00000 .000000 5.484375
0.126562 .000000 -0.000949
-0.041133

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-5.17E-25 .000000 -8.08E-27
.000000
0.25000 .000000 1.371094
0.031641 .000000 -5.93E-05
-0.002571
0.50000 .000000 2.742187
0.063281 .000000 -0.000237
-0.010283
0.75000 .000000 4.113281
0.094922 .000000 -0.000534
-0.023137
1.00000 .000000 5.484375
0.126562 .000000 -0.000949
-0.041133

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.66E-09
-5.17E-25 .000000 -8.08E-27
.000000
0.25000 .000000 1.371094
0.031641 .000000 -5.93E-05
-0.002571
0.50000 .000000 2.742187
0.063281 .000000 -0.000237
-0.010283
0.75000 .000000 4.113281
0.094922 .000000 -0.000534
-0.023137
1.00000 .000000 5.484375
0.126562 .000000 -0.000949
-0.041133

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 160

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.05E-25 .000000 -8.93E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.84E-09
-6.05E-25 .000000 -8.93E-27
.000000
0.25000 .000000 1.425937
-1.73E-16 .000000 3.24E-19
-0.002674
0.50000 .000000 2.851875
-3.45E-16 .000000 1.30E-18
-0.010695
0.75000 .000000 4.277812
-5.18E-16 .000000 2.91E-18
-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.47E-09
-4.96E-25 .000000 -7.75E-27
.000000
0.25000 .000000 1.316250
0.060750 .000000 -0.000114
-0.002468
0.50000 .000000 2.632500
0.121500 .000000 -0.000456
-0.009872
0.75000 .000000 3.948750
0.182250 .000000 -0.001025
-0.022212
1.00000 .000000 5.265000
0.243000 .000000 -0.001822
-0.039487

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.47E-09
-4.96E-25 .000000 -7.75E-27
.000000
0.25000 .000000 1.316250
0.060750 .000000 -0.000114
-0.002468
0.50000 .000000 2.632500
0.121500 .000000 -0.000456
-0.009872
0.75000 .000000 3.948750
0.182250 .000000 -0.001025
-0.022212
1.00000 .000000 5.265000
0.243000 .000000 -0.001822
-0.039487

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-5.25E-25 .000000 -7.33E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-5.25E-25 .000000 -7.33E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 161

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000

0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.065812 .000000 -0.000123
-0.002057
0.50000 .000000 2.193750
0.131625 .000000 -0.000494
-0.008227
0.75000 .000000 3.290625
0.197437 .000000 -0.001111
-0.018510
1.00000 .000000 4.387500
0.263250 .000000 -0.001974
-0.032906

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.065812 .000000 -0.000123
-0.002057
0.50000 .000000 2.193750
0.131625 .000000 -0.000494
-0.008227
0.75000 .000000 3.290625
0.197437 .000000 -0.001111
-0.018510
1.00000 .000000 4.387500
0.263250 .000000 -0.001974
-0.032906

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.81E-25 .000000 -6.99E-27
.000000
0.25000 .000000 1.096875
0.032906 .000000 -6.17E-05
-0.002057
0.50000 .000000 2.193750
0.065812 .000000 -0.000247
-0.008227
0.75000 .000000 3.290625
0.098719 .000000 -0.000555
-0.018510
1.00000 .000000 4.387500
0.131625 .000000 -0.000987
-0.032906

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.81E-25 .000000 -6.99E-27
.000000
0.25000 .000000 1.096875
0.032906 .000000 -6.17E-05
-0.002057
0.50000 .000000 2.193750
0.065812 .000000 -0.000247
-0.008227
0.75000 .000000 3.290625
0.098719 .000000 -0.000555
-0.018510
1.00000 .000000 4.387500
0.131625 .000000 -0.000987
-0.032906
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 163

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.032906 .000000 -6.17E-05
-0.002057
0.50000 .000000 2.193750
0.065812 .000000 -0.000247
-0.008227
0.75000 .000000 3.290625
0.098719 .000000 -0.000555
-0.018510
1.00000 .000000 4.387500
0.131625 .000000 -0.000987
-0.032906

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
0.032906 .000000 -6.17E-05
-0.002057
0.50000 .000000 2.193750
0.065812 .000000 -0.000247
-0.008227
0.75000 .000000 3.290625
0.098719 .000000 -0.000555
-0.018510
1.00000 .000000 4.387500
0.131625 .000000 -0.000987
-0.032906

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.096875
-1.94E-08 .000000 -7.87E-11
-0.002057
0.50000 .000000 2.193750
-1.94E-08 .000000 -6.05E-12
-0.008227
0.75000 .000000 3.290625
-1.94E-08 .000000 6.66E-11
-0.018510
1.00000 .000000 4.387500
-1.94E-08 .000000 1.39E-10
-0.032906

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.096875
-1.94E-08 .000000 -7.87E-11
-0.002057
0.50000 .000000 2.193750
-1.94E-08 .000000 -6.05E-12
-0.008227
0.75000 .000000 3.290625
-1.94E-08 .000000 6.66E-11
-0.018510
1.00000 .000000 4.387500
-1.94E-08 .000000 1.39E-10
-0.032906

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.81E-25 .000000 -6.99E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.81E-25 .000000 -6.99E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 164

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.096875
-1.94E-08 .000000 -7.87E-11
-0.002057
0.50000 .000000 2.193750
-1.94E-08 .000000 -6.05E-12
-0.008227
0.75000 .000000 3.290625
-1.94E-08 .000000 6.66E-11
-0.018510
1.00000 .000000 4.387500
-1.94E-08 .000000 1.39E-10
-0.032906

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-1.94E-08 .000000 -1.51E-10
-1.68E-26
0.25000 .000000 1.096875
-1.94E-08 .000000 -7.87E-11
-0.002057
0.50000 .000000 2.193750
-1.94E-08 .000000 -6.05E-12
-0.008227
0.75000 .000000 3.290625
-1.94E-08 .000000 6.66E-11
-0.018510
1.00000 .000000 4.387500
-1.94E-08 .000000 1.39E-10
-0.032906

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.54E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.042031
0.063281 .000000 -0.000119
-0.001954
0.50000 .000000 2.084062
0.126562 .000000 -0.000475
-0.007815
0.75000 .000000 3.126094
0.189844 .000000 -0.001068
-0.017584
1.00000 .000000 4.168125
0.253125 .000000 -0.001898
-0.031261

COMB UEB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.54E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.042031
0.063281 .000000 -0.000119
-0.001954
0.50000 .000000 2.084062
0.126562 .000000 -0.000475
-0.007815
0.75000 .000000 3.126094
0.189844 .000000 -0.001068
-0.017584
1.00000 .000000 4.168125
0.253125 .000000 -0.001898
-0.031261
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 165

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 UEB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.54E-09
-3.93E-25 .000000 -6.14E-27
.000000
0.25000 .000000 1.042031
0.063281 .000000 -0.000119
-0.001954
0.50000 .000000 2.084062
0.126562 .000000 -0.000475
-0.007815
0.75000 .000000 3.126094
0.189844 .000000 -0.001068
-0.017584
1.00000 .000000 4.168125
0.253125 .000000 -0.001898
-0.031261

COMB UEB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.54E-09
-3.93E-25 .000000 -6.14E-27
.000000
0.25000 .000000 1.042031
0.063281 .000000 -0.000119
-0.001954
0.50000 .000000 2.084062
0.126562 .000000 -0.000475
-0.007815
0.75000 .000000 3.126094
0.189844 .000000 -0.001068
-0.017584
1.00000 .000000 4.168125
0.253125 .000000 -0.001898
-0.031261

COMB UEB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.54E-09
-1.86E-08 .000000 -1.46E-10
-1.62E-26
0.25000 .000000 1.042031
0.031641 .000000 -5.93E-05

-0.001954

0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

COMB UEB12 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.54E-09
-1.86E-08	.000000	-1.46E-10
-1.62E-26		
0.25000	.000000	1.042031
0.031641	.000000	-5.93E-05
-0.001954		
0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

COMB UEB13 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.54E-09
-4.58E-25	.000000	-6.64E-27
.000000		
0.25000	.000000	1.042031
0.031641	.000000	-5.93E-05
-0.001954		
0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

COMB UEB13 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.54E-09
-4.58E-25	.000000	-6.64E-27
.000000		
0.25000	.000000	1.042031
0.031641	.000000	-5.93E-05
-0.001954		
0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

FRAME ELEMENT INTERNAL FORCES

COMB UEB14 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.54E-09
-1.86E-08	.000000	-1.46E-10
-1.62E-26		
0.25000	.000000	1.042031
0.031641	.000000	-5.93E-05
-0.001954		
0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

COMB UEB14 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.54E-09
-1.86E-08	.000000	-1.46E-10
-1.62E-26		
0.25000	.000000	1.042031
0.031641	.000000	-5.93E-05
-0.001954		
0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

COMB UEB15 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.54E-09
-3.93E-25	.000000	-6.14E-27
.000000		
0.25000	.000000	1.042031
0.031641	.000000	-5.93E-05
-0.001954		
0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

COMB UEB15 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.54E-09
-3.93E-25	.000000	-6.14E-27
.000000		
0.25000	.000000	1.042031
0.031641	.000000	-5.93E-05
-0.001954		
0.50000	.000000	2.084062
0.063281	.000000	-0.000237
-0.007815		
0.75000	.000000	3.126094
0.094922	.000000	-0.000534
-0.017584		
1.00000	.000000	4.168125
0.126562	.000000	-0.000949
-0.031261		

COMB UEB16 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.14E-25	.000000	-6.46E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB UEB16 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.14E-25	.000000	-6.46E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

FRAME ELEMENT INTERNAL FORCES

COMB UEB17 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.81E-25	.000000	-6.99E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB UEB17 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.81E-25	.000000	-6.99E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB UEB18 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.35E-09
-3.72E-25	.000000	-5.82E-27
.000000		
0.25000	.000000	0.987187
0.060750	.000000	-0.000114
-0.001851		
0.50000	.000000	1.974375
0.121500	.000000	-0.000456
-0.007404		
0.75000	.000000	2.961562
0.182250	.000000	-0.001025
-0.016659		
1.00000	.000000	3.948750
0.243000	.000000	-0.001822
-0.029616		

COMB UEB18 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.35E-09
-3.72E-25	.000000	-5.82E-27
.000000		
0.25000	.000000	0.987187
0.060750	.000000	-0.000114
-0.001851		
0.50000	.000000	1.974375
0.121500	.000000	-0.000456
-0.007404		
0.75000	.000000	2.961562
0.182250	.000000	-0.001025
-0.016659		
1.00000	.000000	3.948750
0.243000	.000000	-0.001822
-0.029616		

COMB SVO01 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.65E-25	.000000	-6.87E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB SVO01 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.65E-25	.000000	-6.87E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

FRAME ELEMENT INTERNAL FORCES

COMB SVO02 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.14E-25	.000000	-6.46E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB SVO02 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-3.73E-09
-4.14E-25	.000000	-6.46E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB SVO03 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	-38.220000	-3.73E-09
-5.17E-25	.000000	-6.46E-27
-9.31E-10		
0.25000	-38.220000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	-38.220000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	-38.220000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	-38.220000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB SVO03 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	-38.220000	-3.73E-09
-5.17E-25	.000000	-6.46E-27
-9.31E-10		
0.25000	-38.220000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	-38.220000	2.193750

-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -38.220000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -38.220000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 -3.84E-09
-4.91E-25 .000000 -3.64E-27
-4.66E-10
0.25000 -19.110000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -19.110000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -19.110000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -19.110000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 -3.84E-09
-4.91E-25 .000000 -3.64E-27
-4.66E-10
0.25000 -19.110000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -19.110000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -19.110000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -19.110000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 169

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 SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 -3.84E-09
-4.39E-25 .000000 -3.23E-27
-4.66E-10
0.25000 -19.110000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -19.110000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -19.110000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -19.110000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 -3.84E-09
-4.39E-25 .000000 -3.23E-27
-4.66E-10
0.25000 -19.110000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -19.110000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -19.110000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -19.110000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -8.48E-27
2.91E-11
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -8.48E-27
2.91E-11
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.65E-25 .000000 -6.87E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 170

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -8.08E-27
2.91E-11
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -8.08E-27
2.91E-11
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 -3.73E-09
-5.17E-25 .000000 -8.08E-27
-9.02E-10
0.25000 -38.220000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -38.220000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -38.220000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -38.220000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 -3.73E-09
-5.17E-25 .000000 -8.08E-27
-9.02E-10
0.25000 -38.220000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -38.220000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -38.220000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -38.220000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 171

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 SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 -3.73E-09
-5.17E-25 .000000 -6.46E-27
-9.31E-10
0.25000 -38.220000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -38.220000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -38.220000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -38.220000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 -3.73E-09
-5.17E-25 .000000 -6.46E-27
-9.31E-10
0.25000 -38.220000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -38.220000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -38.220000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -38.220000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 -3.84E-09
-4.91E-25 .000000 -5.25E-27
-4.37E-10
0.25000 -19.110000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -19.110000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -19.110000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -19.110000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 -3.84E-09
-4.91E-25 .000000 -5.25E-27
-4.37E-10
0.25000 -19.110000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -19.110000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 -19.110000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 -19.110000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 -3.84E-09
-4.91E-25 .000000 -3.64E-27
-4.66E-10
0.25000 -19.110000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 -19.110000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227

```
 0.75000     -19.110000          3.290625
-3.99E-16        .000000          2.24E-18
-0.018510
 1.00000     -19.110000          4.387500
-5.31E-16        .000000          3.99E-18
-0.032906

 COMB      SVO13  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -19.110000          -3.84E-09
-4.91E-25        .000000          -3.64E-27
-4.66E-10
 0.25000     -19.110000          1.096875
-1.33E-16        .000000          2.49E-19
-0.002057
 0.50000     -19.110000          2.193750
-2.66E-16        .000000          9.96E-19
-0.008227
 0.75000     -19.110000          3.290625
-3.99E-16        .000000          2.24E-18
-0.018510
 1.00000     -19.110000          4.387500
-5.31E-16        .000000          3.99E-18
-0.032906
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT

                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                172

 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      SVO14  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -19.110000          -3.84E-09
-4.39E-25        .000000          -4.85E-27
-4.37E-10
 0.25000     -19.110000          1.096875
-1.33E-16        .000000          2.49E-19
-0.002057
 0.50000     -19.110000          2.193750
-2.66E-16        .000000          9.96E-19
-0.008227
 0.75000     -19.110000          3.290625
-3.99E-16        .000000          2.24E-18
-0.018510
 1.00000     -19.110000          4.387500
-5.31E-16        .000000          3.99E-18
-0.032906

 COMB      SVO14  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -19.110000          -3.84E-09
-4.39E-25        .000000          -4.85E-27
-4.37E-10
 0.25000     -19.110000          1.096875
-1.33E-16        .000000          2.49E-19
-0.002057
 0.50000     -19.110000          2.193750
-2.66E-16        .000000          9.96E-19
-0.008227
 0.75000     -19.110000          3.290625
-3.99E-16        .000000          2.24E-18
-0.018510
 1.00000     -19.110000          4.387500
-5.31E-16        .000000          3.99E-18
-0.032906

 COMB      SVO15  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -19.110000          -3.84E-09
-4.39E-25        .000000          -3.23E-27
-4.66E-10
 0.25000     -19.110000          1.096875
-1.33E-16        .000000          2.49E-19
-0.002057
 0.50000     -19.110000          2.193750
-2.66E-16        .000000          9.96E-19
-0.008227
 0.75000     -19.110000          3.290625
-3.99E-16        .000000          2.24E-18
-0.018510
 1.00000     -19.110000          4.387500
-5.31E-16        .000000          3.99E-18
-0.032906

 COMB      SVO15  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -19.110000          -3.84E-09
-4.39E-25        .000000          -3.23E-27
-4.66E-10
 0.25000     -19.110000          1.096875
-1.33E-16        .000000          2.49E-19
-0.002057
 0.50000     -19.110000          2.193750
-2.66E-16        .000000          9.96E-19
-0.008227
 0.75000     -19.110000          3.290625
-3.99E-16        .000000          2.24E-18
-0.018510
 1.00000     -19.110000          4.387500
-5.31E-16        .000000          3.99E-18
-0.032906

 COMB      ULO01  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-6.49E-25        .000000          -9.27E-27
.000000
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000        .000000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO01  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-6.49E-25        .000000          -9.27E-27
.000000
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000        .000000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT

                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                173

 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      ULO02  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-5.38E-25        .000000          -8.40E-27
.000000
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000        .000000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO02  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-5.38E-25        .000000          -8.40E-27
.000000
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000        .000000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO03  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -49.686000          -4.84E-09
-6.72E-25        .000000          -8.40E-27
-1.21E-09
 0.25000     -49.686000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000     -49.686000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000     -49.686000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000     -49.686000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO03  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -49.686000          -4.84E-09
-6.72E-25        .000000          -8.40E-27
-1.21E-09
 0.25000     -49.686000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000     -49.686000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000     -49.686000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000     -49.686000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO04  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -24.843000          -4.99E-09
-6.38E-25        .000000          -4.73E-27
-6.05E-10
 0.25000     -24.843000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000     -24.843000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000     -24.843000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000     -24.843000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO04  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -24.843000          -4.99E-09
-6.38E-25        .000000          -4.73E-27
-6.05E-10
 0.25000     -24.843000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000     -24.843000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000     -24.843000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000     -24.843000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT

                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                174

 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      ULO05  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -24.843000          -4.99E-09
-5.71E-25        .000000          -4.20E-27
-6.05E-10
 0.25000     -24.843000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000     -24.843000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000     -24.843000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000     -24.843000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO05  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000     -24.843000          -4.99E-09
-5.71E-25        .000000          -4.20E-27
-6.05E-10
 0.25000     -24.843000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000     -24.843000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000     -24.843000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000     -24.843000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO06  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-6.05E-25        .000000          -1.10E-26
3.78E-11
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000        .000000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO06  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-6.05E-25        .000000          -1.10E-26
3.78E-11
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000        .000000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO07  --------------------
MAX

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-6.05E-25        .000000          -8.93E-27
.000000
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
-0.024063
 1.00000        .000000          5.703750
-6.91E-16        .000000          5.18E-18
-0.042778

 COMB      ULO07  --------------------
MIN

 REL DIST                P               V2
V3           T          M2              M3
 0.00000        .000000          -4.84E-09
-6.05E-25        .000000          -8.93E-27
.000000
 0.25000        .000000          1.425937
-1.73E-16        .000000          3.24E-19
-0.002674
 0.50000        .000000          2.851875
-3.45E-16        .000000          1.30E-18
-0.010695
 0.75000        .000000          4.277812
-5.18E-16        .000000          2.91E-18
```

-0.024063
1.00000 .000000 5.703750
-6.91E-16 .000000 5.18E-18
-0.042778

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 ULO08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	.000000	-4.84E-09
-5.38E-25	.000000	-1.05E-26
3.78E-11		
0.25000	.000000	1.425937
-1.73E-16	.000000	3.24E-19
-0.002674		
0.50000	.000000	2.851875
-3.45E-16	.000000	1.30E-18
-0.010695		
0.75000	.000000	4.277812
-5.18E-16	.000000	2.91E-18
-0.024063		
1.00000	.000000	5.703750
-6.91E-16	.000000	5.18E-18
-0.042778		

COMB ULO08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	.000000	-4.84E-09
-5.38E-25	.000000	-1.05E-26
3.78E-11		
0.25000	.000000	1.425937
-1.73E-16	.000000	3.24E-19
-0.002674		
0.50000	.000000	2.851875
-3.45E-16	.000000	1.30E-18
-0.010695		
0.75000	.000000	4.277812
-5.18E-16	.000000	2.91E-18
-0.024063		
1.00000	.000000	5.703750
-6.91E-16	.000000	5.18E-18
-0.042778		

COMB ULO09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	.000000	-4.84E-09
-5.38E-25	.000000	-8.40E-27
.000000		
0.25000	.000000	1.425937
-1.73E-16	.000000	3.24E-19
-0.002674		
0.50000	.000000	2.851875
-3.45E-16	.000000	1.30E-18
-0.010695		
0.75000	.000000	4.277812
-5.18E-16	.000000	2.91E-18
-0.024063		
1.00000	.000000	5.703750
-6.91E-16	.000000	5.18E-18
-0.042778		

COMB ULO09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	.000000	-4.84E-09
-5.38E-25	.000000	-8.40E-27
.000000		
0.25000	.000000	1.425937
-1.73E-16	.000000	3.24E-19
-0.002674		
0.50000	.000000	2.851875
-3.45E-16	.000000	1.30E-18
-0.010695		
0.75000	.000000	4.277812
-5.18E-16	.000000	2.91E-18
-0.024063		
1.00000	.000000	5.703750
-6.91E-16	.000000	5.18E-18
-0.042778		

COMB ULO10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-47.775000	-4.66E-09
-6.46E-25	.000000	-1.01E-26
-1.13E-09		
0.25000	-47.775000	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-47.775000	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-47.775000	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-47.775000	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-47.775000	-4.66E-09
-6.46E-25	.000000	-1.01E-26
-1.13E-09		
0.25000	-47.775000	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-47.775000	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-47.775000	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-47.775000	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

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 ULO11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-47.775000	-4.66E-09
-6.46E-25	.000000	-8.08E-27
-1.16E-09		
0.25000	-47.775000	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-47.775000	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-47.775000	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-47.775000	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-47.775000	-4.66E-09
-6.46E-25	.000000	-8.08E-27
-1.16E-09		
0.25000	-47.775000	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-47.775000	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-47.775000	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-47.775000	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-6.14E-25	.000000	-6.56E-27
-5.46E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-6.14E-25	.000000	-6.56E-27
-5.46E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-6.14E-25	.000000	-4.54E-27
-5.82E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-6.14E-25	.000000	-4.54E-27
-5.82E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

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 ULO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-5.49E-25	.000000	-6.06E-27
-5.46E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-5.49E-25	.000000	-6.06E-27
-5.46E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-5.49E-25	.000000	-4.04E-27
-5.82E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-23.887500	-4.80E-09
-5.49E-25	.000000	-4.04E-27
-5.82E-10		
0.25000	-23.887500	1.371094
-1.66E-16	.000000	3.11E-19
-0.002571		
0.50000	-23.887500	2.742187
-3.32E-16	.000000	1.25E-18
-0.010283		
0.75000	-23.887500	4.113281
-4.98E-16	.000000	2.80E-18
-0.023137		
1.00000	-23.887500	5.484375
-6.64E-16	.000000	4.98E-18
-0.041133		

COMB ULO16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	.000000	-3.73E-09
-4.14E-25	.000000	-6.46E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

COMB ULO16 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	.000000	-3.73E-09
-4.14E-25	.000000	-6.46E-27
.000000		
0.25000	.000000	1.096875
-1.33E-16	.000000	2.49E-19
-0.002057		
0.50000	.000000	2.193750
-2.66E-16	.000000	9.96E-19
-0.008227		
0.75000	.000000	3.290625
-3.99E-16	.000000	2.24E-18
-0.018510		
1.00000	.000000	4.387500
-5.31E-16	.000000	3.99E-18
-0.032906		

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 ULO17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	.000000	-4.84E-09
-6.05E-25	.000000	-8.93E-27
.000000		
0.25000	.000000	1.425937

```
-1.73E-16        .000000        3.24E-19
-0.002674
 0.50000         .000000        2.851875
-3.45E-16        .000000        1.30E-18
-0.010695
 0.75000         .000000        4.277812
-5.18E-16        .000000        2.91E-18
-0.024063
 1.00000         .000000        5.703750
-6.91E-16        .000000        5.18E-18
-0.042778

 COMB      ULO17 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -4.84E-09
-6.05E-25        .000000        -8.93E-27
.000000
 0.25000         .000000        1.425937
-1.73E-16        .000000        3.24E-19
-0.002674
 0.50000         .000000        2.851875
-3.45E-16        .000000        1.30E-18
-0.010695
 0.75000         .000000        4.277812
-5.18E-16        .000000        2.91E-18
-0.024063
 1.00000         .000000        5.703750
-6.91E-16        .000000        5.18E-18
-0.042778

 COMB      ULO18 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -45.864000       -4.47E-09
-6.20E-25        .000000        -7.75E-27
-1.12E-09
 0.25000       -45.864000        1.316250
-1.59E-16        .000000        2.99E-19
-0.002468
 0.50000       -45.864000        2.632500
-3.19E-16        .000000        1.20E-18
-0.009872
 0.75000       -45.864000        3.948750
-4.78E-16        .000000        2.69E-18
-0.022212
 1.00000       -45.864000        5.265000
-6.38E-16        .000000        4.78E-18
-0.039488

 COMB      ULO18 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -45.864000       -4.47E-09
-6.20E-25        .000000        -7.75E-27
-1.12E-09
 0.25000       -45.864000        1.316250
-1.59E-16        .000000        2.99E-19
-0.002468
 0.50000       -45.864000        2.632500
-3.19E-16        .000000        1.20E-18
-0.009872
 0.75000       -45.864000        3.948750
-4.78E-16        .000000        2.69E-18
-0.022212
 1.00000       -45.864000        5.265000
-6.38E-16        .000000        4.78E-18
-0.039488

 COMB      UEO01 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-5.25E-25        .000000        -7.33E-27
.000000
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO01 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-5.25E-25        .000000        -7.33E-27
.000000
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO02 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.14E-25        .000000        -6.46E-27
.000000
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO02 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.14E-25        .000000        -6.46E-27
.000000
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO03 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -49.686000       -3.73E-09
-5.48E-25        .000000        -6.46E-27
-1.21E-09
 0.25000       -49.686000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000       -49.686000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000       -49.686000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000       -49.686000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO03 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -49.686000       -3.73E-09
-5.48E-25        .000000        -6.46E-27
-1.21E-09
 0.25000       -49.686000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000       -49.686000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000       -49.686000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000       -49.686000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO04 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -24.843000       -3.88E-09
-5.14E-25        .000000        -2.79E-27
-6.05E-10
 0.25000       -24.843000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000       -24.843000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000       -24.843000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000       -24.843000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO04 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -24.843000       -3.88E-09
-5.14E-25        .000000        -2.79E-27
-6.05E-10
 0.25000       -24.843000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000       -24.843000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000       -24.843000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000       -24.843000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO05 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -24.843000       -3.88E-09
-4.47E-25        .000000        -2.26E-27
-6.05E-10
 0.25000       -24.843000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000       -24.843000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000       -24.843000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000       -24.843000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO05 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000       -24.843000       -3.88E-09
-4.47E-25        .000000        -2.26E-27
-6.05E-10
 0.25000       -24.843000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000       -24.843000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000       -24.843000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000       -24.843000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO06 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.81E-25        .000000        -9.09E-27
3.78E-11
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO06 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.81E-25        .000000        -9.09E-27
3.78E-11
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO07 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.81E-25        .000000        -6.99E-27
.000000
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO07 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.81E-25        .000000        -6.99E-27
.000000
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO08 ----------
MAX

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.14E-25        .000000        -8.56E-27
3.78E-11
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
 0.50000         .000000        2.193750
-2.66E-16        .000000        9.96E-19
-0.008227
 0.75000         .000000        3.290625
-3.99E-16        .000000        2.24E-18
-0.018510
 1.00000         .000000        4.387500
-5.31E-16        .000000        3.99E-18
-0.032906

 COMB      UEO08 ----------
MIN

 REL DIST                P              V2
V3          T          M2             M3
 0.00000         .000000        -3.73E-09
-4.14E-25        .000000        -8.56E-27
3.78E-11
 0.25000         .000000        1.096875
-1.33E-16        .000000        2.49E-19
-0.002057
```

0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 -3.54E-09
-5.22E-25 .000000 -8.16E-27
-1.13E-09
0.25000 -47.775000 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -47.775000 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -47.775000 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -47.775000 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 -3.54E-09
-5.22E-25 .000000 -8.16E-27
-1.13E-09
0.25000 -47.775000 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -47.775000 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -47.775000 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -47.775000 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 182

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 -3.54E-09
-5.22E-25 .000000 -6.14E-27
-1.16E-09
0.25000 -47.775000 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -47.775000 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -47.775000 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -47.775000 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 -3.54E-09
-5.22E-25 .000000 -6.14E-27
-1.16E-09
0.25000 -47.775000 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -47.775000 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -47.775000 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -47.775000 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.90E-25 .000000 -4.62E-27
-5.46E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.90E-25 .000000 -4.62E-27
-5.46E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.90E-25 .000000 -2.61E-27
-5.82E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.90E-25 .000000 -2.61E-27
-5.82E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 183

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.25E-25 .000000 -4.12E-27
-5.46E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.25E-25 .000000 -4.12E-27
-5.46E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.25E-25 .000000 -2.10E-27
-5.82E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 -3.68E-09
-4.25E-25 .000000 -2.10E-27
-5.82E-10
0.25000 -23.887500 1.042031
-1.26E-16 .000000 2.37E-19
-0.001954
0.50000 -23.887500 2.084062
-2.52E-16 .000000 9.46E-19
-0.007815
0.75000 -23.887500 3.126094
-3.79E-16 .000000 2.13E-18
-0.017584
1.00000 -23.887500 4.168125
-5.05E-16 .000000 3.79E-18
-0.031261

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.14E-25 .000000 -6.46E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906
Program SAP2000 Nonlinear Version 7.42
File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 184

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.81E-25 .000000 -6.99E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -3.73E-09
-4.81E-25 .000000 -6.99E-27
.000000
0.25000 .000000 1.096875
-1.33E-16 .000000 2.49E-19
-0.002057
0.50000 .000000 2.193750
-2.66E-16 .000000 9.96E-19
-0.008227
0.75000 .000000 3.290625
-3.99E-16 .000000 2.24E-18
-0.018510
1.00000 .000000 4.387500
-5.31E-16 .000000 3.99E-18
-0.032906

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -45.864000 -3.35E-09
-4.96E-25 .000000 -5.82E-27
-1.12E-09
0.25000 -45.864000 0.987187
-1.20E-16 .000000 2.24E-19
-0.001851
0.50000 -45.864000 1.974375
-2.39E-16 .000000 8.97E-19

```
-0.007404
 0.75000     -45.864000      2.961562
-3.59E-16      .000000      2.02E-18
-0.016659
 1.00000     -45.864000      3.948750
-4.78E-16      .000000      3.59E-18
-0.029616

 COMB     UEO18 --------------------
MIN

 REL DIST             P             V2
V3           T          M2          M3
 0.00000     -45.864000     -3.35E-09
-4.96E-25      .000000     -5.82E-27
-1.12E-09
 0.25000     -45.864000      0.987187
-1.20E-16      .000000      2.24E-19
-0.001851
 0.50000     -45.864000      1.974375
-2.39E-16      .000000      8.97E-19
-0.007404
 0.75000     -45.864000      2.961562
-3.59E-16      .000000      2.02E-18
-0.016659
 1.00000     -45.864000      3.948750
-4.78E-16      .000000      3.59E-18
-0.029616

 COMB   ENVBULT --------------------
MAX

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -4.84E-09
-6.49E-25      .000000     -9.27E-27
.000000
 0.25000      .000000      1.425937
-1.73E-16      .000000      3.24E-19
-0.002674
 0.50000      .000000      2.851875
-3.45E-16      .000000      1.30E-18
-0.010695
 0.75000      .000000      4.277812
-5.18E-16      .000000      2.91E-18
-0.024063
 1.00000      .000000      5.703750
-6.91E-16      .000000      5.18E-18
-0.042778

 COMB   ENVBULT --------------------
MIN

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -4.84E-09
-6.49E-25      .000000     -9.27E-27
.000000
 0.25000      .000000      1.425937
-1.73E-16      .000000      3.24E-19
-0.002674
 0.50000      .000000      2.851875
-3.45E-16      .000000      1.30E-18
-0.010695
 0.75000      .000000      4.277812
-5.18E-16      .000000      2.91E-18
-0.024063
 1.00000      .000000      5.703750
-6.91E-16      .000000      5.18E-18
-0.042778
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT


                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                              185

 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   ENVBECC --------------------
MAX

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -3.73E-09
-4.14E-25      .000000     -6.46E-27
.000000
 0.25000      .000000      1.096875
-1.33E-16      .000000      2.49E-19
-0.002057
 0.50000      .000000      2.193750
-2.66E-16      .000000      9.96E-19
-0.008227
 0.75000      .000000      3.290625
-3.99E-16      .000000      2.24E-18
-0.018510
 1.00000      .000000      4.387500
-5.31E-16      .000000      3.99E-18
-0.032906

 COMB   ENVBECC --------------------
MIN

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -3.73E-09
-5.25E-25      .000000     -7.33E-27
.000000
 0.25000      .000000      1.096875
-1.33E-16      .000000      2.49E-19
-0.002057
 0.50000      .000000      2.193750
-2.66E-16      .000000      9.96E-19
-0.008227
 0.75000      .000000      3.290625
-3.99E-16      .000000      2.24E-18
-0.018510
 1.00000      .000000      4.387500
-5.31E-16      .000000      3.99E-18
-0.032906

 COMB   ENVOULT --------------------
MAX

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -4.84E-09
-6.49E-25      .000000     -9.27E-27
.000000
 0.25000      .000000      1.425937
-1.73E-16      .000000      3.24E-19
-0.002674
 0.50000      .000000      2.851875
-3.45E-16      .000000      1.30E-18
-0.010695
 0.75000      .000000      4.277812
-5.18E-16      .000000      2.91E-18
-0.024063
 1.00000      .000000      5.703750
-6.91E-16      .000000      5.18E-18
-0.042778

 COMB   ENVOULT --------------------
MIN

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -4.84E-09
-6.49E-25      .000000     -9.27E-27
.000000
 0.25000      .000000      1.425937
-1.73E-16      .000000      3.24E-19
-0.002674
 0.50000      .000000      2.851875
-3.45E-16      .000000      1.30E-18
-0.010695
 0.75000      .000000      4.277812
-5.18E-16      .000000      2.91E-18
-0.024063
 1.00000      .000000      5.703750
-6.91E-16      .000000      5.18E-18
-0.042778

 COMB   ENVOECC --------------------
MAX

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -3.73E-09
-4.14E-25      .000000     -6.46E-27
.000000
 0.25000      .000000      1.096875
-1.33E-16      .000000      2.49E-19
-0.002057
 0.50000      .000000      2.193750
-2.66E-16      .000000      9.96E-19
-0.008227
 0.75000      .000000      3.290625
-3.99E-16      .000000      2.24E-18
-0.018510
 1.00000      .000000      4.387500
-5.31E-16      .000000      3.99E-18
-0.032906

 COMB   ENVOECC --------------------
MIN

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000     -3.73E-09
-5.25E-25      .000000     -7.33E-27
.000000
 0.25000      .000000      1.096875
-1.33E-16      .000000      2.49E-19
-0.002057
 0.50000      .000000      2.193750
-2.66E-16      .000000      9.96E-19
-0.008227
 0.75000      .000000      3.290625
-3.99E-16      .000000      2.24E-18
-0.018510
 1.00000      .000000      4.387500
-5.31E-16      .000000      3.99E-18
-0.032906
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT


                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                              186

 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          2 ==================
LENGTH =     1.585000

 LOAD      D --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000     -7.28E-12      4.387500
-5.31E-16      2.22E-31      3.99E-18
-0.032906
 0.25000     -7.28E-12      120.290625
-1.46E-14      2.22E-31      3.00E-15
-24.734760
 0.50000     -7.28E-12      236.193750
-2.86E-14      2.22E-31      1.15E-14
-95.363227
 0.75000     -7.28E-12      352.096875
-4.26E-14      2.22E-31      2.57E-14
-211.918307
 1.00000     -7.28E-12      468.000000
-5.67E-14      2.22E-31      4.53E-14
-374.400000

 LOAD      L1 --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000     -5.68E-14      .000000
.000000      9.63E-34     -5.17E-26
.000000
 0.25000     -5.68E-14      .000000
.000000      9.63E-34     -5.17E-26
.000000
 0.50000     -5.68E-14      .000000
.000000      9.63E-34     -5.17E-26
.000000
 0.75000     -5.68E-14      .000000
.000000      9.63E-34     -5.17E-26
.000000
 1.00000     -5.68E-14      .000000
.000000      9.63E-34     -5.17E-26
.000000

 LOAD     W-LO --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000     -1.58E-30      2.45E-17
0.202500      1.16E-09     -0.001519
-1.84E-19
 0.25000     -1.58E-30      6.72E-16
5.551875      1.16E-09     -1.141604
-1.38E-16
 0.50000     -1.58E-30      1.32E-15
10.901250     1.16E-09     -4.401380
-5.33E-16
 0.75000     -1.58E-30      1.97E-15
16.250625     1.16E-09     -9.780845
-1.18E-15
 1.00000     -1.58E-30      2.62E-15
21.600000     1.16E-09     -17.280000
-2.09E-15

 LOAD    G-LO1 --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      9.40E-38      .000000
2.98E-08      4.66E-10      1.49E-08
1.65E-24
 0.25000      9.40E-38      .000000
2.98E-08      4.66E-10      3.09E-09
1.65E-24
 0.50000      9.40E-38      .000000
2.98E-08      4.66E-10     -8.72E-09
1.65E-24
 0.75000      9.40E-38      .000000
2.98E-08      4.66E-10     -2.05E-08
1.65E-24
 1.00000      9.40E-38      .000000
2.98E-08      4.66E-10     -3.23E-08
1.65E-24

 LOAD     E-LO --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000      .000000
.000000      .000000      .000000
.000000
 0.25000      .000000      .000000
.000000      .000000      .000000
.000000
 0.50000      .000000      .000000
.000000      .000000      .000000
.000000
 0.75000      .000000      .000000
.000000      .000000      .000000
.000000
 1.00000      .000000      .000000
.000000      .000000      .000000
.000000

 LOAD     W-TR --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000     -38.220000      .000000
.000000      -3.79E-29      .000000
-1.86E-09
 0.25000     -38.220000      .000000
.000000      -3.79E-29      .000000
-1.86E-09
 0.50000     -38.220000      .000000
.000000      -3.79E-29      .000000
-1.86E-09
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT


                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                              187

 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     -38.220000      .000000
.000000      -3.79E-29      .000000
-1.86E-09
 1.00000     -38.220000      .000000
.000000      -3.79E-29      .000000
-1.86E-09

 LOAD      WL --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000     -5.82E-11      .000000
.000000      -3.55E-30     -6.46E-27
-1.75E-10
 0.25000     -5.82E-11      .000000
.000000      -3.55E-30     -6.46E-27
-1.75E-10
 0.50000     -5.82E-11      .000000
.000000      -3.55E-30     -6.46E-27
-1.75E-10
 0.75000     -5.82E-11      .000000
.000000      -3.55E-30     -6.46E-27
-1.75E-10
 1.00000     -5.82E-11      .000000
.000000      -3.55E-30     -6.46E-27
-1.75E-10

 LOAD     G-TR --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      2.91E-11      3.64E-12
8.08E-28     -3.70E-32      .000000
3.46E-11
 0.25000      2.91E-11      3.64E-12
8.08E-28     -3.70E-32     -3.20E-28
3.31E-11
 0.50000      2.91E-11      3.64E-12
8.08E-28     -3.70E-32     -6.40E-28
3.17E-11
 0.75000      2.91E-11      3.64E-12
8.08E-28     -3.70E-32     -9.60E-28
3.02E-11
 1.00000      2.91E-11      3.64E-12
8.08E-28     -3.70E-32     -1.28E-27
2.88E-11

 LOAD     E-TR --------------------

 REL DIST             P             V2
V3           T          M2          M3
 0.00000      .000000      .000000
.000000      .000000      .000000
.000000
 0.25000      .000000      .000000
.000000      .000000      .000000
.000000
 0.50000      .000000      .000000
.000000      .000000      .000000
.000000
 0.75000      .000000      .000000
.000000      .000000      .000000
.000000
 1.00000      .000000      .000000
.000000      .000000      .000000
.000000

 COMB     SVB01 --------------------
MAX

 REL DIST             P             V2
V3           T          M2          M3
 0.00000     -7.33E-12      4.387500
-5.31E-16      2.23E-31      3.99E-18
-0.032906
 0.25000     -7.33E-12      120.290625
-1.46E-14      2.23E-31      3.00E-15
-24.734760
 0.50000     -7.33E-12      236.193750
-2.86E-14      2.23E-31      1.15E-14
-95.363227
 0.75000     -7.33E-12      352.096875
-4.26E-14      2.23E-31      2.57E-14
-211.918307
 1.00000     -7.33E-12      468.000000
```

-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.33E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.33E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.33E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.33E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 188

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 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.202500 1.16E-09 -0.001519
-0.032906
0.25000 -7.28E-12 120.290625
5.551875 1.16E-09 -1.141604
-24.734760
0.50000 -7.28E-12 236.193750
10.901250 1.16E-09 -4.401380
-95.363227
0.75000 -7.28E-12 352.096875
16.250625 1.16E-09 -9.780845
-211.918307
1.00000 -7.28E-12 468.000000
21.600000 1.16E-09 -17.280000
-374.400000

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.202500 1.16E-09 -0.001519
-0.032906
0.25000 -7.28E-12 120.290625
5.551875 1.16E-09 -1.141604
-24.734760
0.50000 -7.28E-12 236.193750
10.901250 1.16E-09 -4.401380
-95.363227
0.75000 -7.28E-12 352.096875
16.250625 1.16E-09 -9.780845
-211.918307
1.00000 -7.28E-12 468.000000
21.600000 1.16E-09 -17.280000
-374.400000

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
0.101250 5.82E-10 -0.000759
-0.032906
0.25000 -7.33E-12 120.290625
2.775938 5.82E-10 -0.570802
-24.734760
0.50000 -7.33E-12 236.193750
5.450625 5.82E-10 -2.200690
-95.363227
0.75000 -7.33E-12 352.096875
8.125313 5.82E-10 -4.890422
-211.918307
1.00000 -7.33E-12 468.000000
10.800000 5.82E-10 -8.640000
-374.400000

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
0.101250 5.82E-10 -0.000759
-0.032906
0.25000 -7.33E-12 120.290625
2.775938 5.82E-10 -0.570802
-24.734760
0.50000 -7.33E-12 236.193750
5.450625 5.82E-10 -2.200690
-95.363227
0.75000 -7.33E-12 352.096875
8.125313 5.82E-10 -4.890422
-211.918307
1.00000 -7.33E-12 468.000000
10.800000 5.82E-10 -8.640000
-374.400000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 189

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 SVB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.101250 5.82E-10 -0.000759
-0.032906
0.25000 -7.28E-12 120.290625
2.775938 5.82E-10 -0.570802
-24.734760
0.50000 -7.28E-12 236.193750
5.450625 5.82E-10 -2.200690
-95.363227
0.75000 -7.28E-12 352.096875
8.125313 5.82E-10 -4.890422
-211.918307
1.00000 -7.28E-12 468.000000
10.800000 5.82E-10 -8.640000
-374.400000

COMB SVB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.101250 5.82E-10 -0.000759
-0.032906
0.25000 -7.28E-12 120.290625
2.775938 5.82E-10 -0.570802
-24.734760
0.50000 -7.28E-12 236.193750
5.450625 5.82E-10 -2.200690
-95.363227
0.75000 -7.28E-12 352.096875
8.125313 5.82E-10 -4.890422
-211.918307
1.00000 -7.28E-12 468.000000
10.800000 5.82E-10 -8.640000
-374.400000

COMB SVB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
2.98E-08 4.66E-10 1.49E-08
-0.032906
0.25000 -7.33E-12 120.290625
2.98E-08 4.66E-10 3.09E-09
-24.734760
0.50000 -7.33E-12 236.193750
2.98E-08 4.66E-10 -8.72E-09
-95.363227
0.75000 -7.33E-12 352.096875
2.98E-08 4.66E-10 -2.05E-08
-211.918307
1.00000 -7.33E-12 468.000000
2.98E-08 4.66E-10 -3.23E-08
-374.400000

COMB SVB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
2.98E-08 4.66E-10 1.49E-08
-0.032906
0.25000 -7.33E-12 120.290625
2.98E-08 4.66E-10 3.09E-09
-24.734760
0.50000 -7.33E-12 236.193750
2.98E-08 4.66E-10 -8.72E-09
-95.363227
0.75000 -7.33E-12 352.096875
2.98E-08 4.66E-10 -2.05E-08
-211.918307
1.00000 -7.33E-12 468.000000
2.98E-08 4.66E-10 -3.23E-08
-374.400000

COMB SVB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.33E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.33E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.33E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.33E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.33E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.33E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.33E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.33E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 190

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 SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
2.98E-08 4.66E-10 1.49E-08
-0.032906
0.25000 -7.28E-12 120.290625
2.98E-08 4.66E-10 3.09E-09
-24.734760
0.50000 -7.28E-12 236.193750
2.98E-08 4.66E-10 -8.72E-09
-95.363227
0.75000 -7.28E-12 352.096875
2.98E-08 4.66E-10 -2.05E-08
-211.918307
1.00000 -7.28E-12 468.000000
2.98E-08 4.66E-10 -3.23E-08
-374.400000

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
2.98E-08 4.66E-10 1.49E-08
-0.032906
0.25000 -7.28E-12 120.290625
2.98E-08 4.66E-10 3.09E-09
-24.734760
0.50000 -7.28E-12 236.193750
2.98E-08 4.66E-10 -8.72E-09
-95.363227
0.75000 -7.28E-12 352.096875
2.98E-08 4.66E-10 -2.05E-08
-211.918307
1.00000 -7.28E-12 468.000000
2.98E-08 4.66E-10 -3.23E-08
-374.400000

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.202500 1.63E-09 -0.001519
-0.032906
0.25000 -7.28E-12 120.290625
5.551875 1.63E-09 -1.141604
-24.734760
0.50000 -7.28E-12 236.193750
10.901250 1.63E-09 -4.401380
-95.363227
0.75000 -7.28E-12 352.096875
16.250625 1.63E-09 -9.780845
-211.918307
1.00000 -7.28E-12 468.000000
21.600000 1.63E-09 -17.280000
-374.400000

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.202500 1.63E-09 -0.001519
-0.032906
0.25000 -7.28E-12 120.290625
5.551875 1.63E-09 -1.141604
-24.734760
0.50000 -7.28E-12 236.193750
10.901250 1.63E-09 -4.401380
-95.363227
0.75000 -7.28E-12 352.096875
16.250625 1.63E-09 -9.780845
-211.918307

1.00000 -7.28E-12 468.000000
21.600000 1.63E-09 -17.280000
-374.400000

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 SVB11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.28E-12	4.387500
0.202500	1.16E-09	-0.001519
-0.032906		
0.25000	-7.28E-12	120.290625
5.551875	1.16E-09	-1.141604
-24.734760		
0.50000	-7.28E-12	236.193750
10.901250	1.16E-09	-4.401380
-95.363227		
0.75000	-7.28E-12	352.096875
16.250625	1.16E-09	-9.780845
-211.918307		
1.00000	-7.28E-12	468.000000
21.600000	1.16E-09	-17.280000
-374.400000		

COMB SVB11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.28E-12	4.387500
0.202500	1.16E-09	-0.001519
-0.032906		
0.25000	-7.28E-12	120.290625
5.551875	1.16E-09	-1.141604
-24.734760		
0.50000	-7.28E-12	236.193750
10.901250	1.16E-09	-4.401380
-95.363227		
0.75000	-7.28E-12	352.096875
16.250625	1.16E-09	-9.780845
-211.918307		
1.00000	-7.28E-12	468.000000
21.600000	1.16E-09	-17.280000
-374.400000		

COMB SVB12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.33E-12	4.387500
0.101250	1.05E-09	-0.000759
-0.032906		
0.25000	-7.33E-12	120.290625
2.775938	1.05E-09	-0.570802
-24.734760		
0.50000	-7.33E-12	236.193750
5.450625	1.05E-09	-2.200690
-95.363227		
0.75000	-7.33E-12	352.096875
8.125313	1.05E-09	-4.890422
-211.918307		
1.00000	-7.33E-12	468.000000
10.800000	1.05E-09	-8.640000
-374.400000		

COMB SVB12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.33E-12	4.387500
0.101250	1.05E-09	-0.000759
-0.032906		
0.25000	-7.33E-12	120.290625
2.775938	1.05E-09	-0.570802
-24.734760		
0.50000	-7.33E-12	236.193750
5.450625	1.05E-09	-2.200690
-95.363227		
0.75000	-7.33E-12	352.096875
8.125313	1.05E-09	-4.890422
-211.918307		
1.00000	-7.33E-12	468.000000
10.800000	1.05E-09	-8.640000
-374.400000		

COMB SVB13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.33E-12	4.387500
0.101250	5.82E-10	-0.000759
-0.032906		
0.25000	-7.33E-12	120.290625
2.775938	5.82E-10	-0.570802
-24.734760		
0.50000	-7.33E-12	236.193750
5.450625	5.82E-10	-2.200690
-95.363227		
0.75000	-7.33E-12	352.096875
8.125313	5.82E-10	-4.890422
-211.918307		
1.00000	-7.33E-12	468.000000
10.800000	5.82E-10	-8.640000
-374.400000		

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 SVB14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.28E-12	4.387500
0.101250	1.05E-09	-0.000759
-0.032906		
0.25000	-7.28E-12	120.290625
2.775938	1.05E-09	-0.570802
-24.734760		
0.50000	-7.28E-12	236.193750
5.450625	1.05E-09	-2.200690
-95.363227		
0.75000	-7.28E-12	352.096875
8.125313	1.05E-09	-4.890422
-211.918307		
1.00000	-7.28E-12	468.000000
10.800000	1.05E-09	-8.640000
-374.400000		

COMB SVB14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.28E-12	4.387500
0.101250	1.05E-09	-0.000759
-0.032906		
0.25000	-7.28E-12	120.290625
2.775938	1.05E-09	-0.570802
-24.734760		
0.50000	-7.28E-12	236.193750
5.450625	1.05E-09	-2.200690
-95.363227		
0.75000	-7.28E-12	352.096875
8.125313	1.05E-09	-4.890422
-211.918307		
1.00000	-7.28E-12	468.000000
10.800000	1.05E-09	-8.640000
-374.400000		

COMB SVB15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.28E-12	4.387500
0.101250	5.82E-10	-0.000759
-0.032906		
0.25000	-7.28E-12	120.290625
2.775938	5.82E-10	-0.570802
-24.734760		
0.50000	-7.28E-12	236.193750
5.450625	5.82E-10	-2.200690
-95.363227		
0.75000	-7.28E-12	352.096875
8.125313	5.82E-10	-4.890422
-211.918307		
1.00000	-7.28E-12	468.000000
10.800000	5.82E-10	-8.640000
-374.400000		

COMB SVB15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.28E-12	4.387500
0.101250	5.82E-10	-0.000759
-0.032906		
0.25000	-7.28E-12	120.290625
2.775938	5.82E-10	-0.570802
-24.734760		
0.50000	-7.28E-12	236.193750
5.450625	5.82E-10	-2.200690
-95.363227		
0.75000	-7.28E-12	352.096875
8.125313	5.82E-10	-4.890422
-211.918307		
1.00000	-7.28E-12	468.000000
10.800000	5.82E-10	-8.640000
-374.400000		

COMB ULB01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.58E-12	5.703750
-6.91E-16	2.90E-31	5.18E-18
-0.042778		
0.25000	-9.58E-12	156.377812
-1.89E-14	2.90E-31	3.89E-15
-32.155188		
0.50000	-9.58E-12	307.051875
-3.72E-14	2.90E-31	1.50E-14
-123.972195		
0.75000	-9.58E-12	457.725937
-5.54E-14	2.90E-31	3.34E-14
-275.493799		
1.00000	-9.58E-12	608.400000
-7.37E-14	2.90E-31	5.89E-14
-486.720000		

COMB ULB01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.58E-12	5.703750
-6.91E-16	2.90E-31	5.18E-18
-0.042778		
0.25000	-9.58E-12	156.377812
-1.89E-14	2.90E-31	3.89E-15
-32.155188		
0.50000	-9.58E-12	307.051875
-3.72E-14	2.90E-31	1.50E-14
-123.972195		
0.75000	-9.58E-12	457.725937
-5.54E-14	2.90E-31	3.34E-14
-275.493799		
1.00000	-9.58E-12	608.400000
-7.37E-14	2.90E-31	5.89E-14
-486.720000		

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 ULB02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
-6.91E-16	2.88E-31	5.18E-18
-0.042778		
0.25000	-9.46E-12	156.377812
-1.89E-14	2.88E-31	3.89E-15
-32.155188		
0.50000	-9.46E-12	307.051875
-3.72E-14	2.88E-31	1.50E-14
-123.972195		
0.75000	-9.46E-12	457.725937
-5.54E-14	2.88E-31	3.34E-14
-275.493799		
1.00000	-9.46E-12	608.400000
-7.37E-14	2.88E-31	5.89E-14
-486.720000		

COMB ULB02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
-6.91E-16	2.88E-31	5.18E-18
-0.042778		
0.25000	-9.46E-12	156.377812
-1.89E-14	2.88E-31	3.89E-15
-32.155188		
0.50000	-9.46E-12	307.051875
-3.72E-14	2.88E-31	1.50E-14
-123.972195		
0.75000	-9.46E-12	457.725937
-5.54E-14	2.88E-31	3.34E-14
-275.493799		
1.00000	-9.46E-12	608.400000
-7.37E-14	2.88E-31	5.89E-14
-486.720000		

COMB ULB03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
0.263250	1.51E-09	-0.001974
-0.042778		
0.25000	-9.46E-12	156.377812
7.217438	1.51E-09	-1.484086
-32.155188		
0.50000	-9.46E-12	307.051875
14.171625	1.51E-09	-5.721794
-123.972195		
0.75000	-9.46E-12	457.725937
21.125813	1.51E-09	-12.715098
-275.493799		
1.00000	-9.46E-12	608.400000
28.080000	1.51E-09	-22.464000
-486.720000		

COMB ULB03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
0.263250	1.51E-09	-0.001974
-0.042778		
0.25000	-9.46E-12	156.377812
7.217438	1.51E-09	-1.484086
-32.155188		
0.50000	-9.46E-12	307.051875
14.171625	1.51E-09	-5.721794
-123.972195		
0.75000	-9.46E-12	457.725937
21.125813	1.51E-09	-12.715098
-275.493799		
1.00000	-9.46E-12	608.400000
28.080000	1.51E-09	-22.464000
-486.720000		

COMB ULB04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.53E-12	5.703750
0.131625	7.57E-10	-0.000987
-0.042778		
0.25000	-9.53E-12	156.377812
3.608719	7.57E-10	-0.742043
-32.155188		
0.50000	-9.53E-12	307.051875
7.085813	7.57E-10	-2.860897
-123.972195		
0.75000	-9.53E-12	457.725937
10.562906	7.57E-10	-6.357549
-275.493799		
1.00000	-9.53E-12	608.400000
14.040000	7.57E-10	-11.232000
-486.720000		

COMB ULB04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.53E-12	5.703750
0.131625	7.57E-10	-0.000987
-0.042778		
0.25000	-9.53E-12	156.377812
3.608719	7.57E-10	-0.742043
-32.155188		
0.50000	-9.53E-12	307.051875
7.085813	7.57E-10	-2.860897
-123.972195		
0.75000	-9.53E-12	457.725937
10.562906	7.57E-10	-6.357549
-275.493799		
1.00000	-9.53E-12	608.400000
14.040000	7.57E-10	-11.232000
-486.720000		

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 ULB05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
0.131625	7.57E-10	-0.000987
-0.042778		
0.25000	-9.46E-12	156.377812
3.608719	7.57E-10	-0.742043

-32.155188
0.50000 -9.46E-12 307.051875
7.085813 7.57E-10 -2.860897
-123.972195
0.75000 -9.46E-12 457.725937
10.562906 7.57E-10 -6.357549
-275.493799
1.00000 -9.46E-12 608.400000
14.040000 7.57E-10 -11.232000
-486.720000

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 5.703750
0.131625 7.57E-10 -0.000987
-0.042778
0.25000 -9.46E-12 156.377812
3.608719 7.57E-10 -0.742043
-32.155188
0.50000 -9.46E-12 307.051875
7.085813 7.57E-10 -2.860897
-123.972195
0.75000 -9.46E-12 457.725937
10.562906 7.57E-10 -6.357549
-275.493799
1.00000 -9.46E-12 608.400000
14.040000 7.57E-10 -11.232000
-486.720000

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
3.87E-08 6.05E-10 1.94E-08
-0.042778
0.25000 -9.53E-12 156.377812
3.87E-08 6.05E-10 4.02E-09
-32.155188
0.50000 -9.53E-12 307.051875
3.87E-08 6.05E-10 -1.13E-08
-123.972195
0.75000 -9.53E-12 457.725937
3.87E-08 6.05E-10 -2.67E-08
-275.493799
1.00000 -9.53E-12 608.400000
3.87E-08 6.05E-10 -4.20E-08
-486.720000

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
3.87E-08 6.05E-10 1.94E-08
-0.042778
0.25000 -9.53E-12 156.377812
3.87E-08 6.05E-10 4.02E-09
-32.155188
0.50000 -9.53E-12 307.051875
3.87E-08 6.05E-10 -1.13E-08
-123.972195
0.75000 -9.53E-12 457.725937
3.87E-08 6.05E-10 -2.67E-08
-275.493799
1.00000 -9.53E-12 608.400000
3.87E-08 6.05E-10 -4.20E-08
-486.720000

COMB ULB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.53E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.53E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.53E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.53E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ULB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.53E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.53E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.53E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.53E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 195

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 ULB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 5.703750
3.87E-08 6.05E-10 1.94E-08
-0.042778
0.25000 -9.46E-12 156.377812
3.87E-08 6.05E-10 4.02E-09
-32.155188
0.50000 -9.46E-12 307.051875
3.87E-08 6.05E-10 -1.13E-08
-123.972195
0.75000 -9.46E-12 457.725937
3.87E-08 6.05E-10 -2.67E-08
-275.493799
1.00000 -9.46E-12 608.400000
3.87E-08 6.05E-10 -4.20E-08
-486.720000

COMB ULB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 5.703750
3.87E-08 6.05E-10 1.94E-08
-0.042778
0.25000 -9.46E-12 156.377812
3.87E-08 6.05E-10 4.02E-09
-32.155188
0.50000 -9.46E-12 307.051875
3.87E-08 6.05E-10 -1.13E-08
-123.972195
0.75000 -9.46E-12 457.725937
3.87E-08 6.05E-10 -2.67E-08
-275.493799
1.00000 -9.46E-12 608.400000
3.87E-08 6.05E-10 -4.20E-08
-486.720000

COMB ULB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 5.703750
-6.91E-16 2.88E-31 5.18E-18
-0.042778
0.25000 -9.46E-12 156.377812
-1.89E-14 2.88E-31 3.89E-15
-32.155188
0.50000 -9.46E-12 307.051875
-3.72E-14 2.88E-31 1.50E-14
-123.972195
0.75000 -9.46E-12 457.725937
-5.54E-14 2.88E-31 3.34E-14
-275.493799
1.00000 -9.46E-12 608.400000
-7.37E-14 2.88E-31 5.89E-14
-486.720000

COMB ULB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 5.703750
-6.91E-16 2.88E-31 5.18E-18
-0.042778
0.25000 -9.46E-12 156.377812
-1.89E-14 2.88E-31 3.89E-15
-32.155188
0.50000 -9.46E-12 307.051875
-3.72E-14 2.88E-31 1.50E-14
-123.972195
0.75000 -9.46E-12 457.725937
-5.54E-14 2.88E-31 3.34E-14
-275.493799
1.00000 -9.46E-12 608.400000
-7.37E-14 2.88E-31 5.89E-14
-486.720000

COMB ULB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.253125 2.04E-09 -0.001898
-0.041133
0.25000 -9.09E-12 150.363281
6.939844 2.04E-09 -1.427005
-30.918450
0.50000 -9.09E-12 295.242187
13.626563 2.04E-09 -5.501725
-119.204033
0.75000 -9.09E-12 440.121094
20.313281 2.04E-09 -12.226056
-264.897883
1.00000 -9.09E-12 585.000000
27.000000 2.04E-09 -21.600000
-468.000000

COMB ULB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.253125 2.04E-09 -0.001898
-0.041133
0.25000 -9.09E-12 150.363281
6.939844 2.04E-09 -1.427005
-30.918450
0.50000 -9.09E-12 295.242187
13.626563 2.04E-09 -5.501725
-119.204033
0.75000 -9.09E-12 440.121094
20.313281 2.04E-09 -12.226056
-264.897883
1.00000 -9.09E-12 585.000000
27.000000 2.04E-09 -21.600000
-468.000000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 196

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 ULB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.253125 1.46E-09 -0.001898
-0.041133
0.25000 -9.09E-12 150.363281
6.939844 1.46E-09 -1.427005
-30.918450
0.50000 -9.09E-12 295.242187
13.626563 1.46E-09 -5.501725
-119.204033
0.75000 -9.09E-12 440.121094
20.313281 1.46E-09 -12.226056
-264.897883
1.00000 -9.09E-12 585.000000
27.000000 1.46E-09 -21.600000
-468.000000

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.253125 1.46E-09 -0.001898
-0.041133
0.25000 -9.09E-12 150.363281
6.939844 1.46E-09 -1.427005
-30.918450
0.50000 -9.09E-12 295.242187
13.626563 1.46E-09 -5.501725
-119.204033
0.75000 -9.09E-12 440.121094
20.313281 1.46E-09 -12.226056
-264.897883
1.00000 -9.09E-12 585.000000
27.000000 1.46E-09 -21.600000
-468.000000

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.17E-12 5.484375
0.126563 1.31E-09 -0.000949
-0.041133
0.25000 -9.17E-12 150.363281
3.469922 1.31E-09 -0.713503
-30.918450
0.50000 -9.17E-12 295.242187
6.813281 1.31E-09 -2.750862
-119.204033
0.75000 -9.17E-12 440.121094
10.156641 1.31E-09 -6.113028
-264.897883
1.00000 -9.17E-12 585.000000
13.500000 1.31E-09 -10.800000
-468.000000

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.17E-12 5.484375
0.126563 1.31E-09 -0.000949
-0.041133
0.25000 -9.17E-12 150.363281
3.469922 1.31E-09 -0.713503
-30.918450
0.50000 -9.17E-12 295.242187
6.813281 1.31E-09 -2.750862
-119.204033
0.75000 -9.17E-12 440.121094
10.156641 1.31E-09 -6.113028
-264.897883
1.00000 -9.17E-12 585.000000
13.500000 1.31E-09 -10.800000
-468.000000

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.17E-12 5.484375
0.126563 7.28E-10 -0.000949
-0.041133
0.25000 -9.17E-12 150.363281
3.469922 7.28E-10 -0.713503
-30.918450
0.50000 -9.17E-12 295.242187
6.813281 7.28E-10 -2.750862
-119.204033
0.75000 -9.17E-12 440.121094
10.156641 7.28E-10 -6.113028
-264.897883
1.00000 -9.17E-12 585.000000
13.500000 7.28E-10 -10.800000
-468.000000

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.17E-12 5.484375
0.126563 7.28E-10 -0.000949
-0.041133
0.25000 -9.17E-12 150.363281
3.469922 7.28E-10 -0.713503
-30.918450
0.50000 -9.17E-12 295.242187
6.813281 7.28E-10 -2.750862
-119.204033
0.75000 -9.17E-12 440.121094
10.156641 7.28E-10 -6.113028
-264.897883
1.00000 -9.17E-12 585.000000
13.500000 7.28E-10 -10.800000
-468.000000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 197

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 ULB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.126563 1.31E-09 -0.000949
-0.041133
0.25000 -9.09E-12 150.363281
3.469922 1.31E-09 -0.713503
-30.918450
0.50000 -9.09E-12 295.242187
6.813281 1.31E-09 -2.750862
-119.204033
0.75000 -9.09E-12 440.121094
10.156641 1.31E-09 -6.113028
-264.897883
1.00000 -9.09E-12 585.000000
13.500000 1.31E-09 -10.800000
-468.000000

COMB ULB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.126563 1.31E-09 -0.000949
-0.041133
0.25000 -9.09E-12 150.363281
3.469922 1.31E-09 -0.713503
-30.918450
0.50000 -9.09E-12 295.242187

6.813281 1.31E-09 -2.750862
-119.204033
0.75000 -9.09E-12 440.121094
10.156641 1.31E-09 -6.113028
-264.897883
1.00000 -9.09E-12 585.000000
13.500000 1.31E-09 -10.800000
-468.000000

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.126563 7.28E-10 -0.000949
-0.041133
0.25000 -9.09E-12 150.363281
3.469922 7.28E-10 -0.713503
-30.918450
0.50000 -9.09E-12 295.242187
6.813281 7.28E-10 -2.750862
-119.204033
0.75000 -9.09E-12 440.121094
10.156641 7.28E-10 -6.113028
-264.897883
1.00000 -9.09E-12 585.000000
13.500000 7.28E-10 -10.800000
-468.000000

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 5.484375
0.126563 7.28E-10 -0.000949
-0.041133
0.25000 -9.09E-12 150.363281
3.469922 7.28E-10 -0.713503
-30.918450
0.50000 -9.09E-12 295.242187
6.813281 7.28E-10 -2.750862
-119.204033
0.75000 -9.09E-12 440.121094
10.156641 7.28E-10 -6.113028
-264.897883
1.00000 -9.09E-12 585.000000
13.500000 7.28E-10 -10.800000
-468.000000

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 198

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.53E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.53E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.53E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.53E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.53E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.53E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.53E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.53E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.73E-12 5.265000
0.243000 1.40E-09 -0.001822
-0.039487
0.25000 -8.73E-12 144.348750
6.662250 1.40E-09 -1.369925
-29.681712
0.50000 -8.73E-12 283.432500
13.081500 1.40E-09 -5.281656
-114.435872
0.75000 -8.73E-12 422.516250
19.500750 1.40E-09 -11.737014
-254.301968
1.00000 -8.73E-12 561.600000
25.920000 1.40E-09 -20.736000
-449.280000

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.73E-12 5.265000
0.243000 1.40E-09 -0.001822
-0.039487
0.25000 -8.73E-12 144.348750
6.662250 1.40E-09 -1.369925
-29.681712
0.50000 -8.73E-12 283.432500
13.081500 1.40E-09 -5.281656
-114.435872
0.75000 -8.73E-12 422.516250
19.500750 1.40E-09 -11.737014
-254.301968
1.00000 -8.73E-12 561.600000
25.920000 1.40E-09 -20.736000
-449.280000

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.40E-12 4.387500
-5.31E-16 2.24E-31 3.99E-18
-0.032906
0.25000 -7.40E-12 120.290625
-1.46E-14 2.24E-31 3.00E-15
-24.734760
0.50000 -7.40E-12 236.193750
-2.86E-14 2.24E-31 1.15E-14
-95.363227
0.75000 -7.40E-12 352.096875
-4.26E-14 2.24E-31 2.57E-14
-211.918307
1.00000 -7.40E-12 468.000000
-5.67E-14 2.24E-31 4.53E-14
-374.400000

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.40E-12 4.387500
-5.31E-16 2.24E-31 3.99E-18
-0.032906
0.25000 -7.40E-12 120.290625
-1.46E-14 2.24E-31 3.00E-15
-24.734760
0.50000 -7.40E-12 236.193750
-2.86E-14 2.24E-31 1.15E-14
-95.363227
0.75000 -7.40E-12 352.096875
-4.26E-14 2.24E-31 2.57E-14
-211.918307
1.00000 -7.40E-12 468.000000
-5.67E-14 2.24E-31 4.53E-14
-374.400000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 199

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.263250 1.51E-09 -0.001974
-0.032906
0.25000 -7.28E-12 120.290625
7.217438 1.51E-09 -1.484086
-24.734760
0.50000 -7.28E-12 236.193750
14.171625 1.51E-09 -5.721794
-95.363227
0.75000 -7.28E-12 352.096875
21.125813 1.51E-09 -12.715098
-211.918307
1.00000 -7.28E-12 468.000000
28.080000 1.51E-09 -22.464000
-374.400000

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.263250 1.51E-09 -0.001974
-0.032906
0.25000 -7.28E-12 120.290625
7.217438 1.51E-09 -1.484086
-24.734760
0.50000 -7.28E-12 236.193750
14.171625 1.51E-09 -5.721794
-95.363227
0.75000 -7.28E-12 352.096875
21.125813 1.51E-09 -12.715098
-211.918307
1.00000 -7.28E-12 468.000000
28.080000 1.51E-09 -22.464000
-374.400000

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
0.131625 7.57E-10 -0.000987
-0.032906
0.25000 -7.35E-12 120.290625
3.608719 7.57E-10 -0.742043
-24.734760
0.50000 -7.35E-12 236.193750
7.085813 7.57E-10 -2.860897
-95.363227
0.75000 -7.35E-12 352.096875
10.562906 7.57E-10 -6.357549
-211.918307
1.00000 -7.35E-12 468.000000
14.040000 7.57E-10 -11.232000
-374.400000

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
0.131625 7.57E-10 -0.000987
-0.032906
0.25000 -7.35E-12 120.290625
3.608719 7.57E-10 -0.742043
-24.734760
0.50000 -7.35E-12 236.193750
7.085813 7.57E-10 -2.860897
-95.363227
0.75000 -7.35E-12 352.096875
10.562906 7.57E-10 -6.357549
-211.918307
1.00000 -7.35E-12 468.000000
14.040000 7.57E-10 -11.232000
-374.400000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 200

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.131625 7.57E-10 -0.000987
-0.032906
0.25000 -7.28E-12 120.290625
3.608719 7.57E-10 -0.742043
-24.734760
0.50000 -7.28E-12 236.193750
7.085813 7.57E-10 -2.860897
-95.363227
0.75000 -7.28E-12 352.096875
10.562906 7.57E-10 -6.357549
-211.918307
1.00000 -7.28E-12 468.000000
14.040000 7.57E-10 -11.232000
-374.400000

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
0.131625 7.57E-10 -0.000987
-0.032906
0.25000 -7.28E-12 120.290625
3.608719 7.57E-10 -0.742043
-24.734760
0.50000 -7.28E-12 236.193750
7.085813 7.57E-10 -2.860897
-95.363227
0.75000 -7.28E-12 352.096875
10.562906 7.57E-10 -6.357549
-211.918307
1.00000 -7.28E-12 468.000000
14.040000 7.57E-10 -11.232000
-374.400000

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
3.87E-08 6.05E-10 1.94E-08
-0.032906
0.25000 -7.35E-12 120.290625
3.87E-08 6.05E-10 4.02E-09
-24.734760
0.50000 -7.35E-12 236.193750
3.87E-08 6.05E-10 -1.13E-08
-95.363227

0.75000 -7.35E-12 352.096875
3.87E-08 6.05E-10 -2.67E-08
-211.918307
1.00000 -7.35E-12 468.000000
3.87E-08 6.05E-10 -4.20E-08
-374.400000

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
3.87E-08 6.05E-10 1.94E-08
-0.032906
0.25000 -7.35E-12 120.290625
3.87E-08 6.05E-10 4.02E-09
-24.734760
0.50000 -7.35E-12 236.193750
3.87E-08 6.05E-10 -1.13E-08
-95.363227
0.75000 -7.35E-12 352.096875
3.87E-08 6.05E-10 -2.67E-08
-211.918307
1.00000 -7.35E-12 468.000000
3.87E-08 6.05E-10 -4.20E-08
-374.400000

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 201

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
3.87E-08 6.05E-10 1.94E-08
-0.032906
0.25000 -7.28E-12 120.290625
3.87E-08 6.05E-10 4.02E-09
-24.734760
0.50000 -7.28E-12 236.193750
3.87E-08 6.05E-10 -1.13E-08
-95.363227
0.75000 -7.28E-12 352.096875
3.87E-08 6.05E-10 -2.67E-08
-211.918307
1.00000 -7.28E-12 468.000000
3.87E-08 6.05E-10 -4.20E-08
-374.400000

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
3.87E-08 6.05E-10 1.94E-08
-0.032906
0.25000 -7.28E-12 120.290625
3.87E-08 6.05E-10 4.02E-09
-24.734760
0.50000 -7.28E-12 236.193750
3.87E-08 6.05E-10 -1.13E-08
-95.363227
0.75000 -7.28E-12 352.096875
3.87E-08 6.05E-10 -2.67E-08
-211.918307
1.00000 -7.28E-12 468.000000
3.87E-08 6.05E-10 -4.20E-08
-374.400000

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.253125 2.04E-09 -0.001898
-0.031261
0.25000 -6.91E-12 114.276094
6.939844 2.04E-09 -1.427005
-23.498022
0.50000 -6.91E-12 224.384062
13.626563 2.04E-09 -5.501725
-90.595065
0.75000 -6.91E-12 334.492031
20.313281 2.04E-09 -12.226056
-201.322391
1.00000 -6.91E-12 444.600000
27.000000 2.04E-09 -21.600000
-355.680000

COMB UEB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.253125 2.04E-09 -0.001898
-0.031261
0.25000 -6.91E-12 114.276094
6.939844 2.04E-09 -1.427005
-23.498022
0.50000 -6.91E-12 224.384062
13.626563 2.04E-09 -5.501725
-90.595065
0.75000 -6.91E-12 334.492031
20.313281 2.04E-09 -12.226056
-201.322391
1.00000 -6.91E-12 444.600000
27.000000 2.04E-09 -21.600000
-355.680000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 202

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 UEB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.253125 1.46E-09 -0.001898
-0.031261
0.25000 -6.91E-12 114.276094
6.939844 1.46E-09 -1.427005
-23.498022
0.50000 -6.91E-12 224.384062
13.626563 1.46E-09 -5.501725
-90.595065
0.75000 -6.91E-12 334.492031
20.313281 1.46E-09 -12.226056
-201.322391
1.00000 -6.91E-12 444.600000
27.000000 1.46E-09 -21.600000
-355.680000

COMB UEB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.253125 1.46E-09 -0.001898
-0.031261
0.25000 -6.91E-12 114.276094
6.939844 1.46E-09 -1.427005
-23.498022
0.50000 -6.91E-12 224.384062
13.626563 1.46E-09 -5.501725
-90.595065
0.75000 -6.91E-12 334.492031
20.313281 1.46E-09 -12.226056
-201.322391
1.00000 -6.91E-12 444.600000
27.000000 1.46E-09 -21.600000
-355.680000

COMB UEB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.98E-12 4.168125
0.126563 1.31E-09 -0.000949
-0.031261
0.25000 -6.98E-12 114.276094
3.469922 1.31E-09 -0.713503
-23.498022
0.50000 -6.98E-12 224.384062
6.813281 1.31E-09 -2.750862
-90.595065
0.75000 -6.98E-12 334.492031
10.156641 1.31E-09 -6.113028
-201.322391
1.00000 -6.98E-12 444.600000
13.500000 1.31E-09 -10.800000
-355.680000

COMB UEB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.98E-12 4.168125
0.126563 1.31E-09 -0.000949
-0.031261
0.25000 -6.98E-12 114.276094
3.469922 1.31E-09 -0.713503
-23.498022
0.50000 -6.98E-12 224.384062
6.813281 1.31E-09 -2.750862
-90.595065
0.75000 -6.98E-12 334.492031
10.156641 1.31E-09 -6.113028
-201.322391
1.00000 -6.98E-12 444.600000
13.500000 1.31E-09 -10.800000
-355.680000

COMB UEB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.98E-12 4.168125
0.126563 7.28E-10 -0.000949
-0.031261
0.25000 -6.98E-12 114.276094
3.469922 7.28E-10 -0.713503
-23.498022
0.50000 -6.98E-12 224.384062
6.813281 7.28E-10 -2.750862
-90.595065
0.75000 -6.98E-12 334.492031
10.156641 7.28E-10 -6.113028
-201.322391
1.00000 -6.98E-12 444.600000
13.500000 7.28E-10 -10.800000
-355.680000

COMB UEB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.98E-12 4.168125
0.126563 7.28E-10 -0.000949
-0.031261
0.25000 -6.98E-12 114.276094
3.469922 7.28E-10 -0.713503
-23.498022
0.50000 -6.98E-12 224.384062
6.813281 7.28E-10 -2.750862
-90.595065
0.75000 -6.98E-12 334.492031
10.156641 7.28E-10 -6.113028
-201.322391
1.00000 -6.98E-12 444.600000
13.500000 7.28E-10 -10.800000
-355.680000

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 203

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 UEB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.126563 1.31E-09 -0.000949
-0.031261
0.25000 -6.91E-12 114.276094
3.469922 1.31E-09 -0.713503
-23.498022
0.50000 -6.91E-12 224.384062
6.813281 1.31E-09 -2.750862
-90.595065
0.75000 -6.91E-12 334.492031
10.156641 1.31E-09 -6.113028
-201.322391
1.00000 -6.91E-12 444.600000
13.500000 1.31E-09 -10.800000
-355.680000

COMB UEB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.126563 1.31E-09 -0.000949
-0.031261
0.25000 -6.91E-12 114.276094
3.469922 1.31E-09 -0.713503
-23.498022
0.50000 -6.91E-12 224.384062
6.813281 1.31E-09 -2.750862
-90.595065
0.75000 -6.91E-12 334.492031
10.156641 1.31E-09 -6.113028
-201.322391
1.00000 -6.91E-12 444.600000
13.500000 1.31E-09 -10.800000
-355.680000

COMB UEB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.126563 7.28E-10 -0.000949
-0.031261
0.25000 -6.91E-12 114.276094
3.469922 7.28E-10 -0.713503
-23.498022
0.50000 -6.91E-12 224.384062
6.813281 7.28E-10 -2.750862
-90.595065
0.75000 -6.91E-12 334.492031
10.156641 7.28E-10 -6.113028
-201.322391
1.00000 -6.91E-12 444.600000
13.500000 7.28E-10 -10.800000
-355.680000

COMB UEB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.91E-12 4.168125
0.126563 7.28E-10 -0.000949
-0.031261
0.25000 -6.91E-12 114.276094
3.469922 7.28E-10 -0.713503
-23.498022
0.50000 -6.91E-12 224.384062
6.813281 7.28E-10 -2.750862
-90.595065
0.75000 -6.91E-12 334.492031
10.156641 7.28E-10 -6.113028

-201.322391
1.00000 -6.91E-12 444.600000
13.500000 7.28E-10 -10.800000
-355.680000

COMB UEB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

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 UEB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.55E-12 3.948750
0.243000 1.40E-09 -0.001822
-0.029616
0.25000 -6.55E-12 108.261562
6.662250 1.40E-09 -1.369925
-22.261284
0.50000 -6.55E-12 212.574375
13.081500 1.40E-09 -5.281656
-85.826904
0.75000 -6.55E-12 316.887187
19.500750 1.40E-09 -11.737014
-190.726476
1.00000 -6.55E-12 421.200000
25.920000 1.40E-09 -20.736000
-336.960000

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.55E-12 3.948750
0.243000 1.40E-09 -0.001822
-0.029616
0.25000 -6.55E-12 108.261562
6.662250 1.40E-09 -1.369925
-22.261284
0.50000 -6.55E-12 212.574375
13.081500 1.40E-09 -5.281656
-85.826904
0.75000 -6.55E-12 316.887187
19.500750 1.40E-09 -11.737014
-190.726476
1.00000 -6.55E-12 421.200000
25.920000 1.40E-09 -20.736000
-336.960000

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.33E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.33E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.33E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.33E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB SVO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.33E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.33E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.33E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.33E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 4.387500
-5.31E-16 -3.76E-29 3.99E-18
-0.032906
0.25000 -38.220000 120.290625
-1.46E-14 -3.76E-29 3.00E-15
-24.734760
0.50000 -38.220000 236.193750
-2.86E-14 -3.76E-29 1.15E-14
-95.363227
0.75000 -38.220000 352.096875
-4.26E-14 -3.76E-29 2.57E-14
-211.918307
1.00000 -38.220000 468.000000
-5.67E-14 -3.76E-29 4.53E-14
-374.400000

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 4.387500
-5.31E-16 -3.76E-29 3.99E-18
-0.032906
0.25000 -38.220000 120.290625
-1.46E-14 -3.76E-29 3.00E-15
-24.734760
0.50000 -38.220000 236.193750
-2.86E-14 -3.76E-29 1.15E-14
-95.363227
0.75000 -38.220000 352.096875
-4.26E-14 -3.76E-29 2.57E-14
-211.918307
1.00000 -38.220000 468.000000
-5.67E-14 -3.76E-29 4.53E-14
-374.400000

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

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 SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 2.18E-11 4.387500
-5.31E-16 1.86E-31 3.99E-18
-0.032906
0.25000 2.18E-11 120.290625
-1.46E-14 1.86E-31 3.00E-15
-24.734760
0.50000 2.18E-11 236.193750
-2.86E-14 1.86E-31 1.15E-14
-95.363227
0.75000 2.18E-11 352.096875
-4.26E-14 1.86E-31 2.57E-14
-211.918307
1.00000 2.18E-11 468.000000
-5.67E-14 1.86E-31 4.53E-14
-374.400000

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 2.18E-11 4.387500
-5.31E-16 1.86E-31 3.99E-18
-0.032906
0.25000 2.18E-11 120.290625
-1.46E-14 1.86E-31 3.00E-15
-24.734760
0.50000 2.18E-11 236.193750
-2.86E-14 1.86E-31 1.15E-14
-95.363227
0.75000 2.18E-11 352.096875
-4.26E-14 1.86E-31 2.57E-14
-211.918307
1.00000 2.18E-11 468.000000
-5.67E-14 1.86E-31 4.53E-14
-374.400000

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.33E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.33E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.33E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.33E-12 468.000000

-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.33E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.33E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.33E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.33E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.33E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 2.18E-11 4.387500
-5.31E-16 1.85E-31 3.99E-18
-0.032906
0.25000 2.18E-11 120.290625
-1.46E-14 1.85E-31 3.00E-15
-24.734760
0.50000 2.18E-11 236.193750
-2.86E-14 1.85E-31 1.15E-14
-95.363227
0.75000 2.18E-11 352.096875
-4.26E-14 1.85E-31 2.57E-14
-211.918307
1.00000 2.18E-11 468.000000
-5.67E-14 1.85E-31 4.53E-14
-374.400000

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 2.18E-11 4.387500
-5.31E-16 1.85E-31 3.99E-18
-0.032906
0.25000 2.18E-11 120.290625
-1.46E-14 1.85E-31 3.00E-15
-24.734760
0.50000 2.18E-11 236.193750
-2.86E-14 1.85E-31 1.15E-14
-95.363227
0.75000 2.18E-11 352.096875
-4.26E-14 1.85E-31 2.57E-14
-211.918307
1.00000 2.18E-11 468.000000
-5.67E-14 1.85E-31 4.53E-14
-374.400000

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 4.387500
-5.31E-16 -3.77E-29 3.99E-18
-0.032906
0.25000 -38.220000 120.290625
-1.46E-14 -3.77E-29 3.00E-15
-24.734760
0.50000 -38.220000 236.193750
-2.86E-14 -3.77E-29 1.15E-14
-95.363227
0.75000 -38.220000 352.096875
-4.26E-14 -3.77E-29 2.57E-14
-211.918307
1.00000 -38.220000 468.000000
-5.67E-14 -3.77E-29 4.53E-14
-374.400000

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 4.387500
-5.31E-16 -3.77E-29 3.99E-18
-0.032906
0.25000 -38.220000 120.290625
-1.46E-14 -3.77E-29 3.00E-15
-24.734760
0.50000 -38.220000 236.193750
-2.86E-14 -3.77E-29 1.15E-14
-95.363227
0.75000 -38.220000 352.096875
-4.26E-14 -3.77E-29 2.57E-14
-211.918307
1.00000 -38.220000 468.000000
-5.67E-14 -3.77E-29 4.53E-14
-374.400000

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 SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 4.387500
-5.31E-16 -3.76E-29 3.99E-18
-0.032906
0.25000 -38.220000 120.290625
-1.46E-14 -3.76E-29 3.00E-15
-24.734760
0.50000 -38.220000 236.193750
-2.86E-14 -3.76E-29 1.15E-14
-95.363227
0.75000 -38.220000 352.096875
-4.26E-14 -3.76E-29 2.57E-14
-211.918307
1.00000 -38.220000 468.000000
-5.67E-14 -3.76E-29 4.53E-14
-374.400000

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -38.220000 4.387500
-5.31E-16 -3.76E-29 3.99E-18
-0.032906
0.25000 -38.220000 120.290625
-1.46E-14 -3.76E-29 3.00E-15
-24.734760
0.50000 -38.220000 236.193750
-2.86E-14 -3.76E-29 1.15E-14
-95.363227
0.75000 -38.220000 352.096875
-4.26E-14 -3.76E-29 2.57E-14
-211.918307
1.00000 -38.220000 468.000000
-5.67E-14 -3.76E-29 4.53E-14
-374.400000

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

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 SVO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB SVO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -19.110000 4.387500
-5.31E-16 -2.23E-29 3.99E-18
-0.032906
0.25000 -19.110000 120.290625
-1.46E-14 -2.23E-29 3.00E-15
-24.734760
0.50000 -19.110000 236.193750
-2.86E-14 -2.23E-29 1.15E-14
-95.363227
0.75000 -19.110000 352.096875
-4.26E-14 -2.23E-29 2.57E-14
-211.918307
1.00000 -19.110000 468.000000
-5.67E-14 -2.23E-29 4.53E-14
-374.400000

COMB ULO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.58E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.58E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.58E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.58E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.58E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ULO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.58E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.58E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.58E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.58E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.58E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

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 ULO02 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
-6.91E-16	2.88E-31	5.18E-18
-0.042778		
0.25000	-9.46E-12	156.377812
-1.89E-14	2.88E-31	3.89E-15
-32.155188		
0.50000	-9.46E-12	307.051875
-3.72E-14	2.88E-31	1.50E-14
-123.972195		
0.75000	-9.46E-12	457.725937
-5.54E-14	2.88E-31	3.34E-14
-275.493799		
1.00000	-9.46E-12	608.400000
-7.37E-14	2.88E-31	5.89E-14
-486.720000		

COMB ULO02 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
-6.91E-16	2.88E-31	5.18E-18
-0.042778		
0.25000	-9.46E-12	156.377812
-1.89E-14	2.88E-31	3.89E-15
-32.155188		
0.50000	-9.46E-12	307.051875
-3.72E-14	2.88E-31	1.50E-14
-123.972195		
0.75000	-9.46E-12	457.725937
-5.54E-14	2.88E-31	3.34E-14
-275.493799		
1.00000	-9.46E-12	608.400000
-7.37E-14	2.88E-31	5.89E-14
-486.720000		

COMB ULO03 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-49.686000	5.703750
-6.91E-16	-4.89E-29	5.18E-18
-0.042778		
0.25000	-49.686000	156.377812
-1.89E-14	-4.89E-29	3.89E-15
-32.155188		
0.50000	-49.686000	307.051875
-3.72E-14	-4.89E-29	1.50E-14
-123.972195		
0.75000	-49.686000	457.725937
-5.54E-14	-4.89E-29	3.34E-14
-275.493799		
1.00000	-49.686000	608.400000
-7.37E-14	-4.89E-29	5.89E-14
-486.720000		

COMB ULO03 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-49.686000	5.703750
-6.91E-16	-4.89E-29	5.18E-18
-0.042778		
0.25000	-49.686000	156.377812
-1.89E-14	-4.89E-29	3.89E-15
-32.155188		
0.50000	-49.686000	307.051875
-3.72E-14	-4.89E-29	1.50E-14
-123.972195		
0.75000	-49.686000	457.725937
-5.54E-14	-4.89E-29	3.34E-14
-275.493799		
1.00000	-49.686000	608.400000
-7.37E-14	-4.89E-29	5.89E-14
-486.720000		

COMB ULO04 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-24.843000	5.703750
-6.91E-16	-2.89E-29	5.18E-18
-0.042778		
0.25000	-24.843000	156.377812
-1.89E-14	-2.89E-29	3.89E-15
-32.155188		
0.50000	-24.843000	307.051875
-3.72E-14	-2.89E-29	1.50E-14
-123.972195		
0.75000	-24.843000	457.725937
-5.54E-14	-2.89E-29	3.34E-14
-275.493799		
1.00000	-24.843000	608.400000
-7.37E-14	-2.89E-29	5.89E-14
-486.720000		

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 ULO05 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-24.843000	5.703750
-6.91E-16	-2.89E-29	5.18E-18
-0.042778		
0.25000	-24.843000	156.377812
-1.89E-14	-2.89E-29	3.89E-15
-32.155188		
0.50000	-24.843000	307.051875
-3.72E-14	-2.89E-29	1.50E-14
-123.972195		
0.75000	-24.843000	457.725937
-5.54E-14	-2.89E-29	3.34E-14
-275.493799		
1.00000	-24.843000	608.400000
-7.37E-14	-2.89E-29	5.89E-14
-486.720000		

COMB ULO05 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-24.843000	5.703750
-6.91E-16	-2.89E-29	5.18E-18
-0.042778		
0.25000	-24.843000	156.377812
-1.89E-14	-2.89E-29	3.89E-15
-32.155188		
0.50000	-24.843000	307.051875
-3.72E-14	-2.89E-29	1.50E-14
-123.972195		
0.75000	-24.843000	457.725937
-5.54E-14	-2.89E-29	3.34E-14
-275.493799		
1.00000	-24.843000	608.400000
-7.37E-14	-2.89E-29	5.89E-14
-486.720000		

COMB ULO06 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	2.83E-11	5.703750
-6.91E-16	2.42E-31	5.18E-18
-0.042778		
0.25000	2.83E-11	156.377812
-1.89E-14	2.42E-31	3.89E-15
-32.155188		
0.50000	2.83E-11	307.051875
-3.72E-14	2.42E-31	1.50E-14
-123.972195		
0.75000	2.83E-11	457.725937
-5.54E-14	2.42E-31	3.34E-14
-275.493799		
1.00000	2.83E-11	608.400000
-7.37E-14	2.42E-31	5.89E-14
-486.720000		

COMB ULO06 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	2.83E-11	5.703750
-6.91E-16	2.42E-31	5.18E-18
-0.042778		
0.25000	2.83E-11	156.377812
-1.89E-14	2.42E-31	3.89E-15
-32.155188		
0.50000	2.83E-11	307.051875
-3.72E-14	2.42E-31	1.50E-14
-123.972195		
0.75000	2.83E-11	457.725937
-5.54E-14	2.42E-31	3.34E-14
-275.493799		
1.00000	2.83E-11	608.400000
-7.37E-14	2.42E-31	5.89E-14
-486.720000		

COMB ULO07 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.53E-12	5.703750
-6.91E-16	2.90E-31	5.18E-18
-0.042778		
0.25000	-9.53E-12	156.377812
-1.89E-14	2.90E-31	3.89E-15
-32.155188		
0.50000	-9.53E-12	307.051875
-3.72E-14	2.90E-31	1.50E-14
-123.972195		
0.75000	-9.53E-12	457.725937
-5.54E-14	2.90E-31	3.34E-14
-275.493799		
1.00000	-9.53E-12	608.400000
-7.37E-14	2.90E-31	5.89E-14
-486.720000		

COMB ULO07 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.53E-12	5.703750
-6.91E-16	2.90E-31	5.18E-18
-0.042778		
0.25000	-9.53E-12	156.377812
-1.89E-14	2.90E-31	3.89E-15
-32.155188		
0.50000	-9.53E-12	307.051875
-3.72E-14	2.90E-31	1.50E-14
-123.972195		
0.75000	-9.53E-12	457.725937
-5.54E-14	2.90E-31	3.34E-14
-275.493799		
1.00000	-9.53E-12	608.400000
-7.37E-14	2.90E-31	5.89E-14
-486.720000		

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 ULO08 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	2.84E-11	5.703750
-6.91E-16	2.40E-31	5.18E-18
-0.042778		
0.25000	2.84E-11	156.377812
-1.89E-14	2.40E-31	3.89E-15
-32.155188		
0.50000	2.84E-11	307.051875
-3.72E-14	2.40E-31	1.50E-14
-123.972195		
0.75000	2.84E-11	457.725937
-5.54E-14	2.40E-31	3.34E-14
-275.493799		
1.00000	2.84E-11	608.400000
-7.37E-14	2.40E-31	5.89E-14
-486.720000		

COMB ULO08 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	2.84E-11	5.703750
-6.91E-16	2.40E-31	5.18E-18
-0.042778		
0.25000	2.84E-11	156.377812
-1.89E-14	2.40E-31	3.89E-15
-32.155188		
0.50000	2.84E-11	307.051875
-3.72E-14	2.40E-31	1.50E-14
-123.972195		
0.75000	2.84E-11	457.725937
-5.54E-14	2.40E-31	3.34E-14
-275.493799		
1.00000	2.84E-11	608.400000
-7.37E-14	2.40E-31	5.89E-14
-486.720000		

COMB ULO09 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
-6.91E-16	2.88E-31	5.18E-18
-0.042778		
0.25000	-9.46E-12	156.377812
-1.89E-14	2.88E-31	3.89E-15
-32.155188		
0.50000	-9.46E-12	307.051875
-3.72E-14	2.88E-31	1.50E-14
-123.972195		
0.75000	-9.46E-12	457.725937
-5.54E-14	2.88E-31	3.34E-14
-275.493799		
1.00000	-9.46E-12	608.400000
-7.37E-14	2.88E-31	5.89E-14
-486.720000		

COMB ULO09 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.46E-12	5.703750
-6.91E-16	2.88E-31	5.18E-18
-0.042778		
0.25000	-9.46E-12	156.377812
-1.89E-14	2.88E-31	3.89E-15
-32.155188		
0.50000	-9.46E-12	307.051875
-3.72E-14	2.88E-31	1.50E-14
-123.972195		
0.75000	-9.46E-12	457.725937
-5.54E-14	2.88E-31	3.34E-14
-275.493799		
1.00000	-9.46E-12	608.400000
-7.37E-14	2.88E-31	5.89E-14
-486.720000		

COMB ULO10 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-47.775000	5.484375
-6.64E-16	-4.71E-29	4.98E-18
-0.041133		
0.25000	-47.775000	150.363281
-1.82E-14	-4.71E-29	3.74E-15
-30.918450		
0.50000	-47.775000	295.242187
-3.58E-14	-4.71E-29	1.44E-14
-119.204033		
0.75000	-47.775000	440.121094
-5.33E-14	-4.71E-29	3.21E-14
-264.897883		
1.00000	-47.775000	585.000000
-7.08E-14	-4.71E-29	5.67E-14
-468.000000		

COMB ULO10 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-47.775000	5.484375
-6.64E-16	-4.71E-29	4.98E-18
-0.041133		
0.25000	-47.775000	150.363281
-1.82E-14	-4.71E-29	3.74E-15
-30.918450		
0.50000	-47.775000	295.242187
-3.58E-14	-4.71E-29	1.44E-14
-119.204033		
0.75000	-47.775000	440.121094
-5.33E-14	-4.71E-29	3.21E-14
-264.897883		
1.00000	-47.775000	585.000000
-7.08E-14	-4.71E-29	5.67E-14
-468.000000		

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 ULO11 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-47.775000	5.484375
-6.64E-16	-4.71E-29	4.98E-18
-0.041133		
0.25000	-47.775000	150.363281
-1.82E-14	-4.71E-29	3.74E-15
-30.918450		
0.50000	-47.775000	295.242187
-3.58E-14	-4.71E-29	1.44E-14

-119.204033
0.75000 -47.775000 440.121094
-5.33E-14 -4.71E-29 3.21E-14
-264.897883
1.00000 -47.775000 585.000000
-7.08E-14 -4.71E-29 5.67E-14
-468.000000

COMB ULO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 5.484375
-6.64E-16 -4.71E-29 4.98E-18
-0.041133
0.25000 -47.775000 150.363281
-1.82E-14 -4.71E-29 3.74E-15
-30.918450
0.50000 -47.775000 295.242187
-3.58E-14 -4.71E-29 1.44E-14
-119.204033
0.75000 -47.775000 440.121094
-5.33E-14 -4.71E-29 3.21E-14
-264.897883
1.00000 -47.775000 585.000000
-7.08E-14 -4.71E-29 5.67E-14
-468.000000

COMB ULO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.79E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.79E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.79E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.79E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.79E-29 5.67E-14
-468.000000

COMB ULO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.79E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.79E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.79E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.79E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.79E-29 5.67E-14
-468.000000

COMB ULO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.78E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.78E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.78E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.78E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.78E-29 5.67E-14
-468.000000

COMB ULO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.78E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.78E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.78E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.78E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.78E-29 5.67E-14
-468.000000

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 ULO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.79E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.79E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.79E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.79E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.79E-29 5.67E-14
-468.000000

COMB ULO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.79E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.79E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.79E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.79E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.79E-29 5.67E-14
-468.000000

COMB ULO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.78E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.78E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.78E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.78E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.78E-29 5.67E-14
-468.000000

COMB ULO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 5.484375
-6.64E-16 -2.78E-29 4.98E-18
-0.041133
0.25000 -23.887500 150.363281
-1.82E-14 -2.78E-29 3.74E-15
-30.918450
0.50000 -23.887500 295.242187
-3.58E-14 -2.78E-29 1.44E-14
-119.204033
0.75000 -23.887500 440.121094
-5.33E-14 -2.78E-29 3.21E-14
-264.897883
1.00000 -23.887500 585.000000
-7.08E-14 -2.78E-29 5.67E-14
-468.000000

COMB ULO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB ULO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

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 ULO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.53E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.53E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.53E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.53E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ULO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.53E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.53E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.53E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.53E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.53E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ULO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -45.864000 5.265000
-6.38E-16 -4.52E-29 4.78E-18
-0.039488
0.25000 -45.864000 144.348750
-1.75E-14 -4.52E-29 3.59E-15
-29.681712
0.50000 -45.864000 283.432500
-3.43E-14 -4.52E-29 1.39E-14
-114.435872
0.75000 -45.864000 422.516250
-5.12E-14 -4.52E-29 3.08E-14
-254.301968
1.00000 -45.864000 561.600000
-6.80E-14 -4.52E-29 5.44E-14
-449.280000

COMB ULO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -45.864000 5.265000
-6.38E-16 -4.52E-29 4.78E-18
-0.039488
0.25000 -45.864000 144.348750
-1.75E-14 -4.52E-29 3.59E-15
-29.681712
0.50000 -45.864000 283.432500
-3.43E-14 -4.52E-29 1.39E-14
-114.435872
0.75000 -45.864000 422.516250
-5.12E-14 -4.52E-29 3.08E-14
-254.301968
1.00000 -45.864000 561.600000
-6.80E-14 -4.52E-29 5.44E-14
-449.280000

COMB UEO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.40E-12 4.387500
-5.31E-16 2.24E-31 3.99E-18
-0.032906
0.25000 -7.40E-12 120.290625
-1.46E-14 2.24E-31 3.00E-15
-24.734760
0.50000 -7.40E-12 236.193750
-2.86E-14 2.24E-31 1.15E-14
-95.363227
0.75000 -7.40E-12 352.096875
-4.26E-14 2.24E-31 2.57E-14
-211.918307
1.00000 -7.40E-12 468.000000
-5.67E-14 2.24E-31 4.53E-14
-374.400000

COMB UEO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.40E-12 4.387500
-5.31E-16 2.24E-31 3.99E-18
-0.032906
0.25000 -7.40E-12 120.290625
-1.46E-14 2.24E-31 3.00E-15
-24.734760
0.50000 -7.40E-12 236.193750
-2.86E-14 2.24E-31 1.15E-14
-95.363227
0.75000 -7.40E-12 352.096875
-4.26E-14 2.24E-31 2.57E-14
-211.918307
1.00000 -7.40E-12 468.000000
-5.67E-14 2.24E-31 4.53E-14
-374.400000

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 UEO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875

-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -49.686000 4.387500
-5.31E-16 -4.90E-29 3.99E-18
-0.032906
0.25000 -49.686000 120.290625
-1.46E-14 -4.90E-29 3.00E-15
-24.734760
0.50000 -49.686000 236.193750
-2.86E-14 -4.90E-29 1.15E-14
-95.363227
0.75000 -49.686000 352.096875
-4.26E-14 -4.90E-29 2.57E-14
-211.918307
1.00000 -49.686000 468.000000
-5.67E-14 -4.90E-29 4.53E-14
-374.400000

COMB UEO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -49.686000 4.387500
-5.31E-16 -4.90E-29 3.99E-18
-0.032906
0.25000 -49.686000 120.290625
-1.46E-14 -4.90E-29 3.00E-15
-24.734760
0.50000 -49.686000 236.193750
-2.86E-14 -4.90E-29 1.15E-14
-95.363227
0.75000 -49.686000 352.096875
-4.26E-14 -4.90E-29 2.57E-14
-211.918307
1.00000 -49.686000 468.000000
-5.67E-14 -4.90E-29 4.53E-14
-374.400000

COMB UEO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.843000 4.387500
-5.31E-16 -2.90E-29 3.99E-18
-0.032906
0.25000 -24.843000 120.290625
-1.46E-14 -2.90E-29 3.00E-15
-24.734760
0.50000 -24.843000 236.193750
-2.86E-14 -2.90E-29 1.15E-14
-95.363227
0.75000 -24.843000 352.096875
-4.26E-14 -2.90E-29 2.57E-14
-211.918307
1.00000 -24.843000 468.000000
-5.67E-14 -2.90E-29 4.53E-14
-374.400000

COMB UEO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.843000 4.387500
-5.31E-16 -2.90E-29 3.99E-18
-0.032906
0.25000 -24.843000 120.290625
-1.46E-14 -2.90E-29 3.00E-15
-24.734760
0.50000 -24.843000 236.193750
-2.86E-14 -2.90E-29 1.15E-14
-95.363227
0.75000 -24.843000 352.096875
-4.26E-14 -2.90E-29 2.57E-14
-211.918307
1.00000 -24.843000 468.000000
-5.67E-14 -2.90E-29 4.53E-14
-374.400000

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 UEO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.843000 4.387500
-5.31E-16 -2.90E-29 3.99E-18
-0.032906
0.25000 -24.843000 120.290625
-1.46E-14 -2.90E-29 3.00E-15
-24.734760
0.50000 -24.843000 236.193750
-2.86E-14 -2.90E-29 1.15E-14
-95.363227
0.75000 -24.843000 352.096875
-4.26E-14 -2.90E-29 2.57E-14
-211.918307
1.00000 -24.843000 468.000000
-5.67E-14 -2.90E-29 4.53E-14
-374.400000

COMB UEO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.843000 4.387500
-5.31E-16 -2.90E-29 3.99E-18
-0.032906
0.25000 -24.843000 120.290625
-1.46E-14 -2.90E-29 3.00E-15
-24.734760
0.50000 -24.843000 236.193750
-2.86E-14 -2.90E-29 1.15E-14
-95.363227
0.75000 -24.843000 352.096875
-4.26E-14 -2.90E-29 2.57E-14
-211.918307
1.00000 -24.843000 468.000000
-5.67E-14 -2.90E-29 4.53E-14
-374.400000

COMB UEO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 3.05E-11 4.387500
-5.31E-16 1.75E-31 3.99E-18
-0.032906
0.25000 3.05E-11 120.290625
-1.46E-14 1.75E-31 3.00E-15
-24.734760
0.50000 3.05E-11 236.193750
-2.86E-14 1.75E-31 1.15E-14
-95.363227
0.75000 3.05E-11 352.096875
-4.26E-14 1.75E-31 2.57E-14
-211.918307
1.00000 3.05E-11 468.000000
-5.67E-14 1.75E-31 4.53E-14
-374.400000

COMB UEO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 3.05E-11 4.387500
-5.31E-16 1.75E-31 3.99E-18
-0.032906
0.25000 3.05E-11 120.290625
-1.46E-14 1.75E-31 3.00E-15
-24.734760
0.50000 3.05E-11 236.193750
-2.86E-14 1.75E-31 1.15E-14
-95.363227
0.75000 3.05E-11 352.096875
-4.26E-14 1.75E-31 2.57E-14
-211.918307
1.00000 3.05E-11 468.000000
-5.67E-14 1.75E-31 4.53E-14
-374.400000

COMB UEO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB UEO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

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 UEO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 3.06E-11 4.387500
-5.31E-16 1.74E-31 3.99E-18
-0.032906
0.25000 3.06E-11 120.290625
-1.46E-14 1.74E-31 3.00E-15
-24.734760
0.50000 3.06E-11 236.193750
-2.86E-14 1.74E-31 1.15E-14
-95.363227
0.75000 3.06E-11 352.096875
-4.26E-14 1.74E-31 2.57E-14
-211.918307
1.00000 3.06E-11 468.000000
-5.67E-14 1.74E-31 4.53E-14
-374.400000

COMB UEO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 3.06E-11 4.387500
-5.31E-16 1.74E-31 3.99E-18
-0.032906
0.25000 3.06E-11 120.290625
-1.46E-14 1.74E-31 3.00E-15
-24.734760
0.50000 3.06E-11 236.193750
-2.86E-14 1.74E-31 1.15E-14
-95.363227
0.75000 3.06E-11 352.096875
-4.26E-14 1.74E-31 2.57E-14
-211.918307
1.00000 3.06E-11 468.000000
-5.67E-14 1.74E-31 4.53E-14
-374.400000

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 4.168125
-5.05E-16 -4.72E-29 3.79E-18
-0.031261
0.25000 -47.775000 114.276094
-1.38E-14 -4.72E-29 2.85E-15
-23.498022
0.50000 -47.775000 224.384062
-2.72E-14 -4.72E-29 1.10E-14
-90.595065
0.75000 -47.775000 334.492031
-4.05E-14 -4.72E-29 2.44E-14
-201.322391
1.00000 -47.775000 444.600000
-5.38E-14 -4.72E-29 4.31E-14
-355.680000

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 4.168125
-5.05E-16 -4.72E-29 3.79E-18
-0.031261
0.25000 -47.775000 114.276094
-1.38E-14 -4.72E-29 2.85E-15
-23.498022
0.50000 -47.775000 224.384062
-2.72E-14 -4.72E-29 1.10E-14
-90.595065
0.75000 -47.775000 334.492031
-4.05E-14 -4.72E-29 2.44E-14
-201.322391
1.00000 -47.775000 444.600000
-5.38E-14 -4.72E-29 4.31E-14
-355.680000

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 4.168125
-5.05E-16 -4.71E-29 3.79E-18
-0.031261
0.25000 -47.775000 114.276094
-1.38E-14 -4.71E-29 2.85E-15
-23.498022
0.50000 -47.775000 224.384062
-2.72E-14 -4.71E-29 1.10E-14
-90.595065
0.75000 -47.775000 334.492031
-4.05E-14 -4.71E-29 2.44E-14
-201.322391
1.00000 -47.775000 444.600000
-5.38E-14 -4.71E-29 4.31E-14
-355.680000

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -47.775000 4.168125
-5.05E-16 -4.71E-29 3.79E-18
-0.031261
0.25000 -47.775000 114.276094
-1.38E-14 -4.71E-29 2.85E-15
-23.498022
0.50000 -47.775000 224.384062
-2.72E-14 -4.71E-29 1.10E-14
-90.595065
0.75000 -47.775000 334.492031
-4.05E-14 -4.71E-29 2.44E-14
-201.322391
1.00000 -47.775000 444.600000
-5.38E-14 -4.71E-29 4.31E-14
-355.680000

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391

1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391
1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391
1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391
1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391
1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391
1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391
1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -23.887500 4.168125
-5.05E-16 -2.79E-29 3.79E-18
-0.031261
0.25000 -23.887500 114.276094
-1.38E-14 -2.79E-29 2.85E-15
-23.498022
0.50000 -23.887500 224.384062
-2.72E-14 -2.79E-29 1.10E-14
-90.595065
0.75000 -23.887500 334.492031
-4.05E-14 -2.79E-29 2.44E-14
-201.322391
1.00000 -23.887500 444.600000
-5.38E-14 -2.79E-29 4.31E-14
-355.680000

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.35E-12 4.387500
-5.31E-16 2.23E-31 3.99E-18
-0.032906
0.25000 -7.35E-12 120.290625
-1.46E-14 2.23E-31 3.00E-15
-24.734760
0.50000 -7.35E-12 236.193750
-2.86E-14 2.23E-31 1.15E-14
-95.363227
0.75000 -7.35E-12 352.096875
-4.26E-14 2.23E-31 2.57E-14
-211.918307
1.00000 -7.35E-12 468.000000
-5.67E-14 2.23E-31 4.53E-14
-374.400000

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -45.864000 3.948750
-4.78E-16 -4.52E-29 3.59E-18
-0.029616
0.25000 -45.864000 108.261562
-1.31E-14 -4.52E-29 2.70E-15
-22.261284
0.50000 -45.864000 212.574375
-2.57E-14 -4.52E-29 1.04E-14
-85.826904
0.75000 -45.864000 316.887187
-3.84E-14 -4.52E-29 2.31E-14
-190.726476
1.00000 -45.864000 421.200000
-5.10E-14 -4.52E-29 4.08E-14
-336.960000

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -45.864000 3.948750
-4.78E-16 -4.52E-29 3.59E-18
-0.029616
0.25000 -45.864000 108.261562
-1.31E-14 -4.52E-29 2.70E-15
-22.261284
0.50000 -45.864000 212.574375
-2.57E-14 -4.52E-29 1.04E-14
-85.826904
0.75000 -45.864000 316.887187
-3.84E-14 -4.52E-29 2.31E-14
-190.726476
1.00000 -45.864000 421.200000
-5.10E-14 -4.52E-29 4.08E-14
-336.960000

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.58E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.58E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.58E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.58E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.58E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.58E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.58E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.58E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.58E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.58E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.24E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.24E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.24E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.24E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.24E-31 4.53E-14
-374.400000

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.40E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.40E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.40E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.40E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.40E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.58E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.58E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.58E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.58E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.58E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14
-486.720000

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.58E-12 5.703750
-6.91E-16 2.90E-31 5.18E-18
-0.042778
0.25000 -9.58E-12 156.377812
-1.89E-14 2.90E-31 3.89E-15
-32.155188
0.50000 -9.58E-12 307.051875
-3.72E-14 2.90E-31 1.50E-14
-123.972195
0.75000 -9.58E-12 457.725937
-5.54E-14 2.90E-31 3.34E-14
-275.493799
1.00000 -9.58E-12 608.400000
-7.37E-14 2.90E-31 5.89E-14

-486.720000

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.387500
-5.31E-16 2.24E-31 3.99E-18
-0.032906
0.25000 -7.28E-12 120.290625
-1.46E-14 2.24E-31 3.00E-15
-24.734760
0.50000 -7.28E-12 236.193750
-2.86E-14 2.24E-31 1.15E-14
-95.363227
0.75000 -7.28E-12 352.096875
-4.26E-14 2.24E-31 2.57E-14
-211.918307
1.00000 -7.28E-12 468.000000
-5.67E-14 2.24E-31 4.53E-14
-374.400000

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.40E-12 4.387500
-5.31E-16 2.22E-31 3.99E-18
-0.032906
0.25000 -7.40E-12 120.290625
-1.46E-14 2.22E-31 3.00E-15
-24.734760
0.50000 -7.40E-12 236.193750
-2.86E-14 2.22E-31 1.15E-14
-95.363227
0.75000 -7.40E-12 352.096875
-4.26E-14 2.22E-31 2.57E-14
-211.918307
1.00000 -7.40E-12 468.000000
-5.67E-14 2.22E-31 4.53E-14
-374.400000

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 = 1.585000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 3.94E-17
-0.325345
0.25000 2.95E-05 -0.081563
9.88E-18 5.93E-20 3.55E-17
-0.293025
0.50000 2.95E-05 -0.081563
9.88E-18 5.93E-20 3.16E-17
-0.260706
0.75000 2.95E-05 -0.081563
9.88E-18 5.93E-20 2.77E-17
-0.228387
1.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 2.37E-17
-0.196067

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 3.16E-17 -5.93E-15
-48.918208 -5.784978 -27.098213
-2.32E-15
0.25000 3.16E-17 -5.28E-15
-43.568833 -5.784978 -8.774218
-9.71E-17
0.50000 3.16E-17 -4.63E-15
-38.219458 -5.784978 7.430087
1.87E-15
0.75000 3.16E-17 -3.98E-15
-32.870083 -5.784978 21.514702
3.57E-15
1.00000 3.16E-17 -3.33E-15
-27.520708 -5.784978 33.479627
5.02E-15

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 1.52E-26 3.31E-24
.000000 7.28E-09 2.98E-08
3.31E-24
0.25000 1.52E-26 3.31E-24
.000000 7.28E-09 2.98E-08
2.00E-24
0.50000 1.52E-26 3.31E-24
.000000 7.28E-09 2.98E-08
6.87E-25
0.75000 1.52E-26 3.31E-24
.000000 7.28E-09 2.98E-08
-6.25E-25
1.00000 1.52E-26 3.31E-24
.000000 7.28E-09 2.98E-08
-1.94E-24

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -1.34E-12
11024.148
0.25000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -1.20E-12
9897.261
0.50000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -1.06E-12
8770.374

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 -52.624835 2843.878
-3.44E-13 -2.07E-15 -9.26E-13
7643.487
1.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -7.90E-13
6516.601

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -1.41E-13
1165.910
0.25000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -1.27E-13
1050.090
0.50000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -1.13E-13
934.269432
0.75000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -9.91E-14
818.449281
1.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -8.51E-14
702.629129

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.245220
0.25000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.267050
0.50000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.288881
0.75000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.310712
1.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.332543

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -1025.327
1.24E-13 1.35E-17 8.45E-14
-683.274316
0.25000 -9.184547 -909.423585
1.10E-13 1.35E-17 3.81E-14
-299.951914
0.50000 -9.184547 -793.520460
9.61E-14 1.35E-17 -2.77E-15
37.443875
0.75000 -9.184547 -677.617335
8.21E-14 1.35E-17 -3.81E-14
328.913050
1.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -1025.327
1.24E-13 1.35E-17 8.45E-14
-683.274316
0.25000 -9.184547 -909.423585
1.10E-13 1.35E-17 3.81E-14
-299.951914
0.50000 -9.184547 -793.520460
9.61E-14 1.35E-17 -2.77E-15
37.443875
0.75000 -9.184547 -677.617335
8.21E-14 1.35E-17 -3.81E-14
328.913050
1.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972

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 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-48.918208 -5.784978 -27.098213
-682.948972
0.25000 -9.184576 -909.342022
-43.568833 -5.784978 -8.774218
-299.658889
0.50000 -9.184576 -793.438897
-38.219458 -5.784978 7.430087
37.704581
0.75000 -9.184576 -677.535772
-32.870083 -5.784978 21.514702
329.141437
1.00000 -9.184576 -561.632647
-27.520708 -5.784978 33.479627
574.651680

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-48.918208 -5.784978 -27.098213
-682.948972
0.25000 -9.184576 -909.342022
-43.568833 -5.784978 -8.774218
-299.658889
0.50000 -9.184576 -793.438897
-38.219458 -5.784978 7.430087
37.704581
0.75000 -9.184576 -677.535772
-32.870083 -5.784978 21.514702
329.141437
1.00000 -9.184576 -561.632647
-27.520708 -5.784978 33.479627
574.651680

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -1025.327
-24.459104 -2.892489 -13.549107
-683.274316
0.25000 -9.184547 -909.423585
-21.784416 -2.892489 -4.387109
-299.951914
0.50000 -9.184547 -793.520460
-19.109729 -2.892489 3.715043
37.443875
0.75000 -9.184547 -677.617335
-16.435041 -2.892489 10.757351
328.913050
1.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -1025.327
-24.459104 -2.892489 -13.549107
-683.274316
0.25000 -9.184547 -909.423585
-21.784416 -2.892489 -4.387109
-299.951914
0.50000 -9.184547 -793.520460
-19.109729 -2.892489 3.715043
37.443875
0.75000 -9.184547 -677.617335
-16.435041 -2.892489 10.757351
328.913050
1.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612

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 SVB05 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	-24.459104	-2.892489	-13.549107	-682.948972
0.25000	-9.184576	-909.342022	-21.784416	-2.892489	-4.387109	-299.658889
0.50000	-9.184576	-793.438897	-19.109729	-2.892489	3.715043	37.704581
0.75000	-9.184576	-677.535772	-16.435041	-2.892489	10.757351	329.141437
1.00000	-9.184576	-561.632647	-13.760354	-2.892489	16.739814	574.651680

COMB SVB05 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	-24.459104	-2.892489	-13.549107	-682.948972
0.25000	-9.184576	-909.342022	-21.784416	-2.892489	-4.387109	-299.658889
0.50000	-9.184576	-793.438897	-19.109729	-2.892489	3.715043	37.704581
0.75000	-9.184576	-677.535772	-16.435041	-2.892489	10.757351	329.141437
1.00000	-9.184576	-561.632647	-13.760354	-2.892489	16.739814	574.651680

COMB SVB06 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	1.24E-13	7.28E-09	2.98E-08	-683.274316
0.25000	-9.184547	-909.423585	1.10E-13	7.28E-09	2.98E-08	-299.951914
0.50000	-9.184547	-793.520460	9.61E-14	7.28E-09	2.98E-08	37.443875
0.75000	-9.184547	-677.617335	8.21E-14	7.28E-09	2.98E-08	328.913050
1.00000	-9.184547	-561.714210	6.80E-14	7.28E-09	2.98E-08	574.455612

COMB SVB06 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	1.24E-13	7.28E-09	2.98E-08	-683.274316
0.25000	-9.184547	-909.423585	1.10E-13	7.28E-09	2.98E-08	-299.951914
0.50000	-9.184547	-793.520460	9.61E-14	7.28E-09	2.98E-08	37.443875
0.75000	-9.184547	-677.617335	8.21E-14	7.28E-09	2.98E-08	328.913050
1.00000	-9.184547	-561.714210	6.80E-14	7.28E-09	2.98E-08	574.455612

COMB SVB07 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	1.24E-13	1.35E-17	8.45E-14	-683.274316
0.25000	-9.184547	-909.423585	1.10E-13	1.35E-17	3.81E-14	-299.951914
0.50000	-9.184547	-793.520460	9.61E-14	1.35E-17	-2.77E-15	37.443875
0.75000	-9.184547	-677.617335	8.21E-14	1.35E-17	-3.81E-14	328.913050
1.00000	-9.184547	-561.714210	6.80E-14	1.35E-17	-6.78E-14	574.455612

COMB SVB07 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	1.24E-13	1.35E-17	8.45E-14	-683.274316
0.25000	-9.184547	-909.423585	1.10E-13	1.35E-17	3.81E-14	-299.951914
0.50000	-9.184547	-793.520460	9.61E-14	1.35E-17	-2.77E-15	37.443875
0.75000	-9.184547	-677.617335	8.21E-14	1.35E-17	-3.81E-14	328.913050
1.00000	-9.184547	-561.714210	6.80E-14	1.35E-17	-6.78E-14	574.455612

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 SVB08 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	1.24E-13	7.28E-09	2.98E-08	-682.948972
0.25000	-9.184576	-909.342022	1.10E-13	7.28E-09	2.98E-08	-299.658889
0.50000	-9.184576	-793.438897	9.61E-14	7.28E-09	2.98E-08	37.704581
0.75000	-9.184576	-677.535772	8.21E-14	7.28E-09	2.98E-08	329.141437
1.00000	-9.184576	-561.632647	6.80E-14	7.28E-09	2.98E-08	574.651680

COMB SVB08 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	1.24E-13	7.28E-09	2.98E-08	-682.948972
0.25000	-9.184576	-909.342022	1.10E-13	7.28E-09	2.98E-08	-299.658889
0.50000	-9.184576	-793.438897	9.61E-14	7.28E-09	2.98E-08	37.704581
0.75000	-9.184576	-677.535772	8.21E-14	7.28E-09	2.98E-08	329.141437
1.00000	-9.184576	-561.632647	6.80E-14	7.28E-09	2.98E-08	574.651680

COMB SVB09 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	1.24E-13	1.34E-17	8.45E-14	-682.948972
0.25000	-9.184576	-909.342022	1.10E-13	1.34E-17	3.81E-14	-299.658889
0.50000	-9.184576	-793.438897	9.61E-14	1.34E-17	-2.80E-15	37.704581
0.75000	-9.184576	-677.535772	8.21E-14	1.34E-17	-3.81E-14	329.141437
1.00000	-9.184576	-561.632647	6.80E-14	1.34E-17	-6.78E-14	574.651680

COMB SVB09 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	1.24E-13	1.34E-17	8.45E-14	-682.948972
0.25000	-9.184576	-909.342022	1.10E-13	1.34E-17	3.81E-14	-299.658889
0.50000	-9.184576	-793.438897	9.61E-14	1.34E-17	-2.80E-15	37.704581
0.75000	-9.184576	-677.535772	8.21E-14	1.34E-17	-3.81E-14	329.141437
1.00000	-9.184576	-561.632647	6.80E-14	1.34E-17	-6.78E-14	574.651680

COMB SVB10 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	-48.918208	-5.784978	-27.098213	-682.948972
0.25000	-9.184576	-909.342022	-43.568833	-5.784978	-8.774218	-299.658889
0.50000	-9.184576	-793.438897	-38.219458	-5.784978	7.430087	37.704581
0.75000	-9.184576	-677.535772	-32.870083	-5.784978	21.514702	329.141437
1.00000	-9.184576	-561.632647	-27.520708	-5.784978	33.479627	574.651680

COMB SVB10 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	-48.918208	-5.784978	-27.098213	-682.948972
0.25000	-9.184576	-909.342022	-43.568833	-5.784978	-8.774218	-299.658889
0.50000	-9.184576	-793.438897	-38.219458	-5.784978	7.430087	37.704581
0.75000	-9.184576	-677.535772	-32.870083	-5.784978	21.514702	329.141437
1.00000	-9.184576	-561.632647	-27.520708	-5.784978	33.479627	574.651680

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 SVB11 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	-48.918208	-5.784978	-27.098213	-682.948972
0.25000	-9.184576	-909.342022	-43.568833	-5.784978	-8.774218	-299.658889
0.50000	-9.184576	-793.438897	-38.219458	-5.784978	7.430087	37.704581
0.75000	-9.184576	-677.535772	-32.870083	-5.784978	21.514702	329.141437
1.00000	-9.184576	-561.632647	-27.520708	-5.784978	33.479627	574.651680

COMB SVB11 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	-48.918208	-5.784978	-27.098213	-682.948972
0.25000	-9.184576	-909.342022	-43.568833	-5.784978	-8.774218	-299.658889
0.50000	-9.184576	-793.438897	-38.219458	-5.784978	7.430087	37.704581
0.75000	-9.184576	-677.535772	-32.870083	-5.784978	21.514702	329.141437
1.00000	-9.184576	-561.632647	-27.520708	-5.784978	33.479627	574.651680

COMB SVB12 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	-24.459104	-2.892489	-13.549106	-683.274316
0.25000	-9.184547	-909.423585	-21.784416	-2.892489	-4.387109	-299.951914
0.50000	-9.184547	-793.520460	-19.109729	-2.892489	3.715043	37.443875
0.75000	-9.184547	-677.617335	-16.435041	-2.892489	10.757351	328.913050
1.00000	-9.184547	-561.714210	-13.760354	-2.892489	16.739814	574.455612

COMB SVB12 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	-24.459104	-2.892489	-13.549106	-683.274316
0.25000	-9.184547	-909.423585	-21.784416	-2.892489	-4.387109	-299.951914
0.50000	-9.184547	-793.520460	-19.109729	-2.892489	3.715043	37.443875
0.75000	-9.184547	-677.617335	-16.435041	-2.892489	10.757351	328.913050
1.00000	-9.184547	-561.714210	-13.760354	-2.892489	16.739814	574.455612

COMB SVB13 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	-24.459104	-2.892489	-13.549107	-683.274316
0.25000	-9.184547	-909.423585	-21.784416	-2.892489	-4.387109	-299.951914
0.50000	-9.184547	-793.520460	-19.109729	-2.892489	3.715043	37.443875
0.75000	-9.184547	-677.617335	-16.435041	-2.892489	10.757351	328.913050
1.00000	-9.184547	-561.714210	-13.760354	-2.892489	16.739814	574.455612

COMB SVB13 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184547	-1025.327	-24.459104	-2.892489	-13.549107	-683.274316
0.25000	-9.184547	-909.423585	-21.784416	-2.892489	-4.387109	-299.951914
0.50000	-9.184547	-793.520460	-19.109729	-2.892489	3.715043	37.443875
0.75000	-9.184547	-677.617335	-16.435041	-2.892489	10.757351	328.913050
1.00000	-9.184547	-561.714210	-13.760354	-2.892489	16.739814	574.455612

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 SVB14 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	-1025.245	-24.459104	-2.892489	-13.549106	-682.948972
0.25000	-9.184576	-909.342022	-21.784416	-2.892489	-4.387109	-299.658889
0.50000	-9.184576	-793.438897	-19.109729	-2.892489	3.715043	37.704581

0.75000 -9.184576 -677.535772
-16.435041 -2.892489 10.757351
329.141437
1.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-24.459104 -2.892489 -13.549106
-682.948972
0.25000 -9.184576 -909.342022
-21.784416 -2.892489 -4.387109
-299.658889
0.50000 -9.184576 -793.438897
-19.109729 -2.892489 3.715043
37.704581
0.75000 -9.184576 -677.535772
-16.435041 -2.892489 10.757351
329.141437
1.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-24.459104 -2.892489 -13.549107
-682.948972
0.25000 -9.184576 -909.342022
-21.784416 -2.892489 -4.387109
-299.658889
0.50000 -9.184576 -793.438897
-19.109729 -2.892489 3.715043
37.704581
0.75000 -9.184576 -677.535772
-16.435041 -2.892489 10.757351
329.141437
1.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-24.459104 -2.892489 -13.549107
-682.948972
0.25000 -9.184576 -909.342022
-21.784416 -2.892489 -4.387109
-299.658889
0.50000 -9.184576 -793.438897
-19.109729 -2.892489 3.715043
37.704581
0.75000 -9.184576 -677.535772
-16.435041 -2.892489 10.757351
329.141437
1.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -1332.994
1.61E-13 1.76E-17 1.10E-13
-888.533154
0.25000 -11.939886 -1182.320
1.43E-13 1.76E-17 4.95E-14
-390.186560
0.50000 -11.939886 -1031.646
1.25E-13 1.76E-17 -3.57E-15
48.455437
0.75000 -11.939886 -880.971864
1.07E-13 1.76E-17 -4.95E-14
427.392837
1.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -1332.994
1.61E-13 1.76E-17 1.10E-13
-888.533154
0.25000 -11.939886 -1182.320
1.43E-13 1.76E-17 4.95E-14
-390.186560
0.50000 -11.939886 -1031.646
1.25E-13 1.76E-17 -3.57E-15
48.455437
0.75000 -11.939886 -880.971864
1.07E-13 1.76E-17 -4.95E-14
427.392837
1.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 230

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 1.74E-17 1.10E-13
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 1.74E-17 4.95E-14
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 1.74E-17 -3.64E-15
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 1.74E-17 -4.95E-14
427.883868
1.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 1.74E-17 1.10E-13
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 1.74E-17 4.95E-14
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 1.74E-17 -3.64E-15
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 1.74E-17 -4.95E-14
427.883868
1.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184

COMB ULB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
-63.593670 -7.520471 -35.227677
-887.833663
0.25000 -11.939949 -1182.145
-56.639482 -7.520471 -11.406484
-389.556555
0.50000 -11.939949 -1031.471
-49.685295 -7.520471 9.659113
49.015955
0.75000 -11.939949 -880.796503
-42.731107 -7.520471 27.969112
427.883868
1.00000 -11.939949 -730.122441
-35.776920 -7.520471 43.523515
747.047184

COMB ULB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
-63.593670 -7.520471 -35.227677
-887.833663
0.25000 -11.939949 -1182.145
-56.639482 -7.520471 -11.406484
-389.556555
0.50000 -11.939949 -1031.471
-49.685295 -7.520471 9.659113
49.015955
0.75000 -11.939949 -880.796503
-42.731107 -7.520471 27.969112
427.883868
1.00000 -11.939949 -730.122441
-35.776920 -7.520471 43.523515
747.047184

COMB ULB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
-31.796835 -3.760236 -17.613838
-888.256611
0.25000 -11.939911 -1182.251
-28.319741 -3.760236 -5.703242
-389.937489
0.50000 -11.939911 -1031.577
-24.842647 -3.760236 4.829556
48.677037
0.75000 -11.939911 -880.902535
-21.365554 -3.760236 13.984556
427.586965
1.00000 -11.939911 -730.228473
-17.888460 -3.760236 21.761758
746.792296

COMB ULB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
-31.796835 -3.760236 -17.613838
-888.256611
0.25000 -11.939911 -1182.251
-28.319741 -3.760236 -5.703242
-389.937489
0.50000 -11.939911 -1031.577
-24.842647 -3.760236 4.829556
48.677037
0.75000 -11.939911 -880.902535
-21.365554 -3.760236 13.984556
427.586965
1.00000 -11.939911 -730.228473
-17.888460 -3.760236 21.761758
746.792296
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 231

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 ULB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
-31.796835 -3.760236 -17.613838
-887.833663
0.25000 -11.939949 -1182.145
-28.319741 -3.760236 -5.703242
-389.556555
0.50000 -11.939949 -1031.471
-24.842647 -3.760236 4.829556
49.015955
0.75000 -11.939949 -880.796503
-21.365554 -3.760236 13.984556
427.883868
1.00000 -11.939949 -730.122441
-17.888460 -3.760236 21.761758
747.047184

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
-31.796835 -3.760236 -17.613838
-887.833663
0.25000 -11.939949 -1182.145
-28.319741 -3.760236 -5.703242
-389.556555
0.50000 -11.939949 -1031.471
-24.842647 -3.760236 4.829556
49.015955
0.75000 -11.939949 -880.796503
-21.365554 -3.760236 13.984556
427.883868
1.00000 -11.939949 -730.122441
-17.888460 -3.760236 21.761758
747.047184

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 9.46E-09 3.87E-08
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 9.46E-09 3.87E-08
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 9.46E-09 3.87E-08
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 9.46E-09 3.87E-08
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 9.46E-09 3.87E-08
746.792296

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 9.46E-09 3.87E-08
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 9.46E-09 3.87E-08
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 9.46E-09 3.87E-08
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 9.46E-09 3.87E-08
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 9.46E-09 3.87E-08
746.792296

COMB ULB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 1.75E-17 1.10E-13
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 1.75E-17 4.95E-14
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 1.75E-17 -3.60E-15
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 1.75E-17 -4.95E-14
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 1.75E-17 -8.81E-14
746.792296

COMB ULB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 1.75E-17 1.10E-13
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 1.75E-17 4.95E-14
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 1.75E-17 -3.60E-15
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 1.75E-17 -4.95E-14
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 1.75E-17 -8.81E-14
746.792296
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 232

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 ULB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 9.46E-09 3.87E-08
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 9.46E-09 3.87E-08
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 9.46E-09 3.87E-08
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 9.46E-09 3.87E-08
427.883868
1.00000 -11.939949 -730.122441
8.84E-14 9.46E-09 3.87E-08
747.047184

COMB ULB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 9.46E-09 3.87E-08
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 9.46E-09 3.87E-08
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 9.46E-09 3.87E-08
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 9.46E-09 3.87E-08

427.883868
1.00000 -11.939949 -730.122441
8.84E-14 9.46E-09 3.87E-08
747.047184

COMB ULB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 1.74E-17 1.10E-13
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 1.74E-17 4.95E-14
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 1.74E-17 -3.64E-15
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 1.74E-17 -4.95E-14
427.883868
1.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184

COMB ULB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 1.74E-17 1.10E-13
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 1.74E-17 4.95E-14
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 1.74E-17 -3.64E-15
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 1.74E-17 -4.95E-14
427.883868
1.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184

COMB ULB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-61.147759 -7.231222 -33.872766
-853.686214
0.25000 -11.480720 -1136.678
-54.461041 -7.231222 -10.967773
-374.573611
0.50000 -11.480720 -991.798621
-47.774322 -7.231222 9.287608
47.130726
0.75000 -11.480720 -846.919715
-41.087603 -7.231222 26.893377
411.426796
1.00000 -11.480720 -702.040808
-34.400884 -7.231222 41.849534
718.314600

COMB ULB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-61.147759 -7.231222 -33.872766
-853.686214
0.25000 -11.480720 -1136.678
-54.461041 -7.231222 -10.967773
-374.573611
0.50000 -11.480720 -991.798621
-47.774322 -7.231222 9.287608
47.130726
0.75000 -11.480720 -846.919715
-41.087603 -7.231222 26.893377
411.426796
1.00000 -11.480720 -702.040808
-34.400884 -7.231222 41.849534
718.314600
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 233

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 ULB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-61.147759 -7.231222 -33.872766
-853.686214
0.25000 -11.480720 -1136.678
-54.461041 -7.231222 -10.967773
-374.573611
0.50000 -11.480720 -991.798621
-47.774322 -7.231222 9.287608
47.130726
0.75000 -11.480720 -846.919715
-41.087603 -7.231222 26.893377
411.426796
1.00000 -11.480720 -702.040808
-34.400884 -7.231222 41.849534
718.314600

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-61.147759 -7.231222 -33.872766
-853.686214
0.25000 -11.480720 -1136.678
-54.461041 -7.231222 -10.967773
-374.573611
0.50000 -11.480720 -991.798621
-47.774322 -7.231222 9.287608
47.130726
0.75000 -11.480720 -846.919715
-41.087603 -7.231222 26.893377
411.426796
1.00000 -11.480720 -702.040808
-34.400884 -7.231222 41.849534
718.314600

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -1281.658
-30.573880 -3.615611 -16.936383
-854.092895
0.25000 -11.480683 -1136.779
-27.230520 -3.615611 -5.483886
-374.939893
0.50000 -11.480683 -991.900575
-23.887161 -3.615611 4.643804
46.804843
0.75000 -11.480683 -847.021669
-20.543802 -3.615611 13.446689
411.141313
1.00000 -11.480683 -702.142762
-17.200442 -3.615611 20.924767
718.069516

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -1281.658
-30.573880 -3.615611 -16.936383
-854.092895
0.25000 -11.480683 -1136.779
-27.230520 -3.615611 -5.483886
-374.939893
0.50000 -11.480683 -991.900575
-23.887161 -3.615611 4.643804
46.804843
0.75000 -11.480683 -847.021669
-20.543802 -3.615611 13.446689
411.141313
1.00000 -11.480683 -702.142762
-17.200442 -3.615611 20.924767
718.069516

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -1281.658
-30.573880 -3.615611 -16.936383
-854.092895
0.25000 -11.480683 -1136.779
-27.230520 -3.615611 -5.483886
-374.939893
0.50000 -11.480683 -991.900575
-23.887161 -3.615611 4.643804
46.804843
0.75000 -11.480683 -847.021669
-20.543802 -3.615611 13.446689
411.141313
1.00000 -11.480683 -702.142762
-17.200442 -3.615611 20.924767
718.069516

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -1281.658
-30.573880 -3.615611 -16.936383
-854.092895
0.25000 -11.480683 -1136.779
-27.230520 -3.615611 -5.483886
-374.939893
0.50000 -11.480683 -991.900575
-23.887161 -3.615611 4.643804
46.804843
0.75000 -11.480683 -847.021669
-20.543802 -3.615611 13.446689
411.141313
1.00000 -11.480683 -702.142762
-17.200442 -3.615611 20.924767
718.069516
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 234

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 ULB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-30.573880 -3.615611 -16.936383
-853.686214
0.25000 -11.480720 -1136.678
-27.230520 -3.615611 -5.483886
-374.573611
0.50000 -11.480720 -991.798621
-23.887161 -3.615611 4.643804
47.130726
0.75000 -11.480720 -846.919715
-20.543802 -3.615611 13.446689
411.426796
1.00000 -11.480720 -702.040808
-17.200442 -3.615611 20.924767
718.314600

COMB ULB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-30.573880 -3.615611 -16.936383
-853.686214
0.25000 -11.480720 -1136.678
-27.230520 -3.615611 -5.483886
-374.573611
0.50000 -11.480720 -991.798621
-23.887161 -3.615611 4.643804
47.130726
0.75000 -11.480720 -846.919715
-20.543802 -3.615611 13.446689
411.426796
1.00000 -11.480720 -702.040808
-17.200442 -3.615611 20.924767
718.314600

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-30.573880 -3.615611 -16.936383
-853.686214
0.25000 -11.480720 -1136.678
-27.230520 -3.615611 -5.483886
-374.573611
0.50000 -11.480720 -991.798621
-23.887161 -3.615611 4.643804
47.130726
0.75000 -11.480720 -846.919715
-20.543802 -3.615611 13.446689
411.426796
1.00000 -11.480720 -702.040808
-17.200442 -3.615611 20.924767
718.314600

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -1281.556
-30.573880 -3.615611 -16.936383
-853.686214
0.25000 -11.480720 -1136.678
-27.230520 -3.615611 -5.483886
-374.573611
0.50000 -11.480720 -991.798621
-23.887161 -3.615611 4.643804
47.130726
0.75000 -11.480720 -846.919715
-20.543802 -3.615611 13.446689
411.426796
1.00000 -11.480720 -702.040808
-17.200442 -3.615611 20.924767
718.314600

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 235

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 1.75E-17 1.10E-13
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 1.75E-17 4.95E-14
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 1.75E-17 -3.60E-15
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 1.75E-17 -4.95E-14
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 1.75E-17 -8.81E-14
746.792296

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 1.75E-17 1.10E-13
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 1.75E-17 4.95E-14
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 1.75E-17 -3.60E-15
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 1.75E-17 -4.95E-14
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 1.75E-17 -8.81E-14
746.792296

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 -1230.294
-58.701849 -6.941973 -32.517856
-819.538766
0.25000 -11.021491 -1091.210
-52.282599 -6.941973 -10.529062
-359.590667
0.50000 -11.021491 -952.126676
-45.863349 -6.941973 8.916104
45.245497
0.75000 -11.021491 -813.042926
-39.444099 -6.941973 25.817642
394.969724
1.00000 -11.021491 -673.959176

-33.024849 -6.941973 40.175553
689.582016

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 -1230.294
-58.701849 -6.941973 -32.517856
-819.538766
0.25000 -11.021491 -1091.210
-52.282599 -6.941973 -10.529062
-359.590667
0.50000 -11.021491 -952.126676
-45.863349 -6.941973 8.916104
45.245497
0.75000 -11.021491 -813.042926
-39.444099 -6.941973 25.817642
394.969724
1.00000 -11.021491 -673.959176
-33.024849 -6.941973 40.175553
689.582016

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -1025.421
1.24E-13 1.35E-17 8.46E-14
-683.648463
0.25000 -9.184513 -909.517382
1.10E-13 1.35E-17 3.81E-14
-300.288893
0.50000 -9.184513 -793.614257
9.61E-14 1.35E-17 -2.73E-15
37.144063
0.75000 -9.184513 -677.711132
8.21E-14 1.35E-17 -3.80E-14
328.650406
1.00000 -9.184513 -561.808007
6.80E-14 1.35E-17 -6.78E-14
574.230135

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -1025.421
1.24E-13 1.35E-17 8.46E-14
-683.648463
0.25000 -9.184513 -909.517382
1.10E-13 1.35E-17 3.81E-14
-300.288893
0.50000 -9.184513 -793.614257
9.61E-14 1.35E-17 -2.73E-15
37.144063
0.75000 -9.184513 -677.711132
8.21E-14 1.35E-17 -3.80E-14
328.650406
1.00000 -9.184513 -561.808007
6.80E-14 1.35E-17 -6.78E-14
574.230135
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 236

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-63.593670 -7.520471 -35.227677
-682.948972
0.25000 -9.184576 -909.342022
-56.639482 -7.520471 -11.406484
-299.658889
0.50000 -9.184576 -793.438897
-49.685295 -7.520471 9.659113
37.704581
0.75000 -9.184576 -677.535772
-42.731107 -7.520471 27.969112
329.141437
1.00000 -9.184576 -561.632647
-35.776920 -7.520471 43.523515
574.651680

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-63.593670 -7.520471 -35.227677
-682.948972
0.25000 -9.184576 -909.342022
-56.639482 -7.520471 -11.406484
-299.658889
0.50000 -9.184576 -793.438897
-49.685295 -7.520471 9.659113
37.704581
0.75000 -9.184576 -677.535772
-42.731107 -7.520471 27.969112
329.141437
1.00000 -9.184576 -561.632647
-35.776920 -7.520471 43.523515
574.651680

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
-31.796835 -3.760236 -17.613838
-683.371920
0.25000 -9.184538 -909.448054
-28.319741 -3.760236 -5.703242
-300.039822
0.50000 -9.184538 -793.544929
-24.842647 -3.760236 4.829556
37.365663
0.75000 -9.184538 -677.641804
-21.365554 -3.760236 13.984556
328.844534
1.00000 -9.184538 -561.738679
-17.888460 -3.760236 21.761758
574.396792

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
-31.796835 -3.760236 -17.613838
-683.371920
0.25000 -9.184538 -909.448054
-28.319741 -3.760236 -5.703242
-300.039822
0.50000 -9.184538 -793.544929
-24.842647 -3.760236 4.829556
37.365663
0.75000 -9.184538 -677.641804
-21.365554 -3.760236 13.984556
328.844534
1.00000 -9.184538 -561.738679
-17.888460 -3.760236 21.761758
574.396792
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 237

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-31.796835 -3.760236 -17.613838
-682.948972
0.25000 -9.184576 -909.342022
-28.319741 -3.760236 -5.703242
-299.658889
0.50000 -9.184576 -793.438897
-24.842647 -3.760236 4.829556
37.704581
0.75000 -9.184576 -677.535772
-21.365554 -3.760236 13.984556
329.141437
1.00000 -9.184576 -561.632647
-17.888460 -3.760236 21.761758
574.651680

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
-31.796835 -3.760236 -17.613838
-682.948972
0.25000 -9.184576 -909.342022
-28.319741 -3.760236 -5.703242
-299.658889
0.50000 -9.184576 -793.438897
-24.842647 -3.760236 4.829556
37.704581
0.75000 -9.184576 -677.535772
-21.365554 -3.760236 13.984556
329.141437
1.00000 -9.184576 -561.632647
-17.888460 -3.760236 21.761758
574.651680

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
1.24E-13 9.46E-09 3.87E-08
-683.371920
0.25000 -9.184538 -909.448054
1.10E-13 9.46E-09 3.87E-08
-300.039822
0.50000 -9.184538 -793.544929
9.61E-14 9.46E-09 3.87E-08
37.365663
0.75000 -9.184538 -677.641804
8.21E-14 9.46E-09 3.87E-08
328.844534
1.00000 -9.184538 -561.738679
6.80E-14 9.46E-09 3.87E-08
574.396792

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
1.24E-13 9.46E-09 3.87E-08
-683.371920
0.25000 -9.184538 -909.448054
1.10E-13 9.46E-09 3.87E-08
-300.039822
0.50000 -9.184538 -793.544929
9.61E-14 9.46E-09 3.87E-08
37.365663
0.75000 -9.184538 -677.641804
8.21E-14 9.46E-09 3.87E-08
328.844534
1.00000 -9.184538 -561.738679
6.80E-14 9.46E-09 3.87E-08
574.396792

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
1.24E-13 1.35E-17 8.45E-14
-683.371920
0.25000 -9.184538 -909.448054
1.10E-13 1.35E-17 3.81E-14
-300.039822
0.50000 -9.184538 -793.544929
9.61E-14 1.35E-17 -2.76E-15
37.365663
0.75000 -9.184538 -677.641804
8.21E-14 1.35E-17 -3.81E-14
328.844534
1.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
1.24E-13 1.35E-17 8.45E-14
-683.371920
0.25000 -9.184538 -909.448054
1.10E-13 1.35E-17 3.81E-14
-300.039822
0.50000 -9.184538 -793.544929
9.61E-14 1.35E-17 -2.76E-15
37.365663
0.75000 -9.184538 -677.641804
8.21E-14 1.35E-17 -3.81E-14
328.844534
1.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 238

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 9.46E-09 3.87E-08
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 9.46E-09 3.87E-08
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 9.46E-09 3.87E-08
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 9.46E-09 3.87E-08
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 9.46E-09 3.87E-08
574.651680

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 9.46E-09 3.87E-08
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 9.46E-09 3.87E-08
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 9.46E-09 3.87E-08
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 9.46E-09 3.87E-08
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 9.46E-09 3.87E-08
574.651680

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB UEB10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-61.147759	-7.231222	-33.872766
-648.801523		
0.25000	-8.725347	-863.874921
-54.461041	-7.231222	-10.967773
-284.675944		
0.50000	-8.725347	-753.766952
-47.774322	-7.231222	9.287608
35.819352		
0.75000	-8.725347	-643.658983
-41.087603	-7.231222	26.893377
312.684365		
1.00000	-8.725347	-533.551014
-34.400884	-7.231222	41.849534
545.919096		

COMB UEB10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-61.147759	-7.231222	-33.872766
-648.801523		
0.25000	-8.725347	-863.874921
-54.461041	-7.231222	-10.967773
-284.675944		
0.50000	-8.725347	-753.766952
-47.774322	-7.231222	9.287608
35.819352		
0.75000	-8.725347	-643.658983
-41.087603	-7.231222	26.893377
312.684365		
1.00000	-8.725347	-533.551014
-34.400884	-7.231222	41.849534
545.919096		

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 UEB11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-61.147759	-7.231222	-33.872766
-648.801523		
0.25000	-8.725347	-863.874921
-54.461041	-7.231222	-10.967773
-284.675944		
0.50000	-8.725347	-753.766952
-47.774322	-7.231222	9.287608
35.819352		
0.75000	-8.725347	-643.658983
-41.087603	-7.231222	26.893377
312.684365		
1.00000	-8.725347	-533.551014
-34.400884	-7.231222	41.849534
545.919096		

COMB UEB11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-61.147759	-7.231222	-33.872766
-648.801523		
0.25000	-8.725347	-863.874921
-54.461041	-7.231222	-10.967773
-284.675944		
0.50000	-8.725347	-753.766952
-47.774322	-7.231222	9.287608
35.819352		
0.75000	-8.725347	-643.658983
-41.087603	-7.231222	26.893377
312.684365		
1.00000	-8.725347	-533.551014
-34.400884	-7.231222	41.849534
545.919096		

COMB UEB12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	-974.084843
-30.573880	-3.615611	-16.936383
-649.208204		
0.25000	-8.725310	-863.976874
-27.230520	-3.615611	-5.483886
-285.042226		
0.50000	-8.725310	-753.868906
-23.887161	-3.615611	4.643804
35.493469		
0.75000	-8.725310	-643.760937
-20.543802	-3.615611	13.446689
312.398882		
1.00000	-8.725310	-533.652968
-17.200442	-3.615611	20.924767
545.674012		

COMB UEB12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	-974.084843
-30.573880	-3.615611	-16.936383
-649.208204		
0.25000	-8.725310	-863.976874
-27.230520	-3.615611	-5.483886
-285.042226		
0.50000	-8.725310	-753.868906
-23.887161	-3.615611	4.643804
35.493469		
0.75000	-8.725310	-643.760937
-20.543802	-3.615611	13.446689
312.398882		
1.00000	-8.725310	-533.652968
-17.200442	-3.615611	20.924767
545.674012		

COMB UEB13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	-974.084843
-30.573880	-3.615611	-16.936383
-649.208204		
0.25000	-8.725310	-863.976874
-27.230520	-3.615611	-5.483886
-285.042226		
0.50000	-8.725310	-753.868906
-23.887161	-3.615611	4.643804
35.493469		
0.75000	-8.725310	-643.760937
-20.543802	-3.615611	13.446689
312.398882		
1.00000	-8.725310	-533.652968
-17.200442	-3.615611	20.924767
545.674012		

COMB UEB13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	-974.084843
-30.573880	-3.615611	-16.936383
-649.208204		
0.25000	-8.725310	-863.976874
-27.230520	-3.615611	-5.483886
-285.042226		
0.50000	-8.725310	-753.868906
-23.887161	-3.615611	4.643804
35.493469		
0.75000	-8.725310	-643.760937
-20.543802	-3.615611	13.446689
312.398882		
1.00000	-8.725310	-533.652968
-17.200442	-3.615611	20.924767
545.674012		

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 UEB14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-30.573880	-3.615611	-16.936383
-648.801523		
0.25000	-8.725347	-863.874921
-27.230520	-3.615611	-5.483886
-284.675944		
0.50000	-8.725347	-753.766952
-23.887161	-3.615611	4.643804
35.819352		
0.75000	-8.725347	-643.658983
-20.543802	-3.615611	13.446689
312.684365		
1.00000	-8.725347	-533.551014
-17.200442	-3.615611	20.924767
545.919096		

COMB UEB14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-30.573880	-3.615611	-16.936383
-648.801523		
0.25000	-8.725347	-863.874921
-27.230520	-3.615611	-5.483886
-284.675944		
0.50000	-8.725347	-753.766952
-23.887161	-3.615611	4.643804
35.819352		
0.75000	-8.725347	-643.658983
-20.543802	-3.615611	13.446689
312.684365		
1.00000	-8.725347	-533.551014
-17.200442	-3.615611	20.924767
545.919096		

COMB UEB15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-30.573880	-3.615611	-16.936383
-648.801523		
0.25000	-8.725347	-863.874921
-27.230520	-3.615611	-5.483886
-284.675944		
0.50000	-8.725347	-753.766952
-23.887161	-3.615611	4.643804
35.819352		
0.75000	-8.725347	-643.658983
-20.543802	-3.615611	13.446689
312.684365		
1.00000	-8.725347	-533.551014
-17.200442	-3.615611	20.924767
545.919096		

COMB UEB15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-973.982889
-30.573880	-3.615611	-16.936383
-648.801523		
0.25000	-8.725347	-863.874921
-27.230520	-3.615611	-5.483886
-284.675944		
0.50000	-8.725347	-753.766952
-23.887161	-3.615611	4.643804
35.819352		
0.75000	-8.725347	-643.658983
-20.543802	-3.615611	13.446689
312.684365		
1.00000	-8.725347	-533.551014
-17.200442	-3.615611	20.924767
545.919096		

COMB UEB16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB UEB16 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

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 UEB17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-1025.351
1.24E-13	1.35E-17	8.45E-14
-683.371920		
0.25000	-9.184538	-909.448054
1.10E-13	1.35E-17	3.81E-14
-300.039822		
0.50000	-9.184538	-793.544929
9.61E-14	1.35E-17	-2.76E-15
37.365663		
0.75000	-9.184538	-677.641804
8.21E-14	1.35E-17	-3.81E-14
328.844534		
1.00000	-9.184538	-561.738679
6.80E-14	1.35E-17	-6.78E-14
574.396792		

COMB UEB17 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-1025.351
1.24E-13	1.35E-17	8.45E-14
-683.371920		
0.25000	-9.184538	-909.448054
1.10E-13	1.35E-17	3.81E-14
-300.039822		
0.50000	-9.184538	-793.544929
9.61E-14	1.35E-17	-2.76E-15
37.365663		
0.75000	-9.184538	-677.641804
8.21E-14	1.35E-17	-3.81E-14
328.844534		
1.00000	-9.184538	-561.738679
6.80E-14	1.35E-17	-6.78E-14
574.396792		

COMB UEB18 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.266119	-922.720632
-58.701849	-6.941973	-32.517856
-614.654074		
0.25000	-8.266119	-818.407820
-52.282599	-6.941973	-10.529062
-269.693000		
0.50000	-8.266119	-714.095007
-45.863349	-6.941973	8.916104
33.934123		
0.75000	-8.266119	-609.782195
-39.444099	-6.941973	25.817642
296.227293		
1.00000	-8.266119	-505.469382
-33.024849	-6.941973	40.175553
517.186512		

COMB UEB18 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.266119	-922.720632
-58.701849	-6.941973	-32.517856
-614.654074		
0.25000	-8.266119	-818.407820
-52.282599	-6.941973	-10.529062
-269.693000		
0.50000	-8.266119	-714.095007
-45.863349	-6.941973	8.916104
33.934123		
0.75000	-8.266119	-609.782195
-39.444099	-6.941973	25.817642
296.227293		
1.00000	-8.266119	-505.469382
-33.024849	-6.941973	40.175553
517.186512		

COMB SVO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	-1025.327
1.24E-13	1.35E-17	8.45E-14
-683.274316		
0.25000	-9.184547	-909.423585
1.10E-13	1.35E-17	3.81E-14
-299.951914		
0.50000	-9.184547	-793.520460
9.61E-14	1.35E-17	-2.77E-15
37.443875		
0.75000	-9.184547	-677.617335
8.21E-14	1.35E-17	-3.81E-14
328.913050		
1.00000	-9.184547	-561.714210
6.80E-14	1.35E-17	-6.78E-14
574.455612		

COMB SVO01 ----------

MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-1025.327
1.24E-13	1.35E-17	8.45E-14
-683.274316		
0.25000	-9.184547	-909.423585
1.10E-13	1.35E-17	3.81E-14
-299.951914		
0.50000	-9.184547	-793.520460
9.61E-14	1.35E-17	-2.77E-15
37.443875		
0.75000	-9.184547	-677.617335
8.21E-14	1.35E-17	-3.81E-14
328.913050		
1.00000	-9.184547	-561.714210
6.80E-14	1.35E-17	-6.78E-14
574.455612		

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 SVO02 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB SVO02 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB SVO03 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	1818.633
-2.20E-13	-2.06E-15	-1.25E-12
10341.199		
0.25000	-61.809411	1934.536
-2.34E-13	-2.06E-15	-1.16E-12
9597.602		
0.50000	-61.809411	2050.439
-2.48E-13	-2.06E-15	-1.07E-12
8808.079		
0.75000	-61.809411	2166.342
-2.62E-13	-2.06E-15	-9.64E-13
7972.629		
1.00000	-61.809411	2282.246
-2.76E-13	-2.06E-15	-8.58E-13
7091.252		

COMB SVO03 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	1818.633
-2.20E-13	-2.06E-15	-1.25E-12
10341.199		
0.25000	-61.809411	1934.536
-2.34E-13	-2.06E-15	-1.16E-12
9597.602		
0.50000	-61.809411	2050.439
-2.48E-13	-2.06E-15	-1.07E-12
8808.079		
0.75000	-61.809411	2166.342
-2.62E-13	-2.06E-15	-9.64E-13
7972.629		
1.00000	-61.809411	2282.246
-2.76E-13	-2.06E-15	-8.58E-13
7091.252		

COMB SVO04 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	688.902976
-8.34E-14	-1.23E-15	-7.24E-13
5994.709		
0.25000	-35.602669	804.806101
-9.74E-14	-1.23E-15	-6.89E-13
5698.768		
0.50000	-35.602669	920.709226
-1.11E-13	-1.23E-15	-6.47E-13
5356.900		
0.75000	-35.602669	1036.612
-1.25E-13	-1.23E-15	-6.00E-13
4969.106		
1.00000	-35.602669	1152.515
-1.40E-13	-1.23E-15	-5.48E-13
4535.385		

COMB SVO04 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	688.902976
-8.34E-14	-1.23E-15	-7.24E-13
5994.709		
0.25000	-35.602669	804.806101
-9.74E-14	-1.23E-15	-6.89E-13
5698.768		
0.50000	-35.602669	920.709226
-1.11E-13	-1.23E-15	-6.47E-13
5356.900		
0.75000	-35.602669	1036.612
-1.25E-13	-1.23E-15	-6.00E-13
4969.106		
1.00000	-35.602669	1152.515
-1.40E-13	-1.23E-15	-5.48E-13
4535.385		

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 SVO05 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	688.984540
-8.34E-14	-1.23E-15	-7.24E-13
5995.035		
0.25000	-35.602698	804.887665
-9.74E-14	-1.23E-15	-6.89E-13
5699.061		
0.50000	-35.602698	920.790790
-1.11E-13	-1.23E-15	-6.47E-13
5357.161		
0.75000	-35.602698	1036.694
-1.25E-13	-1.23E-15	-6.00E-13
4969.334		
1.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		

COMB SVO05 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	688.984540
-8.34E-14	-1.23E-15	-7.24E-13
5995.035		
0.25000	-35.602698	804.887665
-9.74E-14	-1.23E-15	-6.89E-13
5699.061		
0.50000	-35.602698	920.790790
-1.11E-13	-1.23E-15	-6.47E-13
5357.161		
0.75000	-35.602698	1036.694
-1.25E-13	-1.23E-15	-6.00E-13
4969.334		
1.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		

COMB SVO06 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526357	-1025.272
1.24E-13	1.14E-17	1.28E-13
-1051.520		
0.25000	-24.526357	-909.368491
1.10E-13	1.14E-17	8.20E-14
-668.218965		
0.50000	-24.526357	-793.465366
9.61E-14	1.14E-17	4.12E-14
-330.845007		
0.75000	-24.526357	-677.562241
8.21E-14	1.14E-17	5.87E-15
-39.397662		
1.00000	-24.526357	-561.659116
6.80E-14	1.14E-17	-2.39E-14
206.123070		

COMB SVO06 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526357	-1025.272
1.24E-13	1.14E-17	1.28E-13
-1051.520		
0.25000	-24.526357	-909.368491
1.10E-13	1.14E-17	8.20E-14
-668.218965		
0.50000	-24.526357	-793.465366
9.61E-14	1.14E-17	4.12E-14
-330.845007		
0.75000	-24.526357	-677.562241
8.21E-14	1.14E-17	5.87E-15
-39.397662		
1.00000	-24.526357	-561.659116
6.80E-14	1.14E-17	-2.39E-14
206.123070		

COMB SVO07 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-1025.327
1.24E-13	1.35E-17	8.45E-14
-683.274316		
0.25000	-9.184547	-909.423585
1.10E-13	1.35E-17	3.81E-14
-299.951914		
0.50000	-9.184547	-793.520460
9.61E-14	1.35E-17	-2.77E-15
37.443875		
0.75000	-9.184547	-677.617335
8.21E-14	1.35E-17	-3.81E-14
328.913050		
1.00000	-9.184547	-561.714210
6.80E-14	1.35E-17	-6.78E-14
574.455612		

COMB SVO07 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-1025.327
1.24E-13	1.35E-17	8.45E-14
-683.274316		
0.25000	-9.184547	-909.423585
1.10E-13	1.35E-17	3.81E-14
-299.951914		
0.50000	-9.184547	-793.520460
9.61E-14	1.35E-17	-2.77E-15
37.443875		
0.75000	-9.184547	-677.617335
8.21E-14	1.35E-17	-3.81E-14
328.913050		
1.00000	-9.184547	-561.714210
6.80E-14	1.35E-17	-6.78E-14
574.455612		

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 SVO08 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526387	-1025.190
1.24E-13	1.13E-17	1.28E-13
-1051.194		
0.25000	-24.526387	-909.286928
1.10E-13	1.13E-17	8.20E-14
-667.925939		
0.50000	-24.526387	-793.383803
9.61E-14	1.13E-17	4.11E-14
-330.584300		
0.75000	-24.526387	-677.480678
8.20E-14	1.13E-17	5.84E-15
-39.169275		
1.00000	-24.526387	-561.577553
6.80E-14	1.13E-17	-2.39E-14
206.319137		

COMB SVO08 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526387	-1025.190
1.24E-13	1.13E-17	1.28E-13
-1051.194		
0.25000	-24.526387	-909.286928
1.10E-13	1.13E-17	8.20E-14
-667.925939		
0.50000	-24.526387	-793.383803
9.61E-14	1.13E-17	4.11E-14
-330.584300		
0.75000	-24.526387	-677.480678
8.20E-14	1.13E-17	5.84E-15
-39.169275		
1.00000	-24.526387	-561.577553
6.80E-14	1.13E-17	-2.39E-14
206.319137		

COMB SVO09 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB SVO09 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB SVO10 ---------- MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.151222	1818.688
-2.20E-13	-2.06E-15	-1.21E-12
9972.953		
0.25000	-77.151222	1934.591
-2.34E-13	-2.06E-15	-1.12E-12
9229.335		
0.50000	-77.151222	2050.494
-2.48E-13	-2.06E-15	-1.02E-12
8439.790		
0.75000	-77.151222	2166.397
-2.62E-13	-2.06E-15	-9.20E-13
7604.318		
1.00000	-77.151222	2282.301
-2.76E-13	-2.06E-15	-8.14E-13
6722.920		

COMB SVO10 ---------- MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.151222	1818.688
-2.20E-13	-2.06E-15	-1.21E-12
9972.953		
0.25000	-77.151222	1934.591
-2.34E-13	-2.06E-15	-1.12E-12
9229.335		
0.50000	-77.151222	2050.494
-2.48E-13	-2.06E-15	-1.02E-12
8439.790		
0.75000	-77.151222	2166.397
-2.62E-13	-2.06E-15	-9.20E-13
7604.318		
1.00000	-77.151222	2282.301
-2.76E-13	-2.06E-15	-8.14E-13
6722.920		

FRAME ELEMENT INTERNAL FORCES

COMB SVO11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-61.809411	1818.633
-2.20E-13	-2.06E-15	-1.25E-12
10341.199		
0.25000	-61.809411	1934.536
-2.34E-13	-2.06E-15	-1.16E-12
9597.602		
0.50000	-61.809411	2050.439
-2.48E-13	-2.06E-15	-1.07E-12
8808.079		
0.75000	-61.809411	2166.342
-2.62E-13	-2.06E-15	-9.64E-13
7972.629		
1.00000	-61.809411	2282.246
-2.76E-13	-2.06E-15	-8.58E-13
7091.252		

COMB SVO11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-61.809411	1818.633
-2.20E-13	-2.06E-15	-1.25E-12
10341.199		
0.25000	-61.809411	1934.536
-2.34E-13	-2.06E-15	-1.16E-12
9597.602		
0.50000	-61.809411	2050.439
-2.48E-13	-2.06E-15	-1.07E-12
8808.079		
0.75000	-61.809411	2166.342
-2.62E-13	-2.06E-15	-9.64E-13
7972.629		
1.00000	-61.809411	2282.246
-2.76E-13	-2.06E-15	-8.58E-13
7091.252		

COMB SVO12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944479	688.958070
-8.34E-14	-1.24E-15	-6.80E-13
5626.464		
0.25000	-50.944479	804.861195
-9.74E-14	-1.24E-15	-6.45E-13
5330.501		
0.50000	-50.944479	920.764320
-1.11E-13	-1.24E-15	-6.03E-13
4988.612		
0.75000	-50.944479	1036.667
-1.25E-13	-1.24E-15	-5.56E-13
4600.795		
1.00000	-50.944479	1152.571
-1.40E-13	-1.24E-15	-5.04E-13
4167.053		

COMB SVO12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944479	688.958070
-8.34E-14	-1.24E-15	-6.80E-13
5626.464		
0.25000	-50.944479	804.861195
-9.74E-14	-1.24E-15	-6.45E-13
5330.501		
0.50000	-50.944479	920.764320
-1.11E-13	-1.24E-15	-6.03E-13
4988.612		
0.75000	-50.944479	1036.667
-1.25E-13	-1.24E-15	-5.56E-13
4600.795		
1.00000	-50.944479	1152.571
-1.40E-13	-1.24E-15	-5.04E-13
4167.053		

COMB SVO13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602669	688.902976
-8.34E-14	-1.23E-15	-7.24E-13
5994.709		
0.25000	-35.602669	804.806101
-9.74E-14	-1.23E-15	-6.89E-13
5698.768		
0.50000	-35.602669	920.709226
-1.11E-13	-1.23E-15	-6.47E-13
5356.900		
0.75000	-35.602669	1036.612
-1.25E-13	-1.23E-15	-6.00E-13
4969.106		
1.00000	-35.602669	1152.515
-1.40E-13	-1.23E-15	-5.48E-13
4535.385		

COMB SVO13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602669	688.902976
-8.34E-14	-1.23E-15	-7.24E-13
5994.709		
0.25000	-35.602669	804.806101
-9.74E-14	-1.23E-15	-6.89E-13
5698.768		
0.50000	-35.602669	920.709226
-1.11E-13	-1.23E-15	-6.47E-13
5356.900		
0.75000	-35.602669	1036.612
-1.25E-13	-1.23E-15	-6.00E-13
4969.106		
1.00000	-35.602669	1152.515
-1.40E-13	-1.23E-15	-5.48E-13
4535.385		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

FRAME ELEMENT INTERNAL FORCES

COMB SVO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944509	689.039633
-8.34E-14	-1.24E-15	-6.81E-13
5626.789		
0.25000	-50.944509	804.942758
-9.74E-14	-1.24E-15	-6.45E-13
5330.794		
0.50000	-50.944509	920.845883
-1.11E-13	-1.24E-15	-6.03E-13
4988.872		
0.75000	-50.944509	1036.749
-1.26E-13	-1.24E-15	-5.56E-13
4601.024		
1.00000	-50.944509	1152.652
-1.40E-13	-1.24E-15	-5.04E-13
4167.249		

COMB SVO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944509	689.039633
-8.34E-14	-1.24E-15	-6.81E-13
5626.789		
0.25000	-50.944509	804.942758
-9.74E-14	-1.24E-15	-6.45E-13
5330.794		
0.50000	-50.944509	920.845883
-1.11E-13	-1.24E-15	-6.03E-13
4988.872		
0.75000	-50.944509	1036.749
-1.26E-13	-1.24E-15	-5.56E-13
4601.024		
1.00000	-50.944509	1152.652
-1.40E-13	-1.24E-15	-5.04E-13
4167.249		

COMB SVO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602698	688.984540
-8.34E-14	-1.23E-15	-7.24E-13
5995.035		
0.25000	-35.602698	804.887665
-9.74E-14	-1.23E-15	-6.89E-13
5699.061		
0.50000	-35.602698	920.790790
-1.11E-13	-1.23E-15	-6.47E-13
5357.161		
0.75000	-35.602698	1036.694
-1.25E-13	-1.23E-15	-6.00E-13
4969.334		
1.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		

COMB SVO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602698	688.984540
-8.34E-14	-1.23E-15	-7.24E-13
5995.035		
0.25000	-35.602698	804.887665
-9.74E-14	-1.23E-15	-6.89E-13
5699.061		
0.50000	-35.602698	920.790790
-1.11E-13	-1.23E-15	-6.47E-13
5357.161		
0.75000	-35.602698	1036.694
-1.25E-13	-1.23E-15	-6.00E-13
4969.334		
1.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		

COMB ULO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	-1332.994
1.61E-13	1.76E-17	1.10E-13
-888.533154		
0.25000	-11.939886	-1182.320
1.43E-13	1.76E-17	4.95E-14
-390.186560		
0.50000	-11.939886	-1031.646
1.25E-13	1.76E-17	-3.57E-15
48.455437		
0.75000	-11.939886	-880.971864
1.07E-13	1.76E-17	-4.95E-14
427.392837		
1.00000	-11.939886	-730.297801
8.84E-14	1.76E-17	-8.81E-14
746.625639		

COMB ULO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	-1332.994
1.61E-13	1.76E-17	1.10E-13
-888.533154		
0.25000	-11.939886	-1182.320
1.43E-13	1.76E-17	4.95E-14
-390.186560		
0.50000	-11.939886	-1031.646
1.25E-13	1.76E-17	-3.57E-15
48.455437		
0.75000	-11.939886	-880.971864
1.07E-13	1.76E-17	-4.95E-14
427.392837		
1.00000	-11.939886	-730.297801
8.84E-14	1.76E-17	-8.81E-14
746.625639		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

FRAME ELEMENT INTERNAL FORCES

COMB ULO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	-1332.819
1.61E-13	1.74E-17	1.10E-13
-887.833663		
0.25000	-11.939949	-1182.145
1.43E-13	1.74E-17	4.95E-14
-389.556555		
0.50000	-11.939949	-1031.471
1.25E-13	1.74E-17	-3.64E-15
49.015955		
0.75000	-11.939949	-880.796503
1.07E-13	1.74E-17	-4.95E-14
427.883868		
1.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		

COMB ULO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	-1332.819
1.61E-13	1.74E-17	1.10E-13
-887.833663		
0.25000	-11.939949	-1182.145
1.43E-13	1.74E-17	4.95E-14
-389.556555		
0.50000	-11.939949	-1031.471
1.25E-13	1.74E-17	-3.64E-15
49.015955		
0.75000	-11.939949	-880.796503
1.07E-13	1.74E-17	-4.95E-14
427.883868		
1.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		

COMB ULO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602698	920.790790
-1.11E-13	-1.23E-15	-6.47E-13
5357.161		
0.75000	-35.602698	1036.694
-1.25E-13	-1.23E-15	-6.00E-13
4969.334		
1.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		

COMB ULO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-80.352235	2364.223
-2.86E-13	-2.67E-15	-1.63E-12
13443.558		
0.25000	-80.352235	2514.897
-3.04E-13	-2.67E-15	-1.51E-12
12476.883		
0.50000	-80.352235	2665.571
-3.23E-13	-2.67E-15	-1.39E-12
11450.502		
0.75000	-80.352235	2816.245
-3.41E-13	-2.67E-15	-1.25E-12
10364.418		
1.00000	-80.352235	2966.919
-3.59E-13	-2.67E-15	-1.11E-12
9218.628		

COMB ULO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-80.352235	2364.223
-2.86E-13	-2.67E-15	-1.63E-12
13443.558		
0.25000	-80.352235	2514.897
-3.04E-13	-2.67E-15	-1.51E-12
12476.883		
0.50000	-80.352235	2665.571
-3.23E-13	-2.67E-15	-1.39E-12
11450.502		
0.75000	-80.352235	2816.245
-3.41E-13	-2.67E-15	-1.25E-12
10364.418		
1.00000	-80.352235	2966.919
-3.59E-13	-2.67E-15	-1.11E-12
9218.628		

COMB ULO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-46.283469	895.573869
-1.08E-13	-1.60E-15	-9.42E-13
7793.122		
0.25000	-46.283469	1046.248
-1.27E-13	-1.60E-15	-8.95E-13
7408.399		
0.50000	-46.283469	1196.922
-1.45E-13	-1.60E-15	-8.41E-13
6963.971		
0.75000	-46.283469	1347.596
-1.63E-13	-1.60E-15	-7.80E-13
6459.838		
1.00000	-46.283469	1498.270
-1.81E-13	-1.60E-15	-7.12E-13
5896.001		

COMB ULO04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-46.283469	895.573869
-1.08E-13	-1.60E-15	-9.42E-13
7793.122		
0.25000	-46.283469	1046.248
-1.27E-13	-1.60E-15	-8.95E-13
7408.399		
0.50000	-46.283469	1196.922
-1.45E-13	-1.60E-15	-8.41E-13
6963.971		
0.75000	-46.283469	1347.596
-1.63E-13	-1.60E-15	-7.80E-13
6459.838		
1.00000	-46.283469	1498.270
-1.81E-13	-1.60E-15	-7.12E-13
5896.001		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

FRAME ELEMENT INTERNAL FORCES

COMB ULO05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-46.283508	895.679901
-1.08E-13	-1.60E-15	-9.42E-13
7793.545		
0.25000	-46.283508	1046.354
-1.27E-13	-1.60E-15	-8.95E-13
7408.779		
0.50000	-46.283508	1197.028
-1.45E-13	-1.60E-15	-8.41E-13
6964.309		
0.75000	-46.283508	1347.702
-1.63E-13	-1.60E-15	-7.80E-13
6460.135		

1.00000 -46.283508 1498.376
-1.81E-13 -1.60E-15 -7.12E-13
5896.256

COMB ULO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -46.283508 895.679901
-1.08E-13 -1.60E-15 -9.42E-13
7793.545
0.25000 -46.283508 1046.354
-1.27E-13 -1.60E-15 -8.95E-13
7408.779
0.50000 -46.283508 1197.028
-1.45E-13 -1.60E-15 -8.41E-13
6964.309
0.75000 -46.283508 1347.702
-1.63E-13 -1.60E-15 -7.80E-13
6460.135
1.00000 -46.283508 1498.376
-1.81E-13 -1.60E-15 -7.12E-13
5896.256

COMB ULO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 -1332.853
1.61E-13 1.48E-17 1.67E-13
-1366.975
0.25000 -31.884265 -1182.179
1.43E-13 1.48E-17 1.07E-13
-868.684654
0.50000 -31.884265 -1031.505
1.25E-13 1.48E-17 5.35E-14
-430.098508
0.75000 -31.884265 -880.830914
1.07E-13 1.48E-17 7.63E-15
-51.216960
1.00000 -31.884265 -730.156851
8.84E-14 1.48E-17 -3.10E-14
267.959991

COMB ULO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 -1332.853
1.61E-13 1.48E-17 1.67E-13
-1366.975
0.25000 -31.884265 -1182.179
1.43E-13 1.48E-17 1.07E-13
-868.684654
0.50000 -31.884265 -1031.505
1.25E-13 1.48E-17 5.35E-14
-430.098508
0.75000 -31.884265 -880.830914
1.07E-13 1.48E-17 7.63E-15
-51.216960
1.00000 -31.884265 -730.156851
8.84E-14 1.48E-17 -3.10E-14
267.959991

COMB ULO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 1.75E-17 1.10E-13
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 1.75E-17 4.95E-14
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 1.75E-17 -3.60E-15
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 1.75E-17 -4.95E-14
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 1.75E-17 -8.81E-14
746.792296

COMB ULO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -1332.925
1.61E-13 1.75E-17 1.10E-13
-888.256611
0.25000 -11.939911 -1182.251
1.43E-13 1.75E-17 4.95E-14
-389.937489
0.50000 -11.939911 -1031.577
1.25E-13 1.75E-17 -3.60E-15
48.677037
0.75000 -11.939911 -880.902535
1.07E-13 1.75E-17 -4.95E-14
427.586965
1.00000 -11.939911 -730.228473
8.84E-14 1.75E-17 -8.81E-14
746.792296

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 249

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 ULO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -31.884303 -1332.747
1.61E-13 1.48E-17 1.67E-13
-1366.552
0.25000 -31.884303 -1182.073
1.43E-13 1.48E-17 1.07E-13
-868.303721
0.50000 -31.884303 -1031.399
1.25E-13 1.48E-17 5.35E-14
-429.759591
0.75000 -31.884303 -880.724882
1.07E-13 1.48E-17 7.60E-15
-50.920058
1.00000 -31.884303 -730.050819
8.84E-14 1.48E-17 -3.11E-14
268.214878

COMB ULO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -31.884303 -1332.747
1.61E-13 1.48E-17 1.67E-13
-1366.552
0.25000 -31.884303 -1182.073
1.43E-13 1.48E-17 1.07E-13
-868.303721
0.50000 -31.884303 -1031.399
1.25E-13 1.48E-17 5.35E-14
-429.759591
0.75000 -31.884303 -880.724882
1.07E-13 1.48E-17 7.60E-15
-50.920058
1.00000 -31.884303 -730.050819
8.84E-14 1.48E-17 -3.11E-14
268.214878

COMB ULO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 1.74E-17 1.10E-13
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 1.74E-17 4.95E-14
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 1.74E-17 -3.64E-15
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 1.74E-17 -4.95E-14
427.883868
1.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184

COMB ULO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -1332.819
1.61E-13 1.74E-17 1.10E-13
-887.833663
0.25000 -11.939949 -1182.145
1.43E-13 1.74E-17 4.95E-14
-389.556555
0.50000 -11.939949 -1031.471
1.25E-13 1.74E-17 -3.64E-15
49.015955
0.75000 -11.939949 -880.796503
1.07E-13 1.74E-17 -4.95E-14
427.883868
1.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184

COMB ULO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -96.439028 2273.360
-2.75E-13 -2.57E-15 -1.51E-12
12466.192
0.25000 -96.439028 2418.239
-2.93E-13 -2.57E-15 -1.40E-12
11536.669
0.50000 -96.439028 2563.118
-3.10E-13 -2.57E-15 -1.28E-12
10549.737
0.75000 -96.439028 2707.997
-3.28E-13 -2.57E-15 -1.15E-12
9505.398
1.00000 -96.439028 2852.876
-3.45E-13 -2.57E-15 -1.02E-12
8403.650

COMB ULO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -96.439028 2273.360
-2.75E-13 -2.57E-15 -1.51E-12
12466.192
0.25000 -96.439028 2418.239
-2.93E-13 -2.57E-15 -1.40E-12
11536.669
0.50000 -96.439028 2563.118
-3.10E-13 -2.57E-15 -1.28E-12
10549.737
0.75000 -96.439028 2707.997
-3.28E-13 -2.57E-15 -1.15E-12
9505.398
1.00000 -96.439028 2852.876
-3.45E-13 -2.57E-15 -1.02E-12
8403.650

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 250

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 ULO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.261764 2273.291
-2.75E-13 -2.57E-15 -1.56E-12
12926.498
0.25000 -77.261764 2418.170
-2.93E-13 -2.57E-15 -1.45E-12
11997.002
0.50000 -77.261764 2563.049
-3.10E-13 -2.57E-15 -1.33E-12
11010.098
0.75000 -77.261764 2707.928
-3.28E-13 -2.57E-15 -1.21E-12
9965.786
1.00000 -77.261764 2852.807
-3.45E-13 -2.57E-15 -1.07E-12
8864.065

COMB ULO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.261764 2273.291
-2.75E-13 -2.57E-15 -1.56E-12
12926.498
0.25000 -77.261764 2418.170
-2.93E-13 -2.57E-15 -1.45E-12
11997.002
0.50000 -77.261764 2563.049
-3.10E-13 -2.57E-15 -1.33E-12
11010.098
0.75000 -77.261764 2707.928
-3.28E-13 -2.57E-15 -1.21E-12
9965.786
1.00000 -77.261764 2852.807
-3.45E-13 -2.57E-15 -1.07E-12
8864.065

COMB ULO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -63.680599 861.197587
-1.04E-13 -1.54E-15 -8.51E-13
7033.080
0.25000 -63.680599 1006.076
-1.22E-13 -1.54E-15 -8.06E-13
6663.126
0.50000 -63.680599 1150.955
-1.39E-13 -1.54E-15 -7.54E-13
6235.764
0.75000 -63.680599 1295.834
-1.57E-13 -1.54E-15 -6.95E-13
5750.994
1.00000 -63.680599 1440.713
-1.74E-13 -1.54E-15 -6.30E-13
5208.816

COMB ULO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -63.680599 861.197587
-1.04E-13 -1.54E-15 -8.51E-13
7033.080
0.25000 -63.680599 1006.076
-1.22E-13 -1.54E-15 -8.06E-13
6663.126
0.50000 -63.680599 1150.955
-1.39E-13 -1.54E-15 -7.54E-13
6235.764
0.75000 -63.680599 1295.834
-1.57E-13 -1.54E-15 -6.95E-13
5750.994
1.00000 -63.680599 1440.713
-1.74E-13 -1.54E-15 -6.30E-13
5208.816

COMB ULO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -44.503336 861.128720
-1.04E-13 -1.54E-15 -9.05E-13
7493.387
0.25000 -44.503336 1006.008
-1.22E-13 -1.54E-15 -8.61E-13
7123.460
0.50000 -44.503336 1150.887
-1.39E-13 -1.54E-15 -8.09E-13
6696.125
0.75000 -44.503336 1295.765
-1.57E-13 -1.54E-15 -7.50E-13
6211.383
1.00000 -44.503336 1440.644
-1.74E-13 -1.54E-15 -6.85E-13
5669.231

COMB ULO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -44.503336 861.128720
-1.04E-13 -1.54E-15 -9.05E-13
7493.387
0.25000 -44.503336 1006.008
-1.22E-13 -1.54E-15 -8.61E-13
7123.460
0.50000 -44.503336 1150.887
-1.39E-13 -1.54E-15 -8.09E-13
6696.125
0.75000 -44.503336 1295.765
-1.57E-13 -1.54E-15 -7.50E-13
6211.383
1.00000 -44.503336 1440.644
-1.74E-13 -1.54E-15 -6.85E-13
5669.231

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 251

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 ULO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -63.680636 861.299541
-1.04E-13 -1.54E-15 -8.51E-13
7033.487
0.25000 -63.680636 1006.178
-1.22E-13 -1.54E-15 -8.06E-13
6663.493
0.50000 -63.680636 1151.057
-1.39E-13 -1.54E-15 -7.54E-13
6236.090
0.75000 -63.680636 1295.936
-1.57E-13 -1.54E-15 -6.95E-13
5751.280
1.00000 -63.680636 1440.815
-1.74E-13 -1.54E-15 -6.30E-13
5209.061

COMB ULO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -63.680636 861.299541
-1.04E-13 -1.54E-15 -8.51E-13
7033.487
0.25000 -63.680636 1006.178
-1.22E-13 -1.54E-15 -8.06E-13
6663.493
0.50000 -63.680636 1151.057
-1.39E-13 -1.54E-15 -7.54E-13
6236.090
0.75000 -63.680636 1295.936
-1.57E-13 -1.54E-15 -6.95E-13
5751.280
1.00000 -63.680636 1440.815
-1.74E-13 -1.54E-15 -6.30E-13

5209.061

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503373	861.230674
-1.04E-13	-1.54E-15	-9.06E-13
7493.793		
0.25000	-44.503373	1006.110
-1.22E-13	-1.54E-15	-8.61E-13
7123.826		
0.50000	-44.503373	1150.988
-1.39E-13	-1.54E-15	-8.09E-13
6696.451		
0.75000	-44.503373	1295.867
-1.57E-13	-1.54E-15	-7.50E-13
6211.668		
1.00000	-44.503373	1440.746
-1.74E-13	-1.54E-15	-6.85E-13
5669.476		

COMB ULO15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503373	861.230674
-1.04E-13	-1.54E-15	-9.06E-13
7493.793		
0.25000	-44.503373	1006.110
-1.22E-13	-1.54E-15	-8.61E-13
7123.826		
0.50000	-44.503373	1150.988
-1.39E-13	-1.54E-15	-8.09E-13
6696.451		
0.75000	-44.503373	1295.867
-1.57E-13	-1.54E-15	-7.50E-13
6211.668		
1.00000	-44.503373	1440.746
-1.74E-13	-1.54E-15	-6.85E-13
5669.476		

COMB ULO16 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB ULO16 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 252

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 ULO17 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-1332.925
1.61E-13	1.75E-17	1.10E-13
-888.256611		
0.25000	-11.939911	-1182.251
1.43E-13	1.75E-17	4.95E-14
-389.937489		
0.50000	-11.939911	-1031.577
1.25E-13	1.75E-17	-3.60E-15
48.677037		
0.75000	-11.939911	-880.902535
1.07E-13	1.75E-17	-4.95E-14
427.586965		
1.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		

COMB ULO17 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-1332.925
1.61E-13	1.75E-17	1.10E-13
-888.256611		
0.25000	-11.939911	-1182.251
1.43E-13	1.75E-17	4.95E-14
-389.937489		
0.50000	-11.939911	-1031.577
1.25E-13	1.75E-17	-3.60E-15
48.677037		
0.75000	-11.939911	-880.902535
1.07E-13	1.75E-17	-4.95E-14
427.586965		
1.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		

COMB ULO18 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-74.171294	2182.360
-2.64E-13	-2.47E-15	-1.50E-12
12409.438		
0.25000	-74.171294	2321.443
-2.81E-13	-2.47E-15	-1.39E-12
11517.122		
0.50000	-74.171294	2460.527
-2.98E-13	-2.47E-15	-1.28E-12
10569.694		
0.75000	-74.171294	2599.611
-3.15E-13	-2.47E-15	-1.16E-12
9567.155		
1.00000	-74.171294	2738.695
-3.32E-13	-2.47E-15	-1.03E-12
8509.503		

COMB ULO18 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-74.171294	2182.360
-2.64E-13	-2.47E-15	-1.50E-12
12409.438		
0.25000	-74.171294	2321.443
-2.81E-13	-2.47E-15	-1.39E-12
11517.122		
0.50000	-74.171294	2460.527
-2.98E-13	-2.47E-15	-1.28E-12
10569.694		
0.75000	-74.171294	2599.611
-3.15E-13	-2.47E-15	-1.16E-12
9567.155		
1.00000	-74.171294	2738.695
-3.32E-13	-2.47E-15	-1.03E-12
8509.503		

COMB UEO01 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184513	-1025.421
1.24E-13	1.35E-17	8.46E-14
-683.648463		
0.25000	-9.184513	-909.517382
1.10E-13	1.35E-17	3.81E-14
-300.288893		
0.50000	-9.184513	-793.614257
9.61E-14	1.35E-17	-2.73E-15
37.144063		
0.75000	-9.184513	-677.711132
8.21E-14	1.35E-17	-3.80E-14
328.650406		
1.00000	-9.184513	-561.808007
6.80E-14	1.35E-17	-6.78E-14
574.230135		

COMB UEO01 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184513	-1025.421
1.24E-13	1.35E-17	8.46E-14
-683.648463		
0.25000	-9.184513	-909.517382
1.10E-13	1.35E-17	3.81E-14
-300.288893		
0.50000	-9.184513	-793.614257
9.61E-14	1.35E-17	-2.73E-15
37.144063		
0.75000	-9.184513	-677.711132
8.21E-14	1.35E-17	-3.80E-14
328.650406		
1.00000	-9.184513	-561.808007
6.80E-14	1.35E-17	-6.78E-14
574.230135		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 253

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 UEO02 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB UEO02 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB UEO03 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.596862	2671.796
-3.23E-13	-2.68E-15	-1.65E-12
13648.443		
0.25000	-77.596862	2787.700
-3.37E-13	-2.68E-15	-1.52E-12
12566.780		
0.50000	-77.596862	2903.603
-3.52E-13	-2.68E-15	-1.38E-12
11439.191		
0.75000	-77.596862	3019.506
-3.66E-13	-2.68E-15	-1.24E-12
10265.675		
1.00000	-77.596862	3135.409
-3.80E-13	-2.68E-15	-1.09E-12
9046.233		

COMB UEO03 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.596862	2671.796
-3.23E-13	-2.68E-15	-1.65E-12
13648.443		
0.25000	-77.596862	2787.700
-3.37E-13	-2.68E-15	-1.52E-12
12566.780		
0.50000	-77.596862	2903.603
-3.52E-13	-2.68E-15	-1.38E-12
11439.191		
0.75000	-77.596862	3019.506
-3.66E-13	-2.68E-15	-1.24E-12
10265.675		
1.00000	-77.596862	3135.409
-3.80E-13	-2.68E-15	-1.09E-12
9046.233		

COMB UEO04 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-43.528096	1203.147
-1.46E-13	-1.61E-15	-9.67E-13
7998.007		
0.25000	-43.528096	1319.051
-1.60E-13	-1.61E-15	-9.07E-13
7498.296		
0.50000	-43.528096	1434.954
-1.74E-13	-1.61E-15	-8.41E-13
6952.659		
0.75000	-43.528096	1550.857
-1.88E-13	-1.61E-15	-7.69E-13
6361.095		
1.00000	-43.528096	1666.760
-2.02E-13	-1.61E-15	-6.92E-13
5723.605		

COMB UEO04 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-43.528096	1203.147
-1.46E-13	-1.61E-15	-9.67E-13
7998.007		
0.25000	-43.528096	1319.051
-1.60E-13	-1.61E-15	-9.07E-13
7498.296		
0.50000	-43.528096	1434.954
-1.74E-13	-1.61E-15	-8.41E-13
6952.659		
0.75000	-43.528096	1550.857
-1.88E-13	-1.61E-15	-7.69E-13
6361.095		
1.00000	-43.528096	1666.760
-2.02E-13	-1.61E-15	-6.92E-13
5723.605		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 254

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 UEO05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-43.528135	1203.253
-1.46E-13	-1.61E-15	-9.67E-13
7998.430		
0.25000	-43.528135	1319.157
-1.60E-13	-1.61E-15	-9.07E-13
7498.677		
0.50000	-43.528135	1435.060
-1.74E-13	-1.61E-15	-8.41E-13
6952.998		
0.75000	-43.528135	1550.963
-1.88E-13	-1.61E-15	-7.69E-13
6361.392		
1.00000	-43.528135	1666.866
-2.02E-13	-1.61E-15	-6.92E-13
5723.860		

COMB UEO05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-43.528135	1203.253
-1.46E-13	-1.61E-15	-9.67E-13
7998.430		
0.25000	-43.528135	1319.157
-1.60E-13	-1.61E-15	-9.07E-13
7498.677		
0.50000	-43.528135	1435.060
-1.74E-13	-1.61E-15	-8.41E-13
6952.998		
0.75000	-43.528135	1550.963
-1.88E-13	-1.61E-15	-7.69E-13
6361.392		
1.00000	-43.528135	1666.866
-2.02E-13	-1.61E-15	-6.92E-13
5723.860		

COMB UEO06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-29.128892	-1025.280
1.24E-13	1.08E-17	1.42E-13
-1162.091		
0.25000	-29.128892	-909.376432
1.10E-13	1.08E-17	9.52E-14
-778.786987		
0.50000	-29.128892	-793.473307
9.61E-14	1.08E-17	5.44E-14
-441.409883		
0.75000	-29.128892	-677.570182
8.21E-14	1.08E-17	1.91E-14
-149.959391		
1.00000	-29.128892	-561.667057
6.80E-14	1.08E-17	-1.07E-14
95.564487		

COMB UEO06 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128892	-1025.280
1.24E-13	1.08E-17	1.42E-13
-1162.091		
0.25000	-29.128892	-909.376432
1.10E-13	1.08E-17	9.52E-14
-778.786987		
0.50000	-29.128892	-793.473307
9.61E-14	1.08E-17	5.44E-14
-441.409883		
0.75000	-29.128892	-677.570182
8.21E-14	1.08E-17	1.91E-14
-149.959391		
1.00000	-29.128892	-561.667057
6.80E-14	1.08E-17	-1.07E-14
95.564487		

COMB UEO07 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-1025.351
1.24E-13	1.35E-17	8.45E-14
-683.371920		
0.25000	-9.184538	-909.448054
1.10E-13	1.35E-17	3.81E-14
-300.039822		
0.50000	-9.184538	-793.544929
9.61E-14	1.35E-17	-2.76E-15
37.365663		
0.75000	-9.184538	-677.641804
8.21E-14	1.35E-17	-3.81E-14
328.844534		
1.00000	-9.184538	-561.738679
6.80E-14	1.35E-17	-6.78E-14
574.396792		

COMB UEO07 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-1025.351
1.24E-13	1.35E-17	8.45E-14
-683.371920		
0.25000	-9.184538	-909.448054
1.10E-13	1.35E-17	3.81E-14
-300.039822		
0.50000	-9.184538	-793.544929
9.61E-14	1.35E-17	-2.76E-15
37.365663		
0.75000	-9.184538	-677.641804
8.21E-14	1.35E-17	-3.81E-14
328.844534		
1.00000	-9.184538	-561.738679
6.80E-14	1.35E-17	-6.78E-14
574.396792		

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 UEO08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128930	-1025.174
1.24E-13	1.07E-17	1.42E-13
-1161.668		
0.25000	-29.128930	-909.270400
1.10E-13	1.07E-17	9.52E-14
-778.406054		
0.50000	-29.128930	-793.367275
9.61E-14	1.07E-17	5.43E-14
-441.070965		
0.75000	-29.128930	-677.464150
8.20E-14	1.07E-17	1.90E-14
-149.662489		
1.00000	-29.128930	-561.561025
6.80E-14	1.07E-17	-1.07E-14
95.819374		

COMB UEO08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128930	-1025.174
1.24E-13	1.07E-17	1.42E-13
-1161.668		
0.25000	-29.128930	-909.270400
1.10E-13	1.07E-17	9.52E-14
-778.406054		
0.50000	-29.128930	-793.367275
9.61E-14	1.07E-17	5.43E-14
-441.070965		
0.75000	-29.128930	-677.464150
8.20E-14	1.07E-17	1.90E-14
-149.662489		
1.00000	-29.128930	-561.561025
6.80E-14	1.07E-17	-1.07E-14
95.819374		

COMB UEO09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB UEO09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-1025.245
1.24E-13	1.34E-17	8.45E-14
-682.948972		
0.25000	-9.184576	-909.342022
1.10E-13	1.34E-17	3.81E-14
-299.658889		
0.50000	-9.184576	-793.438897
9.61E-14	1.34E-17	-2.80E-15
37.704581		
0.75000	-9.184576	-677.535772
8.21E-14	1.34E-17	-3.81E-14
329.141437		
1.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		

COMB UEO10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-93.683655	2580.934
-3.12E-13	-2.58E-15	-1.53E-12
12671.076		
0.25000	-93.683655	2691.042
-3.26E-13	-2.58E-15	-1.41E-12
11626.566		
0.50000	-93.683655	2801.150
-3.39E-13	-2.58E-15	-1.28E-12
10538.426		
0.75000	-93.683655	2911.258
-3.52E-13	-2.58E-15	-1.14E-12
9406.655		
1.00000	-93.683655	3021.366
-3.66E-13	-2.58E-15	-9.97E-13
8231.254		

COMB UEO10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-93.683655	2580.934
-3.12E-13	-2.58E-15	-1.53E-12
12671.076		
0.25000	-93.683655	2691.042
-3.26E-13	-2.58E-15	-1.41E-12
11626.566		
0.50000	-93.683655	2801.150
-3.39E-13	-2.58E-15	-1.28E-12
10538.426		
0.75000	-93.683655	2911.258
-3.52E-13	-2.58E-15	-1.14E-12
9406.655		
1.00000	-93.683655	3021.366
-3.66E-13	-2.58E-15	-9.97E-13
8231.254		

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 UEO11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-74.506391	2580.865
-3.12E-13	-2.57E-15	-1.59E-12
13131.383		
0.25000	-74.506391	2690.973
-3.26E-13	-2.57E-15	-1.46E-12
12086.900		
0.50000	-74.506391	2801.081
-3.39E-13	-2.57E-15	-1.33E-12
10998.787		
0.75000	-74.506391	2911.189
-3.52E-13	-2.57E-15	-1.19E-12
9867.044		
1.00000	-74.506391	3021.297
-3.66E-13	-2.57E-15	-1.05E-12
8691.670		

COMB UEO11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-74.506391	2580.865
-3.12E-13	-2.57E-15	-1.59E-12
13131.383		
0.25000	-74.506391	2690.973
-3.26E-13	-2.57E-15	-1.46E-12
12086.900		
0.50000	-74.506391	2801.081
-3.39E-13	-2.57E-15	-1.33E-12
10998.787		
0.75000	-74.506391	2911.189
-3.52E-13	-2.57E-15	-1.19E-12
9867.044		
1.00000	-74.506391	3021.297
-3.66E-13	-2.57E-15	-1.05E-12
8691.670		

COMB UEO12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-60.925227	1168.771
-1.41E-13	-1.55E-15	-8.76E-13
7237.965		
0.25000	-60.925227	1278.879
-1.55E-13	-1.55E-15	-8.17E-13
6753.024		
0.50000	-60.925227	1388.987
-1.68E-13	-1.55E-15	-7.53E-13
6224.453		
0.75000	-60.925227	1499.095
-1.81E-13	-1.55E-15	-6.84E-13
5652.252		
1.00000	-60.925227	1609.203
-1.95E-13	-1.55E-15	-6.09E-13
5036.420		

COMB UEO12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-60.925227	1168.771
-1.41E-13	-1.55E-15	-8.76E-13
7237.965		
0.25000	-60.925227	1278.879
-1.55E-13	-1.55E-15	-8.17E-13
6753.024		
0.50000	-60.925227	1388.987
-1.68E-13	-1.55E-15	-7.53E-13
6224.453		
0.75000	-60.925227	1499.095
-1.81E-13	-1.55E-15	-6.84E-13
5652.252		
1.00000	-60.925227	1609.203
-1.95E-13	-1.55E-15	-6.09E-13
5036.420		

COMB UEO13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-41.747963	1168.702
-1.41E-13	-1.55E-15	-9.31E-13
7698.271		
0.25000	-41.747963	1278.810
-1.55E-13	-1.55E-15	-8.72E-13
7213.358		
0.50000	-41.747963	1388.918
-1.68E-13	-1.55E-15	-8.08E-13
6684.814		
0.75000	-41.747963	1499.026
-1.81E-13	-1.55E-15	-7.39E-13
6112.640		
1.00000	-41.747963	1609.134
-1.95E-13	-1.55E-15	-6.64E-13
5496.836		

COMB UEO13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-41.747963	1168.702
-1.41E-13	-1.55E-15	-9.31E-13
7698.271		
0.25000	-41.747963	1278.810
-1.55E-13	-1.55E-15	-8.72E-13
7213.358		
0.50000	-41.747963	1388.918
-1.68E-13	-1.55E-15	-8.08E-13
6684.814		
0.75000	-41.747963	1499.026
-1.81E-13	-1.55E-15	-7.39E-13
6112.640		
1.00000	-41.747963	1609.134
-1.95E-13	-1.55E-15	-6.64E-13
5496.836		

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 UEO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-60.925263	1168.873
-1.41E-13	-1.55E-15	-8.76E-13
7238.371		
0.25000	-60.925263	1278.981
-1.55E-13	-1.55E-15	-8.17E-13
6753.390		
0.50000	-60.925263	1389.089
-1.68E-13	-1.55E-15	-7.53E-13
6224.779		
0.75000	-60.925263	1499.197
-1.81E-13	-1.55E-15	-6.84E-13
5652.537		
1.00000	-60.925263	1609.305
-1.95E-13	-1.55E-15	-6.09E-13
5036.665		

COMB UEO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-60.925263	1168.873
-1.41E-13	-1.55E-15	-8.76E-13
7238.371		
0.25000	-60.925263	1278.981
-1.55E-13	-1.55E-15	-8.17E-13
6753.390		
0.50000	-60.925263	1389.089
-1.68E-13	-1.55E-15	-7.53E-13
6224.779		
0.75000	-60.925263	1499.197
-1.81E-13	-1.55E-15	-6.84E-13
5652.537		
1.00000	-60.925263	1609.305
-1.95E-13	-1.55E-15	-6.09E-13
5036.665		

COMB UEO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-41.748000	1168.804
-1.41E-13	-1.55E-15	-9.31E-13
7698.678		
0.25000	-41.748000	1278.912
-1.55E-13	-1.55E-15	-8.72E-13
7213.724		
0.50000	-41.748000	1389.020
-1.68E-13	-1.55E-15	-8.08E-13
6685.140		
0.75000	-41.748000	1499.128
-1.81E-13	-1.55E-15	-7.39E-13
6112.926		
1.00000	-41.748000	1609.236
-1.95E-13	-1.55E-15	-6.64E-13
5497.081		

COMB UEO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-41.748000	1168.804
-1.41E-13	-1.55E-15	-9.31E-13
7698.678		
0.25000	-41.748000	1278.912
-1.55E-13	-1.55E-15	-8.72E-13
7213.724		
0.50000	-41.748000	1389.020
-1.68E-13	-1.55E-15	-8.08E-13
6685.140		
0.75000	-41.748000	1499.128
-1.81E-13	-1.55E-15	-7.39E-13
6112.926		
1.00000	-41.748000	1609.236
-1.95E-13	-1.55E-15	-6.64E-13
5497.081		

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.245
1.24E-13 1.34E-17 8.45E-14
-682.948972
0.25000 -9.184576 -909.342022
1.10E-13 1.34E-17 3.81E-14
-299.658889
0.50000 -9.184576 -793.438897
9.61E-14 1.34E-17 -2.80E-15
37.704581
0.75000 -9.184576 -677.535772
8.21E-14 1.34E-17 -3.81E-14
329.141437
1.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 258

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
1.24E-13 1.35E-17 8.45E-14
-683.371920
0.25000 -9.184538 -909.448054
1.10E-13 1.35E-17 3.81E-14
-300.039822
0.50000 -9.184538 -793.544929
9.61E-14 1.35E-17 -2.76E-15
37.365663
0.75000 -9.184538 -677.641804
8.21E-14 1.35E-17 -3.81E-14
328.844534
1.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -1025.351
1.24E-13 1.35E-17 8.45E-14
-683.371920
0.25000 -9.184538 -909.448054
1.10E-13 1.35E-17 3.81E-14
-300.039822
0.50000 -9.184538 -793.544929
9.61E-14 1.35E-17 -2.76E-15
37.365663
0.75000 -9.184538 -677.641804
8.21E-14 1.35E-17 -3.81E-14
328.844534
1.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 2489.933
-3.01E-13 -2.47E-15 -1.53E-12
12614.323
0.25000 -71.415921 2594.246
-3.14E-13 -2.47E-15 -1.40E-12
11607.020
0.50000 -71.415921 2698.559
-3.27E-13 -2.47E-15 -1.28E-12
10558.383
0.75000 -71.415921 2802.872
-3.39E-13 -2.47E-15 -1.15E-12
9468.412
1.00000 -71.415921 2907.184
-3.52E-13 -2.47E-15 -1.01E-12
8337.107

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 2489.933
-3.01E-13 -2.47E-15 -1.53E-12
12614.323
0.25000 -71.415921 2594.246
-3.14E-13 -2.47E-15 -1.40E-12
11607.020
0.50000 -71.415921 2698.559
-3.27E-13 -2.47E-15 -1.28E-12
10558.383
0.75000 -71.415921 2802.872
-3.39E-13 -2.47E-15 -1.15E-12
9468.412
1.00000 -71.415921 2907.184
-3.52E-13 -2.47E-15 -1.01E-12
8337.107

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -1332.994
1.61E-13 1.76E-17 1.10E-13
-888.533154
0.25000 -11.939886 -1182.320
1.43E-13 1.76E-17 4.95E-14
-390.186560
0.50000 -11.939886 -1031.646
1.25E-13 1.76E-17 -3.57E-15
48.455437
0.75000 -11.939886 -880.971864
1.07E-13 1.76E-17 -4.95E-14
427.392837
1.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -1332.994
1.61E-13 1.76E-17 1.10E-13
-888.533154
0.25000 -11.939886 -1182.320
1.43E-13 1.76E-17 4.95E-14
-390.186560
0.50000 -11.939886 -1031.646
1.25E-13 1.76E-17 -3.57E-15
48.455437
0.75000 -11.939886 -880.971864
1.07E-13 1.76E-17 -4.95E-14
427.392837
1.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 259

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -1025.245
1.24E-13 1.35E-17 8.46E-14
-682.948972
0.25000 -9.184513 -909.342022
1.10E-13 1.35E-17 3.81E-14
-299.658889
0.50000 -9.184513 -793.438897
9.61E-14 1.35E-17 -2.73E-15
37.704581
0.75000 -9.184513 -677.535772
8.21E-14 1.35E-17 -3.80E-14
329.141437
1.00000 -9.184513 -561.632647
6.80E-14 1.35E-17 -6.78E-14
574.651680

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.421
1.24E-13 1.34E-17 8.45E-14
-683.648463
0.25000 -9.184576 -909.517382
1.10E-13 1.34E-17 3.81E-14
-300.288893
0.50000 -9.184576 -793.614257
9.61E-14 1.34E-17 -2.80E-15
37.144063
0.75000 -9.184576 -677.711132
8.21E-14 1.34E-17 -3.81E-14
328.650406
1.00000 -9.184576 -561.808007
6.80E-14 1.34E-17 -6.78E-14
574.230135

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -1332.994
1.61E-13 1.76E-17 1.10E-13
-888.533154
0.25000 -11.939886 -1182.320
1.43E-13 1.76E-17 4.95E-14
-390.186560
0.50000 -11.939886 -1031.646
1.25E-13 1.76E-17 -3.57E-15
48.455437
0.75000 -11.939886 -880.971864
1.07E-13 1.76E-17 -4.95E-14
427.392837
1.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -1332.994
1.61E-13 1.76E-17 1.10E-13
-888.533154
0.25000 -11.939886 -1182.320
1.43E-13 1.76E-17 4.95E-14
-390.186560
0.50000 -11.939886 -1031.646
1.25E-13 1.76E-17 -3.57E-15
48.455437
0.75000 -11.939886 -880.971864
1.07E-13 1.76E-17 -4.95E-14
427.392837
1.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -1025.245
1.24E-13 1.35E-17 8.46E-14
-682.948972
0.25000 -9.184513 -909.342022
1.10E-13 1.35E-17 3.81E-14
-299.658889
0.50000 -9.184513 -793.438897
9.61E-14 1.35E-17 -2.73E-15
37.704581
0.75000 -9.184513 -677.535772
8.21E-14 1.35E-17 -3.80E-14
329.141437
1.00000 -9.184513 -561.632647
6.80E-14 1.35E-17 -6.78E-14
574.651680

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -1025.421
1.24E-13 1.34E-17 8.45E-14
-683.648463
0.25000 -9.184576 -909.517382
1.10E-13 1.34E-17 3.81E-14
-300.288893
0.50000 -9.184576 -793.614257
9.61E-14 1.34E-17 -2.80E-15
37.144063
0.75000 -9.184576 -677.711132
8.21E-14 1.34E-17 -3.81E-14
328.650406
1.00000 -9.184576 -561.808007
6.80E-14 1.34E-17 -6.78E-14
574.230135
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 260

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 4 ==========
LENGTH = 1.615000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 2.37E-17
-0.196067
0.25000 2.95E-05 -0.081563
9.88E-18 5.93E-20 1.98E-17
-0.163136
0.50000 2.95E-05 -0.081563
9.88E-18 5.93E-20 1.58E-17
-0.130205
0.75000 2.95E-05 -0.081563
9.88E-18 5.93E-20 1.18E-17
-0.097274
1.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 7.79E-18
-0.064343

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 3.16E-17 -3.33E-15
-27.520707 -5.784978 33.479627
5.02E-15
0.25000 3.16E-17 -2.70E-15
-22.297192 -5.784978 43.521333
6.24E-15
0.50000 3.16E-17 -2.12E-15
-17.527895 -5.784978 51.545740
7.21E-15
0.75000 3.16E-17 -1.60E-15
-13.212817 -5.784978 57.736238
7.96E-15
1.00000 3.16E-17 -1.13E-15
-9.351957 -5.784978 62.276220
8.51E-15

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 1.52E-26 1.54E-24
1.06E-08 7.39E-09 2.84E-08
2.46E-24
0.25000 1.52E-26 1.54E-24
1.06E-08 7.39E-09 2.41E-08
1.83E-24
0.50000 1.52E-26 1.54E-24
1.06E-08 7.39E-09 1.99E-08
1.21E-24
0.75000 1.52E-26 1.54E-24
1.06E-08 7.39E-09 1.56E-08
5.93E-25
1.00000 1.52E-26 1.54E-24
1.06E-08 7.39E-09 1.13E-08
-2.82E-26

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -7.90E-13

6516.601
0.25000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -6.51E-13
5368.385
0.50000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -5.12E-13
4220.169

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 -52.624835 2843.878
-3.44E-13 -2.07E-15 -3.73E-13
3071.953
1.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -2.34E-13
1923.737

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -8.51E-14
702.629129
0.25000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -7.08E-14
584.616798
0.50000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -5.65E-14
466.604467
0.75000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -4.22E-14
348.592136
1.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -2.79E-14
230.579806

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.332543
0.25000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.354787
0.50000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.39E-14
-368.377031
0.75000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.399275
1.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.421519

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612
0.25000 -9.184547 -448.538038
5.43E-14 1.35E-17 -9.25E-14
778.069163
0.50000 -9.184547 -345.203272
4.18E-14 1.35E-17 -1.12E-13
937.974567
0.75000 -9.184547 -251.709913
3.05E-14 1.35E-17 -1.26E-13
1058.145
1.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612
0.25000 -9.184547 -448.538038
5.43E-14 1.35E-17 -9.25E-14
778.069163
0.50000 -9.184547 -345.203272
4.18E-14 1.35E-17 -1.12E-13
937.974567
0.75000 -9.184547 -251.709913
3.05E-14 1.35E-17 -1.26E-13
1058.145
1.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680

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 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-27.520707 -5.784978 33.479627
574.651680
0.25000 -9.184576 -448.456475
-22.297192 -5.784978 43.521333
778.232299
0.50000 -9.184576 -345.121709
-17.527895 -5.784978 51.545740
938.104772
0.75000 -9.184576 -251.628350
-13.212817 -5.784978 57.736238
1058.243
1.00000 -9.184576 -167.976397
-9.351957 -5.784978 62.276220
1142.619

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-27.520707 -5.784978 33.479627
574.651680
0.25000 -9.184576 -448.456475
-22.297192 -5.784978 43.521333
778.232299
0.50000 -9.184576 -345.121709
-17.527895 -5.784978 51.545740
938.104772
0.75000 -9.184576 -251.628350
-13.212817 -5.784978 57.736238
1058.243
1.00000 -9.184576 -167.976397
-9.351957 -5.784978 62.276220
1142.619

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612
0.25000 -9.184547 -448.538038
-11.148596 -2.892489 21.760667
778.069163
0.50000 -9.184547 -345.203272
-8.763947 -2.892489 25.772870
937.974567
0.75000 -9.184547 -251.709913
-6.606408 -2.892489 28.868119
1058.145
1.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612
0.25000 -9.184547 -448.538038
-11.148596 -2.892489 21.760667
778.069163
0.50000 -9.184547 -345.203272
-8.763947 -2.892489 25.772870
937.974567
0.75000 -9.184547 -251.709913
-6.606408 -2.892489 28.868119
1058.145
1.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555

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 SVB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680
0.25000 -9.184576 -448.456475
-11.148596 -2.892489 21.760667
778.232299
0.50000 -9.184576 -345.121709
-8.763947 -2.892489 25.772870
938.104772
0.75000 -9.184576 -251.628350
-6.606408 -2.892489 28.868119
1058.243
1.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619

COMB SVB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680
0.25000 -9.184576 -448.456475
-11.148596 -2.892489 21.760667
778.232299
0.50000 -9.184576 -345.121709
-8.763947 -2.892489 25.772870
938.104772
0.75000 -9.184576 -251.628350
-6.606408 -2.892489 28.868119
1058.243
1.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619

COMB SVB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
1.06E-08 7.39E-09 2.84E-08
574.455612
0.25000 -9.184547 -448.538038
1.06E-08 7.39E-09 2.41E-08
778.069163
0.50000 -9.184547 -345.203272
1.06E-08 7.39E-09 1.99E-08
937.974567
0.75000 -9.184547 -251.709913
1.06E-08 7.39E-09 1.56E-08
1058.145
1.00000 -9.184547 -168.057960
1.06E-08 7.39E-09 1.13E-08
1142.555

COMB SVB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
1.06E-08 7.39E-09 2.84E-08
574.455612
0.25000 -9.184547 -448.538038
1.06E-08 7.39E-09 2.41E-08
778.069163
0.50000 -9.184547 -345.203272
1.06E-08 7.39E-09 1.99E-08
937.974567
0.75000 -9.184547 -251.709913
1.06E-08 7.39E-09 1.56E-08
1058.145
1.00000 -9.184547 -168.057960
1.06E-08 7.39E-09 1.13E-08
1142.555

COMB SVB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612
0.25000 -9.184547 -448.538038
5.43E-14 1.35E-17 -9.25E-14
778.069163
0.50000 -9.184547 -345.203272
4.18E-14 1.35E-17 -1.12E-13
937.974567
0.75000 -9.184547 -251.709913
3.05E-14 1.35E-17 -1.26E-13
1058.145
1.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612
0.25000 -9.184547 -448.538038
5.43E-14 1.35E-17 -9.25E-14
778.069163
0.50000 -9.184547 -345.203272
4.18E-14 1.35E-17 -1.12E-13
937.974567
0.75000 -9.184547 -251.709913
3.05E-14 1.35E-17 -1.26E-13
1058.145
1.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555

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 SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
1.06E-08 7.39E-09 2.84E-08
574.651680
0.25000 -9.184576 -448.456475
1.06E-08 7.39E-09 2.41E-08
778.232299
0.50000 -9.184576 -345.121709
1.06E-08 7.39E-09 1.99E-08
938.104772
0.75000 -9.184576 -251.628350
1.06E-08 7.39E-09 1.56E-08
1058.243
1.00000 -9.184576 -167.976397

1.06E-08 7.39E-09 1.13E-08
1142.619

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
1.06E-08 7.39E-09 2.84E-08
574.651680
0.25000 -9.184576 -448.456475
1.06E-08 7.39E-09 2.41E-08
778.232299
0.50000 -9.184576 -345.121709
1.06E-08 7.39E-09 1.99E-08
938.104772
0.75000 -9.184576 -251.628350
1.06E-08 7.39E-09 1.56E-08
1058.243
1.00000 -9.184576 -167.976397
1.06E-08 7.39E-09 1.13E-08
1142.619

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-27.520707 -5.784978 33.479627
574.651680
0.25000 -9.184576 -448.456475
-22.297192 -5.784978 43.521333
778.232299
0.50000 -9.184576 -345.121709
-17.527895 -5.784978 51.545740
938.104772
0.75000 -9.184576 -251.628350
-13.212817 -5.784978 57.736239
1058.243
1.00000 -9.184576 -167.976397
-9.351957 -5.784978 62.276220
1142.619

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-27.520707 -5.784978 33.479627
574.651680
0.25000 -9.184576 -448.456475
-22.297192 -5.784978 43.521333
778.232299
0.50000 -9.184576 -345.121709
-17.527895 -5.784978 51.545740
938.104772
0.75000 -9.184576 -251.628350
-13.212817 -5.784978 57.736239
1058.243
1.00000 -9.184576 -167.976397
-9.351957 -5.784978 62.276220
1142.619

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 265

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 SVB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-27.520707 -5.784978 33.479627
574.651680
0.25000 -9.184576 -448.456475
-22.297192 -5.784978 43.521333
778.232299
0.50000 -9.184576 -345.121709
-17.527895 -5.784978 51.545740
938.104772
0.75000 -9.184576 -251.628350
-13.212817 -5.784978 57.736238
1058.243
1.00000 -9.184576 -167.976397
-9.351957 -5.784978 62.276220
1142.619

COMB SVB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-27.520707 -5.784978 33.479627
574.651680
0.25000 -9.184576 -448.456475
-22.297192 -5.784978 43.521333
778.232299
0.50000 -9.184576 -345.121709
-17.527895 -5.784978 51.545740
938.104772
0.75000 -9.184576 -251.628350
-13.212817 -5.784978 57.736238
1058.243
1.00000 -9.184576 -167.976397
-9.351957 -5.784978 62.276220
1142.619

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612
0.25000 -9.184547 -448.538038
-11.148596 -2.892489 21.760667
778.069163
0.50000 -9.184547 -345.203272
-8.763947 -2.892489 25.772870
937.974567
0.75000 -9.184547 -251.709913
-6.606408 -2.892489 28.868119
1058.145
1.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612
0.25000 -9.184547 -448.538038
-11.148596 -2.892489 21.760667
778.069163
0.50000 -9.184547 -345.203272
-8.763947 -2.892489 25.772870
937.974567
0.75000 -9.184547 -251.709913
-6.606408 -2.892489 28.868119
1058.145
1.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612
0.25000 -9.184547 -448.538038
-11.148596 -2.892489 21.760667
778.069163
0.50000 -9.184547 -345.203272
-8.763947 -2.892489 25.772870
937.974567
0.75000 -9.184547 -251.709913
-6.606408 -2.892489 28.868119
1058.145
1.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
-13.760354 -2.892489 16.739814
574.455612
0.25000 -9.184547 -448.538038
-11.148596 -2.892489 21.760667
778.069163
0.50000 -9.184547 -345.203272
-8.763947 -2.892489 25.772870
937.974567
0.75000 -9.184547 -251.709913
-6.606408 -2.892489 28.868119
1058.145
1.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 266

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680
0.25000 -9.184576 -448.456475
-11.148596 -2.892489 21.760667
778.232299
0.50000 -9.184576 -345.121709
-8.763947 -2.892489 25.772870
938.104772
0.75000 -9.184576 -251.628350
-6.606408 -2.892489 28.868119
1058.243
1.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680
0.25000 -9.184576 -448.456475
-11.148596 -2.892489 21.760667
778.232299
0.50000 -9.184576 -345.121709
-8.763947 -2.892489 25.772870
938.104772
0.75000 -9.184576 -251.628350
-6.606408 -2.892489 28.868119
1058.243
1.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680
0.25000 -9.184576 -448.456475
-11.148596 -2.892489 21.760667
778.232299
0.50000 -9.184576 -345.121709
-8.763947 -2.892489 25.772870
938.104772
0.75000 -9.184576 -251.628350
-6.606408 -2.892489 28.868119
1058.243
1.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
-13.760354 -2.892489 16.739814
574.651680
0.25000 -9.184576 -448.456475
-11.148596 -2.892489 21.760667
778.232299
0.50000 -9.184576 -345.121709
-8.763947 -2.892489 25.772870
938.104772
0.75000 -9.184576 -251.628350
-6.606408 -2.892489 28.868119
1058.243
1.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639
0.25000 -11.939886 -583.168778
7.06E-14 1.76E-17 -1.20E-13
1011.351
0.50000 -11.939886 -448.833583
5.44E-14 1.76E-17 -1.45E-13
1219.256
0.75000 -11.939886 -327.292215
3.96E-14 1.76E-17 -1.64E-13
1375.506
1.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639
0.25000 -11.939886 -583.168778
7.06E-14 1.76E-17 -1.20E-13
1011.351
0.50000 -11.939886 -448.833583
5.44E-14 1.76E-17 -1.45E-13
1219.256
0.75000 -11.939886 -327.292215
3.96E-14 1.76E-17 -1.64E-13
1375.506
1.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 267

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184
0.25000 -11.939949 -582.993417
7.06E-14 1.74E-17 -1.20E-13
1011.702
0.50000 -11.939949 -448.658222
5.43E-14 1.74E-17 -1.45E-13
1219.536
0.75000 -11.939949 -327.116855
3.96E-14 1.74E-17 -1.64E-13
1375.715
1.00000 -11.939949 -218.369316
2.64E-14 1.74E-17 -1.78E-13
1485.405

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -730.122441
8.84E-14 1.74E-17 -8.82E-14
747.047184
0.25000 -11.939949 -582.993417
7.06E-14 1.74E-17 -1.20E-13
1011.702
0.50000 -11.939949 -448.658222
5.43E-14 1.74E-17 -1.45E-13
1219.536
0.75000 -11.939949 -327.116855
3.96E-14 1.74E-17 -1.64E-13
1375.715
1.00000 -11.939949 -218.369316
2.64E-14 1.74E-17 -1.78E-13
1485.405

COMB ULB03 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
-35.776920	-7.520471	43.523515
747.047184		
0.25000	-11.939949	-582.993417
-28.986349	-7.520471	56.577733
1011.702		
0.50000	-11.939949	-448.658222
-22.786263	-7.520471	67.009462
1219.536		
0.75000	-11.939949	-327.116855
-17.176662	-7.520471	75.057110
1375.715		
1.00000	-11.939949	-218.369316
-12.157545	-7.520471	80.959086
1485.405		

COMB ULB03 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
-35.776920	-7.520471	43.523515
747.047184		
0.25000	-11.939949	-582.993417
-28.986349	-7.520471	56.577733
1011.702		
0.50000	-11.939949	-448.658222
-22.786263	-7.520471	67.009462
1219.536		
0.75000	-11.939949	-327.116855
-17.176662	-7.520471	75.057110
1375.715		
1.00000	-11.939949	-218.369316
-12.157545	-7.520471	80.959086
1485.405		

COMB ULB04 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
-17.888460	-3.760236	21.761758
746.792296		
0.25000	-11.939911	-583.099449
-14.493175	-3.760236	28.288866
1011.490		
0.50000	-11.939911	-448.764254
-11.393132	-3.760236	33.504731
1219.367		
0.75000	-11.939911	-327.222887
-8.588331	-3.760236	37.528555
1375.589		
1.00000	-11.939911	-218.475348
-6.078772	-3.760236	40.479543
1485.321		

COMB ULB04 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
-17.888460	-3.760236	21.761758
746.792296		
0.25000	-11.939911	-583.099449
-14.493175	-3.760236	28.288866
1011.490		
0.50000	-11.939911	-448.764254
-11.393132	-3.760236	33.504731
1219.367		
0.75000	-11.939911	-327.222887
-8.588331	-3.760236	37.528555
1375.589		
1.00000	-11.939911	-218.475348
-6.078772	-3.760236	40.479543
1485.321		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 268

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 ULB05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
-17.888460	-3.760236	21.761758
747.047184		
0.25000	-11.939949	-582.993417
-14.493175	-3.760236	28.288866
1011.702		
0.50000	-11.939949	-448.658222
-11.393132	-3.760236	33.504731
1219.536		
0.75000	-11.939949	-327.116855
-8.588331	-3.760236	37.528555
1375.715		
1.00000	-11.939949	-218.369316
-6.078772	-3.760236	40.479543
1485.405		

COMB ULB05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
-17.888460	-3.760236	21.761758
747.047184		
0.25000	-11.939949	-582.993417
-14.493175	-3.760236	28.288866
1011.702		
0.50000	-11.939949	-448.658222
-11.393132	-3.760236	33.504731
1219.536		
0.75000	-11.939949	-327.116855
-8.588331	-3.760236	37.528555
1375.715		
1.00000	-11.939949	-218.369316
-6.078772	-3.760236	40.479543
1485.405		

COMB ULB06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
1.38E-08	9.60E-09	3.69E-08
746.792296		
0.25000	-11.939911	-583.099449
1.38E-08	9.60E-09	3.14E-08
1011.490		
0.50000	-11.939911	-448.764254
1.38E-08	9.60E-09	2.58E-08
1219.367		
0.75000	-11.939911	-327.222887
1.38E-08	9.60E-09	2.02E-08
1375.589		
1.00000	-11.939911	-218.475348
1.38E-08	9.60E-09	1.47E-08
1485.321		

COMB ULB06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
1.38E-08	9.60E-09	3.69E-08
746.792296		
0.25000	-11.939911	-583.099449
1.38E-08	9.60E-09	3.14E-08
1011.490		
0.50000	-11.939911	-448.764254
1.38E-08	9.60E-09	2.58E-08
1219.367		
0.75000	-11.939911	-327.222887
1.38E-08	9.60E-09	2.02E-08
1375.589		
1.00000	-11.939911	-218.475348
1.38E-08	9.60E-09	1.47E-08
1485.321		

COMB ULB07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		
0.25000	-11.939911	-583.099449
7.06E-14	1.75E-17	-1.20E-13
1011.490		
0.50000	-11.939911	-448.764254
5.43E-14	1.75E-17	-1.45E-13
1219.367		
0.75000	-11.939911	-327.222887
3.96E-14	1.75E-17	-1.64E-13
1375.589		
1.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		

COMB ULB07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		
0.25000	-11.939911	-583.099449
7.06E-14	1.75E-17	-1.20E-13
1011.490		
0.50000	-11.939911	-448.764254
5.43E-14	1.75E-17	-1.45E-13
1219.367		
0.75000	-11.939911	-327.222887
3.96E-14	1.75E-17	-1.64E-13
1375.589		
1.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 269

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 ULB08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
1.38E-08	9.60E-09	3.69E-08
747.047184		
0.25000	-11.939949	-582.993417
1.38E-08	9.60E-09	3.14E-08
1011.702		
0.50000	-11.939949	-448.658222
1.38E-08	9.60E-09	2.58E-08
1219.536		
0.75000	-11.939949	-327.116855
1.38E-08	9.60E-09	2.02E-08
1375.715		
1.00000	-11.939949	-218.369316
1.38E-08	9.60E-09	1.47E-08
1485.405		

COMB ULB08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
1.38E-08	9.60E-09	3.69E-08
747.047184		
0.25000	-11.939949	-582.993417
1.38E-08	9.60E-09	3.14E-08
1011.702		
0.50000	-11.939949	-448.658222
1.38E-08	9.60E-09	2.58E-08
1219.536		
0.75000	-11.939949	-327.116855
1.38E-08	9.60E-09	2.02E-08
1375.715		
1.00000	-11.939949	-218.369316
1.38E-08	9.60E-09	1.47E-08
1485.405		

COMB ULB09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		
0.25000	-11.939949	-582.993417
7.06E-14	1.74E-17	-1.20E-13
1011.702		
0.50000	-11.939949	-448.658222
5.43E-14	1.74E-17	-1.45E-13
1219.536		
0.75000	-11.939949	-327.116855
3.96E-14	1.74E-17	-1.64E-13
1375.715		
1.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		

COMB ULB09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		
0.25000	-11.939949	-582.993417
7.06E-14	1.74E-17	-1.20E-13
1011.702		
0.50000	-11.939949	-448.658222
5.43E-14	1.74E-17	-1.45E-13
1219.536		
0.75000	-11.939949	-327.116855
3.96E-14	1.74E-17	-1.64E-13
1375.715		
1.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		

COMB ULB10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-702.040808
-34.400884	-7.231222	41.849534
718.314600		
0.25000	-11.480720	-560.570594
-27.871490	-7.231222	54.401666
972.790373		
0.50000	-11.480720	-431.402136
-21.909869	-7.231222	64.432175
1172.631		
0.75000	-11.480720	-314.535437
-16.516021	-7.231222	72.170298
1322.803		
1.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		

COMB ULB10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-702.040808
-34.400884	-7.231222	41.849534
718.314600		
0.25000	-11.480720	-560.570594
-27.871490	-7.231222	54.401666
972.790373		
0.50000	-11.480720	-431.402136
-21.909869	-7.231222	64.432175
1172.631		
0.75000	-11.480720	-314.535437
-16.516021	-7.231222	72.170298
1322.803		
1.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 270

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 ULB11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-702.040808
-34.400884	-7.231222	41.849534
718.314600		
0.25000	-11.480720	-560.570594
-27.871490	-7.231222	54.401666
972.790373		
0.50000	-11.480720	-431.402136
-21.909869	-7.231222	64.432175
1172.631		
0.75000	-11.480720	-314.535437
-16.516021	-7.231222	72.170298
1322.803		
1.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		

COMB ULB11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-702.040808
-34.400884	-7.231222	41.849534
718.314600		
0.25000	-11.480720	-560.570594
-27.871490	-7.231222	54.401666
972.790373		
0.50000	-11.480720	-431.402136
-21.909869	-7.231222	64.432175
1172.631		
0.75000	-11.480720	-314.535437
-16.516021	-7.231222	72.170298
1322.803		
1.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		

COMB ULB12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480683	-702.142762
-17.200442	-3.615611	20.924767
718.069516		
0.25000	-11.480683	-560.672547
-13.935745	-3.615611	27.200833
972.586453		
0.50000	-11.480683	-431.504090
-10.954934	-3.615611	32.216087
1172.468		
0.75000	-11.480683	-314.637391
-8.258011	-3.615611	36.085149
1322.682		
1.00000	-11.480683	-210.072450
-5.844973	-3.615611	38.922637
1428.194		

COMB ULB12 ----------

MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.480683	-702.142762	-17.200442	-3.615611	20.924767
718.069516						
0.25000		-11.480683	-560.672547	-13.935745	-3.615611	27.200833
972.586453						
0.50000		-11.480683	-431.504090	-10.954934	-3.615611	32.216087
1172.468						
0.75000		-11.480683	-314.637391	-8.258011	-3.615611	36.085149
1322.682						
1.00000		-11.480683	-210.072450	-5.844973	-3.615611	38.922637
1428.194						

COMB ULB13 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.480683	-702.142762	-17.200442	-3.615611	20.924767
718.069516						
0.25000		-11.480683	-560.672547	-13.935745	-3.615611	27.200833
972.586453						
0.50000		-11.480683	-431.504090	-10.954934	-3.615611	32.216087
1172.468						
0.75000		-11.480683	-314.637391	-8.258011	-3.615611	36.085149
1322.682						
1.00000		-11.480683	-210.072450	-5.844973	-3.615611	38.922637
1428.194						

COMB ULB13 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.480683	-702.142762	-17.200442	-3.615611	20.924767
718.069516						
0.25000		-11.480683	-560.672547	-13.935745	-3.615611	27.200833
972.586453						
0.50000		-11.480683	-431.504090	-10.954934	-3.615611	32.216087
1172.468						
0.75000		-11.480683	-314.637391	-8.258011	-3.615611	36.085149
1322.682						
1.00000		-11.480683	-210.072450	-5.844973	-3.615611	38.922637
1428.194						

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 ULB14 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.480720	-702.040808	-17.200442	-3.615611	20.924767
718.314600						
0.25000		-11.480720	-560.570594	-13.935745	-3.615611	27.200833
972.790373						
0.50000		-11.480720	-431.402136	-10.954934	-3.615611	32.216087
1172.631						
0.75000		-11.480720	-314.535437	-8.258011	-3.615611	36.085149
1322.803						
1.00000		-11.480720	-209.970496	-5.844973	-3.615611	38.922637
1428.274						

COMB ULB14 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.480720	-702.040808	-17.200442	-3.615611	20.924767
718.314600						
0.25000		-11.480720	-560.570594	-13.935745	-3.615611	27.200833
972.790373						
0.50000		-11.480720	-431.402136	-10.954934	-3.615611	32.216087
1172.631						
0.75000		-11.480720	-314.535437	-8.258011	-3.615611	36.085149
1322.803						
1.00000		-11.480720	-209.970496	-5.844973	-3.615611	38.922637
1428.274						

COMB ULB15 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.480720	-702.040808	-17.200442	-3.615611	20.924767
718.314600						
0.25000		-11.480720	-560.570594	-13.935745	-3.615611	27.200833
972.790373						
0.50000		-11.480720	-431.402136	-10.954934	-3.615611	32.216087
1172.631						
0.75000		-11.480720	-314.535437	-8.258011	-3.615611	36.085149
1322.803						
1.00000		-11.480720	-209.970496	-5.844973	-3.615611	38.922637
1428.274						

COMB ULB15 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.480720	-702.040808	-17.200442	-3.615611	20.924767
718.314600						
0.25000		-11.480720	-560.570594	-13.935745	-3.615611	27.200833
972.790373						
0.50000		-11.480720	-431.402136	-10.954934	-3.615611	32.216087
1172.631						
0.75000		-11.480720	-314.535437	-8.258011	-3.615611	36.085149
1322.803						
1.00000		-11.480720	-209.970496	-5.844973	-3.615611	38.922637
1428.274						

COMB ULB16 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-9.184576	-561.632647	6.80E-14	1.34E-17	-6.78E-14
574.651680						
0.25000		-9.184576	-448.456475	5.43E-14	1.34E-17	-9.25E-14
778.232299						
0.50000		-9.184576	-345.121709	4.18E-14	1.34E-17	-1.12E-13
938.104772						
0.75000		-9.184576	-251.628350	3.05E-14	1.34E-17	-1.26E-13
1058.243						
1.00000		-9.184576	-167.976397	2.03E-14	1.34E-17	-1.37E-13
1142.619						

COMB ULB16 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-9.184576	-561.632647	6.80E-14	1.34E-17	-6.78E-14
574.651680						
0.25000		-9.184576	-448.456475	5.43E-14	1.34E-17	-9.25E-14
778.232299						
0.50000		-9.184576	-345.121709	4.18E-14	1.34E-17	-1.12E-13
938.104772						
0.75000		-9.184576	-251.628350	3.05E-14	1.34E-17	-1.26E-13
1058.243						
1.00000		-9.184576	-167.976397	2.03E-14	1.34E-17	-1.37E-13
1142.619						

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 ULB17 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.939911	-730.228473	8.84E-14	1.75E-17	-8.81E-14
746.792296						
0.25000		-11.939911	-583.099449	7.06E-14	1.75E-17	-1.20E-13
1011.490						
0.50000		-11.939911	-448.764254	5.43E-14	1.75E-17	-1.45E-13
1219.367						
0.75000		-11.939911	-327.222887	3.96E-14	1.75E-17	-1.64E-13
1375.589						
1.00000		-11.939911	-218.475348	2.65E-14	1.75E-17	-1.78E-13
1485.321						

COMB ULB17 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.939911	-730.228473	8.84E-14	1.75E-17	-8.81E-14
746.792296						
0.25000		-11.939911	-583.099449	7.06E-14	1.75E-17	-1.20E-13
1011.490						
0.50000		-11.939911	-448.764254	5.43E-14	1.75E-17	-1.45E-13
1219.367						
0.75000		-11.939911	-327.222887	3.96E-14	1.75E-17	-1.64E-13
1375.589						
1.00000		-11.939911	-218.475348	2.65E-14	1.75E-17	-1.78E-13
1485.321						

COMB ULB18 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.021491	-673.959176	-33.024849	-6.941973	40.175553
689.582016						
0.25000		-11.021491	-538.147770	-26.756630	-6.941973	52.225600
933.878759						
0.50000		-11.021491	-414.146051	-21.033474	-6.941973	61.854888
1125.726						
0.75000		-11.021491	-301.954020	-15.855380	-6.941973	69.283486
1269.891						
1.00000		-11.021491	-201.571676	-11.222349	-6.941973	74.731464
1371.143						

COMB ULB18 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-11.021491	-673.959176	-33.024849	-6.941973	40.175553
689.582016						
0.25000		-11.021491	-538.147770	-26.756630	-6.941973	52.225600
933.878759						
0.50000		-11.021491	-414.146051	-21.033474	-6.941973	61.854888
1125.726						
0.75000		-11.021491	-301.954020	-15.855380	-6.941973	69.283486
1269.891						
1.00000		-11.021491	-201.571676	-11.222349	-6.941973	74.731464
1371.143						

COMB UEB01 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-9.184513	-561.808007	6.80E-14	1.35E-17	-6.78E-14
574.230135						
0.25000		-9.184513	-448.631836	5.43E-14	1.35E-17	-9.24E-14
777.881556						
0.50000		-9.184513	-345.297070	4.18E-14	1.35E-17	-1.12E-13
937.824832						
0.75000		-9.184513	-251.803711	3.05E-14	1.35E-17	-1.26E-13
1058.033						
1.00000		-9.184513	-168.151757	2.04E-14	1.35E-17	-1.37E-13
1142.481						

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 UEB02 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-9.184576	-561.632647	6.80E-14	1.34E-17	-6.78E-14
574.651680						
0.25000		-9.184576	-448.456475	5.43E-14	1.34E-17	-9.25E-14
778.232299						
0.50000		-9.184576	-345.121709	4.18E-14	1.34E-17	-1.12E-13
938.104772						
0.75000		-9.184576	-251.628350	3.05E-14	1.34E-17	-1.26E-13
1058.243						
1.00000		-9.184576	-167.976397	2.03E-14	1.34E-17	-1.37E-13
1142.619						

COMB UEB02 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-9.184576	-561.632647	6.80E-14	1.34E-17	-6.78E-14
574.651680						
0.25000		-9.184576	-448.456475	5.43E-14	1.34E-17	-9.25E-14
778.232299						
0.50000		-9.184576	-345.121709	4.18E-14	1.34E-17	-1.12E-13
938.104772						
0.75000		-9.184576	-251.628350	3.05E-14	1.34E-17	-1.26E-13
1058.243						
1.00000		-9.184576	-167.976397	2.03E-14	1.34E-17	-1.37E-13
1142.619						

COMB UEB03 ----------
MAX

REL DIST	T	P	V2	V3	M2	M3
0.00000		-9.184576	-561.632647	-35.776920	-7.520471	43.523515
574.651680						
0.25000		-9.184576	-448.456475	-28.986349	-7.520471	56.577733
778.232299						
0.50000		-9.184576	-345.121709	-22.786263	-7.520471	67.009462
938.104772						
0.75000		-9.184576	-251.628350	-17.176662	-7.520471	75.057110
1058.243						
1.00000		-9.184576	-167.976397	-12.157545	-7.520471	80.959086
1142.619						

COMB UEB03 ----------
MIN

REL DIST	T	P	V2	V3	M2	M3
0.00000		-9.184576	-561.632647	-35.776920	-7.520471	43.523515
574.651680						
0.25000		-9.184576	-448.456475	-28.986349	-7.520471	56.577733
778.232299						
0.50000		-9.184576	-345.121709	-22.786263	-7.520471	67.009462
938.104772						
0.75000		-9.184576	-251.628350	-17.176662	-7.520471	75.057110
1058.243						
1.00000		-9.184576	-167.976397	-12.157545	-7.520471	80.959086
1142.619						

COMB UEB04 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
-17.888460	-3.760236	21.761758	
574.396792			
0.25000	-9.184538	-448.562507	
-14.493175	-3.760236	28.288866	
778.020222			
0.50000	-9.184538	-345.227741	
-11.393132	-3.760236	33.504731	
937.935506			
0.75000	-9.184538	-251.734382	
-8.588331	-3.760236	37.528555	
1058.116			
1.00000	-9.184538	-168.082429	
-6.078772	-3.760236	40.479543	
1142.536			

COMB UEB04 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
-17.888460	-3.760236	21.761758	
574.396792			
0.25000	-9.184538	-448.562507	
-14.493175	-3.760236	28.288866	
778.020222			
0.50000	-9.184538	-345.227741	
-11.393132	-3.760236	33.504731	
937.935506			
0.75000	-9.184538	-251.734382	
-8.588331	-3.760236	37.528555	
1058.116			
1.00000	-9.184538	-168.082429	
-6.078772	-3.760236	40.479543	
1142.536			

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 UEB05 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
-17.888460	-3.760236	21.761758	
574.651680			
0.25000	-9.184576	-448.456475	
-14.493175	-3.760236	28.288866	
778.232299			
0.50000	-9.184576	-345.121709	
-11.393132	-3.760236	33.504731	
938.104772			
0.75000	-9.184576	-251.628350	
-8.588331	-3.760236	37.528555	
1058.243			
1.00000	-9.184576	-167.976397	
-6.078772	-3.760236	40.479543	
1142.619			

COMB UEB05 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
-17.888460	-3.760236	21.761758	
574.651680			
0.25000	-9.184576	-448.456475	
-14.493175	-3.760236	28.288866	
778.232299			
0.50000	-9.184576	-345.121709	
-11.393132	-3.760236	33.504731	
938.104772			
0.75000	-9.184576	-251.628350	
-8.588331	-3.760236	37.528555	
1058.243			
1.00000	-9.184576	-167.976397	
-6.078772	-3.760236	40.479543	
1142.619			

COMB UEB06 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
1.38E-08	9.60E-09	3.69E-08	
574.396792			
0.25000	-9.184538	-448.562507	
1.38E-08	9.60E-09	3.14E-08	
778.020222			
0.50000	-9.184538	-345.227741	
1.38E-08	9.60E-09	2.58E-08	
937.935506			
0.75000	-9.184538	-251.734382	
1.38E-08	9.60E-09	2.02E-08	
1058.116			
1.00000	-9.184538	-168.082429	
1.38E-08	9.60E-09	1.47E-08	
1142.536			

COMB UEB06 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
1.38E-08	9.60E-09	3.69E-08	
574.396792			
0.25000	-9.184538	-448.562507	
1.38E-08	9.60E-09	3.14E-08	
778.020222			
0.50000	-9.184538	-345.227741	
1.38E-08	9.60E-09	2.58E-08	
937.935506			
0.75000	-9.184538	-251.734382	
1.38E-08	9.60E-09	2.02E-08	
1058.116			
1.00000	-9.184538	-168.082429	
1.38E-08	9.60E-09	1.47E-08	
1142.536			

COMB UEB07 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
6.80E-14	1.35E-17	-6.78E-14	
574.396792			
0.25000	-9.184538	-448.562507	
5.43E-14	1.35E-17	-9.25E-14	
778.020222			
0.50000	-9.184538	-345.227741	
4.18E-14	1.35E-17	-1.12E-13	
937.935506			
0.75000	-9.184538	-251.734382	
3.05E-14	1.35E-17	-1.26E-13	
1058.116			
1.00000	-9.184538	-168.082429	
2.04E-14	1.35E-17	-1.37E-13	
1142.536			

COMB UEB07 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
6.80E-14	1.35E-17	-6.78E-14	
574.396792			
0.25000	-9.184538	-448.562507	
5.43E-14	1.35E-17	-9.25E-14	
778.020222			
0.50000	-9.184538	-345.227741	
4.18E-14	1.35E-17	-1.12E-13	
937.935506			
0.75000	-9.184538	-251.734382	
3.05E-14	1.35E-17	-1.26E-13	
1058.116			
1.00000	-9.184538	-168.082429	
2.04E-14	1.35E-17	-1.37E-13	
1142.536			

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 UEB08 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
1.38E-08	9.60E-09	3.69E-08	
574.651680			
0.25000	-9.184576	-448.456475	
1.38E-08	9.60E-09	3.14E-08	
778.232299			
0.50000	-9.184576	-345.121709	
1.38E-08	9.60E-09	2.58E-08	
938.104772			
0.75000	-9.184576	-251.628350	
1.38E-08	9.60E-09	2.02E-08	
1058.243			
1.00000	-9.184576	-167.976397	
1.38E-08	9.60E-09	1.47E-08	
1142.619			

COMB UEB08 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
1.38E-08	9.60E-09	3.69E-08	
574.651680			
0.25000	-9.184576	-448.456475	
1.38E-08	9.60E-09	3.14E-08	
778.232299			
0.50000	-9.184576	-345.121709	
1.38E-08	9.60E-09	2.58E-08	
938.104772			
0.75000	-9.184576	-251.628350	
1.38E-08	9.60E-09	2.02E-08	
1058.243			
1.00000	-9.184576	-167.976397	
1.38E-08	9.60E-09	1.47E-08	
1142.619			

COMB UEB09 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
6.80E-14	1.34E-17	-6.78E-14	
574.651680			
0.25000	-9.184576	-448.456475	
5.43E-14	1.34E-17	-9.25E-14	
778.232299			
0.50000	-9.184576	-345.121709	
4.18E-14	1.34E-17	-1.12E-13	
938.104772			
0.75000	-9.184576	-251.628350	
3.05E-14	1.34E-17	-1.26E-13	
1058.243			
1.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			

COMB UEB09 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
6.80E-14	1.34E-17	-6.78E-14	
574.651680			
0.25000	-9.184576	-448.456475	
5.43E-14	1.34E-17	-9.25E-14	
778.232299			
0.50000	-9.184576	-345.121709	
4.18E-14	1.34E-17	-1.12E-13	
938.104772			
0.75000	-9.184576	-251.628350	
3.05E-14	1.34E-17	-1.26E-13	
1058.243			
1.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			

COMB UEB10 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-533.551014	
-34.400884	-7.231222	41.849534	
545.919096			
0.25000	-8.725347	-426.033651	
-27.871490	-7.231222	54.401666	
739.320684			
0.50000	-8.725347	-327.865624	
-21.909869	-7.231222	64.432175	
891.199534			
0.75000	-8.725347	-239.046932	
-16.516021	-7.231222	72.170298	
1005.330			
1.00000	-8.725347	-159.577577	
-11.689947	-7.231222	77.845275	
1085.488			

COMB UEB10 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-533.551014	
-34.400884	-7.231222	41.849534	
545.919096			
0.25000	-8.725347	-426.033651	
-27.871490	-7.231222	54.401666	
739.320684			
0.50000	-8.725347	-327.865624	
-21.909869	-7.231222	64.432175	
891.199534			
0.75000	-8.725347	-239.046932	
-16.516021	-7.231222	72.170298	
1005.330			
1.00000	-8.725347	-159.577577	
-11.689947	-7.231222	77.845275	
1085.488			

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 UEB11 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-533.551014	
-34.400884	-7.231222	41.849534	
545.919096			
0.25000	-8.725347	-426.033651	
-27.871490	-7.231222	54.401666	
739.320684			
0.50000	-8.725347	-327.865624	
-21.909869	-7.231222	64.432175	
891.199534			
0.75000	-8.725347	-239.046932	
-16.516021	-7.231222	72.170298	
1005.330			
1.00000	-8.725347	-159.577577	
-11.689947	-7.231222	77.845275	
1085.488			

COMB UEB11 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	-533.551014	
-34.400884	-7.231222	41.849534	
545.919096			
0.25000	-8.725347	-426.033651	
-27.871490	-7.231222	54.401666	
739.320684			
0.50000	-8.725347	-327.865624	
-21.909869	-7.231222	64.432175	
891.199534			
0.75000	-8.725347	-239.046932	
-16.516021	-7.231222	72.170298	
1005.330			
1.00000	-8.725347	-159.577577	
-11.689947	-7.231222	77.845275	
1085.488			

COMB UEB12 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	-533.652968	
-17.200442	-3.615611	20.924767	
545.674012			
0.25000	-8.725310	-426.135605	
-13.935745	-3.615611	27.200833	
739.116764			
0.50000	-8.725310	-327.967578	
-10.954934	-3.615611	32.216087	
891.036777			
0.75000	-8.725310	-239.148886	
-8.258011	-3.615611	36.085149	
1005.209			
1.00000	-8.725310	-159.679531	
-5.844973	-3.615611	38.922637	
1085.408			

COMB UEB12 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	-533.652968	
-17.200442	-3.615611	20.924767	
545.674012			
0.25000	-8.725310	-426.135605	
-13.935745	-3.615611	27.200833	
739.116764			
0.50000	-8.725310	-327.967578	
-10.954934	-3.615611	32.216087	
891.036777			
0.75000	-8.725310	-239.148886	
-8.258011	-3.615611	36.085149	
1005.209			
1.00000	-8.725310	-159.679531	
-5.844973	-3.615611	38.922637	
1085.408			

COMB UEB13 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	-533.652968	
-17.200442	-3.615611	20.924767	
545.674012			
0.25000	-8.725310	-426.135605	
-13.935745	-3.615611	27.200833	
739.116764			
0.50000	-8.725310	-327.967578	
-10.954934	-3.615611	32.216087	
891.036777			
0.75000	-8.725310	-239.148886	
-8.258011	-3.615611	36.085149	
1005.209			
1.00000	-8.725310	-159.679531	
-5.844973	-3.615611	38.922637	
1085.408			

COMB UEB13 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3

0.00000 -8.725310 -533.652968
-17.200442 -3.615611 20.924767
545.674012
0.25000 -8.725310 -426.135605
-13.935745 -3.615611 27.200833
739.116764
0.50000 -8.725310 -327.967578
-10.954934 -3.615611 32.216087
891.036777
0.75000 -8.725310 -239.148886
-8.258011 -3.615611 36.085149
1005.209
1.00000 -8.725310 -159.679531
-5.844973 -3.615611 38.922637
1085.408

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 UEB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -533.551014
-17.200442 -3.615611 20.924767
545.919096
0.25000 -8.725347 -426.033651
-13.935745 -3.615611 27.200833
739.320684
0.50000 -8.725347 -327.865624
-10.954934 -3.615611 32.216087
891.199534
0.75000 -8.725347 -239.046932
-8.258011 -3.615611 36.085149
1005.330
1.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488

COMB UEB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -533.551014
-17.200442 -3.615611 20.924767
545.919096
0.25000 -8.725347 -426.033651
-13.935745 -3.615611 27.200833
739.320684
0.50000 -8.725347 -327.865624
-10.954934 -3.615611 32.216087
891.199534
0.75000 -8.725347 -239.046932
-8.258011 -3.615611 36.085149
1005.330
1.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488

COMB UEB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -533.551014
-17.200442 -3.615611 20.924767
545.919096
0.25000 -8.725347 -426.033651
-13.935745 -3.615611 27.200833
739.320684
0.50000 -8.725347 -327.865624
-10.954934 -3.615611 32.216087
891.199534
0.75000 -8.725347 -239.046932
-8.258011 -3.615611 36.085149
1005.330
1.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488

COMB UEB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -533.551014
-17.200442 -3.615611 20.924767
545.919096
0.25000 -8.725347 -426.033651
-13.935745 -3.615611 27.200833
739.320684
0.50000 -8.725347 -327.865624
-10.954934 -3.615611 32.216087
891.199534
0.75000 -8.725347 -239.046932
-8.258011 -3.615611 36.085149
1005.330
1.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488

COMB UEB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

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 UEB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792
0.25000 -9.184538 -448.562507
5.43E-14 1.35E-17 -9.25E-14
778.020222
0.50000 -9.184538 -345.227741
4.18E-14 1.35E-17 -1.12E-13
937.935506
0.75000 -9.184538 -251.734382
3.05E-14 1.35E-17 -1.26E-13
1058.116
1.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792
0.25000 -9.184538 -448.562507
5.43E-14 1.35E-17 -9.25E-14
778.020222
0.50000 -9.184538 -345.227741
4.18E-14 1.35E-17 -1.12E-13
937.935506
0.75000 -9.184538 -251.734382
3.05E-14 1.35E-17 -1.26E-13
1058.116
1.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 -505.469382
-33.024849 -6.941973 40.175553
517.186512
0.25000 -8.266119 -403.610827
-26.756630 -6.941973 52.225600
700.409069
0.50000 -8.266119 -310.609538
-21.033474 -6.941973 61.854888
844.294295
0.75000 -8.266119 -226.465515
-15.855380 -6.941973 69.283486
952.418311
1.00000 -8.266119 -151.178757
-11.222349 -6.941973 74.731464
1028.357

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 -505.469382
-33.024849 -6.941973 40.175553
517.186512
0.25000 -8.266119 -403.610827
-26.756630 -6.941973 52.225600
700.409069
0.50000 -8.266119 -310.609538
-21.033474 -6.941973 61.854888
844.294295
0.75000 -8.266119 -226.465515
-15.855380 -6.941973 69.283486
952.418311
1.00000 -8.266119 -151.178757
-11.222349 -6.941973 74.731464
1028.357

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612
0.25000 -9.184547 -448.538038
5.43E-14 1.35E-17 -9.25E-14
778.069163
0.50000 -9.184547 -345.203272
4.18E-14 1.35E-17 -1.12E-13
937.974567
0.75000 -9.184547 -251.709913
3.05E-14 1.35E-17 -1.26E-13
1058.145
1.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555

COMB SVO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -561.714210
6.80E-14 1.35E-17 -6.78E-14
574.455612
0.25000 -9.184547 -448.538038
5.43E-14 1.35E-17 -9.25E-14
778.069163
0.50000 -9.184547 -345.203272
4.18E-14 1.35E-17 -1.12E-13
937.974567
0.75000 -9.184547 -251.709913
3.05E-14 1.35E-17 -1.26E-13
1058.145
1.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2282.246
-2.76E-13 -2.06E-15 -8.58E-13
7091.252
0.25000 -61.809411 2395.422
-2.90E-13 -2.06E-15 -7.43E-13
6146.617
0.50000 -61.809411 2498.756
-3.03E-13 -2.06E-15 -6.24E-13
5158.274
0.75000 -61.809411 2592.250
-3.14E-13 -2.06E-15 -4.99E-13
4130.196
1.00000 -61.809411 2675.902
-3.24E-13 -2.06E-15 -3.70E-13
3066.357

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2282.246
-2.76E-13 -2.06E-15 -8.58E-13
7091.252
0.25000 -61.809411 2395.422
-2.90E-13 -2.06E-15 -7.43E-13
6146.617
0.50000 -61.809411 2498.756
-3.03E-13 -2.06E-15 -6.24E-13
5158.274
0.75000 -61.809411 2592.250
-3.14E-13 -2.06E-15 -4.99E-13
4130.196
1.00000 -61.809411 2675.902
-3.24E-13 -2.06E-15 -3.70E-13
3066.357

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1152.515
-1.40E-13 -1.23E-15 -5.48E-13
4535.385
0.25000 -35.602669 1265.692
-1.53E-13 -1.23E-15 -4.89E-13
4046.878
0.50000 -35.602669 1369.026
-1.66E-13 -1.23E-15 -4.24E-13
3514.664
0.75000 -35.602669 1462.520
-1.77E-13 -1.23E-15 -3.55E-13
2942.714
1.00000 -35.602669 1546.172
-1.87E-13 -1.23E-15 -2.81E-13
2335.003

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1152.515
-1.40E-13 -1.23E-15 -5.48E-13
4535.385
0.25000 -35.602669 1265.692
-1.53E-13 -1.23E-15 -4.89E-13
4046.878
0.50000 -35.602669 1369.026
-1.66E-13 -1.23E-15 -4.24E-13
3514.664
0.75000 -35.602669 1462.520
-1.77E-13 -1.23E-15 -3.55E-13
2942.714
1.00000 -35.602669 1546.172
-1.87E-13 -1.23E-15 -2.81E-13
2335.003

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 SVO05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		
0.25000	-35.602698	1265.773
-1.53E-13	-1.23E-15	-4.89E-13
4047.042		
0.50000	-35.602698	1369.108
-1.66E-13	-1.23E-15	-4.24E-13
3514.794		
0.75000	-35.602698	1462.601
-1.77E-13	-1.23E-15	-3.55E-13
2942.811		
1.00000	-35.602698	1546.253
-1.87E-13	-1.23E-15	-2.81E-13
2335.068		

COMB SVO05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		
0.25000	-35.602698	1265.773
-1.53E-13	-1.23E-15	-4.89E-13
4047.042		
0.50000	-35.602698	1369.108
-1.66E-13	-1.23E-15	-4.24E-13
3514.794		
0.75000	-35.602698	1462.601
-1.77E-13	-1.23E-15	-3.55E-13
2942.811		
1.00000	-35.602698	1546.253
-1.87E-13	-1.23E-15	-2.81E-13
2335.068		

COMB SVO06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526357	-561.659116
6.80E-14	1.14E-17	-2.39E-14
206.123070		
0.25000	-24.526357	-448.482944
5.43E-14	1.14E-17	-4.85E-14
409.714376		
0.50000	-24.526357	-345.148179
4.18E-14	1.14E-17	-6.79E-14
569.597537		
0.75000	-24.526357	-251.654819
3.05E-14	1.14E-17	-8.24E-14
689.746020		
1.00000	-24.526357	-168.002866
2.03E-14	1.14E-17	-9.27E-14
774.133293		

COMB SVO06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526357	-561.659116
6.80E-14	1.14E-17	-2.39E-14
206.123070		
0.25000	-24.526357	-448.482944
5.43E-14	1.14E-17	-4.85E-14
409.714376		
0.50000	-24.526357	-345.148179
4.18E-14	1.14E-17	-6.79E-14
569.597537		
0.75000	-24.526357	-251.654819
3.05E-14	1.14E-17	-8.24E-14
689.746020		
1.00000	-24.526357	-168.002866
2.03E-14	1.14E-17	-9.27E-14
774.133293		

COMB SVO07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-561.714210
6.80E-14	1.35E-17	-6.78E-14
574.455612		
0.25000	-9.184547	-448.538038
5.43E-14	1.35E-17	-9.25E-14
778.069163		
0.50000	-9.184547	-345.203272
4.18E-14	1.35E-17	-1.12E-13
937.974567		
0.75000	-9.184547	-251.709913
3.05E-14	1.35E-17	-1.26E-13
1058.145		
1.00000	-9.184547	-168.057960
2.04E-14	1.35E-17	-1.37E-13
1142.555		

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 SVO08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526387	-561.577553
6.80E-14	1.13E-17	-2.39E-14
206.319137		
0.25000	-24.526387	-448.401381
5.43E-14	1.13E-17	-4.85E-14
409.877512		
0.50000	-24.526387	-345.066616
4.18E-14	1.13E-17	-6.79E-14
569.727742		
0.75000	-24.526387	-251.573256
3.05E-14	1.13E-17	-8.24E-14
689.843294		
1.00000	-24.526387	-167.921303
2.03E-14	1.13E-17	-9.27E-14
774.197636		

COMB SVO08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526387	-561.577553
6.80E-14	1.13E-17	-2.39E-14
206.319137		
0.25000	-24.526387	-448.401381
5.43E-14	1.13E-17	-4.85E-14
409.877512		
0.50000	-24.526387	-345.066616
4.18E-14	1.13E-17	-6.79E-14
569.727742		
0.75000	-24.526387	-251.573256
3.05E-14	1.13E-17	-8.24E-14
689.843294		
1.00000	-24.526387	-167.921303
2.03E-14	1.13E-17	-9.27E-14
774.197636		

COMB SVO09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		
0.25000	-9.184576	-448.456475
5.43E-14	1.34E-17	-9.25E-14
778.232299		
0.50000	-9.184576	-345.121709
4.18E-14	1.34E-17	-1.12E-13
938.104772		
0.75000	-9.184576	-251.628350
3.05E-14	1.34E-17	-1.26E-13
1058.243		
1.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13
1142.619		

COMB SVO09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		
0.25000	-9.184576	-448.456475
5.43E-14	1.34E-17	-9.25E-14
778.232299		
0.50000	-9.184576	-345.121709
4.18E-14	1.34E-17	-1.12E-13
938.104772		
0.75000	-9.184576	-251.628350
3.05E-14	1.34E-17	-1.26E-13
1058.243		
1.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13
1142.619		

COMB SVO10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.151222	2282.301
-2.76E-13	-2.06E-15	-8.14E-13
6722.920		
0.25000	-77.151222	2395.477
-2.90E-13	-2.06E-15	-6.99E-13
5778.262		
0.50000	-77.151222	2498.812
-3.03E-13	-2.06E-15	-5.80E-13
4789.897		
0.75000	-77.151222	2592.305
-3.14E-13	-2.06E-15	-4.55E-13
3761.797		
1.00000	-77.151222	2675.957
-3.24E-13	-2.06E-15	-3.26E-13
2697.935		

COMB SVO10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.151222	2282.301
-2.76E-13	-2.06E-15	-8.14E-13
6722.920		
0.25000	-77.151222	2395.477
-2.90E-13	-2.06E-15	-6.99E-13
5778.262		
0.50000	-77.151222	2498.812
-3.03E-13	-2.06E-15	-5.80E-13
4789.897		
0.75000	-77.151222	2592.305
-3.14E-13	-2.06E-15	-4.55E-13
3761.797		
1.00000	-77.151222	2675.957
-3.24E-13	-2.06E-15	-3.26E-13
2697.935		

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 SVO11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	2282.246
-2.76E-13	-2.06E-15	-8.58E-13
7091.252		
0.25000	-61.809411	2395.422
-2.90E-13	-2.06E-15	-7.43E-13
6146.617		
0.50000	-61.809411	2498.756
-3.03E-13	-2.06E-15	-6.24E-13
5158.274		
0.75000	-61.809411	2592.250
-3.14E-13	-2.06E-15	-4.99E-13
4130.196		
1.00000	-61.809411	2675.902
-3.24E-13	-2.06E-15	-3.70E-13
3066.357		

COMB SVO11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	2282.246
-2.76E-13	-2.06E-15	-8.58E-13
7091.252		
0.25000	-61.809411	2395.422
-2.90E-13	-2.06E-15	-7.43E-13
6146.617		
0.50000	-61.809411	2498.756
-3.03E-13	-2.06E-15	-6.24E-13
5158.274		
0.75000	-61.809411	2592.250
-3.14E-13	-2.06E-15	-4.99E-13
4130.196		
1.00000	-61.809411	2675.902
-3.24E-13	-2.06E-15	-3.70E-13
3066.357		

COMB SVO12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944479	1152.571
-1.40E-13	-1.24E-15	-5.04E-13
4167.053		
0.25000	-50.944479	1265.747
-1.53E-13	-1.24E-15	-4.45E-13
3678.524		
0.50000	-50.944479	1369.082
-1.66E-13	-1.24E-15	-3.80E-13
3146.287		
0.75000	-50.944479	1462.575
-1.77E-13	-1.24E-15	-3.11E-13
2574.315		
1.00000	-50.944479	1546.227
-1.87E-13	-1.24E-15	-2.37E-13
1966.582		

COMB SVO12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944479	1152.571
-1.40E-13	-1.24E-15	-5.04E-13
4167.053		
0.25000	-50.944479	1265.747
-1.53E-13	-1.24E-15	-4.45E-13
3678.524		
0.50000	-50.944479	1369.082
-1.66E-13	-1.24E-15	-3.80E-13
3146.287		
0.75000	-50.944479	1462.575
-1.77E-13	-1.24E-15	-3.11E-13
2574.315		
1.00000	-50.944479	1546.227
-1.87E-13	-1.24E-15	-2.37E-13
1966.582		

COMB SVO13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	1152.515
-1.40E-13	-1.23E-15	-5.48E-13
4535.385		
0.25000	-35.602669	1265.692
-1.53E-13	-1.23E-15	-4.89E-13
4046.878		
0.50000	-35.602669	1369.026
-1.66E-13	-1.23E-15	-4.24E-13
3514.664		
0.75000	-35.602669	1462.520
-1.77E-13	-1.23E-15	-3.55E-13
2942.714		
1.00000	-35.602669	1546.172
-1.87E-13	-1.23E-15	-2.81E-13
2335.003		

COMB SVO13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	1152.515
-1.40E-13	-1.23E-15	-5.48E-13
4535.385		
0.25000	-35.602669	1265.692
-1.53E-13	-1.23E-15	-4.89E-13
4046.878		
0.50000	-35.602669	1369.026
-1.66E-13	-1.23E-15	-4.24E-13
3514.664		
0.75000	-35.602669	1462.520
-1.77E-13	-1.23E-15	-3.55E-13
2942.714		
1.00000	-35.602669	1546.172
-1.87E-13	-1.23E-15	-2.81E-13
2335.003		

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 SVO14 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944509	1152.652
-1.40E-13	-1.24E-15	-5.04E-13
4167.249		
0.25000	-50.944509	1265.828
-1.53E-13	-1.24E-15	-4.45E-13
3678.687		
0.50000	-50.944509	1369.163
-1.66E-13	-1.24E-15	-3.80E-13
3146.417		
0.75000	-50.944509	1462.656
-1.77E-13	-1.24E-15	-3.11E-13
2574.412		
1.00000	-50.944509	1546.308
-1.87E-13	-1.24E-15	-2.37E-13
1966.646		

COMB SVO14 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944509	1152.652
-1.40E-13	-1.24E-15	-5.04E-13
4167.249		
0.25000	-50.944509	1265.828
-1.53E-13	-1.24E-15	-4.45E-13
3678.687		
0.50000	-50.944509	1369.163
-1.66E-13	-1.24E-15	-3.80E-13
3146.417		
0.75000	-50.944509	1462.656
-1.77E-13	-1.24E-15	-3.11E-13
2574.412		
1.00000	-50.944509	1546.308
-1.87E-13	-1.24E-15	-2.37E-13
1966.646		

COMB SVO15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		
0.25000	-35.602698	1265.773
-1.53E-13	-1.23E-15	-4.89E-13
4047.042		
0.50000	-35.602698	1369.108
-1.66E-13	-1.23E-15	-4.24E-13
3514.794		
0.75000	-35.602698	1462.601
-1.77E-13	-1.23E-15	-3.55E-13
2942.811		
1.00000	-35.602698	1546.253
-1.87E-13	-1.23E-15	-2.81E-13
2335.068		

COMB SVO15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1152.597
-1.40E-13	-1.23E-15	-5.48E-13
4535.581		
0.25000	-35.602698	1265.773
-1.53E-13	-1.23E-15	-4.89E-13
4047.042		
0.50000	-35.602698	1369.108
-1.66E-13	-1.23E-15	-4.24E-13
3514.794		
0.75000	-35.602698	1462.601
-1.77E-13	-1.23E-15	-3.55E-13
2942.811		
1.00000	-35.602698	1546.253
-1.87E-13	-1.23E-15	-2.81E-13
2335.068		

COMB ULO01 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	-730.297801
8.84E-14	1.76E-17	-8.81E-14
746.625639		
0.25000	-11.939886	-583.168778
7.06E-14	1.76E-17	-1.20E-13
1011.351		
0.50000	-11.939886	-448.833583
5.44E-14	1.76E-17	-1.45E-13
1219.256		
0.75000	-11.939886	-327.292215
3.96E-14	1.76E-17	-1.64E-13
1375.506		
1.00000	-11.939886	-218.544676
2.65E-14	1.76E-17	-1.78E-13
1485.267		

COMB ULO01 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	-730.297801
8.84E-14	1.76E-17	-8.81E-14
746.625639		
0.25000	-11.939886	-583.168778
7.06E-14	1.76E-17	-1.20E-13
1011.351		
0.50000	-11.939886	-448.833583
5.44E-14	1.76E-17	-1.45E-13
1219.256		
0.75000	-11.939886	-327.292215
3.96E-14	1.76E-17	-1.64E-13
1375.506		
1.00000	-11.939886	-218.544676
2.65E-14	1.76E-17	-1.78E-13
1485.267		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 ULO02 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		
0.25000	-11.939949	-582.993417
7.06E-14	1.74E-17	-1.20E-13
1011.702		
0.50000	-11.939949	-448.658222
5.43E-14	1.74E-17	-1.45E-13
1219.536		
0.75000	-11.939949	-327.116855
3.96E-14	1.74E-17	-1.64E-13
1375.715		
1.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		

COMB ULO02 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		
0.25000	-11.939949	-582.993417
7.06E-14	1.74E-17	-1.20E-13
1011.702		
0.50000	-11.939949	-448.658222
5.43E-14	1.74E-17	-1.45E-13
1219.536		
0.75000	-11.939949	-327.116855
3.96E-14	1.74E-17	-1.64E-13
1375.715		
1.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		

COMB ULO03 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-80.352235	2966.919
-3.59E-13	-2.67E-15	-1.11E-12
9218.628		
0.25000	-80.352235	3114.048
-3.77E-13	-2.67E-15	-9.66E-13
7990.602		
0.50000	-80.352235	3248.383
-3.93E-13	-2.67E-15	-8.11E-13
6705.756		
0.75000	-80.352235	3369.925
-4.08E-13	-2.67E-15	-6.49E-13
5369.255		
1.00000	-80.352235	3478.672
-4.21E-13	-2.67E-15	-4.81E-13
3986.264		

COMB ULO03 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-80.352235	2966.919
-3.59E-13	-2.67E-15	-1.11E-12
9218.628		
0.25000	-80.352235	3114.048
-3.77E-13	-2.67E-15	-9.66E-13
7990.602		
0.50000	-80.352235	3248.383
-3.93E-13	-2.67E-15	-8.11E-13
6705.756		
0.75000	-80.352235	3369.925
-4.08E-13	-2.67E-15	-6.49E-13
5369.255		
1.00000	-80.352235	3478.672
-4.21E-13	-2.67E-15	-4.81E-13
3986.264		

COMB ULO04 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283469	1498.270
-1.81E-13	-1.60E-15	-7.12E-13
5896.001		
0.25000	-46.283469	1645.399
-1.99E-13	-1.60E-15	-6.35E-13
5260.942		
0.50000	-46.283469	1779.734
-2.15E-13	-1.60E-15	-5.51E-13
4569.063		
0.75000	-46.283469	1901.276
-2.30E-13	-1.60E-15	-4.61E-13
3825.528		
1.00000	-46.283469	2010.023
-2.43E-13	-1.60E-15	-3.66E-13
3035.504		

COMB ULO04 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283469	1498.270
-1.81E-13	-1.60E-15	-7.12E-13
5896.001		
0.25000	-46.283469	1645.399
-1.99E-13	-1.60E-15	-6.35E-13
5260.942		
0.50000	-46.283469	1779.734
-2.15E-13	-1.60E-15	-5.51E-13
4569.063		
0.75000	-46.283469	1901.276
-2.30E-13	-1.60E-15	-4.61E-13
3825.528		
1.00000	-46.283469	2010.023
-2.43E-13	-1.60E-15	-3.66E-13
3035.504		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 ULO05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283508	1498.376
-1.81E-13	-1.60E-15	-7.12E-13
5896.256		
0.25000	-46.283508	1645.505
-1.99E-13	-1.60E-15	-6.35E-13
5261.154		
0.50000	-46.283508	1779.840
-2.15E-13	-1.60E-15	-5.51E-13
4569.232		
0.75000	-46.283508	1901.382
-2.30E-13	-1.60E-15	-4.61E-13
3825.655		
1.00000	-46.283508	2010.129
-2.43E-13	-1.60E-15	-3.66E-13
3035.588		

COMB ULO05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283508	1498.376
-1.81E-13	-1.60E-15	-7.12E-13
5896.256		
0.25000	-46.283508	1645.505
-1.99E-13	-1.60E-15	-6.35E-13
5261.154		
0.50000	-46.283508	1779.840
-2.15E-13	-1.60E-15	-5.51E-13
4569.232		
0.75000	-46.283508	1901.382
-2.30E-13	-1.60E-15	-4.61E-13
3825.655		
1.00000	-46.283508	2010.129
-2.43E-13	-1.60E-15	-3.66E-13
3035.588		

COMB ULO06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884265	-730.156851
8.84E-14	1.48E-17	-3.10E-14
267.959991		
0.25000	-31.884265	-583.027828
7.06E-14	1.48E-17	-6.31E-14
532.628689		
0.50000	-31.884265	-448.692633
5.43E-14	1.48E-17	-8.82E-14
740.476798		
0.75000	-31.884265	-327.151265
3.96E-14	1.48E-17	-1.07E-13
896.669826		
1.00000	-31.884265	-218.403726
2.64E-14	1.48E-17	-1.20E-13
1006.373		

COMB ULO06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884265	-730.156851
8.84E-14	1.48E-17	-3.10E-14
267.959991		
0.25000	-31.884265	-583.027828
7.06E-14	1.48E-17	-6.31E-14
532.628689		
0.50000	-31.884265	-448.692633
5.43E-14	1.48E-17	-8.82E-14
740.476798		
0.75000	-31.884265	-327.151265
3.96E-14	1.48E-17	-1.07E-13
896.669826		
1.00000	-31.884265	-218.403726
2.64E-14	1.48E-17	-1.20E-13
1006.373		

COMB ULO07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		
0.25000	-11.939911	-583.099449
7.06E-14	1.75E-17	-1.20E-13
1011.490		
0.50000	-11.939911	-448.764254
5.43E-14	1.75E-17	-1.45E-13
1219.367		
0.75000	-11.939911	-327.222887
3.96E-14	1.75E-17	-1.64E-13
1375.589		
1.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		

COMB ULO07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		
0.25000	-11.939911	-583.099449
7.06E-14	1.75E-17	-1.20E-13
1011.490		
0.50000	-11.939911	-448.764254
5.43E-14	1.75E-17	-1.45E-13
1219.367		
0.75000	-11.939911	-327.222887
3.96E-14	1.75E-17	-1.64E-13
1375.589		
1.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 ULO08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	-730.050819
8.84E-14	1.48E-17	-3.11E-14
268.214878		
0.25000	-31.884303	-582.921796
7.06E-14	1.48E-17	-6.31E-14
532.840766		
0.50000	-31.884303	-448.586600
5.43E-14	1.48E-17	-8.83E-14
740.646064		
0.75000	-31.884303	-327.045233
3.96E-14	1.48E-17	-1.07E-13
896.796282		
1.00000	-31.884303	-218.297694
2.64E-14	1.48E-17	-1.20E-13
1006.457		

COMB ULO08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	-730.050819
8.84E-14	1.48E-17	-3.11E-14
268.214878		
0.25000	-31.884303	-582.921796
7.06E-14	1.48E-17	-6.31E-14
532.840766		
0.50000	-31.884303	-448.586600
5.43E-14	1.48E-17	-8.83E-14
740.646064		
0.75000	-31.884303	-327.045233
3.96E-14	1.48E-17	-1.07E-13
896.796282		
1.00000	-31.884303	-218.297694
2.64E-14	1.48E-17	-1.20E-13
1006.457		

COMB ULO09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		
0.25000	-11.939949	-582.993417
7.06E-14	1.74E-17	-1.20E-13
1011.702		
0.50000	-11.939949	-448.658222
5.43E-14	1.74E-17	-1.45E-13
1219.536		
0.75000	-11.939949	-327.116855
3.96E-14	1.74E-17	-1.64E-13
1375.715		
1.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		

COMB ULO09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	-730.122441
8.84E-14	1.74E-17	-8.82E-14
747.047184		
0.25000	-11.939949	-582.993417
7.06E-14	1.74E-17	-1.20E-13
1011.702		
0.50000	-11.939949	-448.658222
5.43E-14	1.74E-17	-1.45E-13
1219.536		
0.75000	-11.939949	-327.116855
3.96E-14	1.74E-17	-1.64E-13
1375.715		
1.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		

COMB ULO10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-96.439028	2852.876
-3.45E-13	-2.57E-15	-1.02E-12
8403.650		
0.25000	-96.439028	2994.346
-3.63E-13	-2.57E-15	-8.74E-13
7222.828		
0.50000	-96.439028	3123.514
-3.78E-13	-2.57E-15	-7.24E-13
5987.371		
0.75000	-96.439028	3240.381
-3.92E-13	-2.57E-15	-5.69E-13
4702.246		
1.00000	-96.439028	3344.946
-4.05E-13	-2.57E-15	-4.08E-13
3372.419		

COMB ULO10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-96.439028	2852.876
-3.45E-13	-2.57E-15	-1.02E-12
8403.650		
0.25000	-96.439028	2994.346
-3.63E-13	-2.57E-15	-8.74E-13
7222.828		
0.50000	-96.439028	3123.514
-3.78E-13	-2.57E-15	-7.24E-13
5987.371		
0.75000	-96.439028	3240.381
-3.92E-13	-2.57E-15	-5.69E-13
4702.246		
1.00000	-96.439028	3344.946
-4.05E-13	-2.57E-15	-4.08E-13
3372.419		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 287

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 ULO11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.261764	2852.807
-3.45E-13	-2.57E-15	-1.07E-12
8864.065		
0.25000	-77.261764	2994.277
-3.63E-13	-2.57E-15	-9.29E-13
7683.272		
0.50000	-77.261764	3123.446
-3.78E-13	-2.57E-15	-7.79E-13
6447.842		
0.75000	-77.261764	3240.312
-3.92E-13	-2.57E-15	-6.24E-13
5162.745		
1.00000	-77.261764	3344.877
-4.05E-13	-2.57E-15	-4.63E-13
3832.946		

COMB ULO11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.261764	2852.807
-3.45E-13	-2.57E-15	-1.07E-12
8864.065		
0.25000	-77.261764	2994.277
-3.63E-13	-2.57E-15	-9.29E-13
7683.272		
0.50000	-77.261764	3123.446
-3.78E-13	-2.57E-15	-7.79E-13
6447.842		
0.75000	-77.261764	3240.312
-3.92E-13	-2.57E-15	-6.24E-13
5162.745		
1.00000	-77.261764	3344.877
-4.05E-13	-2.57E-15	-4.63E-13
3832.946		

COMB ULO12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-63.680599	1440.713
-1.74E-13	-1.54E-15	-6.30E-13
5208.816		
0.25000	-63.680599	1582.183
-1.92E-13	-1.54E-15	-5.56E-13
4598.155		
0.50000	-63.680599	1711.352
-2.07E-13	-1.54E-15	-4.75E-13
3932.858		
0.75000	-63.680599	1828.219
-2.21E-13	-1.54E-15	-3.89E-13
3217.893		
1.00000	-63.680599	1932.784
-2.34E-13	-1.54E-15	-2.97E-13
2458.227		

COMB ULO12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-63.680599	1440.713
-1.74E-13	-1.54E-15	-6.30E-13
5208.816		
0.25000	-63.680599	1582.183
-1.92E-13	-1.54E-15	-5.56E-13
4598.155		
0.50000	-63.680599	1711.352
-2.07E-13	-1.54E-15	-4.75E-13
3932.858		
0.75000	-63.680599	1828.219
-2.21E-13	-1.54E-15	-3.89E-13
3217.893		
1.00000	-63.680599	1932.784
-2.34E-13	-1.54E-15	-2.97E-13
2458.227		

COMB ULO13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-44.503336	1440.644
-1.74E-13	-1.54E-15	-6.85E-13
5669.231		
0.25000	-44.503336	1582.115
-1.92E-13	-1.54E-15	-6.11E-13
5058.598		
0.50000	-44.503336	1711.283
-2.07E-13	-1.54E-15	-5.30E-13
4393.329		
0.75000	-44.503336	1828.150
-2.21E-13	-1.54E-15	-4.44E-13
3678.393		
1.00000	-44.503336	1932.715
-2.34E-13	-1.54E-15	-3.52E-13
2918.754		

COMB ULO13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-44.503336	1440.644
-1.74E-13	-1.54E-15	-6.85E-13
5669.231		
0.25000	-44.503336	1582.115
-1.92E-13	-1.54E-15	-6.11E-13
5058.598		
0.50000	-44.503336	1711.283
-2.07E-13	-1.54E-15	-5.30E-13
4393.329		
0.75000	-44.503336	1828.150
-2.21E-13	-1.54E-15	-4.44E-13
3678.393		
1.00000	-44.503336	1932.715
-2.34E-13	-1.54E-15	-3.52E-13
2918.754		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 288

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 ULO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-63.680636	1440.815
-1.74E-13	-1.54E-15	-6.30E-13
5209.061		
0.25000	-63.680636	1582.285
-1.92E-13	-1.54E-15	-5.56E-13
4598.358		
0.50000	-63.680636	1711.454
-2.07E-13	-1.54E-15	-4.75E-13
3933.021		
0.75000	-63.680636	1828.321
-2.21E-13	-1.54E-15	-3.89E-13
3218.015		
1.00000	-63.680636	1932.885
-2.34E-13	-1.54E-15	-2.97E-13
2458.308		

COMB ULO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-63.680636	1440.815
-1.74E-13	-1.54E-15	-6.30E-13
5209.061		
0.25000	-63.680636	1582.285
-1.92E-13	-1.54E-15	-5.56E-13
4598.358		
0.50000	-63.680636	1711.454
-2.07E-13	-1.54E-15	-4.75E-13
3933.021		
0.75000	-63.680636	1828.321
-2.21E-13	-1.54E-15	-3.89E-13
3218.015		
1.00000	-63.680636	1932.885
-2.34E-13	-1.54E-15	-2.97E-13
2458.308		

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-44.503373	1440.746
-1.74E-13	-1.54E-15	-6.85E-13
5669.476		
0.25000	-44.503373	1582.217
-1.92E-13	-1.54E-15	-6.11E-13
5058.802		
0.50000	-44.503373	1711.385
-2.07E-13	-1.54E-15	-5.30E-13
4393.492		
0.75000	-44.503373	1828.252
-2.21E-13	-1.54E-15	-4.44E-13
3678.514		
1.00000	-44.503373	1932.817
-2.34E-13	-1.54E-15	-3.52E-13
2918.835		

COMB ULO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-44.503373	1440.746
-1.74E-13	-1.54E-15	-6.85E-13
5669.476		
0.25000	-44.503373	1582.217
-1.92E-13	-1.54E-15	-6.11E-13
5058.802		
0.50000	-44.503373	1711.385
-2.07E-13	-1.54E-15	-5.30E-13
4393.492		
0.75000	-44.503373	1828.252
-2.21E-13	-1.54E-15	-4.44E-13
3678.514		
1.00000	-44.503373	1932.817
-2.34E-13	-1.54E-15	-3.52E-13
2918.835		

COMB ULO16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		
0.25000	-9.184576	-448.456475
5.43E-14	1.34E-17	-9.25E-14
778.232299		
0.50000	-9.184576	-345.121709
4.18E-14	1.34E-17	-1.12E-13
938.104772		
0.75000	-9.184576	-251.628350
3.05E-14	1.34E-17	-1.26E-13
1058.243		
1.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13
1142.619		

COMB ULO16 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647
6.80E-14	1.34E-17	-6.78E-14
574.651680		
0.25000	-9.184576	-448.456475
5.43E-14	1.34E-17	-9.25E-14
778.232299		
0.50000	-9.184576	-345.121709
4.18E-14	1.34E-17	-1.12E-13
938.104772		
0.75000	-9.184576	-251.628350
3.05E-14	1.34E-17	-1.26E-13
1058.243		
1.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13
1142.619		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 289

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 ULO17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		
0.25000	-11.939911	-583.099449
7.06E-14	1.75E-17	-1.20E-13
1011.490		
0.50000	-11.939911	-448.764254
5.43E-14	1.75E-17	-1.45E-13
1219.367		
0.75000	-11.939911	-327.222887
3.96E-14	1.75E-17	-1.64E-13
1375.589		
1.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		

COMB ULO17 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	-730.228473
8.84E-14	1.75E-17	-8.81E-14
746.792296		
0.25000	-11.939911	-583.099449
7.06E-14	1.75E-17	-1.20E-13
1011.490		
0.50000	-11.939911	-448.764254
5.43E-14	1.75E-17	-1.45E-13
1219.367		
0.75000	-11.939911	-327.222887
3.96E-14	1.75E-17	-1.64E-13
1375.589		
1.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		

COMB ULO18 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-74.171294	2738.695
-3.32E-13	-2.47E-15	-1.03E-12
8509.503		
0.25000	-74.171294	2874.506
-3.48E-13	-2.47E-15	-8.92E-13
7375.941		
0.50000	-74.171294	2998.508
-3.63E-13	-2.47E-15	-7.48E-13
6189.929		
0.75000	-74.171294	3110.700
-3.77E-13	-2.47E-15	-5.99E-13
4956.235		
1.00000	-74.171294	3211.082
-3.89E-13	-2.47E-15	-4.44E-13
3679.628		

COMB ULO18 ----------
MIN

REL DIST	P	V2

V3	T	M2	M3
0.00000	-74.171294	2738.695	
-3.32E-13	-2.47E-15	-1.03E-12	
8509.503			
0.25000	-74.171294	2874.506	
-3.48E-13	-2.47E-15	-8.92E-13	
7375.941			
0.50000	-74.171294	2998.508	
-3.63E-13	-2.47E-15	-7.48E-13	
6189.929			
0.75000	-74.171294	3110.700	
-3.77E-13	-2.47E-15	-5.99E-13	
4956.235			
1.00000	-74.171294	3211.082	
-3.89E-13	-2.47E-15	-4.44E-13	
3679.628			

COMB UEO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	-561.808007	
6.80E-14	1.35E-17	-6.78E-14	
574.230135			
0.25000	-9.184513	-448.631836	
5.43E-14	1.35E-17	-9.24E-14	
777.881556			
0.50000	-9.184513	-345.297070	
4.18E-14	1.35E-17	-1.12E-13	
937.824832			
0.75000	-9.184513	-251.803711	
3.05E-14	1.35E-17	-1.26E-13	
1058.033			
1.00000	-9.184513	-168.151757	
2.04E-14	1.35E-17	-1.37E-13	
1142.481			

COMB UEO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	-561.808007	
6.80E-14	1.35E-17	-6.78E-14	
574.230135			
0.25000	-9.184513	-448.631836	
5.43E-14	1.35E-17	-9.24E-14	
777.881556			
0.50000	-9.184513	-345.297070	
4.18E-14	1.35E-17	-1.12E-13	
937.824832			
0.75000	-9.184513	-251.803711	
3.05E-14	1.35E-17	-1.26E-13	
1058.033			
1.00000	-9.184513	-168.151757	
2.04E-14	1.35E-17	-1.37E-13	
1142.481			

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 UEO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
6.80E-14	1.34E-17	-6.78E-14	
574.651680			
0.25000	-9.184576	-448.456475	
5.43E-14	1.34E-17	-9.25E-14	
778.232299			
0.50000	-9.184576	-345.121709	
4.18E-14	1.34E-17	-1.12E-13	
938.104772			
0.75000	-9.184576	-251.628350	
3.05E-14	1.34E-17	-1.26E-13	
1058.243			
1.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			

COMB UEO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
6.80E-14	1.34E-17	-6.78E-14	
574.651680			
0.25000	-9.184576	-448.456475	
5.43E-14	1.34E-17	-9.25E-14	
778.232299			
0.50000	-9.184576	-345.121709	
4.18E-14	1.34E-17	-1.12E-13	
938.104772			
0.75000	-9.184576	-251.628350	
3.05E-14	1.34E-17	-1.26E-13	
1058.243			
1.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			

COMB UEO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.596862	3135.409	
-3.80E-13	-2.68E-15	-1.09E-12	
9046.233			
0.25000	-77.596862	3248.585	
-3.93E-13	-2.68E-15	-9.38E-13	
7757.133			
0.50000	-77.596862	3351.920	
-4.06E-13	-2.68E-15	-7.77E-13	
6424.325			
0.75000	-77.596862	3445.413	
-4.17E-13	-2.68E-15	-6.11E-13	
5051.782			
1.00000	-77.596862	3529.065	
-4.27E-13	-2.68E-15	-4.40E-13	
3643.478			

COMB UEO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.596862	3135.409	
-3.80E-13	-2.68E-15	-1.09E-12	
9046.233			
0.25000	-77.596862	3248.585	
-3.93E-13	-2.68E-15	-9.38E-13	
7757.133			
0.50000	-77.596862	3351.920	
-4.06E-13	-2.68E-15	-7.77E-13	
6424.325			
0.75000	-77.596862	3445.413	
-4.17E-13	-2.68E-15	-6.11E-13	
5051.782			
1.00000	-77.596862	3529.065	
-4.27E-13	-2.68E-15	-4.40E-13	
3643.478			

COMB UEO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528096	1666.760	
-2.02E-13	-1.61E-15	-6.92E-13	
5723.605			
0.25000	-43.528096	1779.936	
-2.15E-13	-1.61E-15	-6.07E-13	
5027.472			
0.50000	-43.528096	1883.271	
-2.28E-13	-1.61E-15	-5.18E-13	
4287.631			
0.75000	-43.528096	1976.764	
-2.39E-13	-1.61E-15	-4.23E-13	
3508.056			
1.00000	-43.528096	2060.416	
-2.49E-13	-1.61E-15	-3.25E-13	
2692.719			

COMB UEO04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528096	1666.760	
-2.02E-13	-1.61E-15	-6.92E-13	
5723.605			
0.25000	-43.528096	1779.936	
-2.15E-13	-1.61E-15	-6.07E-13	
5027.472			
0.50000	-43.528096	1883.271	
-2.28E-13	-1.61E-15	-5.18E-13	
4287.631			
0.75000	-43.528096	1976.764	
-2.39E-13	-1.61E-15	-4.23E-13	
3508.056			
1.00000	-43.528096	2060.416	
-2.49E-13	-1.61E-15	-3.25E-13	
2692.719			

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 UEO05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528135	1666.866	
-2.02E-13	-1.61E-15	-6.92E-13	
5723.860			
0.25000	-43.528135	1780.042	
-2.16E-13	-1.61E-15	-6.07E-13	
5027.684			
0.50000	-43.528135	1883.377	
-2.28E-13	-1.61E-15	-5.18E-13	
4287.800			
0.75000	-43.528135	1976.870	
-2.39E-13	-1.61E-15	-4.24E-13	
3508.182			
1.00000	-43.528135	2060.522	
-2.49E-13	-1.61E-15	-3.25E-13	
2692.802			

COMB UEO05 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528135	1666.866	
-2.02E-13	-1.61E-15	-6.92E-13	
5723.860			
0.25000	-43.528135	1780.042	
-2.16E-13	-1.61E-15	-6.07E-13	
5027.684			
0.50000	-43.528135	1883.377	
-2.28E-13	-1.61E-15	-5.18E-13	
4287.800			
0.75000	-43.528135	1976.870	
-2.39E-13	-1.61E-15	-4.24E-13	
3508.182			
1.00000	-43.528135	2060.522	
-2.49E-13	-1.61E-15	-3.25E-13	
2692.802			

COMB UEO06 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128892	-561.667057	
6.80E-14	1.08E-17	-1.07E-14	
95.564487			
0.25000	-29.128892	-448.490885	
5.43E-14	1.08E-17	-3.53E-14	
299.158999			
0.50000	-29.128892	-345.156120	
4.18E-14	1.08E-17	-5.47E-14	
459.045366			
0.75000	-29.128892	-251.662760	
3.05E-14	1.08E-17	-6.92E-14	
579.197055			
1.00000	-29.128892	-168.010807	
2.03E-14	1.08E-17	-7.95E-14	
663.587534			

COMB UEO06 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128892	-561.667057	
6.80E-14	1.08E-17	-1.07E-14	
95.564487			
0.25000	-29.128892	-448.490885	
5.43E-14	1.08E-17	-3.53E-14	
299.158999			
0.50000	-29.128892	-345.156120	
4.18E-14	1.08E-17	-5.47E-14	
459.045366			
0.75000	-29.128892	-251.662760	
3.05E-14	1.08E-17	-6.92E-14	
579.197055			
1.00000	-29.128892	-168.010807	
2.03E-14	1.08E-17	-7.95E-14	
663.587534			

COMB UEO07 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
6.80E-14	1.35E-17	-6.78E-14	
574.396792			
0.25000	-9.184538	-448.562507	
5.43E-14	1.35E-17	-9.25E-14	
778.020222			
0.50000	-9.184538	-345.227741	
4.18E-14	1.35E-17	-1.12E-13	
937.935506			
0.75000	-9.184538	-251.734382	
3.05E-14	1.35E-17	-1.26E-13	
1058.116			
1.00000	-9.184538	-168.082429	
2.04E-14	1.35E-17	-1.37E-13	
1142.536			

COMB UEO07 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	-561.738679	
6.80E-14	1.35E-17	-6.78E-14	
574.396792			
0.25000	-9.184538	-448.562507	
5.43E-14	1.35E-17	-9.25E-14	
778.020222			
0.50000	-9.184538	-345.227741	
4.18E-14	1.35E-17	-1.12E-13	
937.935506			
0.75000	-9.184538	-251.734382	
3.05E-14	1.35E-17	-1.26E-13	
1058.116			
1.00000	-9.184538	-168.082429	
2.04E-14	1.35E-17	-1.37E-13	
1142.536			

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 UEO08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128930	-561.561025	
6.80E-14	1.07E-17	-1.07E-14	
95.819374			
0.25000	-29.128930	-448.384853	
5.43E-14	1.07E-17	-3.54E-14	
299.371076			
0.50000	-29.128930	-345.050088	
4.18E-14	1.07E-17	-5.47E-14	
459.214633			
0.75000	-29.128930	-251.556728	
3.05E-14	1.07E-17	-6.93E-14	
579.323511			
1.00000	-29.128930	-167.904775	
2.03E-14	1.07E-17	-7.95E-14	
663.671180			

COMB UEO08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128930	-561.561025	
6.80E-14	1.07E-17	-1.07E-14	
95.819374			
0.25000	-29.128930	-448.384853	
5.43E-14	1.07E-17	-3.54E-14	
299.371076			
0.50000	-29.128930	-345.050088	
4.18E-14	1.07E-17	-5.47E-14	
459.214633			
0.75000	-29.128930	-251.556728	
3.05E-14	1.07E-17	-6.93E-14	
579.323511			
1.00000	-29.128930	-167.904775	
2.03E-14	1.07E-17	-7.95E-14	
663.671180			

COMB UEO09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
6.80E-14	1.34E-17	-6.78E-14	
574.651680			
0.25000	-9.184576	-448.456475	
5.43E-14	1.34E-17	-9.25E-14	
778.232299			
0.50000	-9.184576	-345.121709	
4.18E-14	1.34E-17	-1.12E-13	
938.104772			
0.75000	-9.184576	-251.628350	
3.05E-14	1.34E-17	-1.26E-13	
1058.243			
1.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			

COMB UEO09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-561.632647	
6.80E-14	1.34E-17	-6.78E-14	
574.651680			
0.25000	-9.184576	-448.456475	
5.43E-14	1.34E-17	-9.25E-14	
778.232299			
0.50000	-9.184576	-345.121709	
4.18E-14	1.34E-17	-1.12E-13	
938.104772			
0.75000	-9.184576	-251.628350	
3.05E-14	1.34E-17	-1.26E-13	
1058.243			
1.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			

COMB UEO10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-93.683655	3021.366	

-3.66E-13 -2.58E-15 -9.97E-13
8231.254
0.25000 -93.683655 3128.883
-3.79E-13 -2.58E-15 -8.46E-13
6989.358
0.50000 -93.683655 3227.051
-3.91E-13 -2.58E-15 -6.91E-13
5705.940
0.75000 -93.683655 3315.870
-4.01E-13 -2.58E-15 -5.31E-13
4384.773
1.00000 -93.683655 3395.339
-4.11E-13 -2.58E-15 -3.67E-13
3029.633

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 3021.366
-3.66E-13 -2.58E-15 -9.97E-13
8231.254
0.25000 -93.683655 3128.883
-3.79E-13 -2.58E-15 -8.46E-13
6989.358
0.50000 -93.683655 3227.051
-3.91E-13 -2.58E-15 -6.91E-13
5705.940
0.75000 -93.683655 3315.870
-4.01E-13 -2.58E-15 -5.31E-13
4384.773
1.00000 -93.683655 3395.339
-4.11E-13 -2.58E-15 -3.67E-13
3029.633
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 293

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3021.297
-3.66E-13 -2.57E-15 -1.05E-12
8691.670
0.25000 -74.506391 3128.814
-3.79E-13 -2.57E-15 -9.01E-13
7449.802
0.50000 -74.506391 3226.982
-3.91E-13 -2.57E-15 -7.46E-13
6166.411
0.75000 -74.506391 3315.801
-4.01E-13 -2.57E-15 -5.86E-13
4845.272
1.00000 -74.506391 3395.270
-4.11E-13 -2.57E-15 -4.22E-13
3490.160

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3021.297
-3.66E-13 -2.57E-15 -1.05E-12
8691.670
0.25000 -74.506391 3128.814
-3.79E-13 -2.57E-15 -9.01E-13
7449.802
0.50000 -74.506391 3226.982
-3.91E-13 -2.57E-15 -7.46E-13
6166.411
0.75000 -74.506391 3315.801
-4.01E-13 -2.57E-15 -5.86E-13
4845.272
1.00000 -74.506391 3395.270
-4.11E-13 -2.57E-15 -4.22E-13
3490.160

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 1609.203
-1.95E-13 -1.55E-15 -6.09E-13
5036.420
0.25000 -60.925227 1716.720
-2.08E-13 -1.55E-15 -5.28E-13
4364.685
0.50000 -60.925227 1814.888
-2.20E-13 -1.55E-15 -4.42E-13
3651.427
0.75000 -60.925227 1903.707
-2.30E-13 -1.55E-15 -3.51E-13
2900.421
1.00000 -60.925227 1983.176
-2.40E-13 -1.55E-15 -2.56E-13
2115.442

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 1609.203
-1.95E-13 -1.55E-15 -6.09E-13
5036.420
0.25000 -60.925227 1716.720
-2.08E-13 -1.55E-15 -5.28E-13
4364.685
0.50000 -60.925227 1814.888
-2.20E-13 -1.55E-15 -4.42E-13
3651.427
0.75000 -60.925227 1903.707
-2.30E-13 -1.55E-15 -3.51E-13
2900.421
1.00000 -60.925227 1983.176
-2.40E-13 -1.55E-15 -2.56E-13
2115.442

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 1609.134
-1.95E-13 -1.55E-15 -6.64E-13
5496.836
0.25000 -41.747963 1716.652
-2.08E-13 -1.55E-15 -5.83E-13
4825.128
0.50000 -41.747963 1814.820
-2.20E-13 -1.55E-15 -4.97E-13
4111.898
0.75000 -41.747963 1903.638
-2.30E-13 -1.55E-15 -4.06E-13
3360.920
1.00000 -41.747963 1983.108
-2.40E-13 -1.55E-15 -3.11E-13
2575.968

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 1609.134
-1.95E-13 -1.55E-15 -6.64E-13
5496.836
0.25000 -41.747963 1716.652
-2.08E-13 -1.55E-15 -5.83E-13
4825.128
0.50000 -41.747963 1814.820
-2.20E-13 -1.55E-15 -4.97E-13
4111.898
0.75000 -41.747963 1903.638
-2.30E-13 -1.55E-15 -4.06E-13
3360.920
1.00000 -41.747963 1983.108
-2.40E-13 -1.55E-15 -3.11E-13
2575.968
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 294

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 1609.305
-1.95E-13 -1.55E-15 -6.09E-13
5036.665
0.25000 -60.925263 1716.822
-2.08E-13 -1.55E-15 -5.28E-13
4364.889
0.50000 -60.925263 1814.990
-2.20E-13 -1.55E-15 -4.42E-13
3651.590
0.75000 -60.925263 1903.809
-2.30E-13 -1.55E-15 -3.51E-13
2900.542
1.00000 -60.925263 1983.278
-2.40E-13 -1.55E-15 -2.56E-13
2115.522

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 1609.305
-1.95E-13 -1.55E-15 -6.09E-13
5036.665
0.25000 -60.925263 1716.822
-2.08E-13 -1.55E-15 -5.28E-13
4364.889
0.50000 -60.925263 1814.990
-2.20E-13 -1.55E-15 -4.42E-13
3651.590
0.75000 -60.925263 1903.809
-2.30E-13 -1.55E-15 -3.51E-13
2900.542
1.00000 -60.925263 1983.278
-2.40E-13 -1.55E-15 -2.56E-13
2115.522

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 1609.236
-1.95E-13 -1.55E-15 -6.64E-13
5497.081
0.25000 -41.748000 1716.753
-2.08E-13 -1.55E-15 -5.83E-13
4825.332
0.50000 -41.748000 1814.921
-2.20E-13 -1.55E-15 -4.97E-13
4112.061
0.75000 -41.748000 1903.740
-2.30E-13 -1.55E-15 -4.06E-13
3361.041
1.00000 -41.748000 1983.210
-2.40E-13 -1.55E-15 -3.11E-13
2576.049

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 1609.236
-1.95E-13 -1.55E-15 -6.64E-13
5497.081
0.25000 -41.748000 1716.753
-2.08E-13 -1.55E-15 -5.83E-13
4825.332
0.50000 -41.748000 1814.921
-2.20E-13 -1.55E-15 -4.97E-13
4112.061
0.75000 -41.748000 1903.740
-2.30E-13 -1.55E-15 -4.06E-13
3361.041
1.00000 -41.748000 1983.210
-2.40E-13 -1.55E-15 -3.11E-13
2576.049

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.632647
6.80E-14 1.34E-17 -6.78E-14
574.651680
0.25000 -9.184576 -448.456475
5.43E-14 1.34E-17 -9.25E-14
778.232299
0.50000 -9.184576 -345.121709
4.18E-14 1.34E-17 -1.12E-13
938.104772
0.75000 -9.184576 -251.628350
3.05E-14 1.34E-17 -1.26E-13
1058.243
1.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 295

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792
0.25000 -9.184538 -448.562507
5.43E-14 1.35E-17 -9.25E-14
778.020222
0.50000 -9.184538 -345.227741
4.18E-14 1.35E-17 -1.12E-13
937.935506
0.75000 -9.184538 -251.734382
3.05E-14 1.35E-17 -1.26E-13
1058.116
1.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -561.738679
6.80E-14 1.35E-17 -6.78E-14
574.396792
0.25000 -9.184538 -448.562507
5.43E-14 1.35E-17 -9.25E-14
778.020222
0.50000 -9.184538 -345.227741
4.18E-14 1.35E-17 -1.12E-13
937.935506
0.75000 -9.184538 -251.734382
3.05E-14 1.35E-17 -1.26E-13
1058.116
1.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 2907.184
-3.52E-13 -2.47E-15 -1.01E-12
8337.107
0.25000 -71.415921 3009.043
-3.64E-13 -2.47E-15 -8.64E-13
7142.471
0.50000 -71.415921 3102.044
-3.76E-13 -2.47E-15 -7.15E-13
5908.497
0.75000 -71.415921 3186.188
-3.86E-13 -2.47E-15 -5.61E-13
4638.762
1.00000 -71.415921 3261.475
-3.95E-13 -2.47E-15 -4.03E-13
3336.842

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 2907.184
-3.52E-13 -2.47E-15 -1.01E-12
8337.107
0.25000 -71.415921 3009.043
-3.64E-13 -2.47E-15 -8.64E-13
7142.471
0.50000 -71.415921 3102.044
-3.76E-13 -2.47E-15 -7.15E-13
5908.497
0.75000 -71.415921 3186.188
-3.86E-13 -2.47E-15 -5.61E-13
4638.762
1.00000 -71.415921 3261.475
-3.95E-13 -2.47E-15 -4.03E-13
3336.842

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639
0.25000 -11.939886 -583.168778
7.06E-14 1.76E-17 -1.20E-13
1011.351
0.50000 -11.939886 -448.833583
5.44E-14 1.76E-17 -1.45E-13
1219.256
0.75000 -11.939886 -327.292215
3.96E-14 1.76E-17 -1.64E-13
1375.506
1.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639

0.25000 -11.939886 -583.168778
7.06E-14 1.76E-17 -1.20E-13
1011.351
0.50000 -11.939886 -448.833583
5.44E-14 1.76E-17 -1.45E-13
1219.256
0.75000 -11.939886 -327.292215
3.96E-14 1.76E-17 -1.64E-13
1375.506
1.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -561.632647
6.80E-14 1.35E-17 -6.78E-14
574.651680
0.25000 -9.184513 -448.456475
5.43E-14 1.35E-17 -9.24E-14
778.232299
0.50000 -9.184513 -345.121709
4.18E-14 1.35E-17 -1.12E-13
938.104772
0.75000 -9.184513 -251.628350
3.05E-14 1.35E-17 -1.26E-13
1058.243
1.00000 -9.184513 -167.976397
2.04E-14 1.35E-17 -1.37E-13
1142.619

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.808007
6.80E-14 1.34E-17 -6.78E-14
574.230135
0.25000 -9.184576 -448.631836
5.43E-14 1.34E-17 -9.25E-14
777.881556
0.50000 -9.184576 -345.297070
4.18E-14 1.34E-17 -1.12E-13
937.824832
0.75000 -9.184576 -251.803711
3.05E-14 1.34E-17 -1.26E-13
1058.033
1.00000 -9.184576 -168.151757
2.03E-14 1.34E-17 -1.37E-13
1142.481

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639
0.25000 -11.939886 -583.168778
7.06E-14 1.76E-17 -1.20E-13
1011.351
0.50000 -11.939886 -448.833583
5.44E-14 1.76E-17 -1.45E-13
1219.256
0.75000 -11.939886 -327.292215
3.96E-14 1.76E-17 -1.64E-13
1375.506
1.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -730.297801
8.84E-14 1.76E-17 -8.81E-14
746.625639
0.25000 -11.939886 -583.168778
7.06E-14 1.76E-17 -1.20E-13
1011.351
0.50000 -11.939886 -448.833583
5.44E-14 1.76E-17 -1.45E-13
1219.256
0.75000 -11.939886 -327.292215
3.96E-14 1.76E-17 -1.64E-13
1375.506
1.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -561.632647
6.80E-14 1.35E-17 -6.78E-14
574.651680
0.25000 -9.184513 -448.456475
5.43E-14 1.35E-17 -9.24E-14
778.232299
0.50000 -9.184513 -345.121709
4.18E-14 1.35E-17 -1.12E-13
938.104772
0.75000 -9.184513 -251.628350
3.05E-14 1.35E-17 -1.26E-13
1058.243
1.00000 -9.184513 -167.976397
2.04E-14 1.35E-17 -1.37E-13
1142.619

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -561.808007
6.80E-14 1.34E-17 -6.78E-14
574.230135
0.25000 -9.184576 -448.631836
5.43E-14 1.34E-17 -9.25E-14
777.881556
0.50000 -9.184576 -345.297070
4.18E-14 1.34E-17 -1.12E-13
937.824832
0.75000 -9.184576 -251.803711
3.05E-14 1.34E-17 -1.26E-13
1058.033
1.00000 -9.184576 -168.151757
2.03E-14 1.34E-17 -1.37E-13
1142.481

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 5 ==========
LENGTH = 0.500000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 7.79E-18
-0.064343
0.25000 2.95E-05 -0.081563
9.88E-18 5.93E-20 6.56E-18
-0.054147
0.50000 2.95E-05 -0.081563
9.88E-18 5.93E-20 5.33E-18
-0.043952
0.75000 2.95E-05 -0.081563
9.88E-18 5.93E-20 4.09E-18
-0.033757
1.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 2.86E-18
-0.023561

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 3.16E-17 -1.13E-15
-9.351957 -5.784978 62.276220
8.51E-15
0.25000 3.16E-17 -9.98E-16
-8.226957 -5.784978 63.374902
8.65E-15
0.50000 3.16E-17 -8.62E-16
-7.101957 -5.784978 64.332959
8.76E-15
0.75000 3.16E-17 -7.25E-16
-5.976957 -5.784978 65.150391
8.86E-15
1.00000 3.16E-17 -5.89E-16
-4.851957 -5.784978 65.827198
8.94E-15

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 1.52E-26 1.45E-24
1.02E-08 7.36E-09 1.12E-08
-3.88E-26
0.25000 1.52E-26 1.45E-24
1.02E-08 7.36E-09 9.90E-09
-2.20E-25
0.50000 1.52E-26 1.45E-24
1.02E-08 7.36E-09 8.61E-09
-4.01E-25
0.75000 1.52E-26 1.45E-24
1.02E-08 7.36E-09 7.33E-09
-5.82E-25
1.00000 1.52E-26 1.45E-24
1.02E-08 7.36E-09 6.05E-09
-7.63E-25

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -2.34E-13
1923.737
0.25000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -1.91E-13
1568.253
0.50000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -1.48E-13
1212.768

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 -52.624835 2843.878
-3.44E-13 -2.07E-15 -1.05E-13
857.283165
1.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -6.15E-14
501.798394

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -2.79E-14
230.579806
0.25000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -2.35E-14
194.043480
0.50000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -1.91E-14
157.507155
0.75000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -1.47E-14
120.970829
1.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -1.02E-14
84.434504

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.421519
0.25000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.428405
0.50000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.435292
0.75000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.442179
1.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.449065

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555
0.25000 -9.184547 -143.682960
1.74E-14 1.35E-17 -1.39E-13
1162.039
0.50000 -9.184547 -119.307960
1.44E-14 1.35E-17 -1.41E-13
1178.476
0.75000 -9.184547 -94.932960
1.15E-14 1.35E-17 -1.43E-13
1191.866
1.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -168.057960
2.04E-14 1.35E-17 -1.37E-13
1142.555
0.25000 -9.184547 -143.682960
1.74E-14 1.35E-17 -1.39E-13
1162.039
0.50000 -9.184547 -119.307960
1.44E-14 1.35E-17 -1.41E-13
1178.476
0.75000 -9.184547 -94.932960
1.15E-14 1.35E-17 -1.43E-13
1191.866
1.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619

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 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB SVB02 ----------

MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13
1142.619		
0.25000	-9.184576	-143.601397
1.74E-14	1.34E-17	-1.39E-13
1162.093		
0.50000	-9.184576	-119.226397
1.44E-14	1.34E-17	-1.41E-13
1178.520		
0.75000	-9.184576	-94.851397
1.15E-14	1.34E-17	-1.43E-13
1191.899		
1.00000	-9.184576	-70.476397
8.53E-15	1.34E-17	-1.44E-13
1202.232		

COMB SVB03 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-9.351957	-5.784978	62.276220
1142.619		
0.25000	-9.184576	-143.601397
-8.226957	-5.784978	63.374902
1162.093		
0.50000	-9.184576	-119.226397
-7.101957	-5.784978	64.332959
1178.520		
0.75000	-9.184576	-94.851397
-5.976957	-5.784978	65.150391
1191.899		
1.00000	-9.184576	-70.476397
-4.851957	-5.784978	65.827198
1202.232		

COMB SVB03 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-9.351957	-5.784978	62.276220
1142.619		
0.25000	-9.184576	-143.601397
-8.226957	-5.784978	63.374902
1162.093		
0.50000	-9.184576	-119.226397
-7.101957	-5.784978	64.332959
1178.520		
0.75000	-9.184576	-94.851397
-5.976957	-5.784978	65.150391
1191.899		
1.00000	-9.184576	-70.476397
-4.851957	-5.784978	65.827198
1202.232		

COMB SVB04 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-168.057960
-4.675979	-2.892489	31.138110
1142.555		
0.25000	-9.184547	-143.682960
-4.113479	-2.892489	31.687451
1162.039		
0.50000	-9.184547	-119.307960
-3.550979	-2.892489	32.166480
1178.476		
0.75000	-9.184547	-94.932960
-2.988479	-2.892489	32.575196
1191.866		
1.00000	-9.184547	-70.557960
-2.425979	-2.892489	32.913599
1202.209		

COMB SVB04 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-168.057960
-4.675979	-2.892489	31.138110
1142.555		
0.25000	-9.184547	-143.682960
-4.113479	-2.892489	31.687451
1162.039		
0.50000	-9.184547	-119.307960
-3.550979	-2.892489	32.166480
1178.476		
0.75000	-9.184547	-94.932960
-2.988479	-2.892489	32.575196
1191.866		
1.00000	-9.184547	-70.557960
-2.425979	-2.892489	32.913599
1202.209		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 300

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 SVB05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-4.675979	-2.892489	31.138110
1142.619		
0.25000	-9.184576	-143.601397
-4.113479	-2.892489	31.687451
1162.093		
0.50000	-9.184576	-119.226397
-3.550979	-2.892489	32.166480
1178.520		
0.75000	-9.184576	-94.851397
-2.988479	-2.892489	32.575196
1191.899		
1.00000	-9.184576	-70.476397
-2.425979	-2.892489	32.913599
1202.232		

COMB SVB05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-4.675979	-2.892489	31.138110
1142.619		
0.25000	-9.184576	-143.601397
-4.113479	-2.892489	31.687451
1162.093		
0.50000	-9.184576	-119.226397
-3.550979	-2.892489	32.166480
1178.520		
0.75000	-9.184576	-94.851397
-2.988479	-2.892489	32.575196
1191.899		
1.00000	-9.184576	-70.476397
-2.425979	-2.892489	32.913599
1202.232		

COMB SVB06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-168.057960
1.02E-08	7.36E-09	1.12E-08
1142.555		
0.25000	-9.184547	-143.682960
1.02E-08	7.36E-09	9.90E-09
1162.039		
0.50000	-9.184547	-119.307960
1.02E-08	7.36E-09	8.61E-09
1178.476		
0.75000	-9.184547	-94.932960
1.02E-08	7.36E-09	7.33E-09
1191.866		
1.00000	-9.184547	-70.557960
1.02E-08	7.36E-09	6.05E-09
1202.209		

COMB SVB06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-168.057960
1.02E-08	7.36E-09	1.12E-08
1142.555		
0.25000	-9.184547	-143.682960
1.02E-08	7.36E-09	9.90E-09
1162.039		
0.50000	-9.184547	-119.307960
1.02E-08	7.36E-09	8.61E-09
1178.476		
0.75000	-9.184547	-94.932960
1.02E-08	7.36E-09	7.33E-09
1191.866		
1.00000	-9.184547	-70.557960
1.02E-08	7.36E-09	6.05E-09
1202.209		

COMB SVB07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-168.057960
2.04E-14	1.35E-17	-1.37E-13
1142.555		
0.25000	-9.184547	-143.682960
1.74E-14	1.35E-17	-1.39E-13
1162.039		
0.50000	-9.184547	-119.307960
1.44E-14	1.35E-17	-1.41E-13
1178.476		
0.75000	-9.184547	-94.932960
1.15E-14	1.35E-17	-1.43E-13
1191.866		
1.00000	-9.184547	-70.557960
8.54E-15	1.35E-17	-1.44E-13
1202.209		

COMB SVB07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-168.057960
2.04E-14	1.35E-17	-1.37E-13
1142.555		
0.25000	-9.184547	-143.682960
1.74E-14	1.35E-17	-1.39E-13
1162.039		
0.50000	-9.184547	-119.307960
1.44E-14	1.35E-17	-1.41E-13
1178.476		
0.75000	-9.184547	-94.932960
1.15E-14	1.35E-17	-1.43E-13
1191.866		
1.00000	-9.184547	-70.557960
8.54E-15	1.35E-17	-1.44E-13
1202.209		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 301

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 SVB08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
1.02E-08	7.36E-09	1.12E-08
1142.619		
0.25000	-9.184576	-143.601397
1.02E-08	7.36E-09	9.90E-09
1162.093		
0.50000	-9.184576	-119.226397
1.02E-08	7.36E-09	8.61E-09
1178.520		
0.75000	-9.184576	-94.851397
1.02E-08	7.36E-09	7.33E-09
1191.899		
1.00000	-9.184576	-70.476397
1.02E-08	7.36E-09	6.05E-09
1202.232		

COMB SVB08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
1.02E-08	7.36E-09	1.12E-08
1142.619		
0.25000	-9.184576	-143.601397
1.02E-08	7.36E-09	9.90E-09
1162.093		
0.50000	-9.184576	-119.226397
1.02E-08	7.36E-09	8.61E-09
1178.520		
0.75000	-9.184576	-94.851397
1.02E-08	7.36E-09	7.33E-09
1191.899		
1.00000	-9.184576	-70.476397
1.02E-08	7.36E-09	6.05E-09
1202.232		

COMB SVB09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13
1142.619		
0.25000	-9.184576	-143.601397
1.74E-14	1.34E-17	-1.39E-13
1162.093		
0.50000	-9.184576	-119.226397
1.44E-14	1.34E-17	-1.41E-13
1178.520		
0.75000	-9.184576	-94.851397
1.15E-14	1.34E-17	-1.43E-13
1191.899		
1.00000	-9.184576	-70.476397
8.53E-15	1.34E-17	-1.44E-13
1202.232		

COMB SVB09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13
1142.619		
0.25000	-9.184576	-143.601397
1.74E-14	1.34E-17	-1.39E-13
1162.093		
0.50000	-9.184576	-119.226397
1.44E-14	1.34E-17	-1.41E-13
1178.520		
0.75000	-9.184576	-94.851397
1.15E-14	1.34E-17	-1.43E-13
1191.899		
1.00000	-9.184576	-70.476397
8.53E-15	1.34E-17	-1.44E-13
1202.232		

COMB SVB10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-9.351957	-5.784978	62.276220
1142.619		
0.25000	-9.184576	-143.601397
-8.226957	-5.784978	63.374902
1162.093		
0.50000	-9.184576	-119.226397
-7.101957	-5.784978	64.332959
1178.520		
0.75000	-9.184576	-94.851397
-5.976957	-5.784978	65.150391
1191.899		
1.00000	-9.184576	-70.476397
-4.851957	-5.784978	65.827198
1202.232		

COMB SVB10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-9.351957	-5.784978	62.276220
1142.619		
0.25000	-9.184576	-143.601397
-8.226957	-5.784978	63.374902
1162.093		
0.50000	-9.184576	-119.226397
-7.101957	-5.784978	64.332959
1178.520		
0.75000	-9.184576	-94.851397
-5.976957	-5.784978	65.150391
1191.899		
1.00000	-9.184576	-70.476397
-4.851957	-5.784978	65.827198
1202.232		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 302

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 SVB11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-9.351957	-5.784978	62.276220
1142.619		
0.25000	-9.184576	-143.601397
-8.226957	-5.784978	63.374902
1162.093		
0.50000	-9.184576	-119.226397
-7.101957	-5.784978	64.332959
1178.520		
0.75000	-9.184576	-94.851397
-5.976957	-5.784978	65.150391
1191.899		
1.00000	-9.184576	-70.476397
-4.851957	-5.784978	65.827198
1202.232		

COMB SVB11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
-9.351957	-5.784978	62.276220
1142.619		
0.25000	-9.184576	-143.601397
-8.226957	-5.784978	63.374902
1162.093		
0.50000	-9.184576	-119.226397
-7.101957	-5.784978	64.332959
1178.520		
0.75000	-9.184576	-94.851397
-5.976957	-5.784978	65.150391
1191.899		
1.00000	-9.184576	-70.476397
-4.851957	-5.784978	65.827198
1202.232		

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555
0.25000 -9.184547 -143.682960
-4.113479 -2.892489 31.687451
1162.039
0.50000 -9.184547 -119.307960
-3.550979 -2.892489 32.166480
1178.476
0.75000 -9.184547 -94.932960
-2.988479 -2.892489 32.575196
1191.866
1.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555
0.25000 -9.184547 -143.682960
-4.113479 -2.892489 31.687451
1162.039
0.50000 -9.184547 -119.307960
-3.550979 -2.892489 32.166480
1178.476
0.75000 -9.184547 -94.932960
-2.988479 -2.892489 32.575196
1191.866
1.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555
0.25000 -9.184547 -143.682960
-4.113479 -2.892489 31.687451
1162.039
0.50000 -9.184547 -119.307960
-3.550979 -2.892489 32.166480
1178.476
0.75000 -9.184547 -94.932960
-2.988479 -2.892489 32.575196
1191.866
1.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -168.057960
-4.675979 -2.892489 31.138110
1142.555
0.25000 -9.184547 -143.682960
-4.113479 -2.892489 31.687451
1162.039
0.50000 -9.184547 -119.307960
-3.550979 -2.892489 32.166480
1178.476
0.75000 -9.184547 -94.932960
-2.988479 -2.892489 32.575196
1191.866
1.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619
0.25000 -9.184576 -143.601397
-4.113479 -2.892489 31.687451
1162.093
0.50000 -9.184576 -119.226397
-3.550979 -2.892489 32.166480
1178.520
0.75000 -9.184576 -94.851397
-2.988479 -2.892489 32.575196
1191.899
1.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619
0.25000 -9.184576 -143.601397
-4.113479 -2.892489 31.687451
1162.093
0.50000 -9.184576 -119.226397
-3.550979 -2.892489 32.166480
1178.520
0.75000 -9.184576 -94.851397
-2.988479 -2.892489 32.575196
1191.899
1.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619
0.25000 -9.184576 -143.601397
-4.113479 -2.892489 31.687451
1162.093
0.50000 -9.184576 -119.226397
-3.550979 -2.892489 32.166480
1178.520
0.75000 -9.184576 -94.851397
-2.988479 -2.892489 32.575196
1191.899
1.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-4.675979 -2.892489 31.138110
1142.619
0.25000 -9.184576 -143.601397
-4.113479 -2.892489 31.687451
1162.093
0.50000 -9.184576 -119.226397
-3.550979 -2.892489 32.166480
1178.520
0.75000 -9.184576 -94.851397
-2.988479 -2.892489 32.575196
1191.899
1.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267
0.25000 -11.939886 -186.857176
2.26E-14 1.76E-17 -1.81E-13
1510.604
0.50000 -11.939886 -155.169676
1.88E-14 1.76E-17 -1.83E-13
1531.981
0.75000 -11.939886 -123.482176
1.50E-14 1.76E-17 -1.85E-13
1549.397
1.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267
0.25000 -11.939886 -186.857176
2.26E-14 1.76E-17 -1.81E-13
1510.604
0.50000 -11.939886 -155.169676
1.88E-14 1.76E-17 -1.83E-13
1531.981
0.75000 -11.939886 -123.482176
1.50E-14 1.76E-17 -1.85E-13
1549.397
1.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
2.64E-14 1.74E-17 -1.78E-13
1485.405
0.25000 -11.939949 -186.681816
2.26E-14 1.74E-17 -1.81E-13
1510.721
0.50000 -11.939949 -154.994316
1.88E-14 1.74E-17 -1.83E-13
1532.075
0.75000 -11.939949 -123.306816
1.49E-14 1.74E-17 -1.85E-13
1549.469
1.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
2.64E-14 1.74E-17 -1.78E-13
1485.405
0.25000 -11.939949 -186.681816
2.26E-14 1.74E-17 -1.81E-13
1510.721
0.50000 -11.939949 -154.994316
1.88E-14 1.74E-17 -1.83E-13
1532.075
0.75000 -11.939949 -123.306816
1.49E-14 1.74E-17 -1.85E-13
1549.469
1.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902

COMB ULB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
-12.157545 -7.520471 80.959086
1485.405
0.25000 -11.939949 -186.681816
-10.695045 -7.520471 82.387372
1510.721
0.50000 -11.939949 -154.994316
-9.232545 -7.520471 83.632847
1532.075
0.75000 -11.939949 -123.306816
-7.770045 -7.520471 84.695509
1549.469
1.00000 -11.939949 -91.619316
-6.307545 -7.520471 85.575358
1562.902

COMB ULB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
-12.157545 -7.520471 80.959086
1485.405
0.25000 -11.939949 -186.681816
-10.695045 -7.520471 82.387372
1510.721
0.50000 -11.939949 -154.994316
-9.232545 -7.520471 83.632847
1532.075
0.75000 -11.939949 -123.306816
-7.770045 -7.520471 84.695509
1549.469
1.00000 -11.939949 -91.619316
-6.307545 -7.520471 85.575358
1562.902

COMB ULB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
-6.078772 -3.760236 40.479543
1485.321
0.25000 -11.939911 -186.787848
-5.347522 -3.760236 41.193686
1510.650
0.50000 -11.939911 -155.100348
-4.616272 -3.760236 41.816423
1532.018
0.75000 -11.939911 -123.412848
-3.885022 -3.760236 42.347754
1549.425
1.00000 -11.939911 -91.725348
-3.153772 -3.760236 42.787679
1562.871

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 ULB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
-6.078772 -3.760236 40.479543
1485.405
0.25000 -11.939949 -186.681816
-5.347522 -3.760236 41.193686
1510.721
0.50000 -11.939949 -154.994316
-4.616272 -3.760236 41.816423
1532.075
0.75000 -11.939949 -123.306816
-3.885022 -3.760236 42.347754
1549.469
1.00000 -11.939949 -91.619316
-3.153772 -3.760236 42.787679
1562.902

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
-6.078772 -3.760236 40.479543
1485.405
0.25000 -11.939949 -186.681816
-5.347522 -3.760236 41.193686
1510.721
0.50000 -11.939949 -154.994316
-4.616272 -3.760236 41.816423
1532.075
0.75000 -11.939949 -123.306816
-3.885022 -3.760236 42.347754
1549.469
1.00000 -11.939949 -91.619316
-3.153772 -3.760236 42.787679
1562.902

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
1.33E-08 9.57E-09 1.45E-08
1485.321
0.25000 -11.939911 -186.787848
1.33E-08 9.57E-09 1.29E-08
1510.650
0.50000 -11.939911 -155.100348
1.33E-08 9.57E-09 1.12E-08
1532.018
0.75000 -11.939911 -123.412848
1.33E-08 9.57E-09 9.53E-09
1549.425
1.00000 -11.939911 -91.725348
1.33E-08 9.57E-09 7.87E-09
1562.871

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3

0.00000	-11.939911	-218.475348
1.33E-08	9.57E-09	1.45E-08
1485.321		
0.25000	-11.939911	-186.787848
1.33E-08	9.57E-09	1.29E-08
1510.650		
0.50000	-11.939911	-155.100348
1.33E-08	9.57E-09	1.12E-08
1532.018		
0.75000	-11.939911	-123.412848
1.33E-08	9.57E-09	9.53E-09
1549.425		
1.00000	-11.939911	-91.725348
1.33E-08	9.57E-09	7.87E-09
1562.871		

COMB ULB07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		
0.25000	-11.939911	-186.787848
2.26E-14	1.75E-17	-1.81E-13
1510.650		
0.50000	-11.939911	-155.100348
1.88E-14	1.75E-17	-1.83E-13
1532.018		
0.75000	-11.939911	-123.412848
1.49E-14	1.75E-17	-1.85E-13
1549.425		
1.00000	-11.939911	-91.725348
1.11E-14	1.75E-17	-1.87E-13
1562.871		

COMB ULB07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-218.475348
2.65E-14	1.75E-17	-1.78E-13
1485.321		
0.25000	-11.939911	-186.787848
2.26E-14	1.75E-17	-1.81E-13
1510.650		
0.50000	-11.939911	-155.100348
1.88E-14	1.75E-17	-1.83E-13
1532.018		
0.75000	-11.939911	-123.412848
1.49E-14	1.75E-17	-1.85E-13
1549.425		
1.00000	-11.939911	-91.725348
1.11E-14	1.75E-17	-1.87E-13
1562.871		

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 ULB08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-218.369316
1.33E-08	9.57E-09	1.45E-08
1485.405		
0.25000	-11.939949	-186.681816
1.33E-08	9.57E-09	1.29E-08
1510.721		
0.50000	-11.939949	-154.994316
1.33E-08	9.57E-09	1.12E-08
1532.075		
0.75000	-11.939949	-123.306816
1.33E-08	9.57E-09	9.53E-09
1549.469		
1.00000	-11.939949	-91.619316
1.33E-08	9.57E-09	7.87E-09
1562.902		

COMB ULB08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-218.369316
1.33E-08	9.57E-09	1.45E-08
1485.405		
0.25000	-11.939949	-186.681816
1.33E-08	9.57E-09	1.29E-08
1510.721		
0.50000	-11.939949	-154.994316
1.33E-08	9.57E-09	1.12E-08
1532.075		
0.75000	-11.939949	-123.306816
1.33E-08	9.57E-09	9.53E-09
1549.469		
1.00000	-11.939949	-91.619316
1.33E-08	9.57E-09	7.87E-09
1562.902		

COMB ULB09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		
0.25000	-11.939949	-186.681816
2.26E-14	1.74E-17	-1.81E-13
1510.721		
0.50000	-11.939949	-154.994316
1.88E-14	1.74E-17	-1.83E-13
1532.075		
0.75000	-11.939949	-123.306816
1.49E-14	1.74E-17	-1.85E-13
1549.469		
1.00000	-11.939949	-91.619316
1.11E-14	1.74E-17	-1.87E-13
1562.902		

COMB ULB09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-218.369316
2.64E-14	1.74E-17	-1.78E-13
1485.405		
0.25000	-11.939949	-186.681816
2.26E-14	1.74E-17	-1.81E-13
1510.721		
0.50000	-11.939949	-154.994316
1.88E-14	1.74E-17	-1.83E-13
1532.075		
0.75000	-11.939949	-123.306816
1.49E-14	1.74E-17	-1.85E-13
1549.469		
1.00000	-11.939949	-91.619316
1.11E-14	1.74E-17	-1.87E-13
1562.902		

COMB ULB10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		
0.25000	-11.480720	-179.501746
-10.283697	-7.231222	79.218627
1452.616		
0.50000	-11.480720	-149.032996
-8.877447	-7.231222	80.416199
1473.149		
0.75000	-11.480720	-118.564246
-7.471197	-7.231222	81.437989
1489.874		
1.00000	-11.480720	-88.095496
-6.064947	-7.231222	82.283998
1502.790		

COMB ULB10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		
0.25000	-11.480720	-179.501746
-10.283697	-7.231222	79.218627
1452.616		
0.50000	-11.480720	-149.032996
-8.877447	-7.231222	80.416199
1473.149		
0.75000	-11.480720	-118.564246
-7.471197	-7.231222	81.437989
1489.874		
1.00000	-11.480720	-88.095496
-6.064947	-7.231222	82.283998
1502.790		

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 ULB11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		
0.25000	-11.480720	-179.501746
-10.283697	-7.231222	79.218627
1452.616		
0.50000	-11.480720	-149.032996
-8.877447	-7.231222	80.416199
1473.149		
0.75000	-11.480720	-118.564246
-7.471197	-7.231222	81.437989
1489.874		
1.00000	-11.480720	-88.095496
-6.064947	-7.231222	82.283998
1502.790		

COMB ULB11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-11.689947	-7.231222	77.845275
1428.274		
0.25000	-11.480720	-179.501746
-10.283697	-7.231222	79.218627
1452.616		
0.50000	-11.480720	-149.032996
-8.877447	-7.231222	80.416199
1473.149		
0.75000	-11.480720	-118.564246
-7.471197	-7.231222	81.437989
1489.874		
1.00000	-11.480720	-88.095496
-6.064947	-7.231222	82.283998
1502.790		

COMB ULB12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480683	-210.072450
-5.844973	-3.615611	38.922637
1428.194		
0.25000	-11.480683	-179.603700
-5.141848	-3.615611	39.609314
1452.548		
0.50000	-11.480683	-149.134950
-4.438723	-3.615611	40.208099
1473.094		
0.75000	-11.480683	-118.666200
-3.735598	-3.615611	40.718995
1489.832		
1.00000	-11.480683	-88.197450
-3.032473	-3.615611	41.141999
1502.761		

COMB ULB12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480683	-210.072450
-5.844973	-3.615611	38.922637
1428.194		
0.25000	-11.480683	-179.603700
-5.141848	-3.615611	39.609314
1452.548		
0.50000	-11.480683	-149.134950
-4.438723	-3.615611	40.208099
1473.094		
0.75000	-11.480683	-118.666200
-3.735598	-3.615611	40.718995
1489.832		
1.00000	-11.480683	-88.197450
-3.032473	-3.615611	41.141999
1502.761		

COMB ULB13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480683	-210.072450
-5.844973	-3.615611	38.922637
1428.194		
0.25000	-11.480683	-179.603700
-5.141848	-3.615611	39.609314
1452.548		
0.50000	-11.480683	-149.134950
-4.438723	-3.615611	40.208099
1473.094		
0.75000	-11.480683	-118.666200
-3.735598	-3.615611	40.718995
1489.832		
1.00000	-11.480683	-88.197450
-3.032473	-3.615611	41.141999
1502.761		

COMB ULB13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480683	-210.072450
-5.844973	-3.615611	38.922637
1428.194		
0.25000	-11.480683	-179.603700
-5.141848	-3.615611	39.609314
1452.548		
0.50000	-11.480683	-149.134950
-4.438723	-3.615611	40.208099
1473.094		
0.75000	-11.480683	-118.666200
-3.735598	-3.615611	40.718995
1489.832		
1.00000	-11.480683	-88.197450
-3.032473	-3.615611	41.141999
1502.761		

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 ULB14 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-5.844973	-3.615611	38.922637
1428.274		
0.25000	-11.480720	-179.501746
-5.141848	-3.615611	39.609314
1452.616		
0.50000	-11.480720	-149.032996
-4.438723	-3.615611	40.208099
1473.149		
0.75000	-11.480720	-118.564246
-3.735598	-3.615611	40.718995
1489.874		
1.00000	-11.480720	-88.095496
-3.032473	-3.615611	41.141999
1502.790		

COMB ULB14 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-5.844973	-3.615611	38.922637
1428.274		
0.25000	-11.480720	-179.501746
-5.141848	-3.615611	39.609314
1452.616		
0.50000	-11.480720	-149.032996
-4.438723	-3.615611	40.208099
1473.149		
0.75000	-11.480720	-118.564246
-3.735598	-3.615611	40.718995
1489.874		
1.00000	-11.480720	-88.095496
-3.032473	-3.615611	41.141999
1502.790		

COMB ULB15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-5.844973	-3.615611	38.922637
1428.274		
0.25000	-11.480720	-179.501746
-5.141848	-3.615611	39.609314
1452.616		
0.50000	-11.480720	-149.032996
-4.438723	-3.615611	40.208099
1473.149		
0.75000	-11.480720	-118.564246
-3.735598	-3.615611	40.718995
1489.874		
1.00000	-11.480720	-88.095496
-3.032473	-3.615611	41.141999
1502.790		

COMB ULB15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.480720	-209.970496
-5.844973	-3.615611	38.922637
1428.274		
0.25000	-11.480720	-179.501746
-5.141848	-3.615611	39.609314
1452.616		
0.50000	-11.480720	-149.032996
-4.438723	-3.615611	40.208099
1473.149		
0.75000	-11.480720	-118.564246
-3.735598	-3.615611	40.718995
1489.874		
1.00000	-11.480720	-88.095496
-3.032473	-3.615611	41.141999
1502.790		

COMB ULB16 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-167.976397
2.03E-14	1.34E-17	-1.37E-13

1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 309

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
2.65E-14 1.75E-17 -1.78E-13
1485.321
0.25000 -11.939911 -186.787848
2.26E-14 1.75E-17 -1.81E-13
1510.650
0.50000 -11.939911 -155.100348
1.88E-14 1.75E-17 -1.83E-13
1532.018
0.75000 -11.939911 -123.412848
1.49E-14 1.75E-17 -1.85E-13
1549.425
1.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
2.65E-14 1.75E-17 -1.78E-13
1485.321
0.25000 -11.939911 -186.787848
2.26E-14 1.75E-17 -1.81E-13
1510.650
0.50000 -11.939911 -155.100348
1.88E-14 1.75E-17 -1.83E-13
1532.018
0.75000 -11.939911 -123.412848
1.49E-14 1.75E-17 -1.85E-13
1549.425
1.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 -201.571676
-11.222349 -6.941973 74.731464
1371.143
0.25000 -11.021491 -172.321676
-9.872349 -6.941973 76.049882
1394.511
0.50000 -11.021491 -143.071676
-8.522349 -6.941973 77.199551
1414.223
0.75000 -11.021491 -113.821676
-7.172349 -6.941973 78.180470
1430.279
1.00000 -11.021491 -84.571676
-5.822349 -6.941973 78.992638
1442.679

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 -201.571676
-11.222349 -6.941973 74.731464
1371.143
0.25000 -11.021491 -172.321676
-9.872349 -6.941973 76.049882
1394.511
0.50000 -11.021491 -143.071676
-8.522349 -6.941973 77.199551
1414.223
0.75000 -11.021491 -113.821676
-7.172349 -6.941973 78.180470
1430.279
1.00000 -11.021491 -84.571676
-5.822349 -6.941973 78.992638
1442.679

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -168.151757
2.04E-14 1.35E-17 -1.37E-13
1142.481
0.25000 -9.184513 -143.776757
1.74E-14 1.35E-17 -1.39E-13
1161.976
0.50000 -9.184513 -119.401757
1.45E-14 1.35E-17 -1.41E-13
1178.425
0.75000 -9.184513 -95.026757
1.15E-14 1.35E-17 -1.43E-13
1191.827
1.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -168.151757
2.04E-14 1.35E-17 -1.37E-13
1142.481
0.25000 -9.184513 -143.776757
1.74E-14 1.35E-17 -1.39E-13
1161.976
0.50000 -9.184513 -119.401757
1.45E-14 1.35E-17 -1.41E-13
1178.425
0.75000 -9.184513 -95.026757
1.15E-14 1.35E-17 -1.43E-13
1191.827
1.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 310

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-12.157545 -7.520471 80.959086
1142.619
0.25000 -9.184576 -143.601397
-10.695045 -7.520471 82.387372
1162.093
0.50000 -9.184576 -119.226397
-9.232545 -7.520471 83.632847
1178.520
0.75000 -9.184576 -94.851397
-7.770045 -7.520471 84.695509
1191.899
1.00000 -9.184576 -70.476397
-6.307545 -7.520471 85.575358
1202.232

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-12.157545 -7.520471 80.959086
1142.619
0.25000 -9.184576 -143.601397
-10.695045 -7.520471 82.387372
1162.093
0.50000 -9.184576 -119.226397
-9.232545 -7.520471 83.632847
1178.520
0.75000 -9.184576 -94.851397
-7.770045 -7.520471 84.695509
1191.899
1.00000 -9.184576 -70.476397
-6.307545 -7.520471 85.575358
1202.232

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
-6.078772 -3.760236 40.479543
1142.536
0.25000 -9.184538 -143.707429
-5.347522 -3.760236 41.193686
1162.022
0.50000 -9.184538 -119.332429
-4.616272 -3.760236 41.816423
1178.462
0.75000 -9.184538 -94.957429
-3.885022 -3.760236 42.347754
1191.855
1.00000 -9.184538 -70.582429
-3.153772 -3.760236 42.787679
1202.202

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
-6.078772 -3.760236 40.479543
1142.536
0.25000 -9.184538 -143.707429
-5.347522 -3.760236 41.193686
1162.022
0.50000 -9.184538 -119.332429
-4.616272 -3.760236 41.816423
1178.462
0.75000 -9.184538 -94.957429
-3.885022 -3.760236 42.347754
1191.855
1.00000 -9.184538 -70.582429
-3.153772 -3.760236 42.787679
1202.202

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 311

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-6.078772 -3.760236 40.479543
1142.619
0.25000 -9.184576 -143.601397
-5.347522 -3.760236 41.193686
1162.093
0.50000 -9.184576 -119.226397
-4.616272 -3.760236 41.816423
1178.520
0.75000 -9.184576 -94.851397
-3.885022 -3.760236 42.347754
1191.899
1.00000 -9.184576 -70.476397
-3.153772 -3.760236 42.787679
1202.232

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
-6.078772 -3.760236 40.479543
1142.619
0.25000 -9.184576 -143.601397
-5.347522 -3.760236 41.193686
1162.093
0.50000 -9.184576 -119.226397
-4.616272 -3.760236 41.816423
1178.520
0.75000 -9.184576 -94.851397
-3.885022 -3.760236 42.347754
1191.899
1.00000 -9.184576 -70.476397
-3.153772 -3.760236 42.787679
1202.232

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
1.33E-08 9.57E-09 1.45E-08
1142.536
0.25000 -9.184538 -143.707429
1.33E-08 9.57E-09 1.29E-08
1162.022
0.50000 -9.184538 -119.332429
1.33E-08 9.57E-09 1.12E-08
1178.462
0.75000 -9.184538 -94.957429
1.33E-08 9.57E-09 9.53E-09
1191.855
1.00000 -9.184538 -70.582429
1.33E-08 9.57E-09 7.87E-09
1202.202

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
1.33E-08 9.57E-09 1.45E-08
1142.536
0.25000 -9.184538 -143.707429
1.33E-08 9.57E-09 1.29E-08
1162.022
0.50000 -9.184538 -119.332429
1.33E-08 9.57E-09 1.12E-08
1178.462
0.75000 -9.184538 -94.957429
1.33E-08 9.57E-09 9.53E-09
1191.855
1.00000 -9.184538 -70.582429
1.33E-08 9.57E-09 7.87E-09
1202.202

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536
0.25000 -9.184538 -143.707429
1.74E-14 1.35E-17 -1.39E-13
1162.022
0.50000 -9.184538 -119.332429
1.45E-14 1.35E-17 -1.41E-13
1178.462
0.75000 -9.184538 -94.957429
1.15E-14 1.35E-17 -1.43E-13
1191.855
1.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536
0.25000 -9.184538 -143.707429

1.74E-14 1.35E-17 -1.39E-13
1162.022
0.50000 -9.184538 -119.332429
1.45E-14 1.35E-17 -1.41E-13
1178.462
0.75000 -9.184538 -94.957429
1.15E-14 1.35E-17 -1.43E-13
1191.855
1.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
1.33E-08 9.57E-09 1.45E-08
1142.619
0.25000 -9.184576 -143.601397
1.33E-08 9.57E-09 1.29E-08
1162.093
0.50000 -9.184576 -119.226397
1.33E-08 9.57E-09 1.12E-08
1178.520
0.75000 -9.184576 -94.851397
1.33E-08 9.57E-09 9.53E-09
1191.899
1.00000 -9.184576 -70.476397
1.33E-08 9.57E-09 7.87E-09
1202.232

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
1.33E-08 9.57E-09 1.45E-08
1142.619
0.25000 -9.184576 -143.601397
1.33E-08 9.57E-09 1.29E-08
1162.093
0.50000 -9.184576 -119.226397
1.33E-08 9.57E-09 1.12E-08
1178.520
0.75000 -9.184576 -94.851397
1.33E-08 9.57E-09 9.53E-09
1191.899
1.00000 -9.184576 -70.476397
1.33E-08 9.57E-09 7.87E-09
1202.232

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-11.689947 -7.231222 77.845275
1085.488
0.25000 -8.725347 -136.421327
-10.283697 -7.231222 79.218627
1103.988
0.50000 -8.725347 -113.265077
-8.877447 -7.231222 80.416199
1119.594
0.75000 -8.725347 -90.108827
-7.471197 -7.231222 81.437989
1132.304
1.00000 -8.725347 -66.952577
-6.064947 -7.231222 82.283998
1142.121

COMB UEB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-11.689947 -7.231222 77.845275
1085.488
0.25000 -8.725347 -136.421327
-10.283697 -7.231222 79.218627
1103.988
0.50000 -8.725347 -113.265077
-8.877447 -7.231222 80.416199
1119.594
0.75000 -8.725347 -90.108827
-7.471197 -7.231222 81.437989
1132.304
1.00000 -8.725347 -66.952577
-6.064947 -7.231222 82.283998
1142.121

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 UEB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-11.689947 -7.231222 77.845275
1085.488
0.25000 -8.725347 -136.421327
-10.283697 -7.231222 79.218627
1103.988
0.50000 -8.725347 -113.265077
-8.877447 -7.231222 80.416199
1119.594
0.75000 -8.725347 -90.108827
-7.471197 -7.231222 81.437989
1132.304
1.00000 -8.725347 -66.952577
-6.064947 -7.231222 82.283998
1142.121

COMB UEB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-11.689947 -7.231222 77.845275
1085.488
0.25000 -8.725347 -136.421327
-10.283697 -7.231222 79.218627
1103.988
0.50000 -8.725347 -113.265077
-8.877447 -7.231222 80.416199
1119.594
0.75000 -8.725347 -90.108827
-7.471197 -7.231222 81.437989
1132.304
1.00000 -8.725347 -66.952577
-6.064947 -7.231222 82.283998
1142.121

COMB UEB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -159.679531
-5.844973 -3.615611 38.922637
1085.408
0.25000 -8.725310 -136.523281
-5.141848 -3.615611 39.609314
1103.920
0.50000 -8.725310 -113.367031
-4.438723 -3.615611 40.208099
1119.539
0.75000 -8.725310 -90.210781
-3.735598 -3.615611 40.718995
1132.262
1.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091

COMB UEB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -159.679531
-5.844973 -3.615611 38.922637
1085.408
0.25000 -8.725310 -136.523281
-5.141848 -3.615611 39.609314
1103.920
0.50000 -8.725310 -113.367031
-4.438723 -3.615611 40.208099
1119.539
0.75000 -8.725310 -90.210781
-3.735598 -3.615611 40.718995
1132.262
1.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091

COMB UEB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -159.679531
-5.844973 -3.615611 38.922637
1085.408
0.25000 -8.725310 -136.523281
-5.141848 -3.615611 39.609314
1103.920
0.50000 -8.725310 -113.367031
-4.438723 -3.615611 40.208099
1119.539
0.75000 -8.725310 -90.210781
-3.735598 -3.615611 40.718995
1132.262
1.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091

COMB UEB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -159.679531
-5.844973 -3.615611 38.922637
1085.408
0.25000 -8.725310 -136.523281
-5.141848 -3.615611 39.609314
1103.920
0.50000 -8.725310 -113.367031
-4.438723 -3.615611 40.208099
1119.539
0.75000 -8.725310 -90.210781
-3.735598 -3.615611 40.718995
1132.262
1.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091

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 UEB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488
0.25000 -8.725347 -136.421327
-5.141848 -3.615611 39.609314
1103.988
0.50000 -8.725347 -113.265077
-4.438723 -3.615611 40.208099
1119.594
0.75000 -8.725347 -90.108827
-3.735598 -3.615611 40.718995
1132.304
1.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121

COMB UEB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488
0.25000 -8.725347 -136.421327
-5.141848 -3.615611 39.609314
1103.988
0.50000 -8.725347 -113.265077
-4.438723 -3.615611 40.208099
1119.594
0.75000 -8.725347 -90.108827
-3.735598 -3.615611 40.718995
1132.304
1.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121

COMB UEB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488
0.25000 -8.725347 -136.421327
-5.141848 -3.615611 39.609314
1103.988
0.50000 -8.725347 -113.265077
-4.438723 -3.615611 40.208099
1119.594
0.75000 -8.725347 -90.108827
-3.735598 -3.615611 40.718995
1132.304
1.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121

COMB UEB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -159.577577
-5.844973 -3.615611 38.922637
1085.488
0.25000 -8.725347 -136.421327
-5.141848 -3.615611 39.609314
1103.988
0.50000 -8.725347 -113.265077
-4.438723 -3.615611 40.208099
1119.594
0.75000 -8.725347 -90.108827
-3.735598 -3.615611 40.718995
1132.304
1.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121

COMB UEB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

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 UEB17 ----------
MAX

```
 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184538       -168.082429
2.04E-14        1.35E-17        -1.37E-13
1142.536
 0.25000        -9.184538       -143.707429
1.74E-14        1.35E-17        -1.39E-13
1162.022
 0.50000        -9.184538       -119.332429
1.45E-14        1.35E-17        -1.41E-13
1178.462
 0.75000        -9.184538       -94.957429
1.15E-14        1.35E-17        -1.43E-13
1191.855
 1.00000        -9.184538       -70.582429
8.55E-15        1.35E-17        -1.44E-13
1202.202

 COMB       UEB17 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184538       -168.082429
2.04E-14        1.35E-17        -1.37E-13
1142.536
 0.25000        -9.184538       -143.707429
1.74E-14        1.35E-17        -1.39E-13
1162.022
 0.50000        -9.184538       -119.332429
1.45E-14        1.35E-17        -1.41E-13
1178.462
 0.75000        -9.184538       -94.957429
1.15E-14        1.35E-17        -1.43E-13
1191.855
 1.00000        -9.184538       -70.582429
8.55E-15        1.35E-17        -1.44E-13
1202.202

 COMB       UEB18 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -8.266119       -151.178757
-11.222349      -6.941973       74.731464
1028.357
 0.25000        -8.266119       -129.241257
-9.872349       -6.941973       76.049882
1045.883
 0.50000        -8.266119       -107.303757
-8.522349       -6.941973       77.199551
1060.668
 0.75000        -8.266119       -85.366257
-7.172349       -6.941973       78.180470
1072.709
 1.00000        -8.266119       -63.428757
-5.822349       -6.941973       78.992638
1082.009

 COMB       UEB18 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -8.266119       -151.178757
-11.222349      -6.941973       74.731464
1028.357
 0.25000        -8.266119       -129.241257
-9.872349       -6.941973       76.049882
1045.883
 0.50000        -8.266119       -107.303757
-8.522349       -6.941973       77.199551
1060.668
 0.75000        -8.266119       -85.366257
-7.172349       -6.941973       78.180470
1072.709
 1.00000        -8.266119       -63.428757
-5.822349       -6.941973       78.992638
1082.009

 COMB       SVO01 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184547       -168.057960
2.04E-14        1.35E-17        -1.37E-13
1142.555
 0.25000        -9.184547       -143.682960
1.74E-14        1.35E-17        -1.39E-13
1162.039
 0.50000        -9.184547       -119.307960
1.44E-14        1.35E-17        -1.41E-13
1178.476
 0.75000        -9.184547       -94.932960
1.15E-14        1.35E-17        -1.43E-13
1191.866
 1.00000        -9.184547       -70.557960
8.54E-15        1.35E-17        -1.44E-13
1202.209

 COMB       SVO01 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184547       -168.057960
2.04E-14        1.35E-17        -1.37E-13
1142.555
 0.25000        -9.184547       -143.682960
1.74E-14        1.35E-17        -1.39E-13
1162.039
 0.50000        -9.184547       -119.307960
1.44E-14        1.35E-17        -1.41E-13
1178.476
 0.75000        -9.184547       -94.932960
1.15E-14        1.35E-17        -1.43E-13
1191.866
 1.00000        -9.184547       -70.557960
8.54E-15        1.35E-17        -1.44E-13
1202.209
 Program SAP2000 Nonlinear Version 7.42
                        File:청도2교_P6_본체.OUT

                                        Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                 316

 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       SVO02 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184576       -167.976397
2.03E-14        1.34E-17        -1.37E-13
1142.619
 0.25000        -9.184576       -143.601397
1.74E-14        1.34E-17        -1.39E-13
1162.093
 0.50000        -9.184576       -119.226397
1.44E-14        1.34E-17        -1.41E-13
1178.520
 0.75000        -9.184576       -94.851397
1.15E-14        1.34E-17        -1.43E-13
1191.899
 1.00000        -9.184576       -70.476397
8.53E-15        1.34E-17        -1.44E-13
1202.232

 COMB       SVO02 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184576       -167.976397
2.03E-14        1.34E-17        -1.37E-13
1142.619
 0.25000        -9.184576       -143.601397
1.74E-14        1.34E-17        -1.39E-13
1162.093
 0.50000        -9.184576       -119.226397
1.44E-14        1.34E-17        -1.41E-13
1178.520
 0.75000        -9.184576       -94.851397
1.15E-14        1.34E-17        -1.43E-13
1191.899
 1.00000        -9.184576       -70.476397
8.53E-15        1.34E-17        -1.44E-13
1202.232

 COMB       SVO03 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -61.809411      2675.902
-3.24E-13       -2.06E-15       -3.70E-13
3066.357
 0.25000        -61.809411      2700.277
-3.27E-13       -2.06E-15       -3.30E-13
2730.345
 0.50000        -61.809411      2724.652
-3.30E-13       -2.06E-15       -2.89E-13
2391.287
 0.75000        -61.809411      2749.027
-3.33E-13       -2.06E-15       -2.47E-13
2049.183
 1.00000        -61.809411      2773.402
-3.36E-13       -2.06E-15       -2.05E-13
1704.031

 COMB       SVO03 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -61.809411      2675.902
-3.24E-13       -2.06E-15       -3.70E-13
3066.357
 0.25000        -61.809411      2700.277
-3.27E-13       -2.06E-15       -3.30E-13
2730.345
 0.50000        -61.809411      2724.652
-3.30E-13       -2.06E-15       -2.89E-13
2391.287
 0.75000        -61.809411      2749.027
-3.33E-13       -2.06E-15       -2.47E-13
2049.183
 1.00000        -61.809411      2773.402
-3.36E-13       -2.06E-15       -2.05E-13
1704.031

 COMB       SVO04 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -35.602669      1546.172
-1.87E-13       -1.23E-15       -2.81E-13
2335.003
 0.25000        -35.602669      1570.547
-1.90E-13       -1.23E-15       -2.58E-13
2140.208
 0.50000        -35.602669      1594.922
-1.93E-13       -1.23E-15       -2.34E-13
1942.367
 0.75000        -35.602669      1619.297
-1.96E-13       -1.23E-15       -2.09E-13
1741.478
 1.00000        -35.602669      1643.672
-1.99E-13       -1.23E-15       -1.85E-13
1537.542

 COMB       SVO04 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -35.602669      1546.172
-1.87E-13       -1.23E-15       -2.81E-13
2335.003
 0.25000        -35.602669      1570.547
-1.90E-13       -1.23E-15       -2.58E-13
2140.208
 0.50000        -35.602669      1594.922
-1.93E-13       -1.23E-15       -2.34E-13
1942.367
 0.75000        -35.602669      1619.297
-1.96E-13       -1.23E-15       -2.09E-13
1741.478
 1.00000        -35.602669      1643.672
-1.99E-13       -1.23E-15       -1.85E-13
1537.542
 Program SAP2000 Nonlinear Version 7.42
                        File:청도2교_P6_본체.OUT

                                        Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                 317

 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       SVO05 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -35.602698      1546.253
-1.87E-13       -1.23E-15       -2.81E-13
2335.068
 0.25000        -35.602698      1570.628
-1.90E-13       -1.23E-15       -2.58E-13
2140.263
 0.50000        -35.602698      1595.003
-1.93E-13       -1.23E-15       -2.34E-13
1942.411
 0.75000        -35.602698      1619.378
-1.96E-13       -1.23E-15       -2.09E-13
1741.512
 1.00000        -35.602698      1643.753
-1.99E-13       -1.23E-15       -1.85E-13
1537.566

 COMB       SVO05 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -35.602698      1546.253
-1.87E-13       -1.23E-15       -2.81E-13
2335.068
 0.25000        -35.602698      1570.628
-1.90E-13       -1.23E-15       -2.58E-13
2140.263
 0.50000        -35.602698      1595.003
-1.93E-13       -1.23E-15       -2.34E-13
1942.411
 0.75000        -35.602698      1619.378
-1.96E-13       -1.23E-15       -2.09E-13
1741.512
 1.00000        -35.602698      1643.753
-1.99E-13       -1.23E-15       -1.85E-13
1537.566

 COMB       SVO06 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -24.526357      -168.002866
2.03E-14        1.14E-17        -9.27E-14
774.133293
 0.25000        -24.526357      -143.627866
1.74E-14        1.14E-17        -9.50E-14
793.610214
 0.50000        -24.526357      -119.252866
1.44E-14        1.14E-17        -9.70E-14
810.040259
 0.75000        -24.526357      -94.877866
1.15E-14        1.14E-17        -9.86E-14
823.423430
 1.00000        -24.526357      -70.502866
8.54E-15        1.14E-17        -9.99E-14
833.759726

 COMB       SVO06 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -24.526357      -168.002866
2.03E-14        1.14E-17        -9.27E-14
774.133293
 0.25000        -24.526357      -143.627866
1.74E-14        1.14E-17        -9.50E-14
793.610214
 0.50000        -24.526357      -119.252866
1.44E-14        1.14E-17        -9.70E-14
810.040259
 0.75000        -24.526357      -94.877866
1.15E-14        1.14E-17        -9.86E-14
823.423430
 1.00000        -24.526357      -70.502866
8.54E-15        1.14E-17        -9.99E-14
833.759726

 COMB       SVO07 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184547       -168.057960
2.04E-14        1.35E-17        -1.37E-13
1142.555
 0.25000        -9.184547       -143.682960
1.74E-14        1.35E-17        -1.39E-13
1162.039
 0.50000        -9.184547       -119.307960
1.44E-14        1.35E-17        -1.41E-13
1178.476
 0.75000        -9.184547       -94.932960
1.15E-14        1.35E-17        -1.43E-13
1191.866
 1.00000        -9.184547       -70.557960
8.54E-15        1.35E-17        -1.44E-13
1202.209

 COMB       SVO07 --------------------
MIN

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -9.184547       -168.057960
2.04E-14        1.35E-17        -1.37E-13
1142.555
 0.25000        -9.184547       -143.682960
1.74E-14        1.35E-17        -1.39E-13
1162.039
 0.50000        -9.184547       -119.307960
1.44E-14        1.35E-17        -1.41E-13
1178.476
 0.75000        -9.184547       -94.932960
1.15E-14        1.35E-17        -1.43E-13
1191.866
 1.00000        -9.184547       -70.557960
8.54E-15        1.35E-17        -1.44E-13
1202.209
 Program SAP2000 Nonlinear Version 7.42
                        File:청도2교_P6_본체.OUT

                                        Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                 318

 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       SVO08 --------------------
MAX

 REL DIST                P               V2
V3              T           M2              M3
 0.00000        -24.526387      -167.921303
2.03E-14        1.13E-17        -9.27E-14
774.197636
 0.25000        -24.526387      -143.546303
1.74E-14        1.13E-17        -9.50E-14
793.664361
 0.50000        -24.526387      -119.171303
1.44E-14        1.13E-17        -9.70E-14
810.084211
 0.75000        -24.526387      -94.796303
1.15E-14        1.13E-17        -9.86E-14
823.457187
 1.00000        -24.526387      -70.421303
8.53E-15        1.13E-17        -9.99E-14
833.783287

 COMB       SVO08 --------------------
MIN

 REL DIST                P               V2
```

V3	T	M2	M3
0.00000	-24.526387	-167.921303	
2.03E-14	1.13E-17	-9.27E-14	
774.197636			
0.25000	-24.526387	-143.546303	
1.74E-14	1.13E-17	-9.50E-14	
793.664361			
0.50000	-24.526387	-119.171303	
1.44E-14	1.13E-17	-9.70E-14	
810.084211			
0.75000	-24.526387	-94.796303	
1.15E-14	1.13E-17	-9.86E-14	
823.457187			
1.00000	-24.526387	-70.421303	
8.53E-15	1.13E-17	-9.99E-14	
833.783287			

COMB SVO09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			
0.25000	-9.184576	-143.601397	
1.74E-14	1.34E-17	-1.39E-13	
1162.093			
0.50000	-9.184576	-119.226397	
1.44E-14	1.34E-17	-1.41E-13	
1178.520			
0.75000	-9.184576	-94.851397	
1.15E-14	1.34E-17	-1.43E-13	
1191.899			
1.00000	-9.184576	-70.476397	
8.53E-15	1.34E-17	-1.44E-13	
1202.232			

COMB SVO09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	-167.976397	
2.03E-14	1.34E-17	-1.37E-13	
1142.619			
0.25000	-9.184576	-143.601397	
1.74E-14	1.34E-17	-1.39E-13	
1162.093			
0.50000	-9.184576	-119.226397	
1.44E-14	1.34E-17	-1.41E-13	
1178.520			
0.75000	-9.184576	-94.851397	
1.15E-14	1.34E-17	-1.43E-13	
1191.899			
1.00000	-9.184576	-70.476397	
8.53E-15	1.34E-17	-1.44E-13	
1202.232			

COMB SVO10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.151222	2675.957	
-3.24E-13	-2.06E-15	-3.26E-13	
2697.935			
0.25000	-77.151222	2700.332	
-3.27E-13	-2.06E-15	-2.86E-13	
2361.917			
0.50000	-77.151222	2724.707	
-3.30E-13	-2.06E-15	-2.45E-13	
2022.852			
0.75000	-77.151222	2749.082	
-3.33E-13	-2.06E-15	-2.03E-13	
1680.740			
1.00000	-77.151222	2773.457	
-3.36E-13	-2.06E-15	-1.61E-13	
1335.582			

COMB SVO10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.151222	2675.957	
-3.24E-13	-2.06E-15	-3.26E-13	
2697.935			
0.25000	-77.151222	2700.332	
-3.27E-13	-2.06E-15	-2.86E-13	
2361.917			
0.50000	-77.151222	2724.707	
-3.30E-13	-2.06E-15	-2.45E-13	
2022.852			
0.75000	-77.151222	2749.082	
-3.33E-13	-2.06E-15	-2.03E-13	
1680.740			
1.00000	-77.151222	2773.457	
-3.36E-13	-2.06E-15	-1.61E-13	
1335.582			

COMB SVO11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-61.809411	2675.902	
-3.24E-13	-2.06E-15	-3.70E-13	
3066.357			
0.25000	-61.809411	2700.277	
-3.27E-13	-2.06E-15	-3.30E-13	
2730.345			
0.50000	-61.809411	2724.652	
-3.30E-13	-2.06E-15	-2.89E-13	
2391.287			
0.75000	-61.809411	2749.027	
-3.33E-13	-2.06E-15	-2.47E-13	
2049.183			
1.00000	-61.809411	2773.402	
-3.36E-13	-2.06E-15	-2.05E-13	
1704.031			

COMB SVO11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-61.809411	2675.902	
-3.24E-13	-2.06E-15	-3.70E-13	
3066.357			
0.25000	-61.809411	2700.277	
-3.27E-13	-2.06E-15	-3.30E-13	
2730.345			
0.50000	-61.809411	2724.652	
-3.30E-13	-2.06E-15	-2.89E-13	
2391.287			
0.75000	-61.809411	2749.027	
-3.33E-13	-2.06E-15	-2.47E-13	
2049.183			
1.00000	-61.809411	2773.402	
-3.36E-13	-2.06E-15	-2.05E-13	
1704.031			

COMB SVO12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944479	1546.227	
-1.87E-13	-1.24E-15	-2.37E-13	
1966.582			
0.25000	-50.944479	1570.602	
-1.90E-13	-1.24E-15	-2.14E-13	
1771.780			
0.50000	-50.944479	1594.977	
-1.93E-13	-1.24E-15	-1.90E-13	
1573.931			
0.75000	-50.944479	1619.352	
-1.96E-13	-1.24E-15	-1.66E-13	
1373.036			
1.00000	-50.944479	1643.727	
-1.99E-13	-1.24E-15	-1.41E-13	
1169.093			

COMB SVO12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944479	1546.227	
-1.87E-13	-1.24E-15	-2.37E-13	
1966.582			
0.25000	-50.944479	1570.602	
-1.90E-13	-1.24E-15	-2.14E-13	
1771.780			
0.50000	-50.944479	1594.977	
-1.93E-13	-1.24E-15	-1.90E-13	
1573.931			
0.75000	-50.944479	1619.352	
-1.96E-13	-1.24E-15	-1.66E-13	
1373.036			
1.00000	-50.944479	1643.727	
-1.99E-13	-1.24E-15	-1.41E-13	
1169.093			

COMB SVO13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602669	1546.172	
-1.87E-13	-1.23E-15	-2.81E-13	
2335.003			
0.25000	-35.602669	1570.547	
-1.90E-13	-1.23E-15	-2.58E-13	
2140.208			
0.50000	-35.602669	1594.922	
-1.93E-13	-1.23E-15	-2.34E-13	
1942.367			
0.75000	-35.602669	1619.297	
-1.96E-13	-1.23E-15	-2.09E-13	
1741.478			
1.00000	-35.602669	1643.672	
-1.99E-13	-1.23E-15	-1.85E-13	
1537.542			

COMB SVO13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602669	1546.172	
-1.87E-13	-1.23E-15	-2.81E-13	
2335.003			
0.25000	-35.602669	1570.547	
-1.90E-13	-1.23E-15	-2.58E-13	
2140.208			
0.50000	-35.602669	1594.922	
-1.93E-13	-1.23E-15	-2.34E-13	
1942.367			
0.75000	-35.602669	1619.297	
-1.96E-13	-1.23E-15	-2.09E-13	
1741.478			
1.00000	-35.602669	1643.672	
-1.99E-13	-1.23E-15	-1.85E-13	
1537.542			

COMB SVO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944509	1546.308	
-1.87E-13	-1.24E-15	-2.37E-13	
1966.646			
0.25000	-50.944509	1570.683	
-1.90E-13	-1.24E-15	-2.14E-13	
1771.834			
0.50000	-50.944509	1595.058	
-1.93E-13	-1.24E-15	-1.90E-13	
1573.975			
0.75000	-50.944509	1619.433	
-1.96E-13	-1.24E-15	-1.66E-13	
1373.070			
1.00000	-50.944509	1643.808	
-1.99E-13	-1.24E-15	-1.41E-13	
1169.117			

COMB SVO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944509	1546.308	
-1.87E-13	-1.24E-15	-2.37E-13	
1966.646			
0.25000	-50.944509	1570.683	
-1.90E-13	-1.24E-15	-2.14E-13	
1771.834			
0.50000	-50.944509	1595.058	
-1.93E-13	-1.24E-15	-1.90E-13	
1573.975			
0.75000	-50.944509	1619.433	
-1.96E-13	-1.24E-15	-1.66E-13	
1373.070			
1.00000	-50.944509	1643.808	
-1.99E-13	-1.24E-15	-1.41E-13	
1169.117			

COMB SVO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602698	1546.253	
-1.87E-13	-1.23E-15	-2.81E-13	
2335.068			
0.25000	-35.602698	1570.628	
-1.90E-13	-1.23E-15	-2.58E-13	
2140.263			
0.50000	-35.602698	1595.003	
-1.93E-13	-1.23E-15	-2.34E-13	
1942.411			
0.75000	-35.602698	1619.378	
-1.96E-13	-1.23E-15	-2.09E-13	
1741.512			
1.00000	-35.602698	1643.753	
-1.99E-13	-1.23E-15	-1.85E-13	
1537.566			

COMB SVO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602698	1546.253	
-1.87E-13	-1.23E-15	-2.81E-13	
2335.068			
0.25000	-35.602698	1570.628	
-1.90E-13	-1.23E-15	-2.58E-13	
2140.263			
0.50000	-35.602698	1595.003	
-1.93E-13	-1.23E-15	-2.34E-13	
1942.411			
0.75000	-35.602698	1619.378	
-1.96E-13	-1.23E-15	-2.09E-13	
1741.512			
1.00000	-35.602698	1643.753	
-1.99E-13	-1.23E-15	-1.85E-13	
1537.566			

COMB ULO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	-218.544676	
2.65E-14	1.76E-17	-1.78E-13	
1485.267			
0.25000	-11.939886	-186.857176	
2.26E-14	1.76E-17	-1.81E-13	
1510.604			
0.50000	-11.939886	-155.169676	
1.88E-14	1.76E-17	-1.83E-13	
1531.981			
0.75000	-11.939886	-123.482176	
1.50E-14	1.76E-17	-1.85E-13	
1549.397			
1.00000	-11.939886	-91.794676	
1.11E-14	1.76E-17	-1.87E-13	
1562.851			

COMB ULO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	-218.544676	
2.65E-14	1.76E-17	-1.78E-13	
1485.267			
0.25000	-11.939886	-186.857176	
2.26E-14	1.76E-17	-1.81E-13	
1510.604			
0.50000	-11.939886	-155.169676	
1.88E-14	1.76E-17	-1.83E-13	
1531.981			
0.75000	-11.939886	-123.482176	
1.50E-14	1.76E-17	-1.85E-13	
1549.397			
1.00000	-11.939886	-91.794676	
1.11E-14	1.76E-17	-1.87E-13	
1562.851			

COMB ULO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	-218.369316	
2.64E-14	1.74E-17	-1.78E-13	
1485.405			
0.25000	-11.939949	-186.681816	
2.26E-14	1.74E-17	-1.81E-13	
1510.721			
0.50000	-11.939949	-154.994316	
1.88E-14	1.74E-17	-1.83E-13	
1532.075			
0.75000	-11.939949	-123.306816	
1.49E-14	1.74E-17	-1.85E-13	
1549.469			
1.00000	-11.939949	-91.619316	
1.11E-14	1.74E-17	-1.87E-13	
1562.902			

COMB ULO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	-218.369316	
2.64E-14	1.74E-17	-1.78E-13	
1485.405			
0.25000	-11.939949	-186.681816	
2.26E-14	1.74E-17	-1.81E-13	
1510.721			
0.50000	-11.939949	-154.994316	
1.88E-14	1.74E-17	-1.83E-13	
1532.075			
0.75000	-11.939949	-123.306816	
1.49E-14	1.74E-17	-1.85E-13	
1549.469			
1.00000	-11.939949	-91.619316	
1.11E-14	1.74E-17	-1.87E-13	
1562.902			

COMB ULO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-80.352235	3478.672	

-4.21E-13 -2.67E-15 -4.81E-13
3986.264
0.25000 -80.352235 3510.360
-4.25E-13 -2.67E-15 -4.28E-13
3549.449
0.50000 -80.352235 3542.047
-4.29E-13 -2.67E-15 -3.75E-13
3108.674
0.75000 -80.352235 3573.735
-4.33E-13 -2.67E-15 -3.21E-13
2663.937
1.00000 -80.352235 3605.422
-4.37E-13 -2.67E-15 -2.67E-13
2215.240

COMB ULO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -80.352235 3478.672
-4.21E-13 -2.67E-15 -4.81E-13
3986.264
0.25000 -80.352235 3510.360
-4.25E-13 -2.67E-15 -4.28E-13
3549.449
0.50000 -80.352235 3542.047
-4.29E-13 -2.67E-15 -3.75E-13
3108.674
0.75000 -80.352235 3573.735
-4.33E-13 -2.67E-15 -3.21E-13
2663.937
1.00000 -80.352235 3605.422
-4.37E-13 -2.67E-15 -2.67E-13
2215.240

COMB ULO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -46.283469 2010.023
-2.43E-13 -1.60E-15 -3.66E-13
3035.504
0.25000 -46.283469 2041.711
-2.47E-13 -1.60E-15 -3.35E-13
2782.271
0.50000 -46.283469 2073.398
-2.51E-13 -1.60E-15 -3.04E-13
2525.077
0.75000 -46.283469 2105.086
-2.55E-13 -1.60E-15 -2.72E-13
2263.921
1.00000 -46.283469 2136.773
-2.59E-13 -1.60E-15 -2.40E-13
1998.805

COMB ULO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -46.283469 2010.023
-2.43E-13 -1.60E-15 -3.66E-13
3035.504
0.25000 -46.283469 2041.711
-2.47E-13 -1.60E-15 -3.35E-13
2782.271
0.50000 -46.283469 2073.398
-2.51E-13 -1.60E-15 -3.04E-13
2525.077
0.75000 -46.283469 2105.086
-2.55E-13 -1.60E-15 -2.72E-13
2263.921
1.00000 -46.283469 2136.773
-2.59E-13 -1.60E-15 -2.40E-13
1998.805

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 322

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 ULO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -46.283508 2010.129
-2.43E-13 -1.60E-15 -3.66E-13
3035.588
0.25000 -46.283508 2041.817
-2.47E-13 -1.60E-15 -3.35E-13
2782.341
0.50000 -46.283508 2073.504
-2.51E-13 -1.60E-15 -3.04E-13
2525.134
0.75000 -46.283508 2105.192
-2.55E-13 -1.60E-15 -2.72E-13
2263.965
1.00000 -46.283508 2136.879
-2.59E-13 -1.60E-15 -2.40E-13
1998.836

COMB ULO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -46.283508 2010.129
-2.43E-13 -1.60E-15 -3.66E-13
3035.588
0.25000 -46.283508 2041.817
-2.47E-13 -1.60E-15 -3.35E-13
2782.341
0.50000 -46.283508 2073.504
-2.51E-13 -1.60E-15 -3.04E-13
2525.134
0.75000 -46.283508 2105.192
-2.55E-13 -1.60E-15 -2.72E-13
2263.965
1.00000 -46.283508 2136.879
-2.59E-13 -1.60E-15 -2.40E-13
1998.836

COMB ULO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 -218.403726
2.64E-14 1.48E-17 -1.20E-13
1006.373
0.25000 -31.884265 -186.716226
2.26E-14 1.48E-17 -1.24E-13
1031.693
0.50000 -31.884265 -155.028726
1.88E-14 1.48E-17 -1.26E-13
1053.052
0.75000 -31.884265 -123.341226
1.49E-14 1.48E-17 -1.28E-13
1070.450
1.00000 -31.884265 -91.653726
1.11E-14 1.48E-17 -1.30E-13
1083.888

COMB ULO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 -218.403726
2.64E-14 1.48E-17 -1.20E-13
1006.373
0.25000 -31.884265 -186.716226
2.26E-14 1.48E-17 -1.24E-13
1031.693
0.50000 -31.884265 -155.028726
1.88E-14 1.48E-17 -1.26E-13
1053.052
0.75000 -31.884265 -123.341226
1.49E-14 1.48E-17 -1.28E-13
1070.450
1.00000 -31.884265 -91.653726
1.11E-14 1.48E-17 -1.30E-13
1083.888

COMB ULO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
2.65E-14 1.75E-17 -1.78E-13
1485.321
0.25000 -11.939911 -186.787848
2.26E-14 1.75E-17 -1.81E-13
1510.650
0.50000 -11.939911 -155.100348
1.88E-14 1.75E-17 -1.83E-13
1532.018
0.75000 -11.939911 -123.412848
1.49E-14 1.75E-17 -1.85E-13
1549.425
1.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871

COMB ULO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
2.65E-14 1.75E-17 -1.78E-13
1485.321
0.25000 -11.939911 -186.787848
2.26E-14 1.75E-17 -1.81E-13
1510.650
0.50000 -11.939911 -155.100348
1.88E-14 1.75E-17 -1.83E-13
1532.018
0.75000 -11.939911 -123.412848
1.49E-14 1.75E-17 -1.85E-13
1549.425
1.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 323

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 ULO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -31.884303 -218.297694
2.64E-14 1.48E-17 -1.20E-13
1006.457
0.25000 -31.884303 -186.610194
2.26E-14 1.48E-17 -1.24E-13
1031.764
0.50000 -31.884303 -154.922694
1.88E-14 1.48E-17 -1.26E-13
1053.109
0.75000 -31.884303 -123.235194
1.49E-14 1.48E-17 -1.28E-13
1070.494
1.00000 -31.884303 -91.547694
1.11E-14 1.48E-17 -1.30E-13
1083.918

COMB ULO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -31.884303 -218.297694
2.64E-14 1.48E-17 -1.20E-13
1006.457
0.25000 -31.884303 -186.610194
2.26E-14 1.48E-17 -1.24E-13
1031.764
0.50000 -31.884303 -154.922694
1.88E-14 1.48E-17 -1.26E-13
1053.109
0.75000 -31.884303 -123.235194
1.49E-14 1.48E-17 -1.28E-13
1070.494
1.00000 -31.884303 -91.547694
1.11E-14 1.48E-17 -1.30E-13
1083.918

COMB ULO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
2.64E-14 1.74E-17 -1.78E-13
1485.405
0.25000 -11.939949 -186.681816
2.26E-14 1.74E-17 -1.81E-13
1510.721
0.50000 -11.939949 -154.994316
1.88E-14 1.74E-17 -1.83E-13
1532.075
0.75000 -11.939949 -123.306816
1.49E-14 1.74E-17 -1.85E-13
1549.469
1.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902

COMB ULO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -218.369316
2.64E-14 1.74E-17 -1.78E-13
1485.405
0.25000 -11.939949 -186.681816
2.26E-14 1.74E-17 -1.81E-13
1510.721
0.50000 -11.939949 -154.994316
1.88E-14 1.74E-17 -1.83E-13
1532.075
0.75000 -11.939949 -123.306816
1.49E-14 1.74E-17 -1.85E-13
1549.469
1.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902

COMB ULO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -96.439028 3344.946
-4.05E-13 -2.57E-15 -4.08E-13
3372.419
0.25000 -96.439028 3375.415
-4.09E-13 -2.57E-15 -3.57E-13
2952.396
0.50000 -96.439028 3405.884
-4.12E-13 -2.57E-15 -3.06E-13
2528.565
0.75000 -96.439028 3436.352
-4.16E-13 -2.57E-15 -2.54E-13
2100.925
1.00000 -96.439028 3466.821
-4.20E-13 -2.57E-15 -2.02E-13
1669.477

COMB ULO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -96.439028 3344.946
-4.05E-13 -2.57E-15 -4.08E-13
3372.419
0.25000 -96.439028 3375.415
-4.09E-13 -2.57E-15 -3.57E-13
2952.396
0.50000 -96.439028 3405.884
-4.12E-13 -2.57E-15 -3.06E-13
2528.565
0.75000 -96.439028 3436.352
-4.16E-13 -2.57E-15 -2.54E-13
2100.925
1.00000 -96.439028 3466.821
-4.20E-13 -2.57E-15 -2.02E-13
1669.477

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 324

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 ULO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.261764 3344.877
-4.05E-13 -2.57E-15 -4.63E-13
3832.946
0.25000 -77.261764 3375.346
-4.09E-13 -2.57E-15 -4.12E-13
3412.932
0.50000 -77.261764 3405.815
-4.12E-13 -2.57E-15 -3.61E-13
2989.109
0.75000 -77.261764 3436.283
-4.16E-13 -2.57E-15 -3.09E-13
2561.478
1.00000 -77.261764 3466.752
-4.20E-13 -2.57E-15 -2.57E-13
2130.038

COMB ULO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.261764 3344.877
-4.05E-13 -2.57E-15 -4.63E-13
3832.946
0.25000 -77.261764 3375.346
-4.09E-13 -2.57E-15 -4.12E-13
3412.932
0.50000 -77.261764 3405.815
-4.12E-13 -2.57E-15 -3.61E-13
2989.109
0.75000 -77.261764 3436.283
-4.16E-13 -2.57E-15 -3.09E-13
2561.478
1.00000 -77.261764 3466.752
-4.20E-13 -2.57E-15 -2.57E-13
2130.038

COMB ULO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -63.680599 1932.784
-2.34E-13 -1.54E-15 -2.97E-13
2458.227
0.25000 -63.680599 1963.252
-2.38E-13 -1.54E-15 -2.67E-13
2214.725
0.50000 -63.680599 1993.721
-2.41E-13 -1.54E-15 -2.37E-13
1967.414
0.75000 -63.680599 2024.190
-2.45E-13 -1.54E-15 -2.07E-13
1716.295
1.00000 -63.680599 2054.659
-2.49E-13 -1.54E-15 -1.76E-13
1461.367

COMB ULO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -63.680599 1932.784
-2.34E-13 -1.54E-15 -2.97E-13
2458.227

0.25000 -63.680599 1963.252
-2.38E-13 -1.54E-15 -2.67E-13
2214.725
0.50000 -63.680599 1993.721
-2.41E-13 -1.54E-15 -2.37E-13
1967.414
0.75000 -63.680599 2024.190
-2.45E-13 -1.54E-15 -2.07E-13
1716.295
1.00000 -63.680599 2054.659
-2.49E-13 -1.54E-15 -1.76E-13
1461.367

COMB ULO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -44.503336 1932.715
-2.34E-13 -1.54E-15 -3.52E-13
2918.754
0.25000 -44.503336 1963.183
-2.38E-13 -1.54E-15 -3.22E-13
2675.261
0.50000 -44.503336 1993.652
-2.41E-13 -1.54E-15 -2.92E-13
2427.958
0.75000 -44.503336 2024.121
-2.45E-13 -1.54E-15 -2.62E-13
2176.848
1.00000 -44.503336 2054.590
-2.49E-13 -1.54E-15 -2.31E-13
1921.928

COMB ULO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -44.503336 1932.715
-2.34E-13 -1.54E-15 -3.52E-13
2918.754
0.25000 -44.503336 1963.183
-2.38E-13 -1.54E-15 -3.22E-13
2675.261
0.50000 -44.503336 1993.652
-2.41E-13 -1.54E-15 -2.92E-13
2427.958
0.75000 -44.503336 2024.121
-2.45E-13 -1.54E-15 -2.62E-13
2176.848
1.00000 -44.503336 2054.590
-2.49E-13 -1.54E-15 -2.31E-13
1921.928

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 ULO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -63.680636 1932.885
-2.34E-13 -1.54E-15 -2.97E-13
2458.308
0.25000 -63.680636 1963.354
-2.38E-13 -1.54E-15 -2.67E-13
2214.793
0.50000 -63.680636 1993.823
-2.41E-13 -1.54E-15 -2.37E-13
1967.469
0.75000 -63.680636 2024.292
-2.45E-13 -1.54E-15 -2.07E-13
1716.337
1.00000 -63.680636 2054.760
-2.49E-13 -1.54E-15 -1.76E-13
1461.396

COMB ULO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -63.680636 1932.885
-2.34E-13 -1.54E-15 -2.97E-13
2458.308
0.25000 -63.680636 1963.354
-2.38E-13 -1.54E-15 -2.67E-13
2214.793
0.50000 -63.680636 1993.823
-2.41E-13 -1.54E-15 -2.37E-13
1967.469
0.75000 -63.680636 2024.292
-2.45E-13 -1.54E-15 -2.07E-13
1716.337
1.00000 -63.680636 2054.760
-2.49E-13 -1.54E-15 -1.76E-13
1461.396

COMB ULO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -44.503373 1932.817
-2.34E-13 -1.54E-15 -3.52E-13
2918.835
0.25000 -44.503373 1963.285
-2.38E-13 -1.54E-15 -3.22E-13
2675.328
0.50000 -44.503373 1993.754
-2.41E-13 -1.54E-15 -2.92E-13
2428.013
0.75000 -44.503373 2024.223
-2.45E-13 -1.54E-15 -2.62E-13
2176.890
1.00000 -44.503373 2054.692
-2.49E-13 -1.54E-15 -2.31E-13
1921.958

COMB ULO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -44.503373 1932.817
-2.34E-13 -1.54E-15 -3.52E-13
2918.835
0.25000 -44.503373 1963.285
-2.38E-13 -1.54E-15 -3.22E-13
2675.328
0.50000 -44.503373 1993.754
-2.41E-13 -1.54E-15 -2.92E-13
2428.013
0.75000 -44.503373 2024.223
-2.45E-13 -1.54E-15 -2.62E-13
2176.890
1.00000 -44.503373 2054.692
-2.49E-13 -1.54E-15 -2.31E-13
1921.958

COMB ULO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB ULO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

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 ULO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
2.65E-14 1.75E-17 -1.78E-13
1485.321
0.25000 -11.939911 -186.787848
2.26E-14 1.75E-17 -1.81E-13
1510.650
0.50000 -11.939911 -155.100348
1.88E-14 1.75E-17 -1.83E-13
1532.018
0.75000 -11.939911 -123.412848
1.49E-14 1.75E-17 -1.85E-13
1549.425
1.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871

COMB ULO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -218.475348
2.65E-14 1.75E-17 -1.78E-13
1485.321
0.25000 -11.939911 -186.787848
2.26E-14 1.75E-17 -1.81E-13
1510.650
0.50000 -11.939911 -155.100348
1.88E-14 1.75E-17 -1.83E-13
1532.018
0.75000 -11.939911 -123.412848
1.49E-14 1.75E-17 -1.85E-13
1549.425
1.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871

COMB ULO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.171294 3211.082
-3.89E-13 -2.47E-15 -4.44E-13
3679.628
0.25000 -74.171294 3240.332
-3.92E-13 -2.47E-15 -3.95E-13
3276.415
0.50000 -74.171294 3269.582
-3.96E-13 -2.47E-15 -3.46E-13
2869.545
0.75000 -74.171294 3298.832
-3.99E-13 -2.47E-15 -2.97E-13
2459.019
1.00000 -74.171294 3328.082
-4.03E-13 -2.47E-15 -2.46E-13
2044.837

COMB ULO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.171294 3211.082
-3.89E-13 -2.47E-15 -4.44E-13
3679.628
0.25000 -74.171294 3240.332
-3.92E-13 -2.47E-15 -3.95E-13
3276.415
0.50000 -74.171294 3269.582
-3.96E-13 -2.47E-15 -3.46E-13
2869.545
0.75000 -74.171294 3298.832
-3.99E-13 -2.47E-15 -2.97E-13
2459.019
1.00000 -74.171294 3328.082
-4.03E-13 -2.47E-15 -2.46E-13
2044.837

COMB UEO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -168.151757
2.04E-14 1.35E-17 -1.37E-13
1142.481
0.25000 -9.184513 -143.776757
1.74E-14 1.35E-17 -1.39E-13
1161.976
0.50000 -9.184513 -119.401757
1.45E-14 1.35E-17 -1.41E-13
1178.425
0.75000 -9.184513 -95.026757
1.15E-14 1.35E-17 -1.43E-13
1191.827
1.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182

COMB UEO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -168.151757
2.04E-14 1.35E-17 -1.37E-13
1142.481
0.25000 -9.184513 -143.776757
1.74E-14 1.35E-17 -1.39E-13
1161.976
0.50000 -9.184513 -119.401757
1.45E-14 1.35E-17 -1.41E-13
1178.425
0.75000 -9.184513 -95.026757
1.15E-14 1.35E-17 -1.43E-13
1191.827
1.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182

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 UEO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.596862 3529.065
-4.27E-13 -2.68E-15 -4.40E-13
3643.478
0.25000 -77.596862 3553.440
-4.30E-13 -2.68E-15 -3.87E-13
3200.821
0.50000 -77.596862 3577.815
-4.33E-13 -2.68E-15 -3.33E-13
2755.118
0.75000 -77.596862 3602.190
-4.36E-13 -2.68E-15 -2.78E-13
2306.367
1.00000 -77.596862 3626.565
-4.39E-13 -2.68E-15 -2.24E-13
1854.570

COMB UEO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.596862 3529.065
-4.27E-13 -2.68E-15 -4.40E-13
3643.478
0.25000 -77.596862 3553.440
-4.30E-13 -2.68E-15 -3.87E-13
3200.821
0.50000 -77.596862 3577.815
-4.33E-13 -2.68E-15 -3.33E-13
2755.118
0.75000 -77.596862 3602.190
-4.36E-13 -2.68E-15 -2.78E-13
2306.367
1.00000 -77.596862 3626.565
-4.39E-13 -2.68E-15 -2.24E-13
1854.570

COMB UEO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -43.528096 2060.416
-2.49E-13 -1.61E-15 -3.25E-13
2692.719
0.25000 -43.528096 2084.791
-2.52E-13 -1.61E-15 -2.93E-13

2433.643
0.50000 -43.528096 2109.166
-2.55E-13 -1.61E-15 -2.62E-13
2171.521
0.75000 -43.528096 2133.541
-2.58E-13 -1.61E-15 -2.30E-13
1906.352
1.00000 -43.528096 2157.916
-2.61E-13 -1.61E-15 -1.97E-13
1638.136

COMB UEO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -43.528096 2060.416
-2.49E-13 -1.61E-15 -3.25E-13
2692.719
0.25000 -43.528096 2084.791
-2.52E-13 -1.61E-15 -2.93E-13
2433.643
0.50000 -43.528096 2109.166
-2.55E-13 -1.61E-15 -2.62E-13
2171.521
0.75000 -43.528096 2133.541
-2.58E-13 -1.61E-15 -2.30E-13
1906.352
1.00000 -43.528096 2157.916
-2.61E-13 -1.61E-15 -1.97E-13
1638.136

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 UEO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -43.528135 2060.522
-2.49E-13 -1.61E-15 -3.25E-13
2692.802
0.25000 -43.528135 2084.897
-2.52E-13 -1.61E-15 -2.93E-13
2433.714
0.50000 -43.528135 2109.272
-2.55E-13 -1.61E-15 -2.62E-13
2171.578
0.75000 -43.528135 2133.647
-2.58E-13 -1.61E-15 -2.30E-13
1906.396
1.00000 -43.528135 2158.022
-2.61E-13 -1.61E-15 -1.97E-13
1638.166

COMB UEO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -43.528135 2060.522
-2.49E-13 -1.61E-15 -3.25E-13
2692.802
0.25000 -43.528135 2084.897
-2.52E-13 -1.61E-15 -2.93E-13
2433.714
0.50000 -43.528135 2109.272
-2.55E-13 -1.61E-15 -2.62E-13
2171.578
0.75000 -43.528135 2133.647
-2.58E-13 -1.61E-15 -2.30E-13
1906.396
1.00000 -43.528135 2158.022
-2.61E-13 -1.61E-15 -1.97E-13
1638.166

COMB UEO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -29.128892 -168.010807
2.03E-14 1.08E-17 -7.95E-14
663.587534
0.25000 -29.128892 -143.635807
1.74E-14 1.08E-17 -8.18E-14
683.065448
0.50000 -29.128892 -119.260807
1.44E-14 1.08E-17 -8.38E-14
699.496486
0.75000 -29.128892 -94.885807
1.15E-14 1.08E-17 -8.54E-14
712.880650
1.00000 -29.128892 -70.510807
8.54E-15 1.08E-17 -8.67E-14
723.217938

COMB UEO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -29.128892 -168.010807
2.03E-14 1.08E-17 -7.95E-14
663.587534
0.25000 -29.128892 -143.635807
1.74E-14 1.08E-17 -8.18E-14
683.065448
0.50000 -29.128892 -119.260807
1.44E-14 1.08E-17 -8.38E-14
699.496486
0.75000 -29.128892 -94.885807
1.15E-14 1.08E-17 -8.54E-14
712.880650
1.00000 -29.128892 -70.510807
8.54E-15 1.08E-17 -8.67E-14
723.217938

COMB UEO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536
0.25000 -9.184538 -143.707429
1.74E-14 1.35E-17 -1.39E-13
1162.022
0.50000 -9.184538 -119.332429
1.45E-14 1.35E-17 -1.41E-13
1178.462
0.75000 -9.184538 -94.957429
1.15E-14 1.35E-17 -1.43E-13
1191.855
1.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202

COMB UEO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536
0.25000 -9.184538 -143.707429
1.74E-14 1.35E-17 -1.39E-13
1162.022
0.50000 -9.184538 -119.332429
1.45E-14 1.35E-17 -1.41E-13
1178.462
0.75000 -9.184538 -94.957429
1.15E-14 1.35E-17 -1.43E-13
1191.855
1.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202

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 UEO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -29.128930 -167.904775
2.03E-14 1.07E-17 -7.95E-14
663.671180
0.25000 -29.128930 -143.529775
1.74E-14 1.07E-17 -8.18E-14
683.135839
0.50000 -29.128930 -119.154775
1.44E-14 1.07E-17 -8.38E-14
699.553624
0.75000 -29.128930 -94.779775
1.15E-14 1.07E-17 -8.54E-14
712.924533
1.00000 -29.128930 -70.404775
8.53E-15 1.07E-17 -8.67E-14
723.248568

COMB UEO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -29.128930 -167.904775
2.03E-14 1.07E-17 -7.95E-14
663.671180
0.25000 -29.128930 -143.529775
1.74E-14 1.07E-17 -8.18E-14
683.135839
0.50000 -29.128930 -119.154775
1.44E-14 1.07E-17 -8.38E-14
699.553624
0.75000 -29.128930 -94.779775
1.15E-14 1.07E-17 -8.54E-14
712.924533
1.00000 -29.128930 -70.404775
8.53E-15 1.07E-17 -8.67E-14
723.248568

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 3395.339
-4.11E-13 -2.58E-15 -3.67E-13
3029.633
0.25000 -93.683655 3418.495
-4.14E-13 -2.58E-15 -3.15E-13
2603.769
0.50000 -93.683655 3441.651
-4.17E-13 -2.58E-15 -2.63E-13
2175.009
0.75000 -93.683655 3464.808
-4.20E-13 -2.58E-15 -2.11E-13
1743.356
1.00000 -93.683655 3487.964
-4.22E-13 -2.58E-15 -1.59E-13
1308.807

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 3395.339
-4.11E-13 -2.58E-15 -3.67E-13
3029.633
0.25000 -93.683655 3418.495
-4.14E-13 -2.58E-15 -3.15E-13
2603.769
0.50000 -93.683655 3441.651
-4.17E-13 -2.58E-15 -2.63E-13
2175.009
0.75000 -93.683655 3464.808
-4.20E-13 -2.58E-15 -2.11E-13
1743.356
1.00000 -93.683655 3487.964
-4.22E-13 -2.58E-15 -1.59E-13
1308.807

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3395.270
-4.11E-13 -2.57E-15 -4.22E-13
3490.160
0.25000 -74.506391 3418.426
-4.14E-13 -2.57E-15 -3.70E-13
3064.304
0.50000 -74.506391 3441.583
-4.17E-13 -2.57E-15 -3.18E-13
2635.553
0.75000 -74.506391 3464.739
-4.19E-13 -2.57E-15 -2.66E-13
2203.908
1.00000 -74.506391 3487.895
-4.22E-13 -2.57E-15 -2.13E-13
1769.369

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3395.270
-4.11E-13 -2.57E-15 -4.22E-13
3490.160
0.25000 -74.506391 3418.426
-4.14E-13 -2.57E-15 -3.70E-13
3064.304
0.50000 -74.506391 3441.583
-4.17E-13 -2.57E-15 -3.18E-13
2635.553
0.75000 -74.506391 3464.739
-4.19E-13 -2.57E-15 -2.66E-13
2203.908
1.00000 -74.506391 3487.895
-4.22E-13 -2.57E-15 -2.13E-13
1769.369

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 1983.176
-2.40E-13 -1.55E-15 -2.56E-13
2115.442
0.25000 -60.925227 2006.333
-2.43E-13 -1.55E-15 -2.26E-13
1866.097
0.50000 -60.925227 2029.489
-2.46E-13 -1.55E-15 -1.95E-13
1613.858
0.75000 -60.925227 2052.645
-2.49E-13 -1.55E-15 -1.64E-13
1358.725
1.00000 -60.925227 2075.801
-2.51E-13 -1.55E-15 -1.33E-13
1100.697

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 1983.176
-2.40E-13 -1.55E-15 -2.56E-13
2115.442
0.25000 -60.925227 2006.333
-2.43E-13 -1.55E-15 -2.26E-13
1866.097
0.50000 -60.925227 2029.489
-2.46E-13 -1.55E-15 -1.95E-13
1613.858
0.75000 -60.925227 2052.645
-2.49E-13 -1.55E-15 -1.64E-13
1358.725
1.00000 -60.925227 2075.801
-2.51E-13 -1.55E-15 -1.33E-13
1100.697

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 1983.108
-2.40E-13 -1.55E-15 -3.11E-13
2575.968
0.25000 -41.747963 2006.264
-2.43E-13 -1.55E-15 -2.81E-13
2326.633
0.50000 -41.747963 2029.420
-2.46E-13 -1.55E-15 -2.50E-13
2074.402
0.75000 -41.747963 2052.576
-2.49E-13 -1.55E-15 -2.19E-13
1819.278
1.00000 -41.747963 2075.733
-2.51E-13 -1.55E-15 -1.88E-13
1561.258

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 1983.108
-2.40E-13 -1.55E-15 -3.11E-13
2575.968
0.25000 -41.747963 2006.264
-2.43E-13 -1.55E-15 -2.81E-13
2326.633
0.50000 -41.747963 2029.420

-2.46E-13 -1.55E-15 -2.50E-13
2074.402
0.75000 -41.747963 2052.576
-2.49E-13 -1.55E-15 -2.19E-13
1819.278
1.00000 -41.747963 2075.733
-2.51E-13 -1.55E-15 -1.88E-13
1561.258

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 1983.278
-2.40E-13 -1.55E-15 -2.56E-13
2115.522
0.25000 -60.925263 2006.435
-2.43E-13 -1.55E-15 -2.26E-13
1866.165
0.50000 -60.925263 2029.591
-2.46E-13 -1.55E-15 -1.95E-13
1613.913
0.75000 -60.925263 2052.747
-2.49E-13 -1.55E-15 -1.64E-13
1358.767
1.00000 -60.925263 2075.903
-2.51E-13 -1.55E-15 -1.33E-13
1100.727

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 1983.278
-2.40E-13 -1.55E-15 -2.56E-13
2115.522
0.25000 -60.925263 2006.435
-2.43E-13 -1.55E-15 -2.26E-13
1866.165
0.50000 -60.925263 2029.591
-2.46E-13 -1.55E-15 -1.95E-13
1613.913
0.75000 -60.925263 2052.747
-2.49E-13 -1.55E-15 -1.64E-13
1358.767
1.00000 -60.925263 2075.903
-2.51E-13 -1.55E-15 -1.33E-13
1100.727

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 1983.210
-2.40E-13 -1.55E-15 -3.11E-13
2576.049
0.25000 -41.748000 2006.366
-2.43E-13 -1.55E-15 -2.81E-13
2326.700
0.50000 -41.748000 2029.522
-2.46E-13 -1.55E-15 -2.50E-13
2074.457
0.75000 -41.748000 2052.678
-2.49E-13 -1.55E-15 -2.19E-13
1819.320
1.00000 -41.748000 2075.835
-2.51E-13 -1.55E-15 -1.88E-13
1561.288

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 1983.210
-2.40E-13 -1.55E-15 -3.11E-13
2576.049
0.25000 -41.748000 2006.366
-2.43E-13 -1.55E-15 -2.81E-13
2326.700
0.50000 -41.748000 2029.522
-2.46E-13 -1.55E-15 -2.50E-13
2074.457
0.75000 -41.748000 2052.678
-2.49E-13 -1.55E-15 -2.19E-13
1819.320
1.00000 -41.748000 2075.835
-2.51E-13 -1.55E-15 -1.88E-13
1561.288

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -167.976397
2.03E-14 1.34E-17 -1.37E-13
1142.619
0.25000 -9.184576 -143.601397
1.74E-14 1.34E-17 -1.39E-13
1162.093
0.50000 -9.184576 -119.226397
1.44E-14 1.34E-17 -1.41E-13
1178.520
0.75000 -9.184576 -94.851397
1.15E-14 1.34E-17 -1.43E-13
1191.899
1.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536
0.25000 -9.184538 -143.707429
1.74E-14 1.35E-17 -1.39E-13
1162.022
0.50000 -9.184538 -119.332429
1.45E-14 1.35E-17 -1.41E-13
1178.462
0.75000 -9.184538 -94.957429
1.15E-14 1.35E-17 -1.43E-13
1191.855
1.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -168.082429
2.04E-14 1.35E-17 -1.37E-13
1142.536
0.25000 -9.184538 -143.707429
1.74E-14 1.35E-17 -1.39E-13
1162.022
0.50000 -9.184538 -119.332429
1.45E-14 1.35E-17 -1.41E-13
1178.462
0.75000 -9.184538 -94.957429
1.15E-14 1.35E-17 -1.43E-13
1191.855
1.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 3261.475
-3.95E-13 -2.47E-15 -4.03E-13
3336.842
0.25000 -71.415921 3283.413
-3.98E-13 -2.47E-15 -3.54E-13
2927.787
0.50000 -71.415921 3305.350
-4.00E-13 -2.47E-15 -3.04E-13
2515.989
0.75000 -71.415921 3327.288
-4.03E-13 -2.47E-15 -2.54E-13
2101.449
1.00000 -71.415921 3349.225
-4.06E-13 -2.47E-15 -2.03E-13
1684.167

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 3261.475
-3.95E-13 -2.47E-15 -4.03E-13
3336.842
0.25000 -71.415921 3283.413
-3.98E-13 -2.47E-15 -3.54E-13
2927.787
0.50000 -71.415921 3305.350
-4.00E-13 -2.47E-15 -3.04E-13
2515.989
0.75000 -71.415921 3327.288
-4.03E-13 -2.47E-15 -2.54E-13
2101.449
1.00000 -71.415921 3349.225
-4.06E-13 -2.47E-15 -2.03E-13
1684.167

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267
0.25000 -11.939886 -186.857176
2.26E-14 1.76E-17 -1.81E-13
1510.604
0.50000 -11.939886 -155.169676
1.88E-14 1.76E-17 -1.83E-13
1531.981
0.75000 -11.939886 -123.482176
1.50E-14 1.76E-17 -1.85E-13
1549.397
1.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267
0.25000 -11.939886 -186.857176
2.26E-14 1.76E-17 -1.81E-13
1510.604
0.50000 -11.939886 -155.169676
1.88E-14 1.76E-17 -1.83E-13
1531.981
0.75000 -11.939886 -123.482176
1.50E-14 1.76E-17 -1.85E-13
1549.397
1.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -167.976397
2.04E-14 1.35E-17 -1.37E-13
1142.619
0.25000 -9.184513 -143.601397
1.74E-14 1.35E-17 -1.39E-13
1162.093
0.50000 -9.184513 -119.226397
1.45E-14 1.35E-17 -1.41E-13
1178.520
0.75000 -9.184513 -94.851397
1.15E-14 1.35E-17 -1.43E-13
1191.899
1.00000 -9.184513 -70.476397
8.56E-15 1.35E-17 -1.44E-13
1202.232

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -168.151757
2.03E-14 1.34E-17 -1.37E-13
1142.481
0.25000 -9.184576 -143.776757
1.74E-14 1.34E-17 -1.39E-13
1161.976
0.50000 -9.184576 -119.401757
1.44E-14 1.34E-17 -1.41E-13
1178.425
0.75000 -9.184576 -95.026757
1.15E-14 1.34E-17 -1.43E-13
1191.827
1.00000 -9.184576 -70.651757
8.53E-15 1.34E-17 -1.44E-13
1202.182

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267
0.25000 -11.939886 -186.857176
2.26E-14 1.76E-17 -1.81E-13
1510.604
0.50000 -11.939886 -155.169676
1.88E-14 1.76E-17 -1.83E-13
1531.981
0.75000 -11.939886 -123.482176
1.50E-14 1.76E-17 -1.85E-13
1549.397
1.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -218.544676
2.65E-14 1.76E-17 -1.78E-13
1485.267
0.25000 -11.939886 -186.857176
2.26E-14 1.76E-17 -1.81E-13
1510.604
0.50000 -11.939886 -155.169676
1.88E-14 1.76E-17 -1.83E-13
1531.981
0.75000 -11.939886 -123.482176
1.50E-14 1.76E-17 -1.85E-13
1549.397
1.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -167.976397
2.04E-14 1.35E-17 -1.37E-13
1142.619
0.25000 -9.184513 -143.601397
1.74E-14 1.35E-17 -1.39E-13
1162.093
0.50000 -9.184513 -119.226397
1.45E-14 1.35E-17 -1.41E-13
1178.520
0.75000 -9.184513 -94.851397
1.15E-14 1.35E-17 -1.43E-13
1191.899
1.00000 -9.184513 -70.476397
8.56E-15 1.35E-17 -1.44E-13
1202.232

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -168.151757
2.03E-14 1.34E-17 -1.37E-13
1142.481
0.25000 -9.184576 -143.776757
1.74E-14 1.34E-17 -1.39E-13
1161.976
0.50000 -9.184576 -119.401757
1.44E-14 1.34E-17 -1.41E-13
1178.425
0.75000 -9.184576 -95.026757
1.15E-14 1.34E-17 -1.43E-13
1191.827
1.00000 -9.184576 -70.651757
8.53E-15 1.34E-17 -1.44E-13
1202.182

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 6 ==========
LENGTH = 0.600000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

LOAD L1 --------------------

REL DIST P V2
V3 T M2 M3
0.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 2.86E-18
-0.023561
0.25000 2.95E-05 -0.081563
9.88E-18 5.93E-20 1.38E-18
-0.011327
0.50000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -1.06E-19
0.000908
0.75000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -1.59E-18
0.013142
1.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -3.07E-18
0.025377

LOAD W-LO --------------------

REL DIST P V2
V3 T M2 M3
0.00000 3.16E-17 -5.89E-16
-4.851957 -5.784978 65.827198
8.94E-15
0.25000 3.16E-17 -4.26E-16
-3.501957 -5.784978 66.453742
9.02E-15
0.50000 3.16E-17 -2.62E-16
-2.151957 -5.784978 66.877786
9.07E-15
0.75000 3.16E-17 -9.86E-17
-0.801957 -5.784978 67.099329
9.10E-15
1.00000 3.16E-17 6.49E-17
0.548043 -5.784978 67.118373
9.10E-15

LOAD G-LO1 --------------------

REL DIST P V2
V3 T M2 M3
0.00000 1.52E-26 1.50E-24
1.07E-08 7.36E-09 5.82E-09
-8.01E-25
0.25000 1.52E-26 1.50E-24
1.07E-08 7.36E-09 4.21E-09
-1.03E-24
0.50000 1.52E-26 1.50E-24
1.07E-08 7.36E-09 2.61E-09
-1.25E-24
0.75000 1.52E-26 1.50E-24
1.07E-08 7.36E-09 1.00E-09
-1.48E-24
1.00000 1.52E-26 1.50E-24
1.07E-08 7.36E-09 -6.05E-10
-1.70E-24

LOAD E-LO --------------------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR --------------------

REL DIST P V2
V3 T M2 M3
0.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -6.15E-14
501.798394
0.25000 -52.624835 2843.878
-3.44E-13 -2.07E-15 -9.82E-15
75.216669
0.50000 -52.624835 2843.878
-3.44E-13 -2.07E-15 4.18E-14
-351.365056

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 -52.624835 2843.878
-3.44E-13 -2.07E-15 9.35E-14
-777.946781
1.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 1.45E-13
-1204.529

LOAD WL --------------------

REL DIST P V2
V3 T M2 M3
0.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -1.02E-14
84.434504
0.25000 -0.105704 292.290603
-3.54E-14 -2.13E-16 -4.93E-15
40.590914
0.50000 -0.105704 292.290603
-3.54E-14 -2.13E-16 3.79E-16
-3.252677
0.75000 -0.105704 292.290603
-3.54E-14 -2.13E-16 5.69E-15
-47.096267
1.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 1.10E-14
-90.939858

LOAD G-TR --------------------

REL DIST P V2
V3 T M2 M3
0.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.449065
0.25000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.457329
0.50000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.465593
0.75000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.473857
1.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.482121

LOAD E-TR --------------------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 --------------------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209
0.25000 -9.184547 -41.307960
5.00E-15 1.35E-17 -1.45E-13
1210.599
0.50000 -9.184547 -12.057960
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184547 17.192040
-2.08E-15 1.35E-17 -1.45E-13
1214.216
1.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444

COMB SVB01 --------------------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209
0.25000 -9.184547 -41.307960
5.00E-15 1.35E-17 -1.45E-13
1210.599
0.50000 -9.184547 -12.057960
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184547 17.192040
-2.08E-15 1.35E-17 -1.45E-13
1214.216
1.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444

COMB SVB02 --------------------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

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 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB SVB02 --------------------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB SVB03 --------------------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-4.851957 -5.784978 65.827198
1202.232
0.25000 -9.184576 -41.226397
-3.501957 -5.784978 66.453742
1210.610
0.50000 -9.184576 -11.976397
-2.151957 -5.784978 66.877786
1214.600
0.75000 -9.184576 17.273603
-0.801957 -5.784978 67.099329
1214.203
1.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418

COMB SVB03 --------------------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-4.851957 -5.784978 65.827198
1202.232
0.25000 -9.184576 -41.226397
-3.501957 -5.784978 66.453742
1210.610
0.50000 -9.184576 -11.976397
-2.151957 -5.784978 66.877786
1214.600
0.75000 -9.184576 17.273603
-0.801957 -5.784978 67.099329
1214.203
1.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418

COMB SVB04 --------------------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209
0.25000 -9.184547 -41.307960
-1.750979 -2.892489 33.226871
1210.599
0.50000 -9.184547 -12.057960
-1.075979 -2.892489 33.438893
1214.601
0.75000 -9.184547 17.192040
-0.400979 -2.892489 33.549665
1214.216
1.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444

COMB SVB04 --------------------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209
0.25000 -9.184547 -41.307960
-1.750979 -2.892489 33.226871
1210.599
0.50000 -9.184547 -12.057960
-1.075979 -2.892489 33.438893
1214.601
0.75000 -9.184547 17.192040
-0.400979 -2.892489 33.549665
1214.216
1.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444

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 SVB05 --------------------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232
0.25000 -9.184576 -41.226397
-1.750979 -2.892489 33.226871
1210.610
0.50000 -9.184576 -11.976397
-1.075979 -2.892489 33.438893
1214.600
0.75000 -9.184576 17.273603
-0.400979 -2.892489 33.549665
1214.203
1.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418

COMB SVB05 --------------------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232
0.25000 -9.184576 -41.226397
-1.750979 -2.892489 33.226871
1210.610
0.50000 -9.184576 -11.976397
-1.075979 -2.892489 33.438893
1214.600
0.75000 -9.184576 17.273603
-0.400979 -2.892489 33.549665
1214.203
1.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418

COMB SVB06 --------------------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
1.07E-08 7.36E-09 5.82E-09

1202.209
0.25000 -9.184547 -41.307960
1.07E-08 7.36E-09 4.21E-09
1210.599
0.50000 -9.184547 -12.057960
1.07E-08 7.36E-09 2.61E-09
1214.601
0.75000 -9.184547 17.192040
1.07E-08 7.36E-09 1.00E-09
1214.216
1.00000 -9.184547 46.442040
1.07E-08 7.36E-09 -6.06E-10
1209.444

COMB SVB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
1.07E-08 7.36E-09 5.82E-09
1202.209
0.25000 -9.184547 -41.307960
1.07E-08 7.36E-09 4.21E-09
1210.599
0.50000 -9.184547 -12.057960
1.07E-08 7.36E-09 2.61E-09
1214.601
0.75000 -9.184547 17.192040
1.07E-08 7.36E-09 1.00E-09
1214.216
1.00000 -9.184547 46.442040
1.07E-08 7.36E-09 -6.06E-10
1209.444

COMB SVB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209
0.25000 -9.184547 -41.307960
5.00E-15 1.35E-17 -1.45E-13
1210.599
0.50000 -9.184547 -12.057960
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184547 17.192040
-2.08E-15 1.35E-17 -1.45E-13
1214.216
1.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209
0.25000 -9.184547 -41.307960
5.00E-15 1.35E-17 -1.45E-13
1210.599
0.50000 -9.184547 -12.057960
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184547 17.192040
-2.08E-15 1.35E-17 -1.45E-13
1214.216
1.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 338

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 SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
1.07E-08 7.36E-09 5.82E-09
1202.232
0.25000 -9.184576 -41.226397
1.07E-08 7.36E-09 4.21E-09
1210.610
0.50000 -9.184576 -11.976397
1.07E-08 7.36E-09 2.61E-09
1214.600
0.75000 -9.184576 17.273603
1.07E-08 7.36E-09 1.00E-09
1214.203
1.00000 -9.184576 46.523603
1.07E-08 7.36E-09 -6.06E-10
1209.418

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
1.07E-08 7.36E-09 5.82E-09
1202.232
0.25000 -9.184576 -41.226397
1.07E-08 7.36E-09 4.21E-09
1210.610
0.50000 -9.184576 -11.976397
1.07E-08 7.36E-09 2.61E-09
1214.600
0.75000 -9.184576 17.273603
1.07E-08 7.36E-09 1.00E-09
1214.203
1.00000 -9.184576 46.523603
1.07E-08 7.36E-09 -6.06E-10
1209.418

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-4.851957 -5.784978 65.827198
1202.232
0.25000 -9.184576 -41.226397
-3.501957 -5.784978 66.453742
1210.610
0.50000 -9.184576 -11.976397
-2.151957 -5.784978 66.877786
1214.600
0.75000 -9.184576 17.273603
-0.801957 -5.784978 67.099329
1214.203
1.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-4.851957 -5.784978 65.827198
1202.232
0.25000 -9.184576 -41.226397
-3.501957 -5.784978 66.453742
1210.610
0.50000 -9.184576 -11.976397
-2.151957 -5.784978 66.877786
1214.600
0.75000 -9.184576 17.273603
-0.801957 -5.784978 67.099329
1214.203
1.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 339

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 SVB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-4.851957 -5.784978 65.827198
1202.232
0.25000 -9.184576 -41.226397
-3.501957 -5.784978 66.453742
1210.610
0.50000 -9.184576 -11.976397
-2.151957 -5.784978 66.877786
1214.600
0.75000 -9.184576 17.273603
-0.801957 -5.784978 67.099329
1214.203
1.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418

COMB SVB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-4.851957 -5.784978 65.827198
1202.232
0.25000 -9.184576 -41.226397
-3.501957 -5.784978 66.453742
1210.610
0.50000 -9.184576 -11.976397
-2.151957 -5.784978 66.877786
1214.600
0.75000 -9.184576 17.273603
-0.801957 -5.784978 67.099329
1214.203
1.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209
0.25000 -9.184547 -41.307960
-1.750979 -2.892489 33.226871
1210.599
0.50000 -9.184547 -12.057960
-1.075979 -2.892489 33.438893
1214.601
0.75000 -9.184547 17.192040
-0.400979 -2.892489 33.549665
1214.216
1.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209
0.25000 -9.184547 -41.307960
-1.750979 -2.892489 33.226871
1210.599
0.50000 -9.184547 -12.057960
-1.075979 -2.892489 33.438893
1214.601
0.75000 -9.184547 17.192040
-0.400979 -2.892489 33.549665
1214.216
1.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209
0.25000 -9.184547 -41.307960
-1.750979 -2.892489 33.226871
1210.599
0.50000 -9.184547 -12.057960
-1.075979 -2.892489 33.438893
1214.601
0.75000 -9.184547 17.192040
-0.400979 -2.892489 33.549665
1214.216
1.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
-2.425979 -2.892489 32.913599
1202.209
0.25000 -9.184547 -41.307960
-1.750979 -2.892489 33.226871
1210.599
0.50000 -9.184547 -12.057960
-1.075979 -2.892489 33.438893
1214.601
0.75000 -9.184547 17.192040
-0.400979 -2.892489 33.549665
1214.216
1.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 340

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232
0.25000 -9.184576 -41.226397
-1.750979 -2.892489 33.226871
1210.610
0.50000 -9.184576 -11.976397
-1.075979 -2.892489 33.438893
1214.600
0.75000 -9.184576 17.273603
-0.400979 -2.892489 33.549665
1214.203
1.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232
0.25000 -9.184576 -41.226397
-1.750979 -2.892489 33.226871
1210.610
0.50000 -9.184576 -11.976397
-1.075979 -2.892489 33.438893
1214.600
0.75000 -9.184576 17.273603
-0.400979 -2.892489 33.549665
1214.203
1.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232
0.25000 -9.184576 -41.226397
-1.750979 -2.892489 33.226871
1210.610
0.50000 -9.184576 -11.976397
-1.075979 -2.892489 33.438893
1214.600
0.75000 -9.184576 17.273603
-0.400979 -2.892489 33.549665
1214.203
1.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-2.425979 -2.892489 32.913599
1202.232
0.25000 -9.184576 -41.226397

-1.750979 -2.892489 33.226871
1210.610
0.50000 -9.184576 -11.976397
-1.075979 -2.892489 33.438893
1214.600
0.75000 -9.184576 17.273603
-0.400979 -2.892489 33.549665
1214.203
1.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851
0.25000 -11.939886 -53.769676
6.51E-15 1.76E-17 -1.88E-13
1573.769
0.50000 -11.939886 -15.744676
1.91E-15 1.76E-17 -1.89E-13
1578.982
0.75000 -11.939886 22.280324
-2.70E-15 1.76E-17 -1.89E-13
1578.492
1.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851
0.25000 -11.939886 -53.769676
6.51E-15 1.76E-17 -1.88E-13
1573.769
0.50000 -11.939886 -15.744676
1.91E-15 1.76E-17 -1.89E-13
1578.982
0.75000 -11.939886 22.280324
-2.70E-15 1.76E-17 -1.89E-13
1578.492
1.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902
0.25000 -11.939949 -53.594316
6.49E-15 1.74E-17 -1.88E-13
1573.793
0.50000 -11.939949 -15.569316
1.88E-15 1.74E-17 -1.89E-13
1578.980
0.75000 -11.939949 22.455684
-2.72E-15 1.74E-17 -1.89E-13
1578.464
1.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902
0.25000 -11.939949 -53.594316
6.49E-15 1.74E-17 -1.88E-13
1573.793
0.50000 -11.939949 -15.569316
1.88E-15 1.74E-17 -1.89E-13
1578.980
0.75000 -11.939949 22.455684
-2.72E-15 1.74E-17 -1.89E-13
1578.464
1.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244

COMB ULB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
-6.307545 -7.520471 85.575358
1562.902
0.25000 -11.939949 -53.594316
-4.552545 -7.520471 86.389865
1573.793
0.50000 -11.939949 -15.569316
-2.797545 -7.520471 86.941121
1578.980
0.75000 -11.939949 22.455684
-1.042545 -7.520471 87.229128
1578.464
1.00000 -11.939949 60.480684
0.712455 -7.520471 87.253885
1572.244

COMB ULB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
-6.307545 -7.520471 85.575358
1562.902
0.25000 -11.939949 -53.594316
-4.552545 -7.520471 86.389865
1573.793
0.50000 -11.939949 -15.569316
-2.797545 -7.520471 86.941121
1578.980
0.75000 -11.939949 22.455684
-1.042545 -7.520471 87.229128
1578.464
1.00000 -11.939949 60.480684
0.712455 -7.520471 87.253885
1572.244

COMB ULB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
-3.153772 -3.760236 42.787679
1562.871
0.25000 -11.939911 -53.700348
-2.276272 -3.760236 43.194932
1573.778
0.50000 -11.939911 -15.675348
-1.398772 -3.760236 43.470561
1578.982
0.75000 -11.939911 22.349652
-0.521272 -3.760236 43.614564
1578.481
1.00000 -11.939911 60.374652
0.356228 -3.760236 43.626942
1572.277

COMB ULB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
-3.153772 -3.760236 42.787679
1562.871
0.25000 -11.939911 -53.700348
-2.276272 -3.760236 43.194932
1573.778
0.50000 -11.939911 -15.675348
-1.398772 -3.760236 43.470561
1578.982
0.75000 -11.939911 22.349652
-0.521272 -3.760236 43.614564
1578.481
1.00000 -11.939911 60.374652
0.356228 -3.760236 43.626942
1572.277

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 ULB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
-3.153772 -3.760236 42.787679
1562.902
0.25000 -11.939949 -53.594316
-2.276272 -3.760236 43.194932
1573.793
0.50000 -11.939949 -15.569316
-1.398772 -3.760236 43.470561
1578.980
0.75000 -11.939949 22.455684
-0.521272 -3.760236 43.614564
1578.464
1.00000 -11.939949 60.480684
0.356228 -3.760236 43.626942
1572.244

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
-3.153772 -3.760236 42.787679
1562.902
0.25000 -11.939949 -53.594316
-2.276272 -3.760236 43.194932
1573.793
0.50000 -11.939949 -15.569316
-1.398772 -3.760236 43.470561
1578.980
0.75000 -11.939949 22.455684
-0.521272 -3.760236 43.614564
1578.464
1.00000 -11.939949 60.480684
0.356228 -3.760236 43.626942
1572.244

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.39E-08 9.57E-09 7.57E-09
1562.871
0.25000 -11.939911 -53.700348
1.39E-08 9.57E-09 5.48E-09
1573.778
0.50000 -11.939911 -15.675348
1.39E-08 9.57E-09 3.39E-09
1578.982
0.75000 -11.939911 22.349652
1.39E-08 9.57E-09 1.30E-09
1578.481
1.00000 -11.939911 60.374652
1.39E-08 9.57E-09 -7.87E-10
1572.277

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.39E-08 9.57E-09 7.57E-09
1562.871
0.25000 -11.939911 -53.700348
1.39E-08 9.57E-09 5.48E-09
1573.778
0.50000 -11.939911 -15.675348
1.39E-08 9.57E-09 3.39E-09
1578.982
0.75000 -11.939911 22.349652
1.39E-08 9.57E-09 1.30E-09
1578.481
1.00000 -11.939911 60.374652
1.39E-08 9.57E-09 -7.87E-10
1572.277

COMB ULB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871
0.25000 -11.939911 -53.700348
6.50E-15 1.75E-17 -1.88E-13
1573.778
0.50000 -11.939911 -15.675348
1.90E-15 1.75E-17 -1.89E-13
1578.982
0.75000 -11.939911 22.349652
-2.71E-15 1.75E-17 -1.89E-13
1578.481
1.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277

COMB ULB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871
0.25000 -11.939911 -53.700348
6.50E-15 1.75E-17 -1.88E-13
1573.778
0.50000 -11.939911 -15.675348
1.90E-15 1.75E-17 -1.89E-13
1578.982
0.75000 -11.939911 22.349652
-2.71E-15 1.75E-17 -1.89E-13
1578.481
1.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277

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 ULB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
1.39E-08 9.57E-09 7.57E-09
1562.902
0.25000 -11.939949 -53.594316
1.39E-08 9.57E-09 5.48E-09
1573.793
0.50000 -11.939949 -15.569316
1.39E-08 9.57E-09 3.39E-09
1578.980
0.75000 -11.939949 22.455684
1.39E-08 9.57E-09 1.30E-09
1578.464
1.00000 -11.939949 60.480684
1.39E-08 9.57E-09 -7.87E-10
1572.244

COMB ULB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
1.39E-08 9.57E-09 7.57E-09
1562.902
0.25000 -11.939949 -53.594316
1.39E-08 9.57E-09 5.48E-09
1573.793
0.50000 -11.939949 -15.569316
1.39E-08 9.57E-09 3.39E-09
1578.980
0.75000 -11.939949 22.455684
1.39E-08 9.57E-09 1.30E-09
1578.464
1.00000 -11.939949 60.480684
1.39E-08 9.57E-09 -7.87E-10
1572.244

COMB ULB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902
0.25000 -11.939949 -53.594316
6.49E-15 1.74E-17 -1.88E-13
1573.793
0.50000 -11.939949 -15.569316
1.88E-15 1.74E-17 -1.89E-13
1578.980
0.75000 -11.939949 22.455684
-2.72E-15 1.74E-17 -1.89E-13
1578.464
1.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244

COMB ULB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 -91.619316
1.11E-14 1.74E-17 -1.87E-13
1562.902
0.25000 -11.939949 -53.594316
6.49E-15 1.74E-17 -1.88E-13
1573.793
0.50000 -11.939949 -15.569316
1.88E-15 1.74E-17 -1.89E-13
1578.980
0.75000 -11.939949 22.455684
-2.72E-15 1.74E-17 -1.89E-13
1578.464
1.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244

COMB ULB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-6.064947 -7.231222 82.283998
1502.790
0.25000 -11.480720 -51.532996
-4.377447 -7.231222 83.067178
1513.263

0.50000 -11.480720 -14.970496
-2.689947 -7.231222 83.597232
1518.250
0.75000 -11.480720 21.592004
-1.002447 -7.231222 83.874162
1517.754
1.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773

COMB ULB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-6.064947 -7.231222 82.283998
1502.790
0.25000 -11.480720 -51.532996
-4.377447 -7.231222 83.067178
1513.263
0.50000 -11.480720 -14.970496
-2.689947 -7.231222 83.597232
1518.250
0.75000 -11.480720 21.592004
-1.002447 -7.231222 83.874162
1517.754
1.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773

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 ULB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-6.064947 -7.231222 82.283998
1502.790
0.25000 -11.480720 -51.532996
-4.377447 -7.231222 83.067178
1513.263
0.50000 -11.480720 -14.970496
-2.689947 -7.231222 83.597232
1518.250
0.75000 -11.480720 21.592004
-1.002447 -7.231222 83.874162
1517.754
1.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-6.064947 -7.231222 82.283998
1502.790
0.25000 -11.480720 -51.532996
-4.377447 -7.231222 83.067178
1513.263
0.50000 -11.480720 -14.970496
-2.689947 -7.231222 83.597232
1518.250
0.75000 -11.480720 21.592004
-1.002447 -7.231222 83.874162
1517.754
1.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -88.197450
-3.032473 -3.615611 41.141999
1502.761
0.25000 -11.480683 -51.634950
-2.188723 -3.615611 41.533589
1513.248
0.50000 -11.480683 -15.072450
-1.344973 -3.615611 41.798616
1518.251
0.75000 -11.480683 21.490050
-0.501223 -3.615611 41.937081
1517.770
1.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -88.197450
-3.032473 -3.615611 41.141999
1502.761
0.25000 -11.480683 -51.634950
-2.188723 -3.615611 41.533589
1513.248
0.50000 -11.480683 -15.072450
-1.344973 -3.615611 41.798616
1518.251
0.75000 -11.480683 21.490050
-0.501223 -3.615611 41.937081
1517.770
1.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -88.197450
-3.032473 -3.615611 41.141999
1502.761
0.25000 -11.480683 -51.634950
-2.188723 -3.615611 41.533589
1513.248
0.50000 -11.480683 -15.072450
-1.344973 -3.615611 41.798616
1518.251
0.75000 -11.480683 21.490050
-0.501223 -3.615611 41.937081
1517.770
1.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 -88.197450
-3.032473 -3.615611 41.141999
1502.761
0.25000 -11.480683 -51.634950
-2.188723 -3.615611 41.533589
1513.248
0.50000 -11.480683 -15.072450
-1.344973 -3.615611 41.798616
1518.251
0.75000 -11.480683 21.490050
-0.501223 -3.615611 41.937081
1517.770
1.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804

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 ULB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-3.032473 -3.615611 41.141999
1502.790
0.25000 -11.480720 -51.532996
-2.188723 -3.615611 41.533589
1513.263
0.50000 -11.480720 -14.970496
-1.344973 -3.615611 41.798616
1518.250
0.75000 -11.480720 21.592004
-0.501223 -3.615611 41.937081
1517.754
1.00000 -11.480720 58.154504
0.342527 -3.615611 41.948983
1511.773

COMB ULB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-3.032473 -3.615611 41.141999
1502.790
0.25000 -11.480720 -51.532996
-2.188723 -3.615611 41.533589
1513.263
0.50000 -11.480720 -14.970496
-1.344973 -3.615611 41.798616
1518.250
0.75000 -11.480720 21.592004
-0.501223 -3.615611 41.937081
1517.754
1.00000 -11.480720 58.154504
0.342527 -3.615611 41.948983
1511.773

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-3.032473 -3.615611 41.141999
1502.790
0.25000 -11.480720 -51.532996
-2.188723 -3.615611 41.533589
1513.263
0.50000 -11.480720 -14.970496
-1.344973 -3.615611 41.798616
1518.250
0.75000 -11.480720 21.592004
-0.501223 -3.615611 41.937081
1517.754
1.00000 -11.480720 58.154504
0.342527 -3.615611 41.948983
1511.773

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 -88.095496
-3.032473 -3.615611 41.141999
1502.790
0.25000 -11.480720 -51.532996
-2.188723 -3.615611 41.533589
1513.263
0.50000 -11.480720 -14.970496
-1.344973 -3.615611 41.798616
1518.250
0.75000 -11.480720 21.592004
-0.501223 -3.615611 41.937081
1517.754
1.00000 -11.480720 58.154504
0.342527 -3.615611 41.948983
1511.773

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871
0.25000 -11.939911 -53.700348
6.50E-15 1.75E-17 -1.88E-13
1573.778
0.50000 -11.939911 -15.675348
1.90E-15 1.75E-17 -1.89E-13
1578.982
0.75000 -11.939911 22.349652
-2.71E-15 1.75E-17 -1.89E-13
1578.481
1.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871
0.25000 -11.939911 -53.700348
6.50E-15 1.75E-17 -1.88E-13
1573.778
0.50000 -11.939911 -15.675348
1.90E-15 1.75E-17 -1.89E-13
1578.982
0.75000 -11.939911 22.349652
-2.71E-15 1.75E-17 -1.89E-13
1578.481
1.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 -84.571676
-5.822349 -6.941973 78.992638
1442.679
0.25000 -11.021491 -49.471676
-4.202349 -6.941973 79.744491
1452.732
0.50000 -11.021491 -14.371676
-2.582349 -6.941973 80.253343
1457.520
0.75000 -11.021491 20.728324
-0.962349 -6.941973 80.519195
1457.044
1.00000 -11.021491 55.828324
0.657651 -6.941973 80.542048
1451.302

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 -84.571676
-5.822349 -6.941973 78.992638
1442.679
0.25000 -11.021491 -49.471676
-4.202349 -6.941973 79.744491
1452.732
0.50000 -11.021491 -14.371676
-2.582349 -6.941973 80.253343
1457.520
0.75000 -11.021491 20.728324
-0.962349 -6.941973 80.519195
1457.044
1.00000 -11.021491 55.828324
0.657651 -6.941973 80.542048
1451.302

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182
0.25000 -9.184513 -41.401757
5.01E-15 1.35E-17 -1.45E-13
1210.586
0.50000 -9.184513 -12.151757
1.47E-15 1.35E-17 -1.45E-13
1214.602
0.75000 -9.184513 17.098243
-2.07E-15 1.35E-17 -1.45E-13
1214.231
1.00000 -9.184513 46.348243
-5.61E-15 1.35E-17 -1.45E-13
1209.473

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182
0.25000 -9.184513 -41.401757
5.01E-15 1.35E-17 -1.45E-13
1210.586
0.50000 -9.184513 -12.151757
1.47E-15 1.35E-17 -1.45E-13

1214.602
0.75000 -9.184513 17.098243
-2.07E-15 1.35E-17 -1.45E-13
1214.231
1.00000 -9.184513 46.348243
-5.61E-15 1.35E-17 -1.45E-13
1209.473

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-6.307545 -7.520471 85.575358
1202.232
0.25000 -9.184576 -41.226397
-4.552545 -7.520471 86.389865
1210.610
0.50000 -9.184576 -11.976397
-2.797545 -7.520471 86.941121
1214.600
0.75000 -9.184576 17.273603
-1.042545 -7.520471 87.229128
1214.203
1.00000 -9.184576 46.523603
0.712455 -7.520471 87.253885
1209.418

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-6.307545 -7.520471 85.575358
1202.232
0.25000 -9.184576 -41.226397
-4.552545 -7.520471 86.389865
1210.610
0.50000 -9.184576 -11.976397
-2.797545 -7.520471 86.941121
1214.600
0.75000 -9.184576 17.273603
-1.042545 -7.520471 87.229128
1214.203
1.00000 -9.184576 46.523603
0.712455 -7.520471 87.253885
1209.418

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
-3.153772 -3.760236 42.787679
1202.202
0.25000 -9.184538 -41.332429
-2.276272 -3.760236 43.194932
1210.595
0.50000 -9.184538 -12.082429
-1.398772 -3.760236 43.470561
1214.601
0.75000 -9.184538 17.167571
-0.521272 -3.760236 43.614564
1214.220
1.00000 -9.184538 46.417571
0.356228 -3.760236 43.626942
1209.451

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
-3.153772 -3.760236 42.787679
1202.202
0.25000 -9.184538 -41.332429
-2.276272 -3.760236 43.194932
1210.595
0.50000 -9.184538 -12.082429
-1.398772 -3.760236 43.470561
1214.601
0.75000 -9.184538 17.167571
-0.521272 -3.760236 43.614564
1214.220
1.00000 -9.184538 46.417571
0.356228 -3.760236 43.626942
1209.451

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-3.153772 -3.760236 42.787679
1202.232
0.25000 -9.184576 -41.226397
-2.276272 -3.760236 43.194932
1210.610
0.50000 -9.184576 -11.976397
-1.398772 -3.760236 43.470561
1214.600
0.75000 -9.184576 17.273603
-0.521272 -3.760236 43.614564
1214.203
1.00000 -9.184576 46.523603
0.356228 -3.760236 43.626942
1209.418

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
-3.153772 -3.760236 42.787679
1202.232
0.25000 -9.184576 -41.226397
-2.276272 -3.760236 43.194932
1210.610
0.50000 -9.184576 -11.976397
-1.398772 -3.760236 43.470561
1214.600
0.75000 -9.184576 17.273603
-0.521272 -3.760236 43.614564
1214.203
1.00000 -9.184576 46.523603
0.356228 -3.760236 43.626942
1209.418

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
1.39E-08 9.57E-09 7.57E-09
1202.202
0.25000 -9.184538 -41.332429
1.39E-08 9.57E-09 5.48E-09
1210.595
0.50000 -9.184538 -12.082429
1.39E-08 9.57E-09 3.39E-09
1214.601
0.75000 -9.184538 17.167571
1.39E-08 9.57E-09 1.30E-09
1214.220
1.00000 -9.184538 46.417571
1.39E-08 9.57E-09 -7.87E-10
1209.451

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
1.39E-08 9.57E-09 7.57E-09
1202.202
0.25000 -9.184538 -41.332429
1.39E-08 9.57E-09 5.48E-09
1210.595
0.50000 -9.184538 -12.082429
1.39E-08 9.57E-09 3.39E-09
1214.601
0.75000 -9.184538 17.167571
1.39E-08 9.57E-09 1.30E-09
1214.220
1.00000 -9.184538 46.417571
1.39E-08 9.57E-09 -7.87E-10
1209.451

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429
5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13
1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429
5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13
1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
1.39E-08 9.57E-09 7.57E-09
1202.232
0.25000 -9.184576 -41.226397
1.39E-08 9.57E-09 5.48E-09
1210.610
0.50000 -9.184576 -11.976397
1.39E-08 9.57E-09 3.39E-09
1214.600
0.75000 -9.184576 17.273603
1.39E-08 9.57E-09 1.30E-09
1214.203
1.00000 -9.184576 46.523603
1.39E-08 9.57E-09 -7.87E-10
1209.418

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
1.39E-08 9.57E-09 7.57E-09
1202.232
0.25000 -9.184576 -41.226397
1.39E-08 9.57E-09 5.48E-09
1210.610
0.50000 -9.184576 -11.976397
1.39E-08 9.57E-09 3.39E-09
1214.600
0.75000 -9.184576 17.273603
1.39E-08 9.57E-09 1.30E-09
1214.203
1.00000 -9.184576 46.523603
1.39E-08 9.57E-09 -7.87E-10
1209.418

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577
-6.064947 -7.231222 82.283998
1142.121
0.25000 -8.725347 -39.165077
-4.377447 -7.231222 83.067178
1150.080
0.50000 -8.725347 -11.377577
-2.689947 -7.231222 83.597232
1153.870
0.75000 -8.725347 16.409923
-1.002447 -7.231222 83.874162
1153.493
1.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947

COMB UEB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577
-6.064947 -7.231222 82.283998
1142.121
0.25000 -8.725347 -39.165077
-4.377447 -7.231222 83.067178
1150.080
0.50000 -8.725347 -11.377577
-2.689947 -7.231222 83.597232
1153.870
0.75000 -8.725347 16.409923
-1.002447 -7.231222 83.874162
1153.493
1.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947

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 UEB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577

-6.064947 -7.231222 82.283998
1142.121
0.25000 -8.725347 -39.165077
-4.377447 -7.231222 83.067178
1150.080
0.50000 -8.725347 -11.377577
-2.689947 -7.231222 83.597232
1153.870
0.75000 -8.725347 16.409923
-1.002447 -7.231222 83.874162
1153.493
1.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947

COMB UEB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577
-6.064947 -7.231222 82.283998
1142.121
0.25000 -8.725347 -39.165077
-4.377447 -7.231222 83.067178
1150.080
0.50000 -8.725347 -11.377577
-2.689947 -7.231222 83.597232
1153.870
0.75000 -8.725347 16.409923
-1.002447 -7.231222 83.874162
1153.493
1.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947

COMB UEB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091
0.25000 -8.725310 -39.267031
-2.188723 -3.615611 41.533589
1150.065
0.50000 -8.725310 -11.479531
-1.344973 -3.615611 41.798616
1153.871
0.75000 -8.725310 16.307969
-0.501223 -3.615611 41.937081
1153.509
1.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979

COMB UEB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091
0.25000 -8.725310 -39.267031
-2.188723 -3.615611 41.533589
1150.065
0.50000 -8.725310 -11.479531
-1.344973 -3.615611 41.798616
1153.871
0.75000 -8.725310 16.307969
-0.501223 -3.615611 41.937081
1153.509
1.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979

COMB UEB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091
0.25000 -8.725310 -39.267031
-2.188723 -3.615611 41.533589
1150.065
0.50000 -8.725310 -11.479531
-1.344973 -3.615611 41.798616
1153.871
0.75000 -8.725310 16.307969
-0.501223 -3.615611 41.937081
1153.509
1.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979

COMB UEB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 -67.054531
-3.032473 -3.615611 41.141999
1142.091
0.25000 -8.725310 -39.267031
-2.188723 -3.615611 41.533589
1150.065
0.50000 -8.725310 -11.479531
-1.344973 -3.615611 41.798616
1153.871
0.75000 -8.725310 16.307969
-0.501223 -3.615611 41.937081
1153.509
1.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 351

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 UEB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121
0.25000 -8.725347 -39.165077
-2.188723 -3.615611 41.533589
1150.080
0.50000 -8.725347 -11.377577
-1.344973 -3.615611 41.798616
1153.870
0.75000 -8.725347 16.409923
-0.501223 -3.615611 41.937081
1153.493
1.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947

COMB UEB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121
0.25000 -8.725347 -39.165077
-2.188723 -3.615611 41.533589
1150.080
0.50000 -8.725347 -11.377577
-1.344973 -3.615611 41.798616
1153.870
0.75000 -8.725347 16.409923
-0.501223 -3.615611 41.937081
1153.493
1.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947

COMB UEB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121
0.25000 -8.725347 -39.165077
-2.188723 -3.615611 41.533589
1150.080
0.50000 -8.725347 -11.377577
-1.344973 -3.615611 41.798616
1153.870
0.75000 -8.725347 16.409923
-0.501223 -3.615611 41.937081
1153.493
1.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947

COMB UEB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 -66.952577
-3.032473 -3.615611 41.141999
1142.121
0.25000 -8.725347 -39.165077
-2.188723 -3.615611 41.533589
1150.080
0.50000 -8.725347 -11.377577
-1.344973 -3.615611 41.798616
1153.870
0.75000 -8.725347 16.409923
-0.501223 -3.615611 41.937081
1153.493
1.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947

COMB UEB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 352

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 UEB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429
5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13
1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429
5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13
1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 -63.428757
-5.822349 -6.941973 78.992638
1082.009
0.25000 -8.266119 -37.103757
-4.202349 -6.941973 79.744491
1089.549
0.50000 -8.266119 -10.778757
-2.582349 -6.941973 80.253343
1093.140
0.75000 -8.266119 15.546243
-0.962349 -6.941973 80.519195
1092.783
1.00000 -8.266119 41.871243
0.657651 -6.941973 80.542048
1088.476

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 -63.428757
-5.822349 -6.941973 78.992638
1082.009
0.25000 -8.266119 -37.103757
-4.202349 -6.941973 79.744491
1089.549
0.50000 -8.266119 -10.778757
-2.582349 -6.941973 80.253343
1093.140
0.75000 -8.266119 15.546243
-0.962349 -6.941973 80.519195
1092.783
1.00000 -8.266119 41.871243
0.657651 -6.941973 80.542048
1088.476

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209
0.25000 -9.184547 -41.307960
5.00E-15 1.35E-17 -1.45E-13
1210.599
0.50000 -9.184547 -12.057960
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184547 17.192040
-2.08E-15 1.35E-17 -1.45E-13
1214.216
1.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444

COMB SVO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 -70.557960
8.54E-15 1.35E-17 -1.44E-13
1202.209
0.25000 -9.184547 -41.307960
5.00E-15 1.35E-17 -1.45E-13
1210.599
0.50000 -9.184547 -12.057960
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184547 17.192040
-2.08E-15 1.35E-17 -1.45E-13
1214.216
1.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 353

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232

0.25000	-9.184576	-41.226397
4.99E-15	1.34E-17	-1.45E-13
1210.610		
0.50000	-9.184576	-11.976397
1.45E-15	1.34E-17	-1.45E-13
1214.600		
0.75000	-9.184576	17.273603
-2.09E-15	1.34E-17	-1.45E-13
1214.203		
1.00000	-9.184576	46.523603
-5.63E-15	1.34E-17	-1.45E-13
1209.418		

COMB SVO03 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	2773.402
-3.36E-13	-2.06E-15	-2.05E-13
1704.031		
0.25000	-61.809411	2802.652
-3.39E-13	-2.06E-15	-1.55E-13
1285.827		
0.50000	-61.809411	2831.902
-3.43E-13	-2.06E-15	-1.03E-13
863.235215		
0.75000	-61.809411	2861.152
-3.46E-13	-2.06E-15	-5.18E-14
436.256200		
1.00000	-61.809411	2890.402
-3.50E-13	-2.06E-15	4.30E-16
4.889684		

COMB SVO03 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	2773.402
-3.36E-13	-2.06E-15	-2.05E-13
1704.031		
0.25000	-61.809411	2802.652
-3.39E-13	-2.06E-15	-1.55E-13
1285.827		
0.50000	-61.809411	2831.902
-3.43E-13	-2.06E-15	-1.03E-13
863.235215		
0.75000	-61.809411	2861.152
-3.46E-13	-2.06E-15	-5.18E-14
436.256200		
1.00000	-61.809411	2890.402
-3.50E-13	-2.06E-15	4.30E-16
4.889684		

COMB SVO04 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	1643.672
-1.99E-13	-1.23E-15	-1.85E-13
1537.542		
0.25000	-35.602669	1672.922
-2.03E-13	-1.23E-15	-1.55E-13
1288.798		
0.50000	-35.602669	1702.172
-2.06E-13	-1.23E-15	-1.24E-13
1035.666		
0.75000	-35.602669	1731.422
-2.10E-13	-1.23E-15	-9.29E-14
778.146465		
1.00000	-35.602669	1760.672
-2.13E-13	-1.23E-15	-6.11E-14
516.239456		

COMB SVO04 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	1643.672
-1.99E-13	-1.23E-15	-1.85E-13
1537.542		
0.25000	-35.602669	1672.922
-2.03E-13	-1.23E-15	-1.55E-13
1288.798		
0.50000	-35.602669	1702.172
-2.06E-13	-1.23E-15	-1.24E-13
1035.666		
0.75000	-35.602669	1731.422
-2.10E-13	-1.23E-15	-9.29E-14
778.146465		
1.00000	-35.602669	1760.672
-2.13E-13	-1.23E-15	-6.11E-14
516.239456		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 354

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 SVO05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1643.753
-1.99E-13	-1.23E-15	-1.85E-13
1537.566		
0.25000	-35.602698	1673.003
-2.03E-13	-1.23E-15	-1.55E-13
1288.809		
0.50000	-35.602698	1702.253
-2.06E-13	-1.23E-15	-1.24E-13
1035.665		
0.75000	-35.602698	1731.503
-2.10E-13	-1.23E-15	-9.29E-14
778.133323		
1.00000	-35.602698	1760.753
-2.13E-13	-1.23E-15	-6.11E-14
516.214080		

COMB SVO05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1643.753
-1.99E-13	-1.23E-15	-1.85E-13
1537.566		
0.25000	-35.602698	1673.003
-2.03E-13	-1.23E-15	-1.55E-13
1288.809		
0.50000	-35.602698	1702.253
-2.06E-13	-1.23E-15	-1.24E-13
1035.665		
0.75000	-35.602698	1731.503
-2.10E-13	-1.23E-15	-9.29E-14
778.133323		
1.00000	-35.602698	1760.753
-2.13E-13	-1.23E-15	-6.11E-14
516.214080		

COMB SVO06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526357	-70.502866
8.54E-15	1.14E-17	-9.99E-14
833.759726		
0.25000	-24.526357	-41.252866
5.00E-15	1.14E-17	-1.01E-13
842.141406		
0.50000	-24.526357	-12.002866
1.45E-15	1.14E-17	-1.01E-13
846.135586		
0.75000	-24.526357	17.247134
-2.09E-15	1.14E-17	-1.01E-13
845.742266		
1.00000	-24.526357	46.497134
-5.63E-15	1.14E-17	-1.01E-13
840.961446		

COMB SVO06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526357	-70.502866
8.54E-15	1.14E-17	-9.99E-14
833.759726		
0.25000	-24.526357	-41.252866
5.00E-15	1.14E-17	-1.01E-13
842.141406		
0.50000	-24.526357	-12.002866
1.45E-15	1.14E-17	-1.01E-13
846.135586		
0.75000	-24.526357	17.247134
-2.09E-15	1.14E-17	-1.01E-13
845.742266		
1.00000	-24.526357	46.497134
-5.63E-15	1.14E-17	-1.01E-13
840.961446		

COMB SVO07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-70.557960
8.54E-15	1.35E-17	-1.44E-13
1202.209		
0.25000	-9.184547	-41.307960
5.00E-15	1.35E-17	-1.45E-13
1210.599		
0.50000	-9.184547	-12.057960
1.46E-15	1.35E-17	-1.45E-13
1214.601		
0.75000	-9.184547	17.192040
-2.08E-15	1.35E-17	-1.45E-13
1214.216		
1.00000	-9.184547	46.442040
-5.63E-15	1.35E-17	-1.45E-13
1209.444		

COMB SVO07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184547	-70.557960
8.54E-15	1.35E-17	-1.44E-13
1202.209		
0.25000	-9.184547	-41.307960
5.00E-15	1.35E-17	-1.45E-13
1210.599		
0.50000	-9.184547	-12.057960
1.46E-15	1.35E-17	-1.45E-13
1214.601		
0.75000	-9.184547	17.192040
-2.08E-15	1.35E-17	-1.45E-13
1214.216		
1.00000	-9.184547	46.442040
-5.63E-15	1.35E-17	-1.45E-13
1209.444		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 355

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 SVO08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526387	-70.421303
8.53E-15	1.13E-17	-9.99E-14
833.783287		
0.25000	-24.526387	-41.171303
4.99E-15	1.13E-17	-1.01E-13
842.152733		
0.50000	-24.526387	-11.921303
1.44E-15	1.13E-17	-1.01E-13
846.134678		
0.75000	-24.526387	17.328697
-2.10E-15	1.13E-17	-1.01E-13
845.729124		
1.00000	-24.526387	46.578697
-5.64E-15	1.13E-17	-1.01E-13
840.936069		

COMB SVO08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-24.526387	-70.421303
8.53E-15	1.13E-17	-9.99E-14
833.783287		
0.25000	-24.526387	-41.171303
4.99E-15	1.13E-17	-1.01E-13
842.152733		
0.50000	-24.526387	-11.921303
1.44E-15	1.13E-17	-1.01E-13
846.134678		
0.75000	-24.526387	17.328697
-2.10E-15	1.13E-17	-1.01E-13
845.729124		
1.00000	-24.526387	46.578697
-5.64E-15	1.13E-17	-1.01E-13
840.936069		

COMB SVO09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-70.476397
8.53E-15	1.34E-17	-1.44E-13
1202.232		
0.25000	-9.184576	-41.226397
4.99E-15	1.34E-17	-1.45E-13
1210.610		
0.50000	-9.184576	-11.976397
1.45E-15	1.34E-17	-1.45E-13
1214.600		
0.75000	-9.184576	17.273603
-2.09E-15	1.34E-17	-1.45E-13
1214.203		
1.00000	-9.184576	46.523603
-5.63E-15	1.34E-17	-1.45E-13
1209.418		

COMB SVO09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-70.476397
8.53E-15	1.34E-17	-1.44E-13
1202.232		
0.25000	-9.184576	-41.226397
4.99E-15	1.34E-17	-1.45E-13
1210.610		
0.50000	-9.184576	-11.976397
1.45E-15	1.34E-17	-1.45E-13
1214.600		
0.75000	-9.184576	17.273603
-2.09E-15	1.34E-17	-1.45E-13
1214.203		
1.00000	-9.184576	46.523603
-5.63E-15	1.34E-17	-1.45E-13
1209.418		

COMB SVO10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.151222	2773.457
-3.36E-13	-2.06E-15	-1.61E-13
1335.582		
0.25000	-77.151222	2802.707
-3.39E-13	-2.06E-15	-1.11E-13
917.369402		
0.50000	-77.151222	2831.957
-3.43E-13	-2.06E-15	-5.95E-14
494.769622		
0.75000	-77.151222	2861.207
-3.46E-13	-2.06E-15	-7.84E-15
67.782343		
1.00000	-77.151222	2890.457
-3.50E-13	-2.06E-15	4.44E-14
-363.592437		

COMB SVO10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.151222	2773.457
-3.36E-13	-2.06E-15	-1.61E-13
1335.582		
0.25000	-77.151222	2802.707
-3.39E-13	-2.06E-15	-1.11E-13
917.369402		
0.50000	-77.151222	2831.957
-3.43E-13	-2.06E-15	-5.95E-14
494.769622		
0.75000	-77.151222	2861.207
-3.46E-13	-2.06E-15	-7.84E-15
67.782343		
1.00000	-77.151222	2890.457
-3.50E-13	-2.06E-15	4.44E-14
-363.592437		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 356

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 SVO11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	2773.402
-3.36E-13	-2.06E-15	-2.05E-13
1704.031		
0.25000	-61.809411	2802.652
-3.39E-13	-2.06E-15	-1.55E-13
1285.827		
0.50000	-61.809411	2831.902
-3.43E-13	-2.06E-15	-1.03E-13
863.235215		
0.75000	-61.809411	2861.152
-3.46E-13	-2.06E-15	-5.18E-14
436.256200		
1.00000	-61.809411	2890.402
-3.50E-13	-2.06E-15	4.30E-16
4.889684		

COMB SVO11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-61.809411	2773.402
-3.36E-13	-2.06E-15	-2.05E-13
1704.031		
0.25000	-61.809411	2802.652
-3.39E-13	-2.06E-15	-1.55E-13
1285.827		
0.50000	-61.809411	2831.902
-3.43E-13	-2.06E-15	-1.03E-13
863.235215		
0.75000	-61.809411	2861.152
-3.46E-13	-2.06E-15	-5.18E-14
436.256200		
1.00000	-61.809411	2890.402
-3.50E-13	-2.06E-15	4.30E-16
4.889684		

COMB SVO12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944479	1643.727
-1.99E-13	-1.24E-15	-1.41E-13
1169.093		
0.25000	-50.944479	1672.977
-2.03E-13	-1.24E-15	-1.11E-13

920.340654

0.50000	-50.944479	1702.227
-2.06E-13	-1.24E-15	-8.01E-14
667.200381		
0.75000	-50.944479	1731.477
-2.10E-13	-1.24E-15	-4.89E-14
409.672608		
1.00000	-50.944479	1760.727
-2.13E-13	-1.24E-15	-1.72E-14
147.757335		

COMB SVO12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944479	1643.727
-1.99E-13	-1.24E-15	-1.41E-13
1169.093		
0.25000	-50.944479	1672.977
-2.03E-13	-1.24E-15	-1.11E-13
920.340654		
0.50000	-50.944479	1702.227
-2.06E-13	-1.24E-15	-8.01E-14
667.200381		
0.75000	-50.944479	1731.477
-2.10E-13	-1.24E-15	-4.89E-14
409.672608		
1.00000	-50.944479	1760.727
-2.13E-13	-1.24E-15	-1.72E-14
147.757335		

COMB SVO13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	1643.672
-1.99E-13	-1.23E-15	-1.85E-13
1537.542		
0.25000	-35.602669	1672.922
-2.03E-13	-1.23E-15	-1.55E-13
1288.798		
0.50000	-35.602669	1702.172
-2.06E-13	-1.23E-15	-1.24E-13
1035.666		
0.75000	-35.602669	1731.422
-2.10E-13	-1.23E-15	-9.29E-14
778.146465		
1.00000	-35.602669	1760.672
-2.13E-13	-1.23E-15	-6.11E-14
516.239456		

COMB SVO13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602669	1643.672
-1.99E-13	-1.23E-15	-1.85E-13
1537.542		
0.25000	-35.602669	1672.922
-2.03E-13	-1.23E-15	-1.55E-13
1288.798		
0.50000	-35.602669	1702.172
-2.06E-13	-1.23E-15	-1.24E-13
1035.666		
0.75000	-35.602669	1731.422
-2.10E-13	-1.23E-15	-9.29E-14
778.146465		
1.00000	-35.602669	1760.672
-2.13E-13	-1.23E-15	-6.11E-14
516.239456		

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 SVO14 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944509	1643.808
-1.99E-13	-1.24E-15	-1.41E-13
1169.117		
0.25000	-50.944509	1673.058
-2.03E-13	-1.24E-15	-1.11E-13
920.351981		
0.50000	-50.944509	1702.308
-2.06E-13	-1.24E-15	-8.01E-14
667.199473		
0.75000	-50.944509	1731.558
-2.10E-13	-1.24E-15	-4.89E-14
409.659466		
1.00000	-50.944509	1760.808
-2.13E-13	-1.24E-15	-1.72E-14
147.731958		

COMB SVO14 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-50.944509	1643.808
-1.99E-13	-1.24E-15	-1.41E-13
1169.117		
0.25000	-50.944509	1673.058
-2.03E-13	-1.24E-15	-1.11E-13
920.351981		
0.50000	-50.944509	1702.308
-2.06E-13	-1.24E-15	-8.01E-14
667.199473		
0.75000	-50.944509	1731.558
-2.10E-13	-1.24E-15	-4.89E-14
409.659466		
1.00000	-50.944509	1760.808
-2.13E-13	-1.24E-15	-1.72E-14
147.731958		

COMB SVO15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1643.753
-1.99E-13	-1.23E-15	-1.85E-13
1537.566		
0.25000	-35.602698	1673.003
-2.03E-13	-1.23E-15	-1.55E-13
1288.809		
0.50000	-35.602698	1702.253
-2.06E-13	-1.23E-15	-1.24E-13
1035.665		
0.75000	-35.602698	1731.503
-2.10E-13	-1.23E-15	-9.29E-14
778.133323		
1.00000	-35.602698	1760.753
-2.13E-13	-1.23E-15	-6.11E-14
516.214080		

COMB SVO15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-35.602698	1643.753
-1.99E-13	-1.23E-15	-1.85E-13
1537.566		
0.25000	-35.602698	1673.003
-2.03E-13	-1.23E-15	-1.55E-13
1288.809		
0.50000	-35.602698	1702.253
-2.06E-13	-1.23E-15	-1.24E-13
1035.665		
0.75000	-35.602698	1731.503
-2.10E-13	-1.23E-15	-9.29E-14
778.133323		
1.00000	-35.602698	1760.753
-2.13E-13	-1.23E-15	-6.11E-14
516.214080		

COMB ULO01 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	-91.794676
1.11E-14	1.76E-17	-1.87E-13
1562.851		
0.25000	-11.939886	-53.769676
6.51E-15	1.76E-17	-1.88E-13
1573.769		
0.50000	-11.939886	-15.744676
1.91E-15	1.76E-17	-1.89E-13
1578.982		
0.75000	-11.939886	22.280324
-2.70E-15	1.76E-17	-1.89E-13
1578.492		
1.00000	-11.939886	60.305324
-7.30E-15	1.76E-17	-1.88E-13
1572.298		

COMB ULO01 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	-91.794676
1.11E-14	1.76E-17	-1.87E-13
1562.851		
0.25000	-11.939886	-53.769676
6.51E-15	1.76E-17	-1.88E-13
1573.769		
0.50000	-11.939886	-15.744676
1.91E-15	1.76E-17	-1.89E-13
1578.982		
0.75000	-11.939886	22.280324
-2.70E-15	1.76E-17	-1.89E-13
1578.492		
1.00000	-11.939886	60.305324
-7.30E-15	1.76E-17	-1.88E-13
1572.298		

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 ULO02 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-91.619316
1.11E-14	1.74E-17	-1.87E-13
1562.902		
0.25000	-11.939949	-53.594316
6.49E-15	1.74E-17	-1.88E-13
1573.793		
0.50000	-11.939949	-15.569316
1.88E-15	1.74E-17	-1.89E-13
1578.980		
0.75000	-11.939949	22.455684
-2.72E-15	1.74E-17	-1.89E-13
1578.464		
1.00000	-11.939949	60.480684
-7.33E-15	1.74E-17	-1.88E-13
1572.244		

COMB ULO02 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-91.619316
1.11E-14	1.74E-17	-1.87E-13
1562.902		
0.25000	-11.939949	-53.594316
6.49E-15	1.74E-17	-1.88E-13
1573.793		
0.50000	-11.939949	-15.569316
1.88E-15	1.74E-17	-1.89E-13
1578.980		
0.75000	-11.939949	22.455684
-2.72E-15	1.74E-17	-1.89E-13
1578.464		
1.00000	-11.939949	60.480684
-7.33E-15	1.74E-17	-1.88E-13
1572.244		

COMB ULO03 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-80.352235	3605.422
-4.37E-13	-2.67E-15	-2.67E-13
2215.240		
0.25000	-80.352235	3643.447
-4.41E-13	-2.67E-15	-2.01E-13
1671.575		
0.50000	-80.352235	3681.472
-4.46E-13	-2.67E-15	-1.35E-13
1122.206		
0.75000	-80.352235	3719.497
-4.50E-13	-2.67E-15	-6.73E-14
567.133060		
1.00000	-80.352235	3757.522
-4.55E-13	-2.67E-15	5.58E-16
6.356590		

COMB ULO03 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-80.352235	3605.422
-4.37E-13	-2.67E-15	-2.67E-13
2215.240		
0.25000	-80.352235	3643.447
-4.41E-13	-2.67E-15	-2.01E-13
1671.575		
0.50000	-80.352235	3681.472
-4.46E-13	-2.67E-15	-1.35E-13
1122.206		
0.75000	-80.352235	3719.497
-4.50E-13	-2.67E-15	-6.73E-14
567.133060		
1.00000	-80.352235	3757.522
-4.55E-13	-2.67E-15	5.58E-16
6.356590		

COMB ULO04 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283469	2136.773
-2.59E-13	-1.60E-15	-2.40E-13
1998.805		
0.25000	-46.283469	2174.798
-2.63E-13	-1.60E-15	-2.01E-13
1675.437		
0.50000	-46.283469	2212.823
-2.68E-13	-1.60E-15	-1.61E-13
1346.366		
0.75000	-46.283469	2250.848
-2.73E-13	-1.60E-15	-1.21E-13
1011.590		
1.00000	-46.283469	2288.873
-2.77E-13	-1.60E-15	-7.95E-14
671.111293		

COMB ULO04 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283469	2136.773
-2.59E-13	-1.60E-15	-2.40E-13
1998.805		
0.25000	-46.283469	2174.798
-2.63E-13	-1.60E-15	-2.01E-13
1675.437		
0.50000	-46.283469	2212.823
-2.68E-13	-1.60E-15	-1.61E-13
1346.366		
0.75000	-46.283469	2250.848
-2.73E-13	-1.60E-15	-1.21E-13
1011.590		
1.00000	-46.283469	2288.873
-2.77E-13	-1.60E-15	-7.95E-14
671.111293		

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 ULO05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283508	2136.879
-2.59E-13	-1.60E-15	-2.40E-13
1998.836		
0.25000	-46.283508	2174.904
-2.63E-13	-1.60E-15	-2.01E-13
1675.452		
0.50000	-46.283508	2212.929
-2.68E-13	-1.60E-15	-1.61E-13
1346.365		
0.75000	-46.283508	2250.954
-2.73E-13	-1.60E-15	-1.21E-13
1011.573		
1.00000	-46.283508	2288.979
-2.77E-13	-1.60E-15	-7.95E-14
671.078304		

COMB ULO05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283508	2136.879
-2.59E-13	-1.60E-15	-2.40E-13
1998.836		
0.25000	-46.283508	2174.904
-2.63E-13	-1.60E-15	-2.01E-13
1675.452		
0.50000	-46.283508	2212.929
-2.68E-13	-1.60E-15	-1.61E-13
1346.365		
0.75000	-46.283508	2250.954
-2.73E-13	-1.60E-15	-1.21E-13
1011.573		
1.00000	-46.283508	2288.979
-2.77E-13	-1.60E-15	-7.95E-14
671.078304		

COMB ULO06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884265	-91.653726
1.11E-14	1.48E-17	-1.30E-13
1083.888		
0.25000	-31.884265	-53.628726
6.49E-15	1.48E-17	-1.31E-13
1094.784		
0.50000	-31.884265	-15.603726
1.89E-15	1.48E-17	-1.32E-13
1099.976		
0.75000	-31.884265	22.421274
-2.72E-15	1.48E-17	-1.32E-13
1099.465		
1.00000	-31.884265	60.446274
-7.32E-15	1.48E-17	-1.31E-13
1093.250		

COMB ULO06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884265	-91.653726
1.11E-14	1.48E-17	-1.30E-13
1083.888		
0.25000	-31.884265	-53.628726
6.49E-15	1.48E-17	-1.31E-13
1094.784		
0.50000	-31.884265	-15.603726

1.89E-15	1.48E-17	-1.32E-13	
1099.976			
0.75000	-31.884265	22.421274	
-2.72E-15	1.48E-17	-1.32E-13	
1099.465			
1.00000	-31.884265	60.446274	
-7.32E-15	1.48E-17	-1.31E-13	
1093.250			

COMB ULO07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-91.725348
1.11E-14	1.75E-17	-1.87E-13
1562.871		
0.25000	-11.939911	-53.700348
6.50E-15	1.75E-17	-1.88E-13
1573.778		
0.50000	-11.939911	-15.675348
1.90E-15	1.75E-17	-1.89E-13
1578.982		
0.75000	-11.939911	22.349652
-2.71E-15	1.75E-17	-1.89E-13
1578.481		
1.00000	-11.939911	60.374652
-7.31E-15	1.75E-17	-1.88E-13
1572.277		

COMB ULO07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	-91.725348
1.11E-14	1.75E-17	-1.87E-13
1562.871		
0.25000	-11.939911	-53.700348
6.50E-15	1.75E-17	-1.88E-13
1573.778		
0.50000	-11.939911	-15.675348
1.90E-15	1.75E-17	-1.89E-13
1578.982		
0.75000	-11.939911	22.349652
-2.71E-15	1.75E-17	-1.89E-13
1578.481		
1.00000	-11.939911	60.374652
-7.31E-15	1.75E-17	-1.88E-13
1572.277		

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 ULO08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	-91.547694
1.11E-14	1.48E-17	-1.30E-13
1083.918		
0.25000	-31.884303	-53.522694
6.48E-15	1.48E-17	-1.31E-13
1094.799		
0.50000	-31.884303	-15.497694
1.88E-15	1.48E-17	-1.32E-13
1099.975		
0.75000	-31.884303	22.527306
-2.73E-15	1.48E-17	-1.32E-13
1099.448		
1.00000	-31.884303	60.552306
-7.33E-15	1.48E-17	-1.31E-13
1093.217		

COMB ULO08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	-91.547694
1.11E-14	1.48E-17	-1.30E-13
1083.918		
0.25000	-31.884303	-53.522694
6.48E-15	1.48E-17	-1.31E-13
1094.799		
0.50000	-31.884303	-15.497694
1.88E-15	1.48E-17	-1.32E-13
1099.975		
0.75000	-31.884303	22.527306
-2.73E-15	1.48E-17	-1.32E-13
1099.448		
1.00000	-31.884303	60.552306
-7.33E-15	1.48E-17	-1.31E-13
1093.217		

COMB ULO09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-91.619316
1.11E-14	1.74E-17	-1.87E-13
1562.902		
0.25000	-11.939949	-53.594316
6.49E-15	1.74E-17	-1.88E-13
1573.793		
0.50000	-11.939949	-15.569316
1.88E-15	1.74E-17	-1.89E-13
1578.980		
0.75000	-11.939949	22.455684
-2.72E-15	1.74E-17	-1.89E-13
1578.464		
1.00000	-11.939949	60.480684
-7.33E-15	1.74E-17	-1.88E-13
1572.244		

COMB ULO09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	-91.619316
1.11E-14	1.74E-17	-1.87E-13
1562.902		
0.25000	-11.939949	-53.594316
6.49E-15	1.74E-17	-1.88E-13
1573.793		
0.50000	-11.939949	-15.569316
1.88E-15	1.74E-17	-1.89E-13
1578.980		
0.75000	-11.939949	22.455684
-2.72E-15	1.74E-17	-1.89E-13
1578.464		
1.00000	-11.939949	60.480684
-7.33E-15	1.74E-17	-1.88E-13
1572.244		

COMB ULO10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-96.439028	3466.821
-4.20E-13	-2.57E-15	-2.02E-13
1669.477		
0.25000	-96.439028	3503.384
-4.24E-13	-2.57E-15	-1.38E-13
1146.712		
0.50000	-96.439028	3539.946
-4.29E-13	-2.57E-15	-7.44E-14
618.462028		
0.75000	-96.439028	3576.509
-4.33E-13	-2.57E-15	-9.80E-15
84.727928		
1.00000	-96.439028	3613.071
-4.37E-13	-2.57E-15	5.55E-14
-454.490546		

COMB ULO10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-96.439028	3466.821
-4.20E-13	-2.57E-15	-2.02E-13
1669.477		
0.25000	-96.439028	3503.384
-4.24E-13	-2.57E-15	-1.38E-13
1146.712		
0.50000	-96.439028	3539.946
-4.29E-13	-2.57E-15	-7.44E-14
618.462028		
0.75000	-96.439028	3576.509
-4.33E-13	-2.57E-15	-9.80E-15
84.727928		
1.00000	-96.439028	3613.071
-4.37E-13	-2.57E-15	5.55E-14
-454.490546		

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 ULO11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.261764	3466.752
-4.20E-13	-2.57E-15	-2.57E-13
2130.038		
0.25000	-77.261764	3503.315
-4.24E-13	-2.57E-15	-1.93E-13
1607.283		
0.50000	-77.261764	3539.877
-4.29E-13	-2.57E-15	-1.29E-13
1079.044		
0.75000	-77.261764	3576.440
-4.33E-13	-2.57E-15	-6.47E-14
545.320250		
1.00000	-77.261764	3613.002
-4.37E-13	-2.57E-15	5.37E-16
6.112105		

COMB ULO11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.261764	3466.752
-4.20E-13	-2.57E-15	-2.57E-13
2130.038		
0.25000	-77.261764	3503.315
-4.24E-13	-2.57E-15	-1.93E-13
1607.283		
0.50000	-77.261764	3539.877
-4.29E-13	-2.57E-15	-1.29E-13
1079.044		
0.75000	-77.261764	3576.440
-4.33E-13	-2.57E-15	-6.47E-14
545.320250		
1.00000	-77.261764	3613.002
-4.37E-13	-2.57E-15	5.37E-16
6.112105		

COMB ULO12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680599	2054.659
-2.49E-13	-1.54E-15	-1.76E-13
1461.367		
0.25000	-63.680599	2091.221
-2.53E-13	-1.54E-15	-1.38E-13
1150.426		
0.50000	-63.680599	2127.784
-2.58E-13	-1.54E-15	-1.00E-13
834.000476		
0.75000	-63.680599	2164.346
-2.62E-13	-1.54E-15	-6.11E-14
512.090760		
1.00000	-63.680599	2200.909
-2.66E-13	-1.54E-15	-2.15E-14
184.696669		

COMB ULO12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680599	2054.659
-2.49E-13	-1.54E-15	-1.76E-13
1461.367		
0.25000	-63.680599	2091.221
-2.53E-13	-1.54E-15	-1.38E-13
1150.426		
0.50000	-63.680599	2127.784
-2.58E-13	-1.54E-15	-1.00E-13
834.000476		
0.75000	-63.680599	2164.346
-2.62E-13	-1.54E-15	-6.11E-14
512.090760		
1.00000	-63.680599	2200.909
-2.66E-13	-1.54E-15	-2.15E-14
184.696669		

COMB ULO13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503336	2054.590
-2.49E-13	-1.54E-15	-2.31E-13
1921.928		
0.25000	-44.503336	2091.152
-2.53E-13	-1.54E-15	-1.93E-13
1610.997		
0.50000	-44.503336	2127.715
-2.58E-13	-1.54E-15	-1.55E-13
1294.582		
0.75000	-44.503336	2164.277
-2.62E-13	-1.54E-15	-1.16E-13
972.683082		
1.00000	-44.503336	2200.840
-2.66E-13	-1.54E-15	-7.64E-14
645.299320		

COMB ULO13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503336	2054.590
-2.49E-13	-1.54E-15	-2.31E-13
1921.928		
0.25000	-44.503336	2091.152
-2.53E-13	-1.54E-15	-1.93E-13
1610.997		
0.50000	-44.503336	2127.715
-2.58E-13	-1.54E-15	-1.55E-13
1294.582		
0.75000	-44.503336	2164.277
-2.62E-13	-1.54E-15	-1.16E-13
972.683082		
1.00000	-44.503336	2200.840
-2.66E-13	-1.54E-15	-7.64E-14
645.299320		

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 ULO14 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680636	2054.760
-2.49E-13	-1.54E-15	-1.76E-13
1461.396		
0.25000	-63.680636	2091.323
-2.53E-13	-1.54E-15	-1.38E-13
1150.440		
0.50000	-63.680636	2127.885
-2.58E-13	-1.54E-15	-1.00E-13
833.999342		
0.75000	-63.680636	2164.448
-2.62E-13	-1.54E-15	-6.11E-14
512.074332		
1.00000	-63.680636	2201.010
-2.66E-13	-1.54E-15	-2.15E-14
184.664948		

COMB ULO14 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680636	2054.760
-2.49E-13	-1.54E-15	-1.76E-13
1461.396		
0.25000	-63.680636	2091.323
-2.53E-13	-1.54E-15	-1.38E-13
1150.440		
0.50000	-63.680636	2127.885
-2.58E-13	-1.54E-15	-1.00E-13
833.999342		
0.75000	-63.680636	2164.448
-2.62E-13	-1.54E-15	-6.11E-14
512.074332		
1.00000	-63.680636	2201.010
-2.66E-13	-1.54E-15	-2.15E-14
184.664948		

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503373	2054.692
-2.49E-13	-1.54E-15	-2.31E-13
1921.958		
0.25000	-44.503373	2091.254
-2.53E-13	-1.54E-15	-1.93E-13
1611.012		
0.50000	-44.503373	2127.817
-2.58E-13	-1.54E-15	-1.55E-13
1294.581		
0.75000	-44.503373	2164.379
-2.62E-13	-1.54E-15	-1.16E-13
972.666654		
1.00000	-44.503373	2200.942
-2.66E-13	-1.54E-15	-7.64E-14
645.267600		

COMB ULO15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503373	2054.692
-2.49E-13	-1.54E-15	-2.31E-13
1921.958		
0.25000	-44.503373	2091.254
-2.53E-13	-1.54E-15	-1.93E-13
1611.012		
0.50000	-44.503373	2127.817
-2.58E-13	-1.54E-15	-1.55E-13
1294.581		
0.75000	-44.503373	2164.379
-2.62E-13	-1.54E-15	-1.16E-13
972.666654		
1.00000	-44.503373	2200.942
-2.66E-13	-1.54E-15	-7.64E-14
645.267600		

COMB ULO16 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	-70.476397
8.53E-15	1.34E-17	-1.44E-13
1202.232		
0.25000	-9.184576	-41.226397
4.99E-15	1.34E-17	-1.45E-13
1210.610		
0.50000	-9.184576	-11.976397
1.45E-15	1.34E-17	-1.45E-13
1214.600		

0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB ULO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

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 ULO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871
0.25000 -11.939911 -53.700348
6.50E-15 1.75E-17 -1.88E-13
1573.778
0.50000 -11.939911 -15.675348
1.90E-15 1.75E-17 -1.89E-13
1578.982
0.75000 -11.939911 22.349652
-2.71E-15 1.75E-17 -1.89E-13
1578.481
1.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277

COMB ULO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 -91.725348
1.11E-14 1.75E-17 -1.87E-13
1562.871
0.25000 -11.939911 -53.700348
6.50E-15 1.75E-17 -1.88E-13
1573.778
0.50000 -11.939911 -15.675348
1.90E-15 1.75E-17 -1.89E-13
1578.982
0.75000 -11.939911 22.349652
-2.71E-15 1.75E-17 -1.89E-13
1578.481
1.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277

COMB ULO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.171294 3328.082
-4.03E-13 -2.47E-15 -2.46E-13
2044.837
0.25000 -74.171294 3363.182
-4.07E-13 -2.47E-15 -1.86E-13
1542.992
0.50000 -74.171294 3398.282
-4.11E-13 -2.47E-15 -1.24E-13
1035.882
0.75000 -74.171294 3433.382
-4.16E-13 -2.47E-15 -6.22E-14
523.507440
1.00000 -74.171294 3468.482
-4.20E-13 -2.47E-15 5.15E-16
5.867621

COMB ULO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.171294 3328.082
-4.03E-13 -2.47E-15 -2.46E-13
2044.837
0.25000 -74.171294 3363.182
-4.07E-13 -2.47E-15 -1.86E-13
1542.992
0.50000 -74.171294 3398.282
-4.11E-13 -2.47E-15 -1.24E-13
1035.882
0.75000 -74.171294 3433.382
-4.16E-13 -2.47E-15 -6.22E-14
523.507440
1.00000 -74.171294 3468.482
-4.20E-13 -2.47E-15 5.15E-16
5.867621

COMB UEO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182
0.25000 -9.184513 -41.401757
5.01E-15 1.35E-17 -1.45E-13
1210.586
0.50000 -9.184513 -12.151757
1.47E-15 1.35E-17 -1.45E-13
1214.602
0.75000 -9.184513 17.098243
-2.07E-15 1.35E-17 -1.45E-13
1214.231
1.00000 -9.184513 46.348243
-5.61E-15 1.35E-17 -1.45E-13
1209.473

COMB UEO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -70.651757
8.56E-15 1.35E-17 -1.44E-13
1202.182
0.25000 -9.184513 -41.401757
5.01E-15 1.35E-17 -1.45E-13
1210.586
0.50000 -9.184513 -12.151757
1.47E-15 1.35E-17 -1.45E-13
1214.602
0.75000 -9.184513 17.098243
-2.07E-15 1.35E-17 -1.45E-13
1214.231
1.00000 -9.184513 46.348243
-5.61E-15 1.35E-17 -1.45E-13
1209.473

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 UEO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.596862 3626.565
-4.39E-13 -2.68E-15 -2.24E-13
1854.570
0.25000 -77.596862 3655.815
-4.43E-13 -2.68E-15 -1.58E-13
1308.392
0.50000 -77.596862 3685.065
-4.46E-13 -2.68E-15 -9.09E-14
757.825699
0.75000 -77.596862 3714.315
-4.50E-13 -2.68E-15 -2.38E-14
202.872166
1.00000 -77.596862 3743.565
-4.53E-13 -2.68E-15 4.40E-14
-356.468867

COMB UEO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.596862 3626.565
-4.39E-13 -2.68E-15 -2.24E-13
1854.570
0.25000 -77.596862 3655.815
-4.43E-13 -2.68E-15 -1.58E-13
1308.392
0.50000 -77.596862 3685.065
-4.46E-13 -2.68E-15 -9.09E-14
757.825699
0.75000 -77.596862 3714.315
-4.50E-13 -2.68E-15 -2.38E-14
202.872166
1.00000 -77.596862 3743.565
-4.53E-13 -2.68E-15 4.40E-14
-356.468867

COMB UEO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -43.528096 2157.916
-2.61E-13 -1.61E-15 -1.97E-13
1638.136
0.25000 -43.528096 2187.166
-2.65E-13 -1.61E-15 -1.58E-13
1312.254
0.50000 -43.528096 2216.416
-2.68E-13 -1.61E-15 -1.18E-13
981.985685
0.75000 -43.528096 2245.666
-2.72E-13 -1.61E-15 -7.71E-14
647.329511
1.00000 -43.528096 2274.916
-2.75E-13 -1.61E-15 -3.61E-14
308.285836

COMB UEO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -43.528096 2157.916
-2.61E-13 -1.61E-15 -1.97E-13
1638.136
0.25000 -43.528096 2187.166
-2.65E-13 -1.61E-15 -1.58E-13
1312.254
0.50000 -43.528096 2216.416
-2.68E-13 -1.61E-15 -1.18E-13
981.985685
0.75000 -43.528096 2245.666
-2.72E-13 -1.61E-15 -7.71E-14
647.329511
1.00000 -43.528096 2274.916
-2.75E-13 -1.61E-15 -3.61E-14
308.285836

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 UEO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -43.528135 2158.022
-2.61E-13 -1.61E-15 -1.97E-13
1638.166
0.25000 -43.528135 2187.272
-2.65E-13 -1.61E-15 -1.58E-13
1312.269
0.50000 -43.528135 2216.522
-2.68E-13 -1.61E-15 -1.18E-13
981.984505
0.75000 -43.528135 2245.772
-2.72E-13 -1.61E-15 -7.71E-14
647.312426
1.00000 -43.528135 2275.022
-2.75E-13 -1.61E-15 -3.61E-14
308.252847

COMB UEO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -43.528135 2158.022
-2.61E-13 -1.61E-15 -1.97E-13
1638.166
0.25000 -43.528135 2187.272
-2.65E-13 -1.61E-15 -1.58E-13
1312.269
0.50000 -43.528135 2216.522
-2.68E-13 -1.61E-15 -1.18E-13
981.984505
0.75000 -43.528135 2245.772
-2.72E-13 -1.61E-15 -7.71E-14
647.312426
1.00000 -43.528135 2275.022
-2.75E-13 -1.61E-15 -3.61E-14
308.252847

COMB UEO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -29.128892 -70.510807
8.54E-15 1.08E-17 -8.67E-14
723.217938
0.25000 -29.128892 -41.260807
5.00E-15 1.08E-17 -8.77E-14
731.600809
0.50000 -29.128892 -12.010807
1.45E-15 1.08E-17 -8.82E-14
735.596180
0.75000 -29.128892 17.239193
-2.09E-15 1.08E-17 -8.81E-14
735.204051
1.00000 -29.128892 46.489193
-5.63E-15 1.08E-17 -8.76E-14
730.424422

COMB UEO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -29.128892 -70.510807
8.54E-15 1.08E-17 -8.67E-14
723.217938
0.25000 -29.128892 -41.260807
5.00E-15 1.08E-17 -8.77E-14
731.600809
0.50000 -29.128892 -12.010807
1.45E-15 1.08E-17 -8.82E-14
735.596180
0.75000 -29.128892 17.239193
-2.09E-15 1.08E-17 -8.81E-14
735.204051
1.00000 -29.128892 46.489193
-5.63E-15 1.08E-17 -8.76E-14
730.424422

COMB UEO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429
5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13
1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

COMB UEO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429
5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13

1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

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 UEO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -29.128930 -70.404775
8.53E-15 1.07E-17 -8.67E-14
723.248568
0.25000 -29.128930 -41.154775
4.98E-15 1.07E-17 -8.77E-14
731.615534
0.50000 -29.128930 -11.904775
1.44E-15 1.07E-17 -8.82E-14
735.595000
0.75000 -29.128930 17.345225
-2.10E-15 1.07E-17 -8.81E-14
735.186966
1.00000 -29.128930 46.595225
-5.64E-15 1.07E-17 -8.76E-14
730.391433

COMB UEO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -29.128930 -70.404775
8.53E-15 1.07E-17 -8.67E-14
723.248568
0.25000 -29.128930 -41.154775
4.98E-15 1.07E-17 -8.77E-14
731.615534
0.50000 -29.128930 -11.904775
1.44E-15 1.07E-17 -8.82E-14
735.595000
0.75000 -29.128930 17.345225
-2.10E-15 1.07E-17 -8.81E-14
735.186966
1.00000 -29.128930 46.595225
-5.64E-15 1.07E-17 -8.76E-14
730.391433

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 3487.964
-4.22E-13 -2.58E-15 -1.59E-13
1308.807
0.25000 -93.683655 3515.751
-4.26E-13 -2.58E-15 -9.49E-14
783.528733
0.50000 -93.683655 3543.539
-4.29E-13 -2.58E-15 -3.08E-14
254.081946
0.75000 -93.683655 3571.326
-4.32E-13 -2.58E-15 3.38E-14
-279.532966
1.00000 -93.683655 3599.114
-4.36E-13 -2.58E-15 9.89E-14
-817.316003

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 3487.964
-4.22E-13 -2.58E-15 -1.59E-13
1308.807
0.25000 -93.683655 3515.751
-4.26E-13 -2.58E-15 -9.49E-14
783.528733
0.50000 -93.683655 3543.539
-4.29E-13 -2.58E-15 -3.08E-14
254.081946
0.75000 -93.683655 3571.326
-4.32E-13 -2.58E-15 3.38E-14
-279.532966
1.00000 -93.683655 3599.114
-4.36E-13 -2.58E-15 9.89E-14
-817.316003

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3487.895
-4.22E-13 -2.57E-15 -2.13E-13
1769.369
0.25000 -74.506391 3515.683
-4.26E-13 -2.57E-15 -1.50E-13
1244.100
0.50000 -74.506391 3543.470
-4.29E-13 -2.57E-15 -8.58E-14
714.663938
0.75000 -74.506391 3571.258
-4.32E-13 -2.57E-15 -2.12E-14
181.059356
1.00000 -74.506391 3599.045
-4.36E-13 -2.57E-15 4.39E-14
-356.713352

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3487.895
-4.22E-13 -2.57E-15 -2.13E-13
1769.369
0.25000 -74.506391 3515.683
-4.26E-13 -2.57E-15 -1.50E-13
1244.100
0.50000 -74.506391 3543.470
-4.29E-13 -2.57E-15 -8.58E-14
714.663938
0.75000 -74.506391 3571.258
-4.32E-13 -2.57E-15 -2.12E-14
181.059356
1.00000 -74.506391 3599.045
-4.36E-13 -2.57E-15 4.39E-14
-356.713352

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2075.801
-2.51E-13 -1.55E-15 -1.33E-13
1100.697
0.25000 -60.925227 2103.589
-2.55E-13 -1.55E-15 -9.50E-14
787.242799
0.50000 -60.925227 2131.376
-2.58E-13 -1.55E-15 -5.65E-14
469.620395
0.75000 -60.925227 2159.164
-2.61E-13 -1.55E-15 -1.75E-14
147.829866
1.00000 -60.925227 2186.951
-2.65E-13 -1.55E-15 2.19E-14
-178.128788

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2075.801
-2.51E-13 -1.55E-15 -1.33E-13
1100.697
0.25000 -60.925227 2103.589
-2.55E-13 -1.55E-15 -9.50E-14
787.242799
0.50000 -60.925227 2131.376
-2.58E-13 -1.55E-15 -5.65E-14
469.620395
0.75000 -60.925227 2159.164
-2.61E-13 -1.55E-15 -1.75E-14
147.829866
1.00000 -60.925227 2186.951
-2.65E-13 -1.55E-15 2.19E-14
-178.128788

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2075.733
-2.51E-13 -1.55E-15 -1.88E-13
1561.258
0.25000 -41.747963 2103.520
-2.55E-13 -1.55E-15 -1.50E-13
1247.814
0.50000 -41.747963 2131.308
-2.58E-13 -1.55E-15 -1.11E-13
930.202386
0.75000 -41.747963 2159.095
-2.61E-13 -1.55E-15 -7.25E-14
608.422187
1.00000 -41.747963 2186.883
-2.65E-13 -1.55E-15 -3.30E-14
282.473863

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2075.733
-2.51E-13 -1.55E-15 -1.88E-13
1561.258
0.25000 -41.747963 2103.520
-2.55E-13 -1.55E-15 -1.50E-13
1247.814
0.50000 -41.747963 2131.308
-2.58E-13 -1.55E-15 -1.11E-13
930.202386
0.75000 -41.747963 2159.095
-2.61E-13 -1.55E-15 -7.25E-14
608.422187
1.00000 -41.747963 2186.883
-2.65E-13 -1.55E-15 -3.30E-14
282.473863

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2075.903
-2.51E-13 -1.55E-15 -1.33E-13
1100.727
0.25000 -60.925263 2103.691
-2.55E-13 -1.55E-15 -9.50E-14
787.256957
0.50000 -60.925263 2131.478
-2.58E-13 -1.55E-15 -5.65E-14
469.619260
0.75000 -60.925263 2159.266
-2.61E-13 -1.55E-15 -1.75E-14
147.813438
1.00000 -60.925263 2187.053
-2.65E-13 -1.55E-15 2.19E-14
-178.160509

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2075.903
-2.51E-13 -1.55E-15 -1.33E-13
1100.727
0.25000 -60.925263 2103.691
-2.55E-13 -1.55E-15 -9.50E-14
787.256957
0.50000 -60.925263 2131.478
-2.58E-13 -1.55E-15 -5.65E-14
469.619260
0.75000 -60.925263 2159.266
-2.61E-13 -1.55E-15 -1.75E-14
147.813438
1.00000 -60.925263 2187.053
-2.65E-13 -1.55E-15 2.19E-14
-178.160509

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 2075.835
-2.51E-13 -1.55E-15 -1.88E-13
1561.288
0.25000 -41.748000 2103.622
-2.55E-13 -1.55E-15 -1.50E-13
1247.829
0.50000 -41.748000 2131.410
-2.58E-13 -1.55E-15 -1.11E-13
930.201252
0.75000 -41.748000 2159.197
-2.61E-13 -1.55E-15 -7.25E-14
608.405760
1.00000 -41.748000 2186.985
-2.65E-13 -1.55E-15 -3.30E-14
282.442143

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 2075.835
-2.51E-13 -1.55E-15 -1.88E-13
1561.288
0.25000 -41.748000 2103.622
-2.55E-13 -1.55E-15 -1.50E-13
1247.829
0.50000 -41.748000 2131.410
-2.58E-13 -1.55E-15 -1.11E-13
930.201252
0.75000 -41.748000 2159.197
-2.61E-13 -1.55E-15 -7.25E-14
608.405760
1.00000 -41.748000 2186.985
-2.65E-13 -1.55E-15 -3.30E-14
282.442143

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.476397
8.53E-15 1.34E-17 -1.44E-13
1202.232
0.25000 -9.184576 -41.226397
4.99E-15 1.34E-17 -1.45E-13
1210.610
0.50000 -9.184576 -11.976397
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.273603
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429

5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13
1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 -70.582429
8.55E-15 1.35E-17 -1.44E-13
1202.202
0.25000 -9.184538 -41.332429
5.01E-15 1.35E-17 -1.45E-13
1210.595
0.50000 -9.184538 -12.082429
1.46E-15 1.35E-17 -1.45E-13
1214.601
0.75000 -9.184538 17.167571
-2.08E-15 1.35E-17 -1.45E-13
1214.220
1.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 3349.225
-4.06E-13 -2.47E-15 -2.03E-13
1684.167
0.25000 -71.415921 3375.550
-4.09E-13 -2.47E-15 -1.42E-13
1179.809
0.50000 -71.415921 3401.875
-4.12E-13 -2.47E-15 -8.06E-14
671.502177
0.75000 -71.415921 3428.200
-4.15E-13 -2.47E-15 -1.86E-14
159.246546
1.00000 -71.415921 3454.525
-4.18E-13 -2.47E-15 4.39E-14
-356.957836

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 3349.225
-4.06E-13 -2.47E-15 -2.03E-13
1684.167
0.25000 -71.415921 3375.550
-4.09E-13 -2.47E-15 -1.42E-13
1179.809
0.50000 -71.415921 3401.875
-4.12E-13 -2.47E-15 -8.06E-14
671.502177
0.75000 -71.415921 3428.200
-4.15E-13 -2.47E-15 -1.86E-14
159.246546
1.00000 -71.415921 3454.525
-4.18E-13 -2.47E-15 4.39E-14
-356.957836

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851
0.25000 -11.939886 -53.769676
6.51E-15 1.76E-17 -1.88E-13
1573.769
0.50000 -11.939886 -15.744676
1.91E-15 1.76E-17 -1.89E-13
1578.982
0.75000 -11.939886 22.280324
-2.70E-15 1.76E-17 -1.89E-13
1578.492
1.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851
0.25000 -11.939886 -53.769676
6.51E-15 1.76E-17 -1.88E-13
1573.769
0.50000 -11.939886 -15.744676
1.91E-15 1.76E-17 -1.89E-13
1578.982
0.75000 -11.939886 22.280324
-2.70E-15 1.76E-17 -1.89E-13
1578.492
1.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -70.476397
8.56E-15 1.35E-17 -1.44E-13
1202.232
0.25000 -9.184513 -41.226397
5.01E-15 1.35E-17 -1.45E-13
1210.610
0.50000 -9.184513 -11.976397
1.47E-15 1.35E-17 -1.45E-13
1214.602
0.75000 -9.184513 17.273603
-2.07E-15 1.35E-17 -1.45E-13
1214.231
1.00000 -9.184513 46.523603
-5.61E-15 1.35E-17 -1.45E-13
1209.473

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -70.476397
8.56E-15 1.35E-17 -1.44E-13
1202.232
0.25000 -9.184513 -41.226397
5.01E-15 1.35E-17 -1.45E-13
1210.610
0.50000 -9.184513 -11.976397
1.47E-15 1.35E-17 -1.45E-13
1214.602
0.75000 -9.184513 17.273603
-2.07E-15 1.35E-17 -1.45E-13
1214.231
1.00000 -9.184513 46.523603
-5.61E-15 1.35E-17 -1.45E-13
1209.473

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.651757
8.53E-15 1.34E-17 -1.44E-13
1202.182
0.25000 -9.184576 -41.401757
4.99E-15 1.34E-17 -1.45E-13
1210.586
0.50000 -9.184576 -12.151757
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.098243
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.348243
-5.63E-15 1.34E-17 -1.45E-13
1209.418

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851
0.25000 -11.939886 -53.769676
6.51E-15 1.76E-17 -1.88E-13
1573.769
0.50000 -11.939886 -15.744676
1.91E-15 1.76E-17 -1.89E-13
1578.982
0.75000 -11.939886 22.280324
-2.70E-15 1.76E-17 -1.89E-13
1578.492
1.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 -91.794676
1.11E-14 1.76E-17 -1.87E-13
1562.851
0.25000 -11.939886 -53.769676
6.51E-15 1.76E-17 -1.88E-13
1573.769
0.50000 -11.939886 -15.744676
1.91E-15 1.76E-17 -1.89E-13
1578.982
0.75000 -11.939886 22.280324
-2.70E-15 1.76E-17 -1.89E-13
1578.492
1.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 -70.476397
8.56E-15 1.35E-17 -1.44E-13
1202.232
0.25000 -9.184513 -41.226397
5.01E-15 1.35E-17 -1.45E-13
1210.610
0.50000 -9.184513 -11.976397
1.47E-15 1.35E-17 -1.45E-13
1214.602
0.75000 -9.184513 17.273603
-2.07E-15 1.35E-17 -1.45E-13
1214.231
1.00000 -9.184513 46.523603
-5.61E-15 1.35E-17 -1.45E-13
1209.473

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 -70.651757
8.53E-15 1.34E-17 -1.44E-13
1202.182
0.25000 -9.184576 -41.401757
4.99E-15 1.34E-17 -1.45E-13
1210.586
0.50000 -9.184576 -12.151757
1.45E-15 1.34E-17 -1.45E-13
1214.600
0.75000 -9.184576 17.098243
-2.09E-15 1.34E-17 -1.45E-13
1214.203
1.00000 -9.184576 46.348243
-5.63E-15 1.34E-17 -1.45E-13
1209.418

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 7 ==========
LENGTH = 0.500000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -3.07E-18
0.025377
0.25000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -4.30E-18
0.035572
0.50000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -5.54E-18
0.045767
0.75000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -6.77E-18
0.055963
1.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -8.01E-18
0.066158

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 3.16E-17 6.49E-17
0.548043 -5.784978 67.118373
9.10E-15
0.25000 3.16E-17 2.01E-16
1.673043 -5.784978 66.979555
9.08E-15
0.50000 3.16E-17 3.37E-16
2.798043 -5.784978 66.700112
9.05E-15
0.75000 3.16E-17 4.74E-16
3.923043 -5.784978 66.280045
9.00E-15
1.00000 3.16E-17 6.10E-16
5.048043 -5.784978 65.719352
8.93E-15

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 1.52E-26 1.50E-24
1.07E-08 7.33E-09 -5.82E-10
-1.72E-24
0.25000 1.52E-26 1.50E-24
1.07E-08 7.33E-09 -1.92E-09
-1.91E-24
0.50000 1.52E-26 1.50E-24
1.07E-08 7.33E-09 -3.26E-09
-2.09E-24
0.75000 1.52E-26 1.50E-24
1.07E-08 7.33E-09 -4.60E-09
-2.28E-24
1.00000 1.52E-26 1.50E-24
1.07E-08 7.33E-09 -5.94E-09
-2.47E-24

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 1.45E-13
-1204.529
0.25000 -52.624835 2843.878
-3.44E-13 -2.07E-15 1.88E-13
-1560.013
0.50000 -52.624835 2843.878
-3.44E-13 -2.07E-15 2.31E-13
-1915.498

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 -52.624835 2843.878
-3.44E-13 -2.07E-15 2.74E-13
-2270.983
1.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 3.17E-13
-2626.468

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 1.10E-14
-90.939858
0.25000 -0.105704 292.290603
-3.54E-14 -2.13E-16 1.54E-14
-127.476183
0.50000 -0.105704 292.290603
-3.54E-14 -2.13E-16 1.98E-14
-164.012508
0.75000 -0.105704 292.290603
-3.54E-14 -2.13E-16 2.43E-14
-200.548834
1.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 2.87E-14
-237.085159

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.482121
0.25000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.489008
0.50000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14

-368.495895
0.75000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.502781
1.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.509668

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418

FRAME ELEMENT INTERNAL FORCES

REL DIST P V2
V3 T M2 M3
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418
0.25000 -9.184576 70.898603
1.673043 -5.784978 66.979555
1202.079
0.50000 -9.184576 95.273603
2.798043 -5.784978 66.700112
1191.694
0.75000 -9.184576 119.648603
3.923043 -5.784978 66.280045
1178.261
1.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418
0.25000 -9.184576 70.898603
1.673043 -5.784978 66.979555
1202.079
0.50000 -9.184576 95.273603
2.798043 -5.784978 66.700112
1191.694
0.75000 -9.184576 119.648603
3.923043 -5.784978 66.280045
1178.261
1.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444
0.25000 -9.184547 70.817040
0.836521 -2.892489 33.489778
1202.115
0.50000 -9.184547 95.192040
1.399021 -2.892489 33.350056
1191.739
0.75000 -9.184547 119.567040
1.961521 -2.892489 33.140022
1178.317
1.00000 -9.184547 143.942040
2.524021 -2.892489 32.859676
1161.848

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444
0.25000 -9.184547 70.817040
0.836521 -2.892489 33.489778
1202.115
0.50000 -9.184547 95.192040
1.399021 -2.892489 33.350056
1191.739
0.75000 -9.184547 119.567040
1.961521 -2.892489 33.140022
1178.317
1.00000 -9.184547 143.942040
2.524021 -2.892489 32.859676
1161.848

FRAME ELEMENT INTERNAL FORCES

COMB SVB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418
0.25000 -9.184576 70.898603
0.836521 -2.892489 33.489778
1202.079
0.50000 -9.184576 95.273603
1.399021 -2.892489 33.350056
1191.694
0.75000 -9.184576 119.648603
1.961521 -2.892489 33.140022
1178.261
1.00000 -9.184576 144.023603
2.524021 -2.892489 32.859676
1161.781

COMB SVB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418
0.25000 -9.184576 70.898603
0.836521 -2.892489 33.489778
1202.079
0.50000 -9.184576 95.273603
1.399021 -2.892489 33.350056
1191.694
0.75000 -9.184576 119.648603
1.961521 -2.892489 33.140022
1178.261
1.00000 -9.184576 144.023603
2.524021 -2.892489 32.859676
1161.781

COMB SVB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
1.07E-08 7.33E-09 -5.82E-10
1209.444
0.25000 -9.184547 70.817040
1.07E-08 7.33E-09 -1.92E-09
1202.115
0.50000 -9.184547 95.192040
1.07E-08 7.33E-09 -3.26E-09
1191.739
0.75000 -9.184547 119.567040
1.07E-08 7.33E-09 -4.60E-09
1178.317
1.00000 -9.184547 143.942040
1.07E-08 7.33E-09 -5.94E-09
1161.848

COMB SVB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
1.07E-08 7.33E-09 -5.82E-10
1209.444
0.25000 -9.184547 70.817040
1.07E-08 7.33E-09 -1.92E-09
1202.115
0.50000 -9.184547 95.192040
1.07E-08 7.33E-09 -3.26E-09
1191.739
0.75000 -9.184547 119.567040
1.07E-08 7.33E-09 -4.60E-09
1178.317
1.00000 -9.184547 143.942040
1.07E-08 7.33E-09 -5.94E-09
1161.848

COMB SVB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

FRAME ELEMENT INTERNAL FORCES

COMB SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
1.07E-08 7.33E-09 -5.82E-10
1209.418
0.25000 -9.184576 70.898603
1.07E-08 7.33E-09 -1.92E-09
1202.079
0.50000 -9.184576 95.273603
1.07E-08 7.33E-09 -3.26E-09
1191.694
0.75000 -9.184576 119.648603
1.07E-08 7.33E-09 -4.60E-09
1178.261
1.00000 -9.184576 144.023603
1.07E-08 7.33E-09 -5.94E-09
1161.781

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
1.07E-08 7.33E-09 -5.82E-10
1209.418
0.25000 -9.184576 70.898603
1.07E-08 7.33E-09 -1.92E-09
1202.079
0.50000 -9.184576 95.273603
1.07E-08 7.33E-09 -3.26E-09
1191.694
0.75000 -9.184576 119.648603
1.07E-08 7.33E-09 -4.60E-09
1178.261
1.00000 -9.184576 144.023603
1.07E-08 7.33E-09 -5.94E-09
1161.781

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13

1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418
0.25000 -9.184576 70.898603
1.673043 -5.784978 66.979555
1202.079
0.50000 -9.184576 95.273603
2.798043 -5.784978 66.700112
1191.694
0.75000 -9.184576 119.648603
3.923043 -5.784978 66.280045
1178.261
1.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418
0.25000 -9.184576 70.898603
1.673043 -5.784978 66.979555
1202.079
0.50000 -9.184576 95.273603
2.798043 -5.784978 66.700112
1191.694
0.75000 -9.184576 119.648603
3.923043 -5.784978 66.280045
1178.261
1.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 376

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 SVB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418
0.25000 -9.184576 70.898603
1.673043 -5.784978 66.979555
1202.079
0.50000 -9.184576 95.273603
2.798043 -5.784978 66.700112
1191.694
0.75000 -9.184576 119.648603
3.923043 -5.784978 66.280045
1178.261
1.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781

COMB SVB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.548043 -5.784978 67.118373
1209.418
0.25000 -9.184576 70.898603
1.673043 -5.784978 66.979555
1202.079
0.50000 -9.184576 95.273603
2.798043 -5.784978 66.700112
1191.694
0.75000 -9.184576 119.648603
3.923043 -5.784978 66.280045
1178.261
1.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444
0.25000 -9.184547 70.817040
0.836521 -2.892489 33.489778
1202.115
0.50000 -9.184547 95.192040
1.399021 -2.892489 33.350056
1191.739
0.75000 -9.184547 119.567040
1.961521 -2.892489 33.140022
1178.317
1.00000 -9.184547 143.942040
2.524021 -2.892489 32.859676
1161.848

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444
0.25000 -9.184547 70.817040
0.836521 -2.892489 33.489778
1202.115
0.50000 -9.184547 95.192040
1.399021 -2.892489 33.350056
1191.739
0.75000 -9.184547 119.567040
1.961521 -2.892489 33.140022
1178.317
1.00000 -9.184547 143.942040
2.524021 -2.892489 32.859676
1161.848

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444
0.25000 -9.184547 70.817040
0.836521 -2.892489 33.489778
1202.115
0.50000 -9.184547 95.192040
1.399021 -2.892489 33.350056
1191.739
0.75000 -9.184547 119.567040
1.961521 -2.892489 33.140022
1178.317
1.00000 -9.184547 143.942040
2.524021 -2.892489 32.859676
1161.848

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
0.274021 -2.892489 33.559186
1209.444
0.25000 -9.184547 70.817040
0.836521 -2.892489 33.489778
1202.115
0.50000 -9.184547 95.192040
1.399021 -2.892489 33.350056
1191.739
0.75000 -9.184547 119.567040
1.961521 -2.892489 33.140022
1178.317
1.00000 -9.184547 143.942040
2.524021 -2.892489 32.859676
1161.848

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 377

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418
0.25000 -9.184576 70.898603
0.836521 -2.892489 33.489778
1202.079
0.50000 -9.184576 95.273603
1.399021 -2.892489 33.350056
1191.694
0.75000 -9.184576 119.648603
1.961521 -2.892489 33.140022
1178.261
1.00000 -9.184576 144.023603
2.524021 -2.892489 32.859676
1161.781

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418
0.25000 -9.184576 70.898603
0.836521 -2.892489 33.489778
1202.079
0.50000 -9.184576 95.273603
1.399021 -2.892489 33.350056
1191.694
0.75000 -9.184576 119.648603
1.961521 -2.892489 33.140022
1178.261
1.00000 -9.184576 144.023603
2.524021 -2.892489 32.859676
1161.781

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418
0.25000 -9.184576 70.898603
0.836521 -2.892489 33.489778
1202.079
0.50000 -9.184576 95.273603
1.399021 -2.892489 33.350056
1191.694
0.75000 -9.184576 119.648603
1.961521 -2.892489 33.140022
1178.261
1.00000 -9.184576 144.023603
2.524021 -2.892489 32.859676
1161.781

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.274021 -2.892489 33.559186
1209.418
0.25000 -9.184576 70.898603
0.836521 -2.892489 33.489778
1202.079
0.50000 -9.184576 95.273603
1.399021 -2.892489 33.350056
1191.694
0.75000 -9.184576 119.648603
1.961521 -2.892489 33.140022
1178.261
1.00000 -9.184576 144.023603
2.524021 -2.892489 32.859676
1161.781

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 378

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
0.712455 -7.520471 87.253885
1572.244
0.25000 -11.939949 92.168184
2.174955 -7.520471 87.073422
1562.703
0.50000 -11.939949 123.855684
3.637455 -7.520471 86.710146
1549.202
0.75000 -11.939949 155.543184
5.099955 -7.520471 86.164058
1531.739
1.00000 -11.939949 187.230684
6.562455 -7.520471 85.435157
1510.316

COMB ULB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
0.712455 -7.520471 87.253885
1572.244
0.25000 -11.939949 92.168184
2.174955 -7.520471 87.073422
1562.703
0.50000 -11.939949 123.855684
3.637455 -7.520471 86.710146
1549.202
0.75000 -11.939949 155.543184
5.099955 -7.520471 86.164058
1531.739
1.00000 -11.939949 187.230684
6.562455 -7.520471 85.435157
1510.316

COMB ULB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
0.356228 -3.760236 43.626942
1572.277
0.25000 -11.939911 92.062152
1.087478 -3.760236 43.536711
1562.749
0.50000 -11.939911 123.749652
1.818728 -3.760236 43.355073
1549.261
0.75000 -11.939911 155.437152

2.549978 -3.760236 43.082029
1531.812
1.00000 -11.939911 187.124652
3.281228 -3.760236 42.717579
1510.402

COMB ULB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
0.356228 -3.760236 43.626942
1572.277
0.25000 -11.939911 92.062152
1.087478 -3.760236 43.536711
1562.749
0.50000 -11.939911 123.749652
1.818728 -3.760236 43.355073
1549.261
0.75000 -11.939911 155.437152
2.549978 -3.760236 43.082029
1531.812
1.00000 -11.939911 187.124652
3.281228 -3.760236 42.717579
1510.402

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 ULB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
0.356228 -3.760236 43.626942
1572.244
0.25000 -11.939949 92.168184
1.087478 -3.760236 43.536711
1562.703
0.50000 -11.939949 123.855684
1.818728 -3.760236 43.355073
1549.202
0.75000 -11.939949 155.543184
2.549978 -3.760236 43.082029
1531.739
1.00000 -11.939949 187.230684
3.281228 -3.760236 42.717579
1510.316

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
0.356228 -3.760236 43.626942
1572.244
0.25000 -11.939949 92.168184
1.087478 -3.760236 43.536711
1562.703
0.50000 -11.939949 123.855684
1.818728 -3.760236 43.355073
1549.202
0.75000 -11.939949 155.543184
2.549978 -3.760236 43.082029
1531.739
1.00000 -11.939949 187.230684
3.281228 -3.760236 42.717579
1510.316

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
1.39E-08 9.53E-09 -7.57E-10
1572.277
0.25000 -11.939911 92.062152
1.39E-08 9.53E-09 -2.50E-09
1562.749
0.50000 -11.939911 123.749652
1.39E-08 9.53E-09 -4.24E-09
1549.261
0.75000 -11.939911 155.437152
1.39E-08 9.53E-09 -5.98E-09
1531.812
1.00000 -11.939911 187.124652
1.39E-08 9.53E-09 -7.72E-09
1510.402

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
1.39E-08 9.53E-09 -7.57E-10
1572.277
0.25000 -11.939911 92.062152
1.39E-08 9.53E-09 -2.50E-09
1562.749
0.50000 -11.939911 123.749652
1.39E-08 9.53E-09 -4.24E-09
1549.261
0.75000 -11.939911 155.437152
1.39E-08 9.53E-09 -5.98E-09
1531.812
1.00000 -11.939911 187.124652
1.39E-08 9.53E-09 -7.72E-09
1510.402

COMB ULB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277
0.25000 -11.939911 92.062152
-1.12E-14 1.75E-17 -1.87E-13
1562.749
0.50000 -11.939911 123.749652
-1.50E-14 1.75E-17 -1.85E-13
1549.261
0.75000 -11.939911 155.437152
-1.88E-14 1.75E-17 -1.83E-13
1531.812
1.00000 -11.939911 187.124652
-2.27E-14 1.75E-17 -1.81E-13
1510.402

COMB ULB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277
0.25000 -11.939911 92.062152
-1.12E-14 1.75E-17 -1.87E-13
1562.749
0.50000 -11.939911 123.749652
-1.50E-14 1.75E-17 -1.85E-13
1549.261
0.75000 -11.939911 155.437152
-1.88E-14 1.75E-17 -1.83E-13
1531.812
1.00000 -11.939911 187.124652
-2.27E-14 1.75E-17 -1.81E-13
1510.402

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 ULB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
1.39E-08 9.53E-09 -7.57E-10
1572.244
0.25000 -11.939949 92.168184
1.39E-08 9.53E-09 -2.50E-09
1562.703
0.50000 -11.939949 123.855684
1.39E-08 9.53E-09 -4.24E-09
1549.202
0.75000 -11.939949 155.543184
1.39E-08 9.53E-09 -5.98E-09
1531.739
1.00000 -11.939949 187.230684
1.39E-08 9.53E-09 -7.72E-09
1510.316

COMB ULB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
1.39E-08 9.53E-09 -7.57E-10
1572.244
0.25000 -11.939949 92.168184
1.39E-08 9.53E-09 -2.50E-09
1562.703
0.50000 -11.939949 123.855684
1.39E-08 9.53E-09 -4.24E-09
1549.202
0.75000 -11.939949 155.543184
1.39E-08 9.53E-09 -5.98E-09
1531.739
1.00000 -11.939949 187.230684
1.39E-08 9.53E-09 -7.72E-09
1510.316

COMB ULB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773
0.25000 -11.480720 88.623254
2.091303 -7.231222 83.724444
1502.599
0.50000 -11.480720 119.092004
3.497553 -7.231222 83.375140
1489.617
0.75000 -11.480720 149.560754
4.903803 -7.231222 82.850056
1472.826
1.00000 -11.480720 180.029504
6.310053 -7.231222 82.149190
1452.227

COMB ULB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773
0.25000 -11.480720 88.623254
2.091303 -7.231222 83.724444
1502.599
0.50000 -11.480720 119.092004
3.497553 -7.231222 83.375140
1489.617
0.75000 -11.480720 149.560754
4.903803 -7.231222 82.850056
1472.826
1.00000 -11.480720 180.029504
6.310053 -7.231222 82.149190
1452.227

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 ULB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773
0.25000 -11.480720 88.623254
2.091303 -7.231222 83.724444
1502.599
0.50000 -11.480720 119.092004
3.497553 -7.231222 83.375140
1489.617
0.75000 -11.480720 149.560754
4.903803 -7.231222 82.850056
1472.826
1.00000 -11.480720 180.029504
6.310053 -7.231222 82.149190
1452.227

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 58.154504
0.685053 -7.231222 83.897966
1511.773
0.25000 -11.480720 88.623254
2.091303 -7.231222 83.724444
1502.599
0.50000 -11.480720 119.092004
3.497553 -7.231222 83.375140
1489.617
0.75000 -11.480720 149.560754
4.903803 -7.231222 82.850056
1472.826
1.00000 -11.480720 180.029504
6.310053 -7.231222 82.149190
1452.227

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804
0.25000 -11.480683 88.521300
1.045652 -3.615611 41.862222
1502.644
0.50000 -11.480683 118.990050
1.748777 -3.615611 41.687570
1489.674
0.75000 -11.480683 149.458800
2.451902 -3.615611 41.425028
1472.896
1.00000 -11.480683 179.927550
3.155027 -3.615611 41.074595
1452.309

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804
0.25000 -11.480683 88.521300
1.045652 -3.615611 41.862222
1502.644
0.50000 -11.480683 118.990050
1.748777 -3.615611 41.687570
1489.674
0.75000 -11.480683 149.458800
2.451902 -3.615611 41.425028
1472.896
1.00000 -11.480683 179.927550
3.155027 -3.615611 41.074595
1452.309

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804
0.25000 -11.480683 88.521300
1.045652 -3.615611 41.862222
1502.644
0.50000 -11.480683 118.990050
1.748777 -3.615611 41.687570
1489.674
0.75000 -11.480683 149.458800
2.451902 -3.615611 41.425028
1472.896
1.00000 -11.480683 179.927550
3.155027 -3.615611 41.074595
1452.309

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 58.052550
0.342527 -3.615611 41.948983
1511.804
0.25000 -11.480683 88.521300
1.045652 -3.615611 41.862222
1502.644
0.50000 -11.480683 118.990050
1.748777 -3.615611 41.687570
1489.674
0.75000 -11.480683 149.458800
2.451902 -3.615611 41.425028
1472.896

1.00000 -11.480683 179.927550
3.155027 -3.615611 41.074595
1452.309

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 ULB14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	58.154504
0.342527	-3.615611	41.948983
1511.773		
0.25000	-11.480720	88.623254
1.045652	-3.615611	41.862222
1502.599		
0.50000	-11.480720	119.092004
1.748777	-3.615611	41.687570
1489.617		
0.75000	-11.480720	149.560754
2.451902	-3.615611	41.425028
1472.826		
1.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		

COMB ULB14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	58.154504
0.342527	-3.615611	41.948983
1511.773		
0.25000	-11.480720	88.623254
1.045652	-3.615611	41.862222
1502.599		
0.50000	-11.480720	119.092004
1.748777	-3.615611	41.687570
1489.617		
0.75000	-11.480720	149.560754
2.451902	-3.615611	41.425028
1472.826		
1.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		

COMB ULB15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	58.154504
0.342527	-3.615611	41.948983
1511.773		
0.25000	-11.480720	88.623254
1.045652	-3.615611	41.862222
1502.599		
0.50000	-11.480720	119.092004
1.748777	-3.615611	41.687570
1489.617		
0.75000	-11.480720	149.560754
2.451902	-3.615611	41.425028
1472.826		
1.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		

COMB ULB15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	58.154504
0.342527	-3.615611	41.948983
1511.773		
0.25000	-11.480720	88.623254
1.045652	-3.615611	41.862222
1502.599		
0.50000	-11.480720	119.092004
1.748777	-3.615611	41.687570
1489.617		
0.75000	-11.480720	149.560754
2.451902	-3.615611	41.425028
1472.826		
1.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		

COMB ULB16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	46.523603
-5.63E-15	1.34E-17	-1.45E-13
1209.418		
0.25000	-9.184576	70.898603
-8.59E-15	1.34E-17	-1.44E-13
1202.079		
0.50000	-9.184576	95.273603
-1.15E-14	1.34E-17	-1.43E-13
1191.694		
0.75000	-9.184576	119.648603
-1.45E-14	1.34E-17	-1.41E-13
1178.261		
1.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		

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 ULB17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	60.374652
-7.31E-15	1.75E-17	-1.88E-13
1572.277		
0.25000	-11.939911	92.062152
-1.12E-14	1.75E-17	-1.87E-13
1562.749		
0.50000	-11.939911	123.749652
-1.50E-14	1.75E-17	-1.85E-13
1549.261		
0.75000	-11.939911	155.437152
-1.88E-14	1.75E-17	-1.83E-13
1531.812		
1.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		

COMB ULB17 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	60.374652
-7.31E-15	1.75E-17	-1.88E-13
1572.277		
0.25000	-11.939911	92.062152
-1.12E-14	1.75E-17	-1.87E-13
1562.749		
0.50000	-11.939911	123.749652
-1.50E-14	1.75E-17	-1.85E-13
1549.261		
0.75000	-11.939911	155.437152
-1.88E-14	1.75E-17	-1.83E-13
1531.812		
1.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		

COMB ULB18 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.021491	55.828324
0.657651	-6.941973	80.542048
1451.302		
0.25000	-11.021491	85.078324
2.007651	-6.941973	80.375466
1442.495		
0.50000	-11.021491	114.328324
3.357651	-6.941973	80.040135
1430.032		
0.75000	-11.021491	143.578324
4.707651	-6.941973	79.536053
1413.913		
1.00000	-11.021491	172.828324
6.057651	-6.941973	78.863222
1394.138		

COMB ULB18 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.021491	55.828324
0.657651	-6.941973	80.542048
1451.302		
0.25000	-11.021491	85.078324
2.007651	-6.941973	80.375466
1442.495		
0.50000	-11.021491	114.328324
3.357651	-6.941973	80.040135
1430.032		
0.75000	-11.021491	143.578324
4.707651	-6.941973	79.536053
1413.913		
1.00000	-11.021491	172.828324
6.057651	-6.941973	78.863222
1394.138		

COMB UEB01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	46.348243
-5.61E-15	1.35E-17	-1.45E-13
1209.473		
0.25000	-9.184513	70.723243
-8.57E-15	1.35E-17	-1.44E-13
1202.156		
0.50000	-9.184513	95.098243
-1.15E-14	1.35E-17	-1.43E-13
1191.792		
0.75000	-9.184513	119.473243
-1.45E-14	1.35E-17	-1.41E-13
1178.381		
1.00000	-9.184513	143.848243
-1.74E-14	1.35E-17	-1.39E-13
1161.924		

COMB UEB01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	46.348243
-5.61E-15	1.35E-17	-1.45E-13
1209.473		
0.25000	-9.184513	70.723243
-8.57E-15	1.35E-17	-1.44E-13
1202.156		
0.50000	-9.184513	95.098243
-1.15E-14	1.35E-17	-1.43E-13
1191.792		
0.75000	-9.184513	119.473243
-1.45E-14	1.35E-17	-1.41E-13
1178.381		
1.00000	-9.184513	143.848243
-1.74E-14	1.35E-17	-1.39E-13
1161.924		

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 UEB02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	46.523603
-5.63E-15	1.34E-17	-1.45E-13
1209.418		
0.25000	-9.184576	70.898603
-8.59E-15	1.34E-17	-1.44E-13
1202.079		
0.50000	-9.184576	95.273603
-1.15E-14	1.34E-17	-1.43E-13
1191.694		
0.75000	-9.184576	119.648603
-1.45E-14	1.34E-17	-1.41E-13
1178.261		
1.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		

COMB UEB02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	46.523603
-5.63E-15	1.34E-17	-1.45E-13
1209.418		
0.25000	-9.184576	70.898603
-8.59E-15	1.34E-17	-1.44E-13
1202.079		
0.50000	-9.184576	95.273603
-1.15E-14	1.34E-17	-1.43E-13
1191.694		
0.75000	-9.184576	119.648603
-1.45E-14	1.34E-17	-1.41E-13
1178.261		
1.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		

COMB UEB03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	46.523603
0.712455	-7.520471	87.253885
1209.418		
0.25000	-9.184576	70.898603
2.174955	-7.520471	87.073422
1202.079		
0.50000	-9.184576	95.273603
3.637455	-7.520471	86.710146
1191.694		
0.75000	-9.184576	119.648603
5.099955	-7.520471	86.164058
1178.261		
1.00000	-9.184576	144.023603
6.562455	-7.520471	85.435157
1161.781		

COMB UEB03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	46.523603
0.712455	-7.520471	87.253885
1209.418		
0.25000	-9.184576	70.898603
2.174955	-7.520471	87.073422
1202.079		
0.50000	-9.184576	95.273603
3.637455	-7.520471	86.710146
1191.694		
0.75000	-9.184576	119.648603
5.099955	-7.520471	86.164058
1178.261		
1.00000	-9.184576	144.023603
6.562455	-7.520471	85.435157
1161.781		

COMB UEB04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	46.417571
0.356228	-3.760236	43.626942
1209.451		
0.25000	-9.184538	70.792571
1.087478	-3.760236	43.536711
1202.126		
0.50000	-9.184538	95.167571
1.818728	-3.760236	43.355073
1191.753		
0.75000	-9.184538	119.542571
2.549978	-3.760236	43.082029
1178.334		
1.00000	-9.184538	143.917571
3.281228	-3.760236	42.717579
1161.867		

COMB UEB04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	46.417571
0.356228	-3.760236	43.626942
1209.451		
0.25000	-9.184538	70.792571
1.087478	-3.760236	43.536711
1202.126		
0.50000	-9.184538	95.167571
1.818728	-3.760236	43.355073
1191.753		
0.75000	-9.184538	119.542571
2.549978	-3.760236	43.082029
1178.334		
1.00000	-9.184538	143.917571
3.281228	-3.760236	42.717579
1161.867		

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 UEB05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	46.523603
0.356228	-3.760236	43.626942
1209.418		
0.25000	-9.184576	70.898603
1.087478	-3.760236	43.536711

1202.079
0.50000 -9.184576 95.273603
1.818728 -3.760236 43.355073
1191.694
0.75000 -9.184576 119.648603
2.549978 -3.760236 43.082029
1178.261
1.00000 -9.184576 144.023603
3.281228 -3.760236 42.717579
1161.781

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
0.356228 -3.760236 43.626942
1209.418
0.25000 -9.184576 70.898603
1.087478 -3.760236 43.536711
1202.079
0.50000 -9.184576 95.273603
1.818728 -3.760236 43.355073
1191.694
0.75000 -9.184576 119.648603
2.549978 -3.760236 43.082029
1178.261
1.00000 -9.184576 144.023603
3.281228 -3.760236 42.717579
1161.781

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
1.39E-08 9.53E-09 -7.57E-10
1209.451
0.25000 -9.184538 70.792571
1.39E-08 9.53E-09 -2.50E-09
1202.126
0.50000 -9.184538 95.167571
1.39E-08 9.53E-09 -4.24E-09
1191.753
0.75000 -9.184538 119.542571
1.39E-08 9.53E-09 -5.98E-09
1178.334
1.00000 -9.184538 143.917571
1.39E-08 9.53E-09 -7.72E-09
1161.867

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
1.39E-08 9.53E-09 -7.57E-10
1209.451
0.25000 -9.184538 70.792571
1.39E-08 9.53E-09 -2.50E-09
1202.126
0.50000 -9.184538 95.167571
1.39E-08 9.53E-09 -4.24E-09
1191.753
0.75000 -9.184538 119.542571
1.39E-08 9.53E-09 -5.98E-09
1178.334
1.00000 -9.184538 143.917571
1.39E-08 9.53E-09 -7.72E-09
1161.867

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451
0.25000 -9.184538 70.792571
-8.57E-15 1.35E-17 -1.44E-13
1202.126
0.50000 -9.184538 95.167571
-1.15E-14 1.35E-17 -1.43E-13
1191.753
0.75000 -9.184538 119.542571
-1.45E-14 1.35E-17 -1.41E-13
1178.334
1.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451
0.25000 -9.184538 70.792571
-8.57E-15 1.35E-17 -1.44E-13
1202.126
0.50000 -9.184538 95.167571
-1.15E-14 1.35E-17 -1.43E-13
1191.753
0.75000 -9.184538 119.542571
-1.45E-14 1.35E-17 -1.41E-13
1178.334
1.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 386

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
1.39E-08 9.53E-09 -7.57E-10
1209.418
0.25000 -9.184576 70.898603
1.39E-08 9.53E-09 -2.50E-09
1202.079
0.50000 -9.184576 95.273603
1.39E-08 9.53E-09 -4.24E-09
1191.694
0.75000 -9.184576 119.648603
1.39E-08 9.53E-09 -5.98E-09
1178.261
1.00000 -9.184576 144.023603
1.39E-08 9.53E-09 -7.72E-09
1161.781

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
1.39E-08 9.53E-09 -7.57E-10
1209.418
0.25000 -9.184576 70.898603
1.39E-08 9.53E-09 -2.50E-09
1202.079
0.50000 -9.184576 95.273603
1.39E-08 9.53E-09 -4.24E-09
1191.694
0.75000 -9.184576 119.648603
1.39E-08 9.53E-09 -5.98E-09
1178.261
1.00000 -9.184576 144.023603
1.39E-08 9.53E-09 -7.72E-09
1161.781

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947
0.25000 -8.725347 67.353673
2.091303 -7.231222 83.724444
1141.975
0.50000 -8.725347 90.509923
3.497553 -7.231222 83.375140
1132.109
0.75000 -8.725347 113.666173
4.903803 -7.231222 82.850056
1119.348
1.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692

COMB UEB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947
0.25000 -8.725347 67.353673
2.091303 -7.231222 83.724444
1141.975
0.50000 -8.725347 90.509923
3.497553 -7.231222 83.375140
1132.109
0.75000 -8.725347 113.666173
4.903803 -7.231222 82.850056
1119.348
1.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 387

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 UEB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947
0.25000 -8.725347 67.353673
2.091303 -7.231222 83.724444
1141.975
0.50000 -8.725347 90.509923
3.497553 -7.231222 83.375140
1132.109
0.75000 -8.725347 113.666173
4.903803 -7.231222 82.850056
1119.348
1.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692

COMB UEB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.685053 -7.231222 83.897966
1148.947
0.25000 -8.725347 67.353673
2.091303 -7.231222 83.724444
1141.975
0.50000 -8.725347 90.509923
3.497553 -7.231222 83.375140
1132.109
0.75000 -8.725347 113.666173
4.903803 -7.231222 82.850056
1119.348
1.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692

COMB UEB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979
0.25000 -8.725310 67.251719
1.045652 -3.615611 41.862222
1142.020
0.50000 -8.725310 90.407969
1.748777 -3.615611 41.687570
1132.166
0.75000 -8.725310 113.564219
2.451902 -3.615611 41.425028
1119.418
1.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775

COMB UEB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979
0.25000 -8.725310 67.251719
1.045652 -3.615611 41.862222
1142.020
0.50000 -8.725310 90.407969
1.748777 -3.615611 41.687570
1132.166
0.75000 -8.725310 113.564219
2.451902 -3.615611 41.425028
1119.418
1.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775

COMB UEB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979
0.25000 -8.725310 67.251719
1.045652 -3.615611 41.862222
1142.020
0.50000 -8.725310 90.407969
1.748777 -3.615611 41.687570
1132.166
0.75000 -8.725310 113.564219
2.451902 -3.615611 41.425028
1119.418
1.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775

COMB UEB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 44.095469
0.342527 -3.615611 41.948983
1148.979
0.25000 -8.725310 67.251719
1.045652 -3.615611 41.862222
1142.020
0.50000 -8.725310 90.407969
1.748777 -3.615611 41.687570
1132.166
0.75000 -8.725310 113.564219
2.451902 -3.615611 41.425028
1119.418
1.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 388

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 UEB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947
0.25000 -8.725347 67.353673
1.045652 -3.615611 41.862222
1141.975
0.50000 -8.725347 90.509923
1.748777 -3.615611 41.687570
1132.109
0.75000 -8.725347 113.666173
2.451902 -3.615611 41.425028
1119.348
1.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692

COMB UEB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947
0.25000 -8.725347 67.353673
1.045652 -3.615611 41.862222
1141.975
0.50000 -8.725347 90.509923

1.748777 -3.615611 41.687570
1132.109
0.75000 -8.725347 113.666173
2.451902 -3.615611 41.425028
1119.348
1.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692

COMB UEB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947
0.25000 -8.725347 67.353673
1.045652 -3.615611 41.862222
1141.975
0.50000 -8.725347 90.509923
1.748777 -3.615611 41.687570
1132.109
0.75000 -8.725347 113.666173
2.451902 -3.615611 41.425028
1119.348
1.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692

COMB UEB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 44.197423
0.342527 -3.615611 41.948983
1148.947
0.25000 -8.725347 67.353673
1.045652 -3.615611 41.862222
1141.975
0.50000 -8.725347 90.509923
1.748777 -3.615611 41.687570
1132.109
0.75000 -8.725347 113.666173
2.451902 -3.615611 41.425028
1119.348
1.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692

COMB UEB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 389

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 UEB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451
0.25000 -9.184538 70.792571
-8.57E-15 1.35E-17 -1.44E-13
1202.126
0.50000 -9.184538 95.167571
-1.15E-14 1.35E-17 -1.43E-13
1191.753
0.75000 -9.184538 119.542571
-1.45E-14 1.35E-17 -1.41E-13
1178.334
1.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451
0.25000 -9.184538 70.792571
-8.57E-15 1.35E-17 -1.44E-13
1202.126
0.50000 -9.184538 95.167571
-1.15E-14 1.35E-17 -1.43E-13
1191.753
0.75000 -9.184538 119.542571
-1.45E-14 1.35E-17 -1.41E-13
1178.334
1.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 41.871243
0.657651 -6.941973 80.542048
1088.476
0.25000 -8.266119 63.808743
2.007651 -6.941973 80.375466
1081.871
0.50000 -8.266119 85.746243
3.357651 -6.941973 80.040135
1072.524
0.75000 -8.266119 107.683743
4.707651 -6.941973 79.536053
1060.435
1.00000 -8.266119 129.621243
6.057651 -6.941973 78.863222
1045.603

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 41.871243
0.657651 -6.941973 80.542048
1088.476
0.25000 -8.266119 63.808743
2.007651 -6.941973 80.375466
1081.871
0.50000 -8.266119 85.746243
3.357651 -6.941973 80.040135
1072.524
0.75000 -8.266119 107.683743
4.707651 -6.941973 79.536053
1060.435
1.00000 -8.266119 129.621243
6.057651 -6.941973 78.863222
1045.603

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

COMB SVO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 390

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2890.402
-3.50E-13 -2.06E-15 4.30E-16
4.889684
0.25000 -61.809411 2914.777
-3.53E-13 -2.06E-15 4.44E-14
-357.933974
0.50000 -61.809411 2939.152
-3.56E-13 -2.06E-15 8.87E-14
-723.804508
0.75000 -61.809411 2963.527
-3.59E-13 -2.06E-15 1.33E-13
-1092.722
1.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2890.402
-3.50E-13 -2.06E-15 4.30E-16
4.889684
0.25000 -61.809411 2914.777
-3.53E-13 -2.06E-15 4.44E-14
-357.933974
0.50000 -61.809411 2939.152
-3.56E-13 -2.06E-15 8.87E-14
-723.804508
0.75000 -61.809411 2963.527
-3.59E-13 -2.06E-15 1.33E-13
-1092.722
1.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1760.672
-2.13E-13 -1.23E-15 -6.11E-14
516.239456
0.25000 -35.602669 1785.047
-2.16E-13 -1.23E-15 -3.43E-14
294.632053
0.50000 -35.602669 1809.422
-2.19E-13 -1.23E-15 -7.11E-15
69.977775
0.75000 -35.602669 1833.797
-2.22E-13 -1.23E-15 2.05E-14
-157.723379
1.00000 -35.602669 1858.172
-2.25E-13 -1.23E-15 4.84E-14
-388.471407

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1760.672
-2.13E-13 -1.23E-15 -6.11E-14
516.239456
0.25000 -35.602669 1785.047
-2.16E-13 -1.23E-15 -3.43E-14
294.632053
0.50000 -35.602669 1809.422
-2.19E-13 -1.23E-15 -7.11E-15
69.977775
0.75000 -35.602669 1833.797
-2.22E-13 -1.23E-15 2.05E-14
-157.723379
1.00000 -35.602669 1858.172
-2.25E-13 -1.23E-15 4.84E-14
-388.471407

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 391

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 SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 1760.753
-2.13E-13 -1.23E-15 -6.11E-14
516.214080
0.25000 -35.602698 1785.128
-2.16E-13 -1.23E-15 -3.43E-14
294.596481
0.50000 -35.602698 1809.503
-2.19E-13 -1.23E-15 -7.11E-15
69.932007
0.75000 -35.602698 1833.878
-2.22E-13 -1.23E-15 2.05E-14
-157.779341
1.00000 -35.602698 1858.253
-2.25E-13 -1.23E-15 4.84E-14
-388.537565

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 1760.753
-2.13E-13 -1.23E-15 -6.11E-14
516.214080
0.25000 -35.602698 1785.128
-2.16E-13 -1.23E-15 -3.43E-14
294.596481
0.50000 -35.602698 1809.503
-2.19E-13 -1.23E-15 -7.11E-15
69.932007
0.75000 -35.602698 1833.878
-2.22E-13 -1.23E-15 2.05E-14
-157.779341
1.00000 -35.602698 1858.253
-2.25E-13 -1.23E-15 4.84E-14
-388.537565

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.526357 46.497134
-5.63E-15 1.14E-17 -1.01E-13
840.961446
0.25000 -24.526357 70.872134
-8.58E-15 1.14E-17 -9.99E-14
833.625867
0.50000 -24.526357 95.247134
-1.15E-14 1.14E-17 -9.86E-14
823.243412

0.75000 -24.526357 119.622134
-1.45E-14 1.14E-17 -9.70E-14
809.814083
1.00000 -24.526357 143.997134
-1.74E-14 1.14E-17 -9.50E-14
793.337879

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.526357 46.497134
-5.63E-15 1.14E-17 -1.01E-13
840.961446
0.25000 -24.526357 70.872134
-8.58E-15 1.14E-17 -9.99E-14
833.625867
0.50000 -24.526357 95.247134
-1.15E-14 1.14E-17 -9.86E-14
823.243412
0.75000 -24.526357 119.622134
-1.45E-14 1.14E-17 -9.70E-14
809.814083
1.00000 -24.526357 143.997134
-1.74E-14 1.14E-17 -9.50E-14
793.337879

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 46.442040
-5.63E-15 1.35E-17 -1.45E-13
1209.444
0.25000 -9.184547 70.817040
-8.58E-15 1.35E-17 -1.44E-13
1202.115
0.50000 -9.184547 95.192040
-1.15E-14 1.35E-17 -1.43E-13
1191.739
0.75000 -9.184547 119.567040
-1.45E-14 1.35E-17 -1.41E-13
1178.317
1.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.526387 46.578697
-5.64E-15 1.13E-17 -1.01E-13
840.936069
0.25000 -24.526387 70.953697
-8.59E-15 1.13E-17 -9.99E-14
833.590295
0.50000 -24.526387 95.328697
-1.15E-14 1.13E-17 -9.86E-14
823.197645
0.75000 -24.526387 119.703697
-1.45E-14 1.13E-17 -9.70E-14
809.758120
1.00000 -24.526387 144.078697
-1.74E-14 1.13E-17 -9.50E-14
793.271721

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.526387 46.578697
-5.64E-15 1.13E-17 -1.01E-13
840.936069
0.25000 -24.526387 70.953697
-8.59E-15 1.13E-17 -9.99E-14
833.590295
0.50000 -24.526387 95.328697
-1.15E-14 1.13E-17 -9.86E-14
823.197645
0.75000 -24.526387 119.703697
-1.45E-14 1.13E-17 -9.70E-14
809.758120
1.00000 -24.526387 144.078697
-1.74E-14 1.13E-17 -9.50E-14
793.271721

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.151222 2890.457
-3.50E-13 -2.06E-15 4.44E-14
-363.592437
0.25000 -77.151222 2914.832
-3.53E-13 -2.06E-15 8.83E-14
-726.422982
0.50000 -77.151222 2939.207
-3.56E-13 -2.06E-15 1.33E-13
-1092.300
0.75000 -77.151222 2963.582
-3.59E-13 -2.06E-15 1.77E-13
-1461.225
1.00000 -77.151222 2987.957
-3.62E-13 -2.06E-15 2.22E-13
-1833.196

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.151222 2890.457
-3.50E-13 -2.06E-15 4.44E-14
-363.592437
0.25000 -77.151222 2914.832
-3.53E-13 -2.06E-15 8.83E-14
-726.422982
0.50000 -77.151222 2939.207
-3.56E-13 -2.06E-15 1.33E-13
-1092.300
0.75000 -77.151222 2963.582
-3.59E-13 -2.06E-15 1.77E-13
-1461.225
1.00000 -77.151222 2987.957
-3.62E-13 -2.06E-15 2.22E-13
-1833.196

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 SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2890.402
-3.50E-13 -2.06E-15 4.30E-16
4.889684
0.25000 -61.809411 2914.777
-3.53E-13 -2.06E-15 4.44E-14
-357.933974
0.50000 -61.809411 2939.152
-3.56E-13 -2.06E-15 8.87E-14
-723.804508
0.75000 -61.809411 2963.527
-3.59E-13 -2.06E-15 1.33E-13
-1092.722
1.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2890.402
-3.50E-13 -2.06E-15 4.30E-16
4.889684
0.25000 -61.809411 2914.777
-3.53E-13 -2.06E-15 4.44E-14
-357.933974
0.50000 -61.809411 2939.152
-3.56E-13 -2.06E-15 8.87E-14
-723.804508
0.75000 -61.809411 2963.527
-3.59E-13 -2.06E-15 1.33E-13
-1092.722
1.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -50.944479 1760.727
-2.13E-13 -1.24E-15 -1.72E-14
147.757335
0.25000 -50.944479 1785.102
-2.16E-13 -1.24E-15 9.65E-15
-73.856955
0.50000 -50.944479 1809.477
-2.19E-13 -1.24E-15 3.69E-14
-298.518120
0.75000 -50.944479 1833.852
-2.22E-13 -1.24E-15 6.44E-14
-526.226160
1.00000 -50.944479 1858.227
-2.25E-13 -1.24E-15 9.24E-14
-756.981075

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -50.944479 1760.727
-2.13E-13 -1.24E-15 -1.72E-14
147.757335
0.25000 -50.944479 1785.102
-2.16E-13 -1.24E-15 9.65E-15
-73.856955
0.50000 -50.944479 1809.477
-2.19E-13 -1.24E-15 3.69E-14
-298.518120
0.75000 -50.944479 1833.852
-2.22E-13 -1.24E-15 6.44E-14
-526.226160
1.00000 -50.944479 1858.227
-2.25E-13 -1.24E-15 9.24E-14
-756.981075

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1760.672
-2.13E-13 -1.23E-15 -6.11E-14
516.239456
0.25000 -35.602669 1785.047
-2.16E-13 -1.23E-15 -3.43E-14
294.632053
0.50000 -35.602669 1809.422
-2.19E-13 -1.23E-15 -7.11E-15
69.977775
0.75000 -35.602669 1833.797
-2.22E-13 -1.23E-15 2.05E-14
-157.723379
1.00000 -35.602669 1858.172
-2.25E-13 -1.23E-15 4.84E-14
-388.471407

COMB SVO13 ----------
MIN

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 SVO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -50.944509 1760.808
-2.13E-13 -1.24E-15 -1.72E-14
147.731958
0.25000 -50.944509 1785.183
-2.16E-13 -1.24E-15 9.65E-15
-73.892527
0.50000 -50.944509 1809.558
-2.19E-13 -1.24E-15 3.69E-14
-298.563887
0.75000 -50.944509 1833.933
-2.22E-13 -1.24E-15 6.44E-14
-526.282123
1.00000 -50.944509 1858.308
-2.25E-13 -1.24E-15 9.24E-14
-757.047233

COMB SVO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -50.944509 1760.808
-2.13E-13 -1.24E-15 -1.72E-14
147.731958
0.25000 -50.944509 1785.183
-2.16E-13 -1.24E-15 9.65E-15
-73.892527
0.50000 -50.944509 1809.558
-2.19E-13 -1.24E-15 3.69E-14
-298.563887
0.75000 -50.944509 1833.933
-2.22E-13 -1.24E-15 6.44E-14
-526.282123
1.00000 -50.944509 1858.308
-2.25E-13 -1.24E-15 9.24E-14
-757.047233

COMB SVO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 1760.753
-2.13E-13 -1.23E-15 -6.11E-14
516.214080
0.25000 -35.602698 1785.128
-2.16E-13 -1.23E-15 -3.43E-14
294.596481
0.50000 -35.602698 1809.503
-2.19E-13 -1.23E-15 -7.11E-15
69.932007
0.75000 -35.602698 1833.878
-2.22E-13 -1.23E-15 2.05E-14
-157.779341
1.00000 -35.602698 1858.253
-2.25E-13 -1.23E-15 4.84E-14
-388.537565

COMB SVO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 1760.753
-2.13E-13 -1.23E-15 -6.11E-14
516.214080
0.25000 -35.602698 1785.128
-2.16E-13 -1.23E-15 -3.43E-14
294.596481
0.50000 -35.602698 1809.503
-2.19E-13 -1.23E-15 -7.11E-15
69.932007
0.75000 -35.602698 1833.878
-2.22E-13 -1.23E-15 2.05E-14

-157.779341
1.00000 -35.602698 1858.253
-2.25E-13 -1.23E-15 4.84E-14
-388.537565

COMB ULO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458

COMB ULO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458

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 ULO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -80.352235 3757.522
-4.55E-13 -2.67E-15 5.58E-16
6.356590
0.25000 -80.352235 3789.210
-4.59E-13 -2.67E-15 5.77E-14
-465.314167
0.50000 -80.352235 3820.897
-4.63E-13 -2.67E-15 1.15E-13
-940.945861
0.75000 -80.352235 3852.585
-4.66E-13 -2.67E-15 1.73E-13
-1420.538
1.00000 -80.352235 3884.272
-4.70E-13 -2.67E-15 2.32E-13
-1904.092

COMB ULO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -80.352235 3757.522
-4.55E-13 -2.67E-15 5.58E-16
6.356590
0.25000 -80.352235 3789.210
-4.59E-13 -2.67E-15 5.77E-14
-465.314167
0.50000 -80.352235 3820.897
-4.63E-13 -2.67E-15 1.15E-13
-940.945861
0.75000 -80.352235 3852.585
-4.66E-13 -2.67E-15 1.73E-13
-1420.538
1.00000 -80.352235 3884.272
-4.70E-13 -2.67E-15 2.32E-13
-1904.092

COMB ULO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -46.283469 2288.873
-2.77E-13 -1.60E-15 -7.95E-14
671.111293
0.25000 -46.283469 2320.561
-2.81E-13 -1.60E-15 -4.46E-14
383.021669
0.50000 -46.283469 2352.248
-2.85E-13 -1.60E-15 -9.24E-15
90.971107
0.75000 -46.283469 2383.936
-2.89E-13 -1.60E-15 2.66E-14
-205.040392
1.00000 -46.283469 2415.623
-2.92E-13 -1.60E-15 6.29E-14
-505.012829

COMB ULO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -46.283469 2288.873
-2.77E-13 -1.60E-15 -7.95E-14
671.111293
0.25000 -46.283469 2320.561
-2.81E-13 -1.60E-15 -4.46E-14
383.021669
0.50000 -46.283469 2352.248
-2.85E-13 -1.60E-15 -9.24E-15
90.971107
0.75000 -46.283469 2383.936
-2.89E-13 -1.60E-15 2.66E-14
-205.040392
1.00000 -46.283469 2415.623
-2.92E-13 -1.60E-15 6.29E-14
-505.012829

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 ULO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -46.283508 2288.979
-2.77E-13 -1.60E-15 -7.95E-14
671.078304
0.25000 -46.283508 2320.667
-2.81E-13 -1.60E-15 -4.46E-14
382.975425
0.50000 -46.283508 2352.354
-2.85E-13 -1.60E-15 -9.24E-15
90.911610
0.75000 -46.283508 2384.042
-2.89E-13 -1.60E-15 2.66E-14
-205.113144
1.00000 -46.283508 2415.729
-2.92E-13 -1.60E-15 6.29E-14
-505.098835

COMB ULO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -46.283508 2288.979
-2.77E-13 -1.60E-15 -7.95E-14
671.078304
0.25000 -46.283508 2320.667
-2.81E-13 -1.60E-15 -4.46E-14
382.975425
0.50000 -46.283508 2352.354
-2.85E-13 -1.60E-15 -9.24E-15
90.911610
0.75000 -46.283508 2384.042
-2.89E-13 -1.60E-15 2.66E-14
-205.113144
1.00000 -46.283508 2415.729
-2.92E-13 -1.60E-15 6.29E-14
-505.098835

COMB ULO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 60.446274
-7.32E-15 1.48E-17 -1.31E-13
1093.250
0.25000 -31.884265 92.133774
-1.12E-14 1.48E-17 -1.30E-13
1083.714
0.50000 -31.884265 123.821274
-1.50E-14 1.48E-17 -1.28E-13
1070.216
0.75000 -31.884265 155.508774
-1.88E-14 1.48E-17 -1.26E-13
1052.758
1.00000 -31.884265 187.196274
-2.27E-14 1.48E-17 -1.23E-13
1031.339

COMB ULO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 60.446274
-7.32E-15 1.48E-17 -1.31E-13
1093.250
0.25000 -31.884265 92.133774
-1.12E-14 1.48E-17 -1.30E-13
1083.714
0.50000 -31.884265 123.821274
-1.50E-14 1.48E-17 -1.28E-13
1070.216
0.75000 -31.884265 155.508774
-1.88E-14 1.48E-17 -1.26E-13
1052.758
1.00000 -31.884265 187.196274
-2.27E-14 1.48E-17 -1.23E-13
1031.339

COMB ULO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277
0.25000 -11.939911 92.062152
-1.12E-14 1.75E-17 -1.87E-13
1562.749
0.50000 -11.939911 123.749652
-1.50E-14 1.75E-17 -1.85E-13
1549.261
0.75000 -11.939911 155.437152
-1.88E-14 1.75E-17 -1.83E-13
1531.812
1.00000 -11.939911 187.124652
-2.27E-14 1.75E-17 -1.81E-13
1510.402

COMB ULO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277
0.25000 -11.939911 92.062152
-1.12E-14 1.75E-17 -1.87E-13
1562.749
0.50000 -11.939911 123.749652
-1.50E-14 1.75E-17 -1.85E-13
1549.261
0.75000 -11.939911 155.437152
-1.88E-14 1.75E-17 -1.83E-13
1531.812
1.00000 -11.939911 187.124652
-2.27E-14 1.75E-17 -1.81E-13
1510.402

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 ULO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -31.884303 60.552306
-7.33E-15 1.48E-17 -1.31E-13
1093.217
0.25000 -31.884303 92.239806
-1.12E-14 1.48E-17 -1.30E-13
1083.667
0.50000 -31.884303 123.927306
-1.50E-14 1.48E-17 -1.28E-13
1070.157
0.75000 -31.884303 155.614806
-1.88E-14 1.48E-17 -1.26E-13
1052.686
1.00000 -31.884303 187.302306
-2.27E-14 1.48E-17 -1.23E-13
1031.253

COMB ULO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -31.884303 60.552306
-7.33E-15 1.48E-17 -1.31E-13
1093.217
0.25000 -31.884303 92.239806
-1.12E-14 1.48E-17 -1.30E-13
1083.667
0.50000 -31.884303 123.927306
-1.50E-14 1.48E-17 -1.28E-13
1070.157
0.75000 -31.884303 155.614806
-1.88E-14 1.48E-17 -1.26E-13
1052.686
1.00000 -31.884303 187.302306
-2.27E-14 1.48E-17 -1.23E-13
1031.253

COMB ULO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 60.480684
-7.33E-15 1.74E-17 -1.88E-13
1572.244
0.25000 -11.939949 92.168184
-1.12E-14 1.74E-17 -1.87E-13
1562.703
0.50000 -11.939949 123.855684
-1.50E-14 1.74E-17 -1.85E-13
1549.202
0.75000 -11.939949 155.543184
-1.88E-14 1.74E-17 -1.83E-13
1531.739
1.00000 -11.939949 187.230684
-2.27E-14 1.74E-17 -1.81E-13
1510.316

COMB ULO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -96.439028 3613.071
-4.37E-13 -2.57E-15 5.55E-14
-454.490546
0.25000 -96.439028 3643.540
-4.41E-13 -2.57E-15 1.10E-13
-908.028728
0.50000 -96.439028 3674.009
-4.45E-13 -2.57E-15 1.66E-13
-1365.376
0.75000 -96.439028 3704.477
-4.49E-13 -2.57E-15 2.22E-13
-1826.531
1.00000 -96.439028 3734.946

-4.52E-13 -2.57E-15 2.78E-13
-2291.495

COMB ULO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -96.439028 3613.071
-4.37E-13 -2.57E-15 5.55E-14
-454.490546
0.25000 -96.439028 3643.540
-4.41E-13 -2.57E-15 1.10E-13
-908.028728
0.50000 -96.439028 3674.009
-4.45E-13 -2.57E-15 1.66E-13
-1365.376
0.75000 -96.439028 3704.477
-4.49E-13 -2.57E-15 2.22E-13
-1826.531
1.00000 -96.439028 3734.946
-4.52E-13 -2.57E-15 2.78E-13
-2291.495

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 ULO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.261764 3613.002
-4.37E-13 -2.57E-15 5.37E-16
6.112105
0.25000 -77.261764 3643.471
-4.41E-13 -2.57E-15 5.54E-14
-447.417468
0.50000 -77.261764 3673.940
-4.45E-13 -2.57E-15 1.11E-13
-904.755635
0.75000 -77.261764 3704.408
-4.49E-13 -2.57E-15 1.67E-13
-1365.902
1.00000 -77.261764 3734.877
-4.52E-13 -2.57E-15 2.23E-13
-1830.858

COMB ULO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.261764 3613.002
-4.37E-13 -2.57E-15 5.37E-16
6.112105
0.25000 -77.261764 3643.471
-4.41E-13 -2.57E-15 5.54E-14
-447.417468
0.50000 -77.261764 3673.940
-4.45E-13 -2.57E-15 1.11E-13
-904.755635
0.75000 -77.261764 3704.408
-4.49E-13 -2.57E-15 1.67E-13
-1365.902
1.00000 -77.261764 3734.877
-4.52E-13 -2.57E-15 2.23E-13
-1830.858

COMB ULO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -63.680599 2200.909
-2.66E-13 -1.54E-15 -2.15E-14
184.696669
0.25000 -63.680599 2231.377
-2.70E-13 -1.54E-15 1.21E-14
-92.321194
0.50000 -63.680599 2261.846
-2.74E-13 -1.54E-15 4.61E-14
-373.147650
0.75000 -63.680599 2292.315
-2.78E-13 -1.54E-15 8.05E-14
-657.782700
1.00000 -63.680599 2322.784
-2.81E-13 -1.54E-15 1.15E-13
-946.226344

COMB ULO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -63.680599 2200.909
-2.66E-13 -1.54E-15 -2.15E-14
184.696669
0.25000 -63.680599 2231.377
-2.70E-13 -1.54E-15 1.21E-14
-92.321194
0.50000 -63.680599 2261.846
-2.74E-13 -1.54E-15 4.61E-14
-373.147650
0.75000 -63.680599 2292.315
-2.78E-13 -1.54E-15 8.05E-14
-657.782700
1.00000 -63.680599 2322.784
-2.81E-13 -1.54E-15 1.15E-13
-946.226344

COMB ULO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -44.503336 2200.840
-2.66E-13 -1.54E-15 -7.64E-14
645.299320
0.25000 -44.503336 2231.308
-2.70E-13 -1.54E-15 -4.29E-14
368.290066
0.50000 -44.503336 2261.777
-2.74E-13 -1.54E-15 -8.89E-15
87.472218
0.75000 -44.503336 2292.246
-2.78E-13 -1.54E-15 2.56E-14
-197.154223
1.00000 -44.503336 2322.715
-2.81E-13 -1.54E-15 6.05E-14
-485.589259

COMB ULO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -44.503336 2200.840
-2.66E-13 -1.54E-15 -7.64E-14
645.299320
0.25000 -44.503336 2231.308
-2.70E-13 -1.54E-15 -4.29E-14
368.290066
0.50000 -44.503336 2261.777
-2.74E-13 -1.54E-15 -8.89E-15
87.472218
0.75000 -44.503336 2292.246
-2.78E-13 -1.54E-15 2.56E-14
-197.154223
1.00000 -44.503336 2322.715
-2.81E-13 -1.54E-15 6.05E-14
-485.589259

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 ULO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -63.680636 2201.010
-2.66E-13 -1.54E-15 -2.15E-14
184.664948
0.25000 -63.680636 2231.479
-2.70E-13 -1.54E-15 1.21E-14
-92.365659
0.50000 -63.680636 2261.948
-2.74E-13 -1.54E-15 4.61E-14
-373.204859
0.75000 -63.680636 2292.417
-2.78E-13 -1.54E-15 8.05E-14
-657.852653
1.00000 -63.680636 2322.885
-2.81E-13 -1.54E-15 1.15E-13
-946.309041

COMB ULO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -63.680636 2201.010
-2.66E-13 -1.54E-15 -2.15E-14
184.664948
0.25000 -63.680636 2231.479
-2.70E-13 -1.54E-15 1.21E-14
-92.365659
0.50000 -63.680636 2261.948
-2.74E-13 -1.54E-15 4.61E-14
-373.204859
0.75000 -63.680636 2292.417
-2.78E-13 -1.54E-15 8.05E-14
-657.852653
1.00000 -63.680636 2322.885
-2.81E-13 -1.54E-15 1.15E-13
-946.309041

COMB ULO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -44.503373 2200.942
-2.66E-13 -1.54E-15 -7.64E-14
645.267600
0.25000 -44.503373 2231.410
-2.70E-13 -1.54E-15 -4.29E-14
368.245601
0.50000 -44.503373 2261.879
-2.74E-13 -1.54E-15 -8.88E-15
87.415009
0.75000 -44.503373 2292.348
-2.78E-13 -1.54E-15 2.56E-14
-197.224177
1.00000 -44.503373 2322.817
-2.81E-13 -1.54E-15 6.05E-14
-485.671956

COMB ULO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -44.503373 2200.942
-2.66E-13 -1.54E-15 -7.64E-14
645.267600
0.25000 -44.503373 2231.410
-2.70E-13 -1.54E-15 -4.29E-14
368.245601
0.50000 -44.503373 2261.879
-2.74E-13 -1.54E-15 -8.88E-15
87.415009
0.75000 -44.503373 2292.348
-2.78E-13 -1.54E-15 2.56E-14
-197.224177
1.00000 -44.503373 2322.817
-2.81E-13 -1.54E-15 6.05E-14
-485.671956

COMB ULO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB ULO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

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 ULO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277
0.25000 -11.939911 92.062152
-1.12E-14 1.75E-17 -1.87E-13
1562.749
0.50000 -11.939911 123.749652
-1.50E-14 1.75E-17 -1.85E-13
1549.261
0.75000 -11.939911 155.437152
-1.88E-14 1.75E-17 -1.83E-13
1531.812
1.00000 -11.939911 187.124652
-2.27E-14 1.75E-17 -1.81E-13
1510.402

COMB ULO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 60.374652
-7.31E-15 1.75E-17 -1.88E-13
1572.277
0.25000 -11.939911 92.062152
-1.12E-14 1.75E-17 -1.87E-13
1562.749
0.50000 -11.939911 123.749652
-1.50E-14 1.75E-17 -1.85E-13
1549.261
0.75000 -11.939911 155.437152
-1.88E-14 1.75E-17 -1.83E-13
1531.812
1.00000 -11.939911 187.124652
-2.27E-14 1.75E-17 -1.81E-13
1510.402

COMB ULO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.171294 3468.482
-4.20E-13 -2.47E-15 5.15E-16
5.867621
0.25000 -74.171294 3497.732
-4.23E-13 -2.47E-15 5.32E-14
-429.520769
0.50000 -74.171294 3526.982
-4.27E-13 -2.47E-15 1.06E-13
-868.565410
0.75000 -74.171294 3556.232
-4.31E-13 -2.47E-15 1.60E-13
-1311.266
1.00000 -74.171294 3585.482
-4.34E-13 -2.47E-15 2.14E-13
-1757.623

COMB ULO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.171294 3468.482
-4.20E-13 -2.47E-15 5.15E-16
5.867621
0.25000 -74.171294 3497.732
-4.23E-13 -2.47E-15 5.32E-14
-429.520769
0.50000 -74.171294 3526.982
-4.27E-13 -2.47E-15 1.06E-13
-868.565410
0.75000 -74.171294 3556.232
-4.31E-13 -2.47E-15 1.60E-13
-1311.266
1.00000 -74.171294 3585.482
-4.34E-13 -2.47E-15 2.14E-13
-1757.623

COMB UEO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 46.348243
-5.61E-15 1.35E-17 -1.45E-13
1209.473
0.25000 -9.184513 70.723243
-8.57E-15 1.35E-17 -1.44E-13
1202.156
0.50000 -9.184513 95.098243
-1.15E-14 1.35E-17 -1.43E-13
1191.792
0.75000 -9.184513 119.473243
-1.45E-14 1.35E-17 -1.41E-13
1178.381
1.00000 -9.184513 143.848243
-1.74E-14 1.35E-17 -1.39E-13
1161.924

COMB UEO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 46.348243
-5.61E-15 1.35E-17 -1.45E-13
1209.473
0.25000 -9.184513 70.723243
-8.57E-15 1.35E-17 -1.44E-13
1202.156
0.50000 -9.184513 95.098243
-1.15E-14 1.35E-17 -1.43E-13
1191.792
0.75000 -9.184513 119.473243
-1.45E-14 1.35E-17 -1.41E-13
1178.381
1.00000 -9.184513 143.848243
-1.74E-14 1.35E-17 -1.39E-13
1161.924

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 UEO02 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	46.523603	-5.63E-15	1.34E-17	-1.45E-13	1209.418
0.25000	-9.184576	70.898603	-8.59E-15	1.34E-17	-1.44E-13	1202.079
0.50000	-9.184576	95.273603	-1.15E-14	1.34E-17	-1.43E-13	1191.694
0.75000	-9.184576	119.648603	-1.45E-14	1.34E-17	-1.41E-13	1178.261
1.00000	-9.184576	144.023603	-1.74E-14	1.34E-17	-1.39E-13	1161.781

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	46.523603	-5.63E-15	1.34E-17	-1.45E-13	1209.418
0.25000	-9.184576	70.898603	-8.59E-15	1.34E-17	-1.44E-13	1202.079
0.50000	-9.184576	95.273603	-1.15E-14	1.34E-17	-1.43E-13	1191.694
0.75000	-9.184576	119.648603	-1.45E-14	1.34E-17	-1.41E-13	1178.261
1.00000	-9.184576	144.023603	-1.74E-14	1.34E-17	-1.39E-13	1161.781

COMB UEO03 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-77.596862	3743.565	-4.53E-13	-2.68E-15	4.40E-14	-356.468867
0.25000	-77.596862	3767.940	-4.56E-13	-2.68E-15	1.01E-13	-825.937957
0.50000	-77.596862	3792.315	-4.59E-13	-2.68E-15	1.58E-13	-1298.454
0.75000	-77.596862	3816.690	-4.62E-13	-2.68E-15	2.16E-13	-1774.017
1.00000	-77.596862	3841.065	-4.65E-13	-2.68E-15	2.74E-13	-2252.626

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-77.596862	3743.565	-4.53E-13	-2.68E-15	4.40E-14	-356.468867
0.25000	-77.596862	3767.940	-4.56E-13	-2.68E-15	1.01E-13	-825.937957
0.50000	-77.596862	3792.315	-4.59E-13	-2.68E-15	1.58E-13	-1298.454
0.75000	-77.596862	3816.690	-4.62E-13	-2.68E-15	2.16E-13	-1774.017
1.00000	-77.596862	3841.065	-4.65E-13	-2.68E-15	2.74E-13	-2252.626

COMB UEO04 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-43.528096	2274.916	-2.75E-13	-1.61E-15	-3.61E-14	308.285836
0.25000	-43.528096	2299.291	-2.78E-13	-1.61E-15	-1.46E-15	22.397878
0.50000	-43.528096	2323.666	-2.81E-13	-1.61E-15	3.35E-14	-266.536955
0.75000	-43.528096	2348.041	-2.84E-13	-1.61E-15	6.89E-14	-558.518663
1.00000	-43.528096	2372.416	-2.87E-13	-1.61E-15	1.05E-13	-853.547246

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-43.528096	2274.916	-2.75E-13	-1.61E-15	-3.61E-14	308.285836
0.25000	-43.528096	2299.291	-2.78E-13	-1.61E-15	-1.46E-15	22.397878
0.50000	-43.528096	2323.666	-2.81E-13	-1.61E-15	3.35E-14	-266.536955
0.75000	-43.528096	2348.041	-2.84E-13	-1.61E-15	6.89E-14	-558.518663
1.00000	-43.528096	2372.416	-2.87E-13	-1.61E-15	1.05E-13	-853.547246

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 UEO05 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-43.528135	2275.022	-2.75E-13	-1.61E-15	-3.61E-14	308.252847
0.25000	-43.528135	2299.397	-2.78E-13	-1.61E-15	-1.46E-15	22.351635
0.50000	-43.528135	2323.772	-2.81E-13	-1.61E-15	3.35E-14	-266.596452
0.75000	-43.528135	2348.147	-2.84E-13	-1.61E-15	6.89E-14	-558.591414
1.00000	-43.528135	2372.522	-2.87E-13	-1.61E-15	1.05E-13	-853.633251

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-43.528135	2275.022	-2.75E-13	-1.61E-15	-3.61E-14	308.252847
0.25000	-43.528135	2299.397	-2.78E-13	-1.61E-15	-1.46E-15	22.351635
0.50000	-43.528135	2323.772	-2.81E-13	-1.61E-15	3.35E-14	-266.596452
0.75000	-43.528135	2348.147	-2.84E-13	-1.61E-15	6.89E-14	-558.591414
1.00000	-43.528135	2372.522	-2.87E-13	-1.61E-15	1.05E-13	-853.633251

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-29.128892	46.489193	-5.63E-15	1.08E-17	-8.76E-14	730.424422
0.25000	-29.128892	70.864193	-8.58E-15	1.08E-17	-8.67E-14	723.089836
0.50000	-29.128892	95.239193	-1.15E-14	1.08E-17	-8.54E-14	712.708374
0.75000	-29.128892	119.614193	-1.45E-14	1.08E-17	-8.38E-14	699.280038
1.00000	-29.128892	143.989193	-1.74E-14	1.08E-17	-8.18E-14	682.804826

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-29.128892	46.489193	-5.63E-15	1.08E-17	-8.76E-14	730.424422
0.25000	-29.128892	70.864193	-8.58E-15	1.08E-17	-8.67E-14	723.089836
0.50000	-29.128892	95.239193	-1.15E-14	1.08E-17	-8.54E-14	712.708374
0.75000	-29.128892	119.614193	-1.45E-14	1.08E-17	-8.38E-14	699.280038
1.00000	-29.128892	143.989193	-1.74E-14	1.08E-17	-8.18E-14	682.804826

COMB UEO07 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184538	46.417571	-5.62E-15	1.35E-17	-1.45E-13	1209.451
0.25000	-9.184538	70.792571	-8.57E-15	1.35E-17	-1.44E-13	1202.126
0.50000	-9.184538	95.167571	-1.15E-14	1.35E-17	-1.43E-13	1191.753
0.75000	-9.184538	119.542571	-1.45E-14	1.35E-17	-1.41E-13	1178.334
1.00000	-9.184538	143.917571	-1.74E-14	1.35E-17	-1.39E-13	1161.867

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184538	46.417571	-5.62E-15	1.35E-17	-1.45E-13	1209.451
0.25000	-9.184538	70.792571	-8.57E-15	1.35E-17	-1.44E-13	1202.126
0.50000	-9.184538	95.167571	-1.15E-14	1.35E-17	-1.43E-13	1191.753
0.75000	-9.184538	119.542571	-1.45E-14	1.35E-17	-1.41E-13	1178.334
1.00000	-9.184538	143.917571	-1.74E-14	1.35E-17	-1.39E-13	1161.867

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 UEO08 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-29.128930	46.595225	-5.64E-15	1.07E-17	-8.76E-14	730.391433
0.25000	-29.128930	70.970225	-8.60E-15	1.07E-17	-8.67E-14	723.043592
0.50000	-29.128930	95.345225	-1.15E-14	1.07E-17	-8.54E-14	712.648877
0.75000	-29.128930	119.720225	-1.45E-14	1.07E-17	-8.38E-14	699.207286
1.00000	-29.128930	144.095225	-1.75E-14	1.07E-17	-8.18E-14	682.718820

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-29.128930	46.595225	-5.64E-15	1.07E-17	-8.76E-14	730.391433
0.25000	-29.128930	70.970225	-8.60E-15	1.07E-17	-8.67E-14	723.043592
0.50000	-29.128930	95.345225	-1.15E-14	1.07E-17	-8.54E-14	712.648877
0.75000	-29.128930	119.720225	-1.45E-14	1.07E-17	-8.38E-14	699.207286
1.00000	-29.128930	144.095225	-1.75E-14	1.07E-17	-8.18E-14	682.718820

COMB UEO09 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	46.523603	-5.63E-15	1.34E-17	-1.45E-13	1209.418
0.25000	-9.184576	70.898603	-8.59E-15	1.34E-17	-1.44E-13	1202.079
0.50000	-9.184576	95.273603	-1.15E-14	1.34E-17	-1.43E-13	1191.694
0.75000	-9.184576	119.648603	-1.45E-14	1.34E-17	-1.41E-13	1178.261
1.00000	-9.184576	144.023603	-1.74E-14	1.34E-17	-1.39E-13	1161.781

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-9.184576	46.523603	-5.63E-15	1.34E-17	-1.45E-13	1209.418
0.25000	-9.184576	70.898603	-8.59E-15	1.34E-17	-1.44E-13	1202.079
0.50000	-9.184576	95.273603	-1.15E-14	1.34E-17	-1.43E-13	1191.694
0.75000	-9.184576	119.648603	-1.45E-14	1.34E-17	-1.41E-13	1178.261
1.00000	-9.184576	144.023603	-1.74E-14	1.34E-17	-1.39E-13	1161.781

COMB UEO10 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-93.683655	3599.114	-4.36E-13	-2.58E-15	9.89E-14	-817.316003
0.25000	-93.683655	3622.270	-4.39E-13	-2.58E-15	1.54E-13	-1268.653
0.50000	-93.683655	3645.426	-4.41E-13	-2.58E-15	2.09E-13	-1722.884
0.75000	-93.683655	3668.583	-4.44E-13	-2.58E-15	2.64E-13	-2180.009
1.00000	-93.683655	3691.739	-4.47E-13	-2.58E-15	3.20E-13	-2640.029

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-93.683655	3599.114	-4.36E-13	-2.58E-15	9.89E-14	-817.316003
0.25000	-93.683655	3622.270	-4.39E-13	-2.58E-15	1.54E-13	-1268.653
0.50000	-93.683655	3645.426	-4.41E-13	-2.58E-15	2.09E-13	-1722.884
0.75000	-93.683655	3668.583	-4.44E-13	-2.58E-15	2.64E-13	-2180.009
1.00000	-93.683655	3691.739	-4.47E-13	-2.58E-15	3.20E-13	-2640.029

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 UEO11 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-74.506391	3599.045	-4.36E-13	-2.57E-15	4.39E-14	-356.713352
0.25000	-74.506391	3622.201	-4.39E-13	-2.57E-15	9.86E-14	-808.041259
0.50000	-74.506391	3645.358	-4.41E-13	-2.57E-15	1.54E-13	

-1262.264
0.75000 -74.506391 3668.514
-4.44E-13 -2.57E-15 2.09E-13
-1719.381
1.00000 -74.506391 3691.670
-4.47E-13 -2.57E-15 2.65E-13
-2179.392

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3599.045
-4.36E-13 -2.57E-15 4.39E-14
-356.713352
0.25000 -74.506391 3622.201
-4.39E-13 -2.57E-15 9.86E-14
-808.041259
0.50000 -74.506391 3645.358
-4.41E-13 -2.57E-15 1.54E-13
-1262.264
0.75000 -74.506391 3668.514
-4.44E-13 -2.57E-15 2.09E-13
-1719.381
1.00000 -74.506391 3691.670
-4.47E-13 -2.57E-15 2.65E-13
-2179.392

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2186.951
-2.65E-13 -1.55E-15 2.19E-14
-178.128788
0.25000 -60.925227 2210.108
-2.68E-13 -1.55E-15 5.52E-14
-452.944985
0.50000 -60.925227 2233.264
-2.70E-13 -1.55E-15 8.88E-14
-730.655712
0.75000 -60.925227 2256.420
-2.73E-13 -1.55E-15 1.23E-13
-1011.261
1.00000 -60.925227 2279.576
-2.76E-13 -1.55E-15 1.57E-13
-1294.761

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2186.951
-2.65E-13 -1.55E-15 2.19E-14
-178.128788
0.25000 -60.925227 2210.108
-2.68E-13 -1.55E-15 5.52E-14
-452.944985
0.50000 -60.925227 2233.264
-2.70E-13 -1.55E-15 8.88E-14
-730.655712
0.75000 -60.925227 2256.420
-2.73E-13 -1.55E-15 1.23E-13
-1011.261
1.00000 -60.925227 2279.576
-2.76E-13 -1.55E-15 1.57E-13
-1294.761

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2186.883
-2.65E-13 -1.55E-15 -3.30E-14
282.473863
0.25000 -41.747963 2210.039
-2.68E-13 -1.55E-15 2.55E-16
7.666276
0.50000 -41.747963 2233.195
-2.70E-13 -1.55E-15 3.39E-14
-270.035843
0.75000 -41.747963 2256.351
-2.73E-13 -1.55E-15 6.79E-14
-550.632494
1.00000 -41.747963 2279.508
-2.76E-13 -1.55E-15 1.02E-13
-834.123675

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2186.883
-2.65E-13 -1.55E-15 -3.30E-14
282.473863
0.25000 -41.747963 2210.039
-2.68E-13 -1.55E-15 2.55E-16
7.666276
0.50000 -41.747963 2233.195
-2.70E-13 -1.55E-15 3.39E-14
-270.035843
0.75000 -41.747963 2256.351
-2.73E-13 -1.55E-15 6.79E-14
-550.632494
1.00000 -41.747963 2279.508
-2.76E-13 -1.55E-15 1.02E-13
-834.123675
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 405

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2187.053
-2.65E-13 -1.55E-15 2.19E-14
-178.160509
0.25000 -60.925263 2210.210
-2.68E-13 -1.55E-15 5.52E-14
-452.989449
0.50000 -60.925263 2233.366
-2.70E-13 -1.55E-15 8.88E-14
-730.712921
0.75000 -60.925263 2256.522
-2.73E-13 -1.55E-15 1.23E-13
-1011.331
1.00000 -60.925263 2279.678
-2.76E-13 -1.55E-15 1.57E-13
-1294.843

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2187.053
-2.65E-13 -1.55E-15 2.19E-14
-178.160509
0.25000 -60.925263 2210.210
-2.68E-13 -1.55E-15 5.52E-14
-452.989449
0.50000 -60.925263 2233.366
-2.70E-13 -1.55E-15 8.88E-14
-730.712921
0.75000 -60.925263 2256.522
-2.73E-13 -1.55E-15 1.23E-13
-1011.331
1.00000 -60.925263 2279.678
-2.76E-13 -1.55E-15 1.57E-13
-1294.843

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 2186.985
-2.65E-13 -1.55E-15 -3.30E-14
282.442143
0.25000 -41.748000 2210.141
-2.68E-13 -1.55E-15 2.60E-16
7.621811
0.50000 -41.748000 2233.297
-2.70E-13 -1.55E-15 3.39E-14
-270.093053
0.75000 -41.748000 2256.453
-2.73E-13 -1.55E-15 6.79E-14
-550.702447
1.00000 -41.748000 2279.610
-2.76E-13 -1.55E-15 1.02E-13
-834.206373

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 2186.985
-2.65E-13 -1.55E-15 -3.30E-14
282.442143
0.25000 -41.748000 2210.141
-2.68E-13 -1.55E-15 2.60E-16
7.621811
0.50000 -41.748000 2233.297
-2.70E-13 -1.55E-15 3.39E-14
-270.093053
0.75000 -41.748000 2256.453
-2.73E-13 -1.55E-15 6.79E-14
-550.702447
1.00000 -41.748000 2279.610
-2.76E-13 -1.55E-15 1.02E-13
-834.206373

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.523603
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.898603
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.273603
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.648603
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 406

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451
0.25000 -9.184538 70.792571
-8.57E-15 1.35E-17 -1.44E-13
1202.126
0.50000 -9.184538 95.167571
-1.15E-14 1.35E-17 -1.43E-13
1191.753
0.75000 -9.184538 119.542571
-1.45E-14 1.35E-17 -1.41E-13
1178.334
1.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 46.417571
-5.62E-15 1.35E-17 -1.45E-13
1209.451
0.25000 -9.184538 70.792571
-8.57E-15 1.35E-17 -1.44E-13
1202.126
0.50000 -9.184538 95.167571
-1.15E-14 1.35E-17 -1.43E-13
1191.753
0.75000 -9.184538 119.542571
-1.45E-14 1.35E-17 -1.41E-13
1178.334
1.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 3454.525
-4.18E-13 -2.47E-15 4.39E-14
-356.957836
0.25000 -71.415921 3476.463
-4.21E-13 -2.47E-15 9.64E-14
-790.144560
0.50000 -71.415921 3498.400
-4.24E-13 -2.47E-15 1.49E-13
-1226.073
0.75000 -71.415921 3520.338
-4.26E-13 -2.47E-15 2.02E-13
-1664.745
1.00000 -71.415921 3542.275
-4.29E-13 -2.47E-15 2.56E-13
-2106.158

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 3454.525
-4.18E-13 -2.47E-15 4.39E-14
-356.957836
0.25000 -71.415921 3476.463
-4.21E-13 -2.47E-15 9.64E-14
-790.144560
0.50000 -71.415921 3498.400
-4.24E-13 -2.47E-15 1.49E-13
-1226.073
0.75000 -71.415921 3520.338
-4.26E-13 -2.47E-15 2.02E-13
-1664.745
1.00000 -71.415921 3542.275
-4.29E-13 -2.47E-15 2.56E-13
-2106.158

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 407

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 46.523603
-5.61E-15 1.35E-17 -1.45E-13
1209.473
0.25000 -9.184513 70.898603
-8.57E-15 1.35E-17 -1.44E-13
1202.156
0.50000 -9.184513 95.273603
-1.15E-14 1.35E-17 -1.43E-13
1191.792
0.75000 -9.184513 119.648603
-1.45E-14 1.35E-17 -1.41E-13
1178.381
1.00000 -9.184513 144.023603
-1.74E-14 1.35E-17 -1.39E-13
1161.924

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.348243
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.723243
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.098243
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.473243

-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 143.848243
-1.74E-14 1.34E-17 -1.39E-13
1161.781

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 60.305324
-7.30E-15 1.76E-17 -1.88E-13
1572.298
0.25000 -11.939886 91.992824
-1.11E-14 1.76E-17 -1.87E-13
1562.780
0.50000 -11.939886 123.680324
-1.50E-14 1.76E-17 -1.85E-13
1549.300
0.75000 -11.939886 155.367824
-1.88E-14 1.76E-17 -1.83E-13
1531.859
1.00000 -11.939886 187.055324
-2.27E-14 1.76E-17 -1.81E-13
1510.458

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 46.523603
-5.61E-15 1.35E-17 -1.45E-13
1209.473
0.25000 -9.184513 70.898603
-8.57E-15 1.35E-17 -1.44E-13
1202.156
0.50000 -9.184513 95.273603
-1.15E-14 1.35E-17 -1.43E-13
1191.792
0.75000 -9.184513 119.648603
-1.45E-14 1.35E-17 -1.41E-13
1178.381
1.00000 -9.184513 144.023603
-1.74E-14 1.35E-17 -1.39E-13
1161.924

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 46.348243
-5.63E-15 1.34E-17 -1.45E-13
1209.418
0.25000 -9.184576 70.723243
-8.59E-15 1.34E-17 -1.44E-13
1202.079
0.50000 -9.184576 95.098243
-1.15E-14 1.34E-17 -1.43E-13
1191.694
0.75000 -9.184576 119.473243
-1.45E-14 1.34E-17 -1.41E-13
1178.261
1.00000 -9.184576 143.848243
-1.74E-14 1.34E-17 -1.39E-13
1161.781
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 408

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 8 ==========
LENGTH = 1.615000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -8.01E-18
0.066158
0.25000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -1.20E-17
0.099089
0.50000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -1.60E-17
0.132020
0.75000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -2.00E-17
0.164951
1.00000 2.95E-05 -0.081563
9.88E-18 5.93E-20 -2.40E-17
0.197883

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 3.16E-17 6.10E-16
5.048043 -5.784978 65.719352
8.93E-15
0.25000 3.16E-17 1.08E-15
8.969464 -5.784978 62.908925
8.59E-15
0.50000 3.16E-17 1.63E-15
13.466230 -5.784978 58.399078
8.05E-15
0.75000 3.16E-17 2.24E-15
18.538339 -5.784978 51.957513
7.27E-15
1.00000 3.16E-17 2.93E-15
24.185793 -5.784978 43.351937
6.22E-15

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 1.52E-26 1.49E-24
1.08E-08 7.35E-09 -5.94E-09
-2.47E-24
0.25000 1.52E-26 1.49E-24
1.08E-08 7.35E-09 -1.03E-08
-3.07E-24
0.50000 1.52E-26 1.49E-24
1.08E-08 7.35E-09 -1.47E-08
-3.67E-24
0.75000 1.52E-26 1.49E-24
1.08E-08 7.35E-09 -1.91E-08
-4.27E-24
1.00000 1.52E-26 1.49E-24
1.08E-08 7.35E-09 -2.34E-08
-4.87E-24

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 3.17E-13
-2626.468
0.25000 -52.624835 2843.878
-3.44E-13 -2.07E-15 4.56E-13
-3774.683
0.50000 -52.624835 2843.878
-3.44E-13 -2.07E-15 5.95E-13
-4922.899
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 409

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 -52.624835 2843.878
-3.44E-13 -2.07E-15 7.34E-13
-6071.115
1.00000 -52.624835 2843.878
-3.44E-13 -2.07E-15 8.73E-13
-7219.331

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 2.87E-14
-237.085159
0.25000 -0.105704 292.290603
-3.54E-14 -2.13E-16 4.30E-14
-355.097490
0.50000 -0.105704 292.290603
-3.54E-14 -2.13E-16 5.73E-14
-473.109821
0.75000 -0.105704 292.290603
-3.54E-14 -2.13E-16 7.16E-14
-591.122152
1.00000 -0.105704 292.290603
-3.54E-14 -2.13E-16 8.58E-14
-709.134483

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.509668
0.25000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.531912
0.50000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.554156
0.75000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.576400
1.00000 -15.341811 0.055093
-6.59E-18 -2.06E-18 4.40E-14
-368.598644

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848
0.25000 -9.184547 228.906181
-2.77E-14 1.35E-17 -1.30E-13
1086.998
0.50000 -9.184547 326.336103
-3.95E-14 1.35E-17 -1.16E-13
975.328120
0.75000 -9.184547 436.231806
-5.28E-14 1.35E-17 -9.78E-14
821.804145
1.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848
0.25000 -9.184547 228.906181
-2.77E-14 1.35E-17 -1.30E-13
1086.998
0.50000 -9.184547 326.336103
-3.95E-14 1.35E-17 -1.16E-13
975.328120
0.75000 -9.184547 436.231806
-5.28E-14 1.35E-17 -9.78E-14
821.804145
1.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 410

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 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781
0.25000 -9.184576 228.987744
8.969464 -5.784978 62.908925
1086.899
0.50000 -9.184576 326.417666
13.466230 -5.784978 58.399078
975.196099
0.75000 -9.184576 436.313369
18.538339 -5.784978 51.957513
821.639193
1.00000 -9.184576 558.674853
24.185793 -5.784978 43.351937
621.195367

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
5.048043 -5.784978 65.719352
1161.781
0.25000 -9.184576 228.987744
8.969464 -5.784978 62.908925
1086.899
0.50000 -9.184576 326.417666
13.466230 -5.784978 58.399078
975.196099
0.75000 -9.184576 436.313369
18.538339 -5.784978 51.957513
821.639193

```
 1.00000      -9.184576     558.674853
24.185793     -5.784978      43.351937
621.195367

 COMB      SVB04 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
2.524021      -2.892489      32.859676
1161.848
 0.25000      -9.184547     228.906181
4.484732      -2.892489      31.454463
1086.998
 0.50000      -9.184547     326.336103
6.733115      -2.892489      29.199539
975.328120
 0.75000      -9.184547     436.231806
9.269170      -2.892489      25.978756
821.804145
 1.00000      -9.184547     558.593290
12.092896     -2.892489      21.675968
621.393250

 COMB      SVB04 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
2.524021      -2.892489      32.859676
1161.848
 0.25000      -9.184547     228.906181
4.484732      -2.892489      31.454463
1086.998
 0.50000      -9.184547     326.336103
6.733115      -2.892489      29.199539
975.328120
 0.75000      -9.184547     436.231806
9.269170      -2.892489      25.978756
821.804145
 1.00000      -9.184547     558.593290
12.092896     -2.892489      21.675968
621.393250
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                      Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체                          411

 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      SVB05 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
2.524021      -2.892489      32.859676
1161.781
 0.25000      -9.184576     228.987744
4.484732      -2.892489      31.454463
1086.899
 0.50000      -9.184576     326.417666
6.733115      -2.892489      29.199539
975.196099
 0.75000      -9.184576     436.313369
9.269170      -2.892489      25.978756
821.639193
 1.00000      -9.184576     558.674853
12.092896     -2.892489      21.675968
621.195367

 COMB      SVB05 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
2.524021      -2.892489      32.859676
1161.781
 0.25000      -9.184576     228.987744
4.484732      -2.892489      31.454463
1086.899
 0.50000      -9.184576     326.417666
6.733115      -2.892489      29.199539
975.196099
 0.75000      -9.184576     436.313369
9.269170      -2.892489      25.978756
821.639193
 1.00000      -9.184576     558.674853
12.092896     -2.892489      21.675968
621.195367

 COMB      SVB06 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
1.08E-08      7.35E-09      -5.94E-09
1161.848
 0.25000      -9.184547     228.906181
1.08E-08      7.35E-09      -1.03E-08
1086.998
 0.50000      -9.184547     326.336103
1.08E-08      7.35E-09      -1.47E-08
975.328120
 0.75000      -9.184547     436.231806
1.08E-08      7.35E-09      -1.91E-08
821.804145
 1.00000      -9.184547     558.593290
1.08E-08      7.35E-09      -2.34E-08
621.393250

 COMB      SVB06 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
1.08E-08      7.35E-09      -5.94E-09
1161.848
 0.25000      -9.184547     228.906181
1.08E-08      7.35E-09      -1.03E-08
1086.998
 0.50000      -9.184547     326.336103
1.08E-08      7.35E-09      -1.47E-08
975.328120
 0.75000      -9.184547     436.231806
1.08E-08      7.35E-09      -1.91E-08
821.804145
 1.00000      -9.184547     558.593290
1.08E-08      7.35E-09      -2.34E-08
621.393250

 COMB      SVB07 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
-1.74E-14     1.35E-17      -1.39E-13
1161.848
 0.25000      -9.184547     228.906181
-2.77E-14     1.35E-17      -1.30E-13
1086.998
 0.50000      -9.184547     326.336103
-3.95E-14     1.35E-17      -1.16E-13
975.328120
 0.75000      -9.184547     436.231806
-5.28E-14     1.35E-17      -9.78E-14
821.804145
 1.00000      -9.184547     558.593290
-6.76E-14     1.35E-17      -7.35E-14
621.393250

 COMB      SVB07 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
-1.74E-14     1.35E-17      -1.39E-13
1161.848
 0.25000      -9.184547     228.906181
-2.77E-14     1.35E-17      -1.30E-13
1086.998
 0.50000      -9.184547     326.336103
-3.95E-14     1.35E-17      -1.16E-13
975.328120
 0.75000      -9.184547     436.231806
-5.28E-14     1.35E-17      -9.78E-14
821.804145
 1.00000      -9.184547     558.593290
-6.76E-14     1.35E-17      -7.35E-14
621.393250
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                      Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체                          412

 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      SVB08 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
1.08E-08      7.35E-09      -5.94E-09
1161.781
 0.25000      -9.184576     228.987744
1.08E-08      7.35E-09      -1.03E-08
1086.899
 0.50000      -9.184576     326.417666
1.08E-08      7.35E-09      -1.47E-08
975.196099
 0.75000      -9.184576     436.313369
1.08E-08      7.35E-09      -1.91E-08
821.639193
 1.00000      -9.184576     558.674853
1.08E-08      7.35E-09      -2.34E-08
621.195367

 COMB      SVB08 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
1.08E-08      7.35E-09      -5.94E-09
1161.781
 0.25000      -9.184576     228.987744
1.08E-08      7.35E-09      -1.03E-08
1086.899
 0.50000      -9.184576     326.417666
1.08E-08      7.35E-09      -1.47E-08
975.196099
 0.75000      -9.184576     436.313369
1.08E-08      7.35E-09      -1.91E-08
821.639193
 1.00000      -9.184576     558.674853
1.08E-08      7.35E-09      -2.34E-08
621.195367

 COMB      SVB09 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
-1.74E-14     1.34E-17      -1.39E-13
1161.781
 0.25000      -9.184576     228.987744
-2.77E-14     1.34E-17      -1.30E-13
1086.899
 0.50000      -9.184576     326.417666
-3.95E-14     1.34E-17      -1.16E-13
975.196099
 0.75000      -9.184576     436.313369
-5.28E-14     1.34E-17      -9.77E-14
821.639193
 1.00000      -9.184576     558.674853
-6.77E-14     1.34E-17      -7.35E-14
621.195367

 COMB      SVB09 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
-1.74E-14     1.34E-17      -1.39E-13
1161.781
 0.25000      -9.184576     228.987744
-2.77E-14     1.34E-17      -1.30E-13
1086.899
 0.50000      -9.184576     326.417666
-3.95E-14     1.34E-17      -1.16E-13
975.196099
 0.75000      -9.184576     436.313369
-5.28E-14     1.34E-17      -9.77E-14
821.639193
 1.00000      -9.184576     558.674853
-6.77E-14     1.34E-17      -7.35E-14
621.195367

 COMB      SVB10 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
5.048043      -5.784978      65.719352
1161.781
 0.25000      -9.184576     228.987744
8.969464      -5.784978      62.908925
1086.899
 0.50000      -9.184576     326.417666
13.466230     -5.784978      58.399078
975.196099
 0.75000      -9.184576     436.313369
18.538339     -5.784978      51.957513
821.639193
 1.00000      -9.184576     558.674853
24.185793     -5.784978      43.351937
621.195367

 COMB      SVB10 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
5.048043      -5.784978      65.719352
1161.781
 0.25000      -9.184576     228.987744
8.969464      -5.784978      62.908925
1086.899
 0.50000      -9.184576     326.417666
13.466230     -5.784978      58.399078
975.196099
 0.75000      -9.184576     436.313369
18.538339     -5.784978      51.957513
821.639193
 1.00000      -9.184576     558.674853
24.185793     -5.784978      43.351937
621.195367
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                      Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체                          413

 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      SVB11 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
5.048043      -5.784978      65.719352
1161.781
 0.25000      -9.184576     228.987744
8.969464      -5.784978      62.908925
1086.899
 0.50000      -9.184576     326.417666
13.466230     -5.784978      58.399078
975.196099
 0.75000      -9.184576     436.313369
18.538339     -5.784978      51.957513
821.639193
 1.00000      -9.184576     558.674853
24.185793     -5.784978      43.351937
621.195367

 COMB      SVB11 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184576     144.023603
5.048043      -5.784978      65.719352
1161.781
 0.25000      -9.184576     228.987744
8.969464      -5.784978      62.908925
1086.899
 0.50000      -9.184576     326.417666
13.466230     -5.784978      58.399078
975.196099
 0.75000      -9.184576     436.313369
18.538339     -5.784978      51.957513
821.639193
 1.00000      -9.184576     558.674853
24.185793     -5.784978      43.351937
621.195367

 COMB      SVB12 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
2.524021      -2.892489      32.859676
1161.848
 0.25000      -9.184547     228.906181
4.484732      -2.892489      31.454463
1086.998
 0.50000      -9.184547     326.336103
6.733115      -2.892489      29.199539
975.328120
 0.75000      -9.184547     436.231806
9.269170      -2.892489      25.978756
821.804145
 1.00000      -9.184547     558.593290
12.092896     -2.892489      21.675968
621.393250

 COMB      SVB12 --------------------
MIN

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
2.524021      -2.892489      32.859676
1161.848
 0.25000      -9.184547     228.906181
4.484732      -2.892489      31.454463
1086.998
 0.50000      -9.184547     326.336103
6.733115      -2.892489      29.199539
975.328120
 0.75000      -9.184547     436.231806
9.269170      -2.892489      25.978756
821.804145
 1.00000      -9.184547     558.593290
12.092896     -2.892489      21.675968
621.393250

 COMB      SVB13 --------------------
MAX

 REL DIST              P              V2
V3            T             M2             M3
 0.00000      -9.184547     143.942040
2.524021      -2.892489      32.859676
1161.848
 0.25000      -9.184547     228.906181
4.484732      -2.892489      31.454463
1086.998
 0.50000      -9.184547     326.336103
6.733115      -2.892489      29.199539
975.328120
 0.75000      -9.184547     436.231806
9.269170      -2.892489      25.978756
821.804145
 1.00000      -9.184547     558.593290
12.092896     -2.892489      21.675968
```

621.393250

COMB SVB13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	143.942040
2.524021	-2.892489	32.859676
1161.848		
0.25000	-9.184547	228.906181
4.484732	-2.892489	31.454463
1086.998		
0.50000	-9.184547	326.336103
6.733115	-2.892489	29.199539
975.328120		
0.75000	-9.184547	436.231806
9.269170	-2.892489	25.978756
821.804145		
1.00000	-9.184547	558.593290
12.092896	-2.892489	21.675968
621.393250		

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 SVB14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
2.524021	-2.892489	32.859676
1161.781		
0.25000	-9.184576	228.987744
4.484732	-2.892489	31.454463
1086.899		
0.50000	-9.184576	326.417666
6.733115	-2.892489	29.199539
975.196099		
0.75000	-9.184576	436.313369
9.269170	-2.892489	25.978756
821.639193		
1.00000	-9.184576	558.674853
12.092896	-2.892489	21.675968
621.195367		

COMB SVB14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
2.524021	-2.892489	32.859676
1161.781		
0.25000	-9.184576	228.987744
4.484732	-2.892489	31.454463
1086.899		
0.50000	-9.184576	326.417666
6.733115	-2.892489	29.199539
975.196099		
0.75000	-9.184576	436.313369
9.269170	-2.892489	25.978756
821.639193		
1.00000	-9.184576	558.674853
12.092896	-2.892489	21.675968
621.195367		

COMB SVB15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
2.524021	-2.892489	32.859676
1161.781		
0.25000	-9.184576	228.987744
4.484732	-2.892489	31.454463
1086.899		
0.50000	-9.184576	326.417666
6.733115	-2.892489	29.199539
975.196099		
0.75000	-9.184576	436.313369
9.269170	-2.892489	25.978756
821.639193		
1.00000	-9.184576	558.674853
12.092896	-2.892489	21.675968
621.195367		

COMB SVB15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
2.524021	-2.892489	32.859676
1161.781		
0.25000	-9.184576	228.987744
4.484732	-2.892489	31.454463
1086.899		
0.50000	-9.184576	326.417666
6.733115	-2.892489	29.199539
975.196099		
0.75000	-9.184576	436.313369
9.269170	-2.892489	25.978756
821.639193		
1.00000	-9.184576	558.674853
12.092896	-2.892489	21.675968
621.195367		

COMB ULB01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

COMB ULB01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

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 ULB02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULB02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULB03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
6.562455	-7.520471	85.435157
1510.316		
0.25000	-11.939949	297.684067
11.660304	-7.520471	81.781603
1412.969		
0.50000	-11.939949	424.342966
17.506099	-7.520471	75.918801
1267.755		
0.75000	-11.939949	567.207380
24.099841	-7.520471	67.544767
1068.131		
1.00000	-11.939949	726.277309
31.441530	-7.520471	56.357518
807.553978		

COMB ULB03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
6.562455	-7.520471	85.435157
1510.316		
0.25000	-11.939949	297.684067
11.660304	-7.520471	81.781603
1412.969		
0.50000	-11.939949	424.342966
17.506099	-7.520471	75.918801
1267.755		
0.75000	-11.939949	567.207380
24.099841	-7.520471	67.544767
1068.131		
1.00000	-11.939949	726.277309
31.441530	-7.520471	56.357518
807.553978		

COMB ULB04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
3.281228	-3.760236	42.717579
1510.402		
0.25000	-11.939911	297.578035
5.830152	-3.760236	40.890802
1413.098		
0.50000	-11.939911	424.236933
8.753050	-3.760236	37.959400
1267.927		
0.75000	-11.939911	567.101348
12.049921	-3.760236	33.772383
1068.345		
1.00000	-11.939911	726.171277
15.720765	-3.760236	28.178759
807.811225		

COMB ULB04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
3.281228	-3.760236	42.717579
1510.402		
0.25000	-11.939911	297.578035
5.830152	-3.760236	40.890802
1413.098		
0.50000	-11.939911	424.236933
8.753050	-3.760236	37.959400
1267.927		
0.75000	-11.939911	567.101348
12.049921	-3.760236	33.772383
1068.345		
1.00000	-11.939911	726.171277
15.720765	-3.760236	28.178759
807.811225		

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 ULB05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
3.281228	-3.760236	42.717579
1510.316		
0.25000	-11.939949	297.684067
5.830152	-3.760236	40.890802
1412.969		
0.50000	-11.939949	424.342966
8.753050	-3.760236	37.959400
1267.755		
0.75000	-11.939949	567.207380
12.049921	-3.760236	33.772383
1068.131		
1.00000	-11.939949	726.277309
15.720765	-3.760236	28.178759
807.553978		

COMB ULB05 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
3.281228	-3.760236	42.717579
1510.316		
0.25000	-11.939949	297.684067
5.830152	-3.760236	40.890802
1412.969		
0.50000	-11.939949	424.342966
8.753050	-3.760236	37.959400
1267.755		
0.75000	-11.939949	567.207380
12.049921	-3.760236	33.772383
1068.131		
1.00000	-11.939949	726.277309
15.720765	-3.760236	28.178759
807.553978		

COMB ULB06 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
1.41E-08	9.55E-09	-7.72E-09
1510.402		
0.25000	-11.939911	297.578035
1.41E-08	9.55E-09	-1.34E-08
1413.098		
0.50000	-11.939911	424.236933
1.41E-08	9.55E-09	-1.91E-08
1267.927		
0.75000	-11.939911	567.101348
1.41E-08	9.55E-09	-2.48E-08
1068.345		
1.00000	-11.939911	726.171277
1.41E-08	9.55E-09	-3.04E-08
807.811225		

COMB ULB06 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
1.41E-08	9.55E-09	-7.72E-09
1510.402		
0.25000	-11.939911	297.578035
1.41E-08	9.55E-09	-1.34E-08
1413.098		
0.50000	-11.939911	424.236933
1.41E-08	9.55E-09	-1.91E-08
1267.927		
0.75000	-11.939911	567.101348
1.41E-08	9.55E-09	-2.48E-08
1068.345		
1.00000	-11.939911	726.171277
1.41E-08	9.55E-09	-3.04E-08
807.811225		

COMB ULB07 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		
0.25000	-11.939911	297.578035
-3.60E-14	1.75E-17	-1.69E-13
1413.098		
0.50000	-11.939911	424.236933
-5.14E-14	1.75E-17	-1.51E-13
1267.927		
0.75000	-11.939911	567.101348
-6.87E-14	1.75E-17	-1.27E-13
1068.345		
1.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		

COMB ULB07 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		
0.25000	-11.939911	297.578035
-3.60E-14	1.75E-17	-1.69E-13
1413.098		
0.50000	-11.939911	424.236933
-5.14E-14	1.75E-17	-1.51E-13
1267.927		
0.75000	-11.939911	567.101348
-6.87E-14	1.75E-17	-1.27E-13
1068.345		
1.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		

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 ULB08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
1.41E-08	9.55E-09	-7.72E-09
1510.316		
0.25000	-11.939949	297.684067
1.41E-08	9.55E-09	-1.34E-08
1412.969		
0.50000	-11.939949	424.342966
1.41E-08	9.55E-09	-1.91E-08
1267.755		
0.75000	-11.939949	567.207380
1.41E-08	9.55E-09	-2.48E-08
1068.131		
1.00000	-11.939949	726.277309
1.41E-08	9.55E-09	-3.04E-08
807.553978		

COMB ULB08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
1.41E-08	9.55E-09	-7.72E-09
1510.316		
0.25000	-11.939949	297.684067
1.41E-08	9.55E-09	-1.34E-08
1412.969		
0.50000	-11.939949	424.342966
1.41E-08	9.55E-09	-1.91E-08
1267.755		
0.75000	-11.939949	567.207380
1.41E-08	9.55E-09	-2.48E-08
1068.131		
1.00000	-11.939949	726.277309
1.41E-08	9.55E-09	-3.04E-08
807.553978		

COMB ULB09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULB09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULB10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
6.310053	-7.231222	82.149190
1452.227		
0.25000	-11.480720	286.234680
11.211831	-7.231222	78.636157
1358.624		
0.50000	-11.480720	408.022082
16.832788	-7.231222	72.998847
1218.995		
0.75000	-11.480720	545.391711
23.172924	-7.231222	64.946891
1027.049		
1.00000	-11.480720	698.343567
30.232241	-7.231222	54.189921
776.494209		

COMB ULB10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
6.310053	-7.231222	82.149190
1452.227		
0.25000	-11.480720	286.234680
11.211831	-7.231222	78.636157
1358.624		
0.50000	-11.480720	408.022082
16.832788	-7.231222	72.998847
1218.995		
0.75000	-11.480720	545.391711
23.172924	-7.231222	64.946891
1027.049		
1.00000	-11.480720	698.343567
30.232241	-7.231222	54.189921
776.494209		

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 ULB11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
6.310053	-7.231222	82.149190
1452.227		
0.25000	-11.480720	286.234680
11.211830	-7.231222	78.636157
1358.624		
0.50000	-11.480720	408.022082
16.832788	-7.231222	72.998847
1218.995		
0.75000	-11.480720	545.391711
23.172924	-7.231222	64.946891
1027.049		
1.00000	-11.480720	698.343567
30.232241	-7.231222	54.189921
776.494209		

COMB ULB11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
6.310053	-7.231222	82.149190
1452.227		
0.25000	-11.480720	286.234680
11.211830	-7.231222	78.636157
1358.624		
0.50000	-11.480720	408.022082
16.832788	-7.231222	72.998847
1218.995		
0.75000	-11.480720	545.391711
23.172924	-7.231222	64.946891
1027.049		
1.00000	-11.480720	698.343567
30.232241	-7.231222	54.189921
776.494209		

COMB ULB12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480683	179.927550
3.155027	-3.615611	41.074595
1452.309		
0.25000	-11.480683	286.132726
5.605915	-3.615611	39.318078
1358.748		
0.50000	-11.480683	407.920128
8.416394	-3.615611	36.499423
1219.160		
0.75000	-11.480683	545.289757
11.586462	-3.615611	32.473446
1027.255		
1.00000	-11.480683	698.241613
15.116120	-3.615611	27.094960
776.741562		

COMB ULB12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480683	179.927550
3.155027	-3.615611	41.074595
1452.309		
0.25000	-11.480683	286.132726
5.605915	-3.615611	39.318078
1358.748		
0.50000	-11.480683	407.920128
8.416394	-3.615611	36.499423
1219.160		
0.75000	-11.480683	545.289757
11.586462	-3.615611	32.473446
1027.255		
1.00000	-11.480683	698.241613
15.116120	-3.615611	27.094960
776.741562		

COMB ULB13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480683	179.927550
3.155027	-3.615611	41.074595
1452.309		
0.25000	-11.480683	286.132726
5.605915	-3.615611	39.318078
1358.748		
0.50000	-11.480683	407.920128
8.416394	-3.615611	36.499423
1219.160		
0.75000	-11.480683	545.289757
11.586462	-3.615611	32.473446
1027.255		
1.00000	-11.480683	698.241613
15.116120	-3.615611	27.094960
776.741562		

COMB ULB13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480683	179.927550
3.155027	-3.615611	41.074595
1452.309		
0.25000	-11.480683	286.132726
5.605915	-3.615611	39.318078
1358.748		
0.50000	-11.480683	407.920128
8.416394	-3.615611	36.499423
1219.160		
0.75000	-11.480683	545.289757
11.586462	-3.615611	32.473446
1027.255		
1.00000	-11.480683	698.241613
15.116120	-3.615611	27.094960
776.741562		

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 ULB14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		
0.25000	-11.480720	286.234680
5.605915	-3.615611	39.318078
1358.624		
0.50000	-11.480720	408.022082
8.416394	-3.615611	36.499423
1218.995		
0.75000	-11.480720	545.391711
11.586462	-3.615611	32.473446
1027.049		
1.00000	-11.480720	698.343567
15.116120	-3.615611	27.094960
776.494209		

COMB ULB14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		
0.25000	-11.480720	286.234680
5.605915	-3.615611	39.318078
1358.624		
0.50000	-11.480720	408.022082
8.416394	-3.615611	36.499423
1218.995		
0.75000	-11.480720	545.391711
11.586462	-3.615611	32.473446
1027.049		
1.00000	-11.480720	698.343567
15.116120	-3.615611	27.094960
776.494209		

COMB ULB15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		
0.25000	-11.480720	286.234680
5.605915	-3.615611	39.318078
1358.624		
0.50000	-11.480720	408.022082
8.416394	-3.615611	36.499423
1218.995		
0.75000	-11.480720	545.391711
11.586462	-3.615611	32.473446
1027.049		
1.00000	-11.480720	698.343567
15.116120	-3.615611	27.094960
776.494209		

COMB ULB15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	180.029504
3.155027	-3.615611	41.074595
1452.227		
0.25000	-11.480720	286.234680
5.605915	-3.615611	39.318078
1358.624		
0.50000	-11.480720	408.022082
8.416394	-3.615611	36.499423
1218.995		
0.75000	-11.480720	545.391711
11.586462	-3.615611	32.473446
1027.049		
1.00000	-11.480720	698.343567
15.116120	-3.615611	27.094960
776.494209		

COMB ULB16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.987744
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.417666
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.313369
-5.28E-14	1.34E-17	-9.77E-14
821.639193		
1.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

COMB ULB16 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.987744
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.417666
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.313369
-5.28E-14	1.34E-17	-9.77E-14
821.639193		
1.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

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 ULB17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		
0.25000	-11.939911	297.578035
-3.60E-14	1.75E-17	-1.69E-13
1413.098		
0.50000	-11.939911	424.236933
-5.14E-14	1.75E-17	-1.51E-13
1267.927		

0.75000 -11.939911 567.101348
-6.87E-14 1.75E-17 -1.27E-13
1068.345
1.00000 -11.939911 726.171277
-8.79E-14 1.75E-17 -9.55E-14
807.811225

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 187.124652
-2.27E-14 1.75E-17 -1.81E-13
1510.402
0.25000 -11.939911 297.578035
-3.60E-14 1.75E-17 -1.69E-13
1413.098
0.50000 -11.939911 424.236933
-5.14E-14 1.75E-17 -1.51E-13
1267.927
0.75000 -11.939911 567.101348
-6.87E-14 1.75E-17 -1.27E-13
1068.345
1.00000 -11.939911 726.171277
-8.79E-14 1.75E-17 -9.55E-14
807.811225

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 172.828324
6.057651 -6.941973 78.863222
1394.138
0.25000 -11.021491 274.785293
10.763357 -6.941973 75.490711
1304.279
0.50000 -11.021491 391.701199
16.159476 -6.941973 70.078893
1170.235
0.75000 -11.021491 523.576043
22.246007 -6.941973 62.349016
985.967032
1.00000 -11.021491 670.409824
29.022951 -6.941973 52.022324
745.434441

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 172.828324
6.057651 -6.941973 78.863222
1394.138
0.25000 -11.021491 274.785293
10.763357 -6.941973 75.490711
1304.279
0.50000 -11.021491 391.701199
16.159476 -6.941973 70.078893
1170.235
0.75000 -11.021491 523.576043
22.246007 -6.941973 62.349016
985.967032
1.00000 -11.021491 670.409824
29.022951 -6.941973 52.022324
745.434441

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 143.848243
-1.74E-14 1.35E-17 -1.39E-13
1161.924
0.25000 -9.184513 228.812383
-2.77E-14 1.35E-17 -1.30E-13
1087.112
0.50000 -9.184513 326.242305
-3.95E-14 1.35E-17 -1.16E-13
975.479943
0.75000 -9.184513 436.138008
-5.28E-14 1.35E-17 -9.78E-14
821.993839
1.00000 -9.184513 558.499493
-6.76E-14 1.35E-17 -7.35E-14
621.620815

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 143.848243
-1.74E-14 1.35E-17 -1.39E-13
1161.924
0.25000 -9.184513 228.812383
-2.77E-14 1.35E-17 -1.30E-13
1087.112
0.50000 -9.184513 326.242305
-3.95E-14 1.35E-17 -1.16E-13
975.479943
0.75000 -9.184513 436.138008
-5.28E-14 1.35E-17 -9.78E-14
821.993839
1.00000 -9.184513 558.499493
-6.76E-14 1.35E-17 -7.35E-14
621.620815

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 421

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
6.562455 -7.520471 85.435157
1161.781
0.25000 -9.184576 228.987744
11.660304 -7.520471 81.781603
1086.899
0.50000 -9.184576 326.417666
17.506099 -7.520471 75.918801
975.196099
0.75000 -9.184576 436.313369
24.099841 -7.520471 67.544767
821.639193
1.00000 -9.184576 558.674853
31.441530 -7.520471 56.357518
621.195367

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
6.562455 -7.520471 85.435157
1161.781
0.25000 -9.184576 228.987744
11.660304 -7.520471 81.781603
1086.899
0.50000 -9.184576 326.417666
17.506099 -7.520471 75.918801
975.196099
0.75000 -9.184576 436.313369
24.099841 -7.520471 67.544767
821.639193
1.00000 -9.184576 558.674853
31.441530 -7.520471 56.357518
621.195367

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
3.281228 -3.760236 42.717579
1161.867
0.25000 -9.184538 228.881712
5.830152 -3.760236 40.890802
1087.028
0.50000 -9.184538 326.311634
8.753050 -3.760236 37.959400
975.367726
0.75000 -9.184538 436.207337
12.049921 -3.760236 33.772383
821.853630
1.00000 -9.184538 558.568821
15.720765 -3.760236 28.178759
621.452615

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
3.281228 -3.760236 42.717579
1161.867
0.25000 -9.184538 228.881712
5.830152 -3.760236 40.890802
1087.028
0.50000 -9.184538 326.311634
8.753050 -3.760236 37.959400
975.367726
0.75000 -9.184538 436.207337
12.049921 -3.760236 33.772383
821.853630
1.00000 -9.184538 558.568821
15.720765 -3.760236 28.178759
621.452615

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 422

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
3.281228 -3.760236 42.717579
1161.781
0.25000 -9.184576 228.987744
5.830152 -3.760236 40.890802
1086.899
0.50000 -9.184576 326.417666
8.753050 -3.760236 37.959400
975.196099
0.75000 -9.184576 436.313369
12.049921 -3.760236 33.772383
821.639193
1.00000 -9.184576 558.674853
15.720765 -3.760236 28.178759
621.195367

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
3.281228 -3.760236 42.717579
1161.781
0.25000 -9.184576 228.987744
5.830152 -3.760236 40.890802
1086.899
0.50000 -9.184576 326.417666
8.753050 -3.760236 37.959400
975.196099
0.75000 -9.184576 436.313369
12.049921 -3.760236 33.772383
821.639193
1.00000 -9.184576 558.674853
15.720765 -3.760236 28.178759
621.195367

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
1.41E-08 9.55E-09 -7.72E-09
1161.867
0.25000 -9.184538 228.881712
1.41E-08 9.55E-09 -1.34E-08
1087.028
0.50000 -9.184538 326.311634
1.41E-08 9.55E-09 -1.91E-08
975.367726
0.75000 -9.184538 436.207337
1.41E-08 9.55E-09 -2.48E-08
821.853630
1.00000 -9.184538 558.568821
1.41E-08 9.55E-09 -3.04E-08
621.452615

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
1.41E-08 9.55E-09 -7.72E-09
1161.867
0.25000 -9.184538 228.881712
1.41E-08 9.55E-09 -1.34E-08
1087.028
0.50000 -9.184538 326.311634
1.41E-08 9.55E-09 -1.91E-08
975.367726
0.75000 -9.184538 436.207337
1.41E-08 9.55E-09 -2.48E-08
821.853630
1.00000 -9.184538 558.568821
1.41E-08 9.55E-09 -3.04E-08
621.452615

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867
0.25000 -9.184538 228.881712
-2.77E-14 1.35E-17 -1.30E-13
1087.028
0.50000 -9.184538 326.311634
-3.95E-14 1.35E-17 -1.16E-13
975.367726
0.75000 -9.184538 436.207337
-5.28E-14 1.35E-17 -9.78E-14
821.853630
1.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867
0.25000 -9.184538 228.881712
-2.77E-14 1.35E-17 -1.30E-13
1087.028
0.50000 -9.184538 326.311634
-3.95E-14 1.35E-17 -1.16E-13
975.367726
0.75000 -9.184538 436.207337
-5.28E-14 1.35E-17 -9.78E-14
821.853630
1.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 423

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
1.41E-08 9.55E-09 -7.72E-09
1161.781
0.25000 -9.184576 228.987744
1.41E-08 9.55E-09 -1.34E-08
1086.899
0.50000 -9.184576 326.417666
1.41E-08 9.55E-09 -1.91E-08
975.196099
0.75000 -9.184576 436.313369
1.41E-08 9.55E-09 -2.48E-08
821.639193
1.00000 -9.184576 558.674853
1.41E-08 9.55E-09 -3.04E-08
621.195367

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
1.41E-08 9.55E-09 -7.72E-09
1161.781
0.25000 -9.184576 228.987744
1.41E-08 9.55E-09 -1.34E-08
1086.899
0.50000 -9.184576 326.417666
1.41E-08 9.55E-09 -1.91E-08
975.196099
0.75000 -9.184576 436.313369
1.41E-08 9.55E-09 -2.48E-08

821.639193
1.00000 -9.184576 558.674853
1.41E-08 9.55E-09 -3.04E-08
621.195367

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692
0.25000 -8.725347 217.538357
11.211831 -7.231222 78.636157
1032.554
0.50000 -8.725347 310.096783
16.832788 -7.231222 72.998847
926.436294
0.75000 -8.725347 414.497700
23.172924 -7.231222 64.946891
780.557234
1.00000 -8.725347 530.741111
30.232241 -7.231222 54.189921
590.135599

COMB UEB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692
0.25000 -8.725347 217.538357
11.211831 -7.231222 78.636157
1032.554
0.50000 -8.725347 310.096783
16.832788 -7.231222 72.998847
926.436294
0.75000 -8.725347 414.497700
23.172924 -7.231222 64.946891
780.557234
1.00000 -8.725347 530.741111
30.232241 -7.231222 54.189921
590.135599

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 424

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 UEB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692
0.25000 -8.725347 217.538357
11.211830 -7.231222 78.636157
1032.554
0.50000 -8.725347 310.096783
16.832788 -7.231222 72.998847
926.436294
0.75000 -8.725347 414.497700
23.172924 -7.231222 64.946891
780.557234
1.00000 -8.725347 530.741111
30.232241 -7.231222 54.189921
590.135599

COMB UEB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
6.310053 -7.231222 82.149190
1103.692
0.25000 -8.725347 217.538357
11.211830 -7.231222 78.636157
1032.554
0.50000 -8.725347 310.096783
16.832788 -7.231222 72.998847
926.436294
0.75000 -8.725347 414.497700
23.172924 -7.231222 64.946891
780.557234
1.00000 -8.725347 530.741111
30.232241 -7.231222 54.189921
590.135599

COMB UEB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775
0.25000 -8.725310 217.436403
5.605915 -3.615611 39.318078
1032.678
0.50000 -8.725310 309.994829
8.416394 -3.615611 36.499423
926.601320
0.75000 -8.725310 414.395747
11.586462 -3.615611 32.473446
780.763423
1.00000 -8.725310 530.639157
15.116120 -3.615611 27.094960
590.382952

COMB UEB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775
0.25000 -8.725310 217.436403
5.605915 -3.615611 39.318078
1032.678
0.50000 -8.725310 309.994829
8.416394 -3.615611 36.499423
926.601320
0.75000 -8.725310 414.395747
11.586462 -3.615611 32.473446
780.763423
1.00000 -8.725310 530.639157
15.116120 -3.615611 27.094960
590.382952

COMB UEB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775
0.25000 -8.725310 217.436403
5.605915 -3.615611 39.318078
1032.678
0.50000 -8.725310 309.994829
8.416394 -3.615611 36.499423
926.601320
0.75000 -8.725310 414.395747
11.586462 -3.615611 32.473446
780.763423
1.00000 -8.725310 530.639157
15.116120 -3.615611 27.094960
590.382952

COMB UEB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 136.720469
3.155027 -3.615611 41.074595
1103.775
0.25000 -8.725310 217.436403
5.605915 -3.615611 39.318078
1032.678
0.50000 -8.725310 309.994829
8.416394 -3.615611 36.499423
926.601320
0.75000 -8.725310 414.395747
11.586462 -3.615611 32.473446
780.763423
1.00000 -8.725310 530.639157
15.116120 -3.615611 27.094960
590.382952

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 425

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 UEB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692
0.25000 -8.725347 217.538357
5.605915 -3.615611 39.318078
1032.554
0.50000 -8.725347 310.096783
8.416394 -3.615611 36.499423
926.436294
0.75000 -8.725347 414.497700
11.586462 -3.615611 32.473446
780.557234
1.00000 -8.725347 530.741111
15.116120 -3.615611 27.094960
590.135599

COMB UEB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692
0.25000 -8.725347 217.538357
5.605915 -3.615611 39.318078
1032.554
0.50000 -8.725347 310.096783
8.416394 -3.615611 36.499423
926.436294
0.75000 -8.725347 414.497700
11.586462 -3.615611 32.473446
780.557234
1.00000 -8.725347 530.741111
15.116120 -3.615611 27.094960
590.135599

COMB UEB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692
0.25000 -8.725347 217.538357
5.605915 -3.615611 39.318078
1032.554
0.50000 -8.725347 310.096783
8.416394 -3.615611 36.499423
926.436294
0.75000 -8.725347 414.497700
11.586462 -3.615611 32.473446
780.557234
1.00000 -8.725347 530.741111
15.116120 -3.615611 27.094960
590.135599

COMB UEB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 136.822423
3.155027 -3.615611 41.074595
1103.692
0.25000 -8.725347 217.538357
5.605915 -3.615611 39.318078
1032.554
0.50000 -8.725347 310.096783
8.416394 -3.615611 36.499423
926.436294
0.75000 -8.725347 414.497700
11.586462 -3.615611 32.473446
780.557234
1.00000 -8.725347 530.741111
15.116120 -3.615611 27.094960
590.135599

COMB UEB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 426

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 UEB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867
0.25000 -9.184538 228.881712
-2.77E-14 1.35E-17 -1.30E-13
1087.028
0.50000 -9.184538 326.311634
-3.95E-14 1.35E-17 -1.16E-13
975.367726
0.75000 -9.184538 436.207337
-5.28E-14 1.35E-17 -9.78E-14
821.853630
1.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867
0.25000 -9.184538 228.881712
-2.77E-14 1.35E-17 -1.30E-13
1087.028
0.50000 -9.184538 326.311634
-3.95E-14 1.35E-17 -1.16E-13
975.367726
0.75000 -9.184538 436.207337
-5.28E-14 1.35E-17 -9.78E-14
821.853630
1.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 129.621243
6.057651 -6.941973 78.863222
1045.603
0.25000 -8.266119 206.088970
10.763357 -6.941973 75.490711
978.209230
0.50000 -8.266119 293.775899
16.159476 -6.941973 70.078893
877.676489
0.75000 -8.266119 392.682032
22.246007 -6.941973 62.349016
739.475274
1.00000 -8.266119 502.807368

29.022951 -6.941973 52.022324
559.075831

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 129.621243
6.057651 -6.941973 78.863222
1045.603
0.25000 -8.266119 206.088970
10.763357 -6.941973 75.490711
978.209230
0.50000 -8.266119 293.775899
16.159476 -6.941973 70.078893
877.676489
0.75000 -8.266119 392.682032
22.246007 -6.941973 62.349016
739.475274
1.00000 -8.266119 502.807368
29.022951 -6.941973 52.022324
559.075831

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848
0.25000 -9.184547 228.906181
-2.77E-14 1.35E-17 -1.30E-13
1086.998
0.50000 -9.184547 326.336103
-3.95E-14 1.35E-17 -1.16E-13
975.328120
0.75000 -9.184547 436.231806
-5.28E-14 1.35E-17 -9.78E-14
821.804145
1.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250

COMB SVO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848
0.25000 -9.184547 228.906181
-2.77E-14 1.35E-17 -1.30E-13
1086.998
0.50000 -9.184547 326.336103
-3.95E-14 1.35E-17 -1.16E-13
975.328120
0.75000 -9.184547 436.231806
-5.28E-14 1.35E-17 -9.78E-14
821.804145
1.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 427

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686
0.25000 -61.809411 3072.866
-3.72E-13 -2.06E-15 3.26E-13
-2687.784
0.50000 -61.809411 3170.296
-3.84E-13 -2.06E-15 4.79E-13
-3947.703
0.75000 -61.809411 3280.192
-3.97E-13 -2.06E-15 6.37E-13
-5249.476
1.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686
0.25000 -61.809411 3072.866
-3.72E-13 -2.06E-15 3.26E-13
-2687.784
0.50000 -61.809411 3170.296
-3.84E-13 -2.06E-15 4.79E-13
-3947.703
0.75000 -61.809411 3280.192
-3.97E-13 -2.06E-15 6.37E-13
-5249.476
1.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1858.172
-2.25E-13 -1.23E-15 4.84E-14
-388.471407
0.25000 -35.602669 1943.136
-2.35E-13 -1.23E-15 1.41E-13
-1155.441
0.50000 -35.602669 2040.566
-2.47E-13 -1.23E-15 2.39E-13
-1959.231
0.75000 -35.602669 2150.461
-2.60E-13 -1.23E-15 3.41E-13
-2804.876
1.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1858.172
-2.25E-13 -1.23E-15 4.84E-14
-388.471407
0.25000 -35.602669 1943.136
-2.35E-13 -1.23E-15 1.41E-13
-1155.441
0.50000 -35.602669 2040.566
-2.47E-13 -1.23E-15 2.39E-13
-1959.231
0.75000 -35.602669 2150.461
-2.60E-13 -1.23E-15 3.41E-13
-2804.876
1.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 428

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 SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686
0.25000 -61.809411 3072.866
-3.72E-13 -2.06E-15 3.26E-13
-2687.784
0.50000 -61.809411 3170.296
-3.84E-13 -2.06E-15 4.79E-13
-3947.703
0.75000 -61.809411 3280.192
-3.97E-13 -2.06E-15 6.37E-13
-5249.476
1.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 2987.902
-3.62E-13 -2.06E-15 1.78E-13
-1464.686
0.25000 -61.809411 3072.866
-3.72E-13 -2.06E-15 3.26E-13
-2687.784
0.50000 -61.809411 3170.296
-3.84E-13 -2.06E-15 4.79E-13
-3947.703
0.75000 -61.809411 3280.192
-3.97E-13 -2.06E-15 6.37E-13
-5249.476
1.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1858.172
-2.25E-13 -1.23E-15 4.84E-14
-388.471407
0.25000 -35.602669 1943.136
-2.35E-13 -1.23E-15 1.41E-13
-1155.441
0.50000 -35.602669 2040.566
-2.47E-13 -1.23E-15 2.39E-13
-1959.231
0.75000 -35.602669 2150.461
-2.60E-13 -1.23E-15 3.41E-13
-2804.876
1.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 1858.172
-2.25E-13 -1.23E-15 4.84E-14
-388.471407
0.25000 -35.602669 1943.136
-2.35E-13 -1.23E-15 1.41E-13
-1155.441
0.50000 -35.602669 2040.566
-2.47E-13 -1.23E-15 2.39E-13
-1959.231
0.75000 -35.602669 2150.461
-2.60E-13 -1.23E-15 3.41E-13
-2804.876
1.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 1858.253
-2.25E-13 -1.23E-15 4.84E-14
-388.537565
0.25000 -35.602698 1943.217
-2.35E-13 -1.23E-15 1.41E-13
-1155.540
0.50000 -35.602698 2040.647
-2.47E-13 -1.23E-15 2.39E-13
-1959.363
0.75000 -35.602698 2150.543
-2.60E-13 -1.23E-15 3.41E-13
-2805.040
1.00000 -35.602698 2272.905
-2.75E-13 -1.23E-15 4.49E-13
-3697.605

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 1858.253
-2.25E-13 -1.23E-15 4.84E-14
-388.537565
0.25000 -35.602698 1943.217
-2.35E-13 -1.23E-15 1.41E-13
-1155.540
0.50000 -35.602698 2040.647
-2.47E-13 -1.23E-15 2.39E-13
-1959.363
0.75000 -35.602698 2150.543
-2.60E-13 -1.23E-15 3.41E-13
-2805.040
1.00000 -35.602698 2272.905
-2.75E-13 -1.23E-15 4.49E-13
-3697.605

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.526357 143.997134
-1.74E-14 1.14E-17 -9.50E-14
793.337879
0.25000 -24.526357 228.961274
-2.77E-14 1.14E-17 -8.59E-14
718.466322
0.50000 -24.526357 326.391196
-3.95E-14 1.14E-17 -7.24E-14
606.773964
0.75000 -24.526357 436.286899
-5.28E-14 1.14E-17 -5.38E-14
453.227745
1.00000 -24.526357 558.648384
-6.77E-14 1.14E-17 -2.95E-14
252.794606

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.526357 143.997134
-1.74E-14 1.14E-17 -9.50E-14
793.337879
0.25000 -24.526357 228.961274
-2.77E-14 1.14E-17 -8.59E-14
718.466322
0.50000 -24.526357 326.391196
-3.95E-14 1.14E-17 -7.24E-14
606.773964
0.75000 -24.526357 436.286899
-5.28E-14 1.14E-17 -5.38E-14
453.227745
1.00000 -24.526357 558.648384
-6.77E-14 1.14E-17 -2.95E-14
252.794606

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848
0.25000 -9.184547 228.906181
-2.77E-14 1.35E-17 -1.30E-13
1086.998
0.50000 -9.184547 326.336103
-3.95E-14 1.35E-17 -1.16E-13
975.328120
0.75000 -9.184547 436.231806
-5.28E-14 1.35E-17 -9.78E-14
821.804145
1.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 143.942040
-1.74E-14 1.35E-17 -1.39E-13
1161.848
0.25000 -9.184547 228.906181
-2.77E-14 1.35E-17 -1.30E-13
1086.998
0.50000 -9.184547 326.336103
-3.95E-14 1.35E-17 -1.16E-13
975.328120
0.75000 -9.184547 436.231806
-5.28E-14 1.35E-17 -9.78E-14
821.804145
1.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 429

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.526387 144.078697
-1.74E-14 1.13E-17 -9.50E-14
793.271721
0.25000 -24.526387 229.042837
-2.77E-14 1.13E-17 -8.59E-14
718.367233
0.50000 -24.526387 326.472759
-3.95E-14 1.13E-17 -7.24E-14
606.641943
0.75000 -24.526387 436.368462
-5.28E-14 1.13E-17 -5.38E-14
453.062793
1.00000 -24.526387 558.729947
-6.77E-14 1.13E-17 -2.95E-14
252.596723

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.526387 144.078697
-1.74E-14 1.13E-17 -9.50E-14
793.271721
0.25000 -24.526387 229.042837
-2.77E-14 1.13E-17 -8.59E-14
718.367233
0.50000 -24.526387 326.472759
-3.95E-14 1.13E-17 -7.24E-14
606.641943
0.75000 -24.526387 436.368462
-5.28E-14 1.13E-17 -5.38E-14
453.062793
1.00000 -24.526387 558.729947
-6.77E-14 1.13E-17 -2.95E-14
252.596723

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB SVO10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.151222	2987.957
-3.62E-13	-2.06E-15	2.22E-13
-1833.196		
0.25000	-77.151222	3072.921
-3.72E-13	-2.06E-15	3.70E-13
-3056.316		
0.50000	-77.151222	3170.351
-3.84E-13	-2.06E-15	5.23E-13
-4316.257		
0.75000	-77.151222	3280.247
-3.97E-13	-2.06E-15	6.81E-13
-5618.052		
1.00000	-77.151222	3402.608
-4.12E-13	-2.06E-15	8.44E-13
-6966.734		

COMB SVO10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.151222	2987.957
-3.62E-13	-2.06E-15	2.22E-13
-1833.196		
0.25000	-77.151222	3072.921
-3.72E-13	-2.06E-15	3.70E-13
-3056.316		
0.50000	-77.151222	3170.351
-3.84E-13	-2.06E-15	5.23E-13
-4316.257		
0.75000	-77.151222	3280.247
-3.97E-13	-2.06E-15	6.81E-13
-5618.052		
1.00000	-77.151222	3402.608
-4.12E-13	-2.06E-15	8.44E-13
-6966.734		

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 SVO11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-61.809411	2987.902
-3.62E-13	-2.06E-15	1.78E-13
-1464.686		
0.25000	-61.809411	3072.866
-3.72E-13	-2.06E-15	3.26E-13
-2687.784		
0.50000	-61.809411	3170.296
-3.84E-13	-2.06E-15	4.79E-13
-3947.703		
0.75000	-61.809411	3280.192
-3.97E-13	-2.06E-15	6.37E-13
-5249.476		
1.00000	-61.809411	3402.553
-4.12E-13	-2.06E-15	8.00E-13
-6598.135		

COMB SVO11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-61.809411	2987.902
-3.62E-13	-2.06E-15	1.78E-13
-1464.686		
0.25000	-61.809411	3072.866
-3.72E-13	-2.06E-15	3.26E-13
-2687.784		
0.50000	-61.809411	3170.296
-3.84E-13	-2.06E-15	4.79E-13
-3947.703		
0.75000	-61.809411	3280.192
-3.97E-13	-2.06E-15	6.37E-13
-5249.476		
1.00000	-61.809411	3402.553
-4.12E-13	-2.06E-15	8.00E-13
-6598.135		

COMB SVO12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944479	1858.227
-2.25E-13	-1.24E-15	9.24E-14
-756.981075		
0.25000	-50.944479	1943.191
-2.35E-13	-1.24E-15	1.85E-13
-1523.973		
0.50000	-50.944479	2040.621
-2.47E-13	-1.24E-15	2.83E-13
-2327.785		
0.75000	-50.944479	2150.517
-2.60E-13	-1.24E-15	3.85E-13
-3173.452		
1.00000	-50.944479	2272.878
-2.75E-13	-1.24E-15	4.93E-13
-4066.005		

COMB SVO12 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944479	1858.227
-2.25E-13	-1.24E-15	9.24E-14
-756.981075		
0.25000	-50.944479	1943.191
-2.35E-13	-1.24E-15	1.85E-13
-1523.973		
0.50000	-50.944479	2040.621
-2.47E-13	-1.24E-15	2.83E-13
-2327.785		
0.75000	-50.944479	2150.517
-2.60E-13	-1.24E-15	3.85E-13
-3173.452		
1.00000	-50.944479	2272.878
-2.75E-13	-1.24E-15	4.93E-13
-4066.005		

COMB SVO13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602669	1858.172
-2.25E-13	-1.23E-15	4.84E-14
-388.471407		
0.25000	-35.602669	1943.136
-2.35E-13	-1.23E-15	1.41E-13
-1155.441		
0.50000	-35.602669	2040.566
-2.47E-13	-1.23E-15	2.39E-13
-1959.231		
0.75000	-35.602669	2150.461
-2.60E-13	-1.23E-15	3.41E-13
-2804.876		
1.00000	-35.602669	2272.823
-2.75E-13	-1.23E-15	4.49E-13
-3697.407		

COMB SVO13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602669	1858.172
-2.25E-13	-1.23E-15	4.84E-14
-388.471407		
0.25000	-35.602669	1943.136
-2.35E-13	-1.23E-15	1.41E-13
-1155.441		
0.50000	-35.602669	2040.566
-2.47E-13	-1.23E-15	2.39E-13
-1959.231		
0.75000	-35.602669	2150.461
-2.60E-13	-1.23E-15	3.41E-13
-2804.876		
1.00000	-35.602669	2272.823
-2.75E-13	-1.23E-15	4.49E-13
-3697.407		

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 SVO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944509	1858.308
-2.25E-13	-1.24E-15	9.24E-14
-757.047233		
0.25000	-50.944509	1943.273
-2.35E-13	-1.24E-15	1.85E-13
-1524.072		
0.50000	-50.944509	2040.702
-2.47E-13	-1.24E-15	2.83E-13
-2327.917		
0.75000	-50.944509	2150.598
-2.60E-13	-1.24E-15	3.85E-13
-3173.617		
1.00000	-50.944509	2272.960
-2.75E-13	-1.24E-15	4.93E-13
-4066.203		

COMB SVO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-50.944509	1858.308
-2.25E-13	-1.24E-15	9.24E-14
-757.047233		
0.25000	-50.944509	1943.273
-2.35E-13	-1.24E-15	1.85E-13
-1524.072		
0.50000	-50.944509	2040.702
-2.47E-13	-1.24E-15	2.83E-13
-2327.917		
0.75000	-50.944509	2150.598
-2.60E-13	-1.24E-15	3.85E-13
-3173.617		
1.00000	-50.944509	2272.960
-2.75E-13	-1.24E-15	4.93E-13
-4066.203		

COMB SVO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602698	1858.253
-2.25E-13	-1.23E-15	4.84E-14
-388.537565		
0.25000	-35.602698	1943.217
-2.35E-13	-1.23E-15	1.41E-13
-1155.540		
0.50000	-35.602698	2040.647
-2.47E-13	-1.23E-15	2.39E-13
-1959.363		
0.75000	-35.602698	2150.543
-2.60E-13	-1.23E-15	3.41E-13
-2805.040		
1.00000	-35.602698	2272.905
-2.75E-13	-1.23E-15	4.49E-13
-3697.605		

COMB SVO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-35.602698	1858.253
-2.25E-13	-1.23E-15	4.84E-14
-388.537565		
0.25000	-35.602698	1943.217
-2.35E-13	-1.23E-15	1.41E-13
-1155.540		
0.50000	-35.602698	2040.647
-2.47E-13	-1.23E-15	2.39E-13
-1959.363		
0.75000	-35.602698	2150.543
-2.60E-13	-1.23E-15	3.41E-13
-2805.040		
1.00000	-35.602698	2272.905
-2.75E-13	-1.23E-15	4.49E-13
-3697.605		

COMB ULO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

COMB ULO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

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 ULO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-80.352235	3884.272
-4.70E-13	-2.67E-15	2.32E-13
-1904.092		
0.25000	-80.352235	3994.726
-4.84E-13	-2.67E-15	4.24E-13
-3494.120		
0.50000	-80.352235	4121.385
-4.99E-13	-2.67E-15	6.23E-13
-5132.014		
0.75000	-80.352235	4264.249
-5.16E-13	-2.67E-15	8.28E-13
-6824.319		
1.00000	-80.352235	4423.319
-5.36E-13	-2.67E-15	1.04E-12
-8577.576		

COMB ULO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-80.352235	3884.272
-4.70E-13	-2.67E-15	2.32E-13
-1904.092		
0.25000	-80.352235	3994.726
-4.84E-13	-2.67E-15	4.24E-13
-3494.120		
0.50000	-80.352235	4121.385
-4.99E-13	-2.67E-15	6.23E-13
-5132.014		
0.75000	-80.352235	4264.249
-5.16E-13	-2.67E-15	8.28E-13
-6824.319		
1.00000	-80.352235	4423.319
-5.36E-13	-2.67E-15	1.04E-12
-8577.576		

COMB ULO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-46.283469	2415.623
-2.92E-13	-1.60E-15	6.29E-14
-505.012829		
0.25000	-46.283469	2526.077
-3.06E-13	-1.60E-15	1.84E-13
-1502.073		
0.50000	-46.283469	2652.736
-3.21E-13	-1.60E-15	3.10E-13
-2547.001		
0.75000	-46.283469	2795.600
-3.38E-13	-1.60E-15	4.43E-13
-3646.338		
1.00000	-46.283469	2954.670
-3.58E-13	-1.60E-15	5.84E-13
-4806.629		

COMB ULO04 ----------

MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283469	2415.623
-2.92E-13	-1.60E-15	6.29E-14
-505.012829		
0.25000	-46.283469	2526.077
-3.06E-13	-1.60E-15	1.84E-13
-1502.073		
0.50000	-46.283469	2652.736
-3.21E-13	-1.60E-15	3.10E-13
-2547.001		
0.75000	-46.283469	2795.600
-3.38E-13	-1.60E-15	4.43E-13
-3646.338		
1.00000	-46.283469	2954.670
-3.58E-13	-1.60E-15	5.84E-13
-4806.629		

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 ULO5 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283508	2415.729
-2.92E-13	-1.60E-15	6.29E-14
-505.098835		
0.25000	-46.283508	2526.183
-3.06E-13	-1.60E-15	1.84E-13
-1502.202		
0.50000	-46.283508	2652.842
-3.21E-13	-1.60E-15	3.10E-13
-2547.172		
0.75000	-46.283508	2795.706
-3.39E-13	-1.60E-15	4.43E-13
-3646.553		
1.00000	-46.283508	2954.776
-3.58E-13	-1.60E-15	5.84E-13
-4806.886		

COMB ULO5 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-46.283508	2415.729
-2.92E-13	-1.60E-15	6.29E-14
-505.098835		
0.25000	-46.283508	2526.183
-3.06E-13	-1.60E-15	1.84E-13
-1502.202		
0.50000	-46.283508	2652.842
-3.21E-13	-1.60E-15	3.10E-13
-2547.172		
0.75000	-46.283508	2795.706
-3.39E-13	-1.60E-15	4.43E-13
-3646.553		
1.00000	-46.283508	2954.776
-3.58E-13	-1.60E-15	5.84E-13
-4806.886		

COMB ULO6 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884265	187.196274
-2.27E-14	1.48E-17	-1.23E-13
1031.339		
0.25000	-31.884265	297.649657
-3.60E-14	1.48E-17	-1.12E-13
934.006218		
0.50000	-31.884265	424.308555
-5.14E-14	1.48E-17	-9.41E-14
788.806153		
0.75000	-31.884265	567.172969
-6.87E-14	1.48E-17	-6.99E-14
589.196068		
1.00000	-31.884265	726.242899
-8.80E-14	1.48E-17	-3.84E-14
328.632988		

COMB ULO6 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884265	187.196274
-2.27E-14	1.48E-17	-1.23E-13
1031.339		
0.25000	-31.884265	297.649657
-3.60E-14	1.48E-17	-1.12E-13
934.006218		
0.50000	-31.884265	424.308555
-5.14E-14	1.48E-17	-9.41E-14
788.806153		
0.75000	-31.884265	567.172969
-6.87E-14	1.48E-17	-6.99E-14
589.196068		
1.00000	-31.884265	726.242899
-8.80E-14	1.48E-17	-3.84E-14
328.632988		

COMB ULO7 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		
0.25000	-11.939911	297.578035
-3.60E-14	1.75E-17	-1.69E-13
1413.098		
0.50000	-11.939911	424.236933
-5.14E-14	1.75E-17	-1.51E-13
1267.927		
0.75000	-11.939911	567.101348
-6.87E-14	1.75E-17	-1.27E-13
1068.345		
1.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		

COMB ULO7 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		
0.25000	-11.939911	297.578035
-3.60E-14	1.75E-17	-1.69E-13
1413.098		
0.50000	-11.939911	424.236933
-5.14E-14	1.75E-17	-1.51E-13
1267.927		
0.75000	-11.939911	567.101348
-6.87E-14	1.75E-17	-1.27E-13
1068.345		
1.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		

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 ULO8 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	187.302306
-2.27E-14	1.48E-17	-1.23E-13
1031.253		
0.25000	-31.884303	297.755689
-3.61E-14	1.48E-17	-1.12E-13
933.877402		
0.50000	-31.884303	424.414587
-5.14E-14	1.48E-17	-9.41E-14
788.634526		
0.75000	-31.884303	567.279001
-6.87E-14	1.48E-17	-6.99E-14
588.981631		
1.00000	-31.884303	726.348931
-8.80E-14	1.48E-17	-3.83E-14
328.375740		

COMB ULO8 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	187.302306
-2.27E-14	1.48E-17	-1.23E-13
1031.253		
0.25000	-31.884303	297.755689
-3.61E-14	1.48E-17	-1.12E-13
933.877402		
0.50000	-31.884303	424.414587
-5.14E-14	1.48E-17	-9.41E-14
788.634526		
0.75000	-31.884303	567.279001
-6.87E-14	1.48E-17	-6.99E-14
588.981631		
1.00000	-31.884303	726.348931
-8.80E-14	1.48E-17	-3.83E-14
328.375740		

COMB ULO9 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULO9 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	187.230684
-2.27E-14	1.74E-17	-1.81E-13
1510.316		
0.25000	-11.939949	297.684067
-3.61E-14	1.74E-17	-1.69E-13
1412.969		
0.50000	-11.939949	424.342966
-5.14E-14	1.74E-17	-1.51E-13
1267.755		
0.75000	-11.939949	567.207380
-6.87E-14	1.74E-17	-1.27E-13
1068.131		
1.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		

COMB ULO10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-96.439028	3734.946
-4.52E-13	-2.57E-15	2.78E-13
-2291.495		
0.25000	-96.439028	3841.151
-4.65E-13	-2.57E-15	4.63E-13
-3820.395		
0.50000	-96.439028	3962.939
-4.80E-13	-2.57E-15	6.54E-13
-5395.322		
0.75000	-96.439028	4100.308
-4.96E-13	-2.57E-15	8.51E-13
-7022.565		
1.00000	-96.439028	4253.260
-5.15E-13	-2.57E-15	1.05E-12
-8708.418		

COMB ULO10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-96.439028	3734.946
-4.52E-13	-2.57E-15	2.78E-13
-2291.495		
0.25000	-96.439028	3841.151
-4.65E-13	-2.57E-15	4.63E-13
-3820.395		
0.50000	-96.439028	3962.939
-4.80E-13	-2.57E-15	6.54E-13
-5395.322		
0.75000	-96.439028	4100.308
-4.96E-13	-2.57E-15	8.51E-13
-7022.565		
1.00000	-96.439028	4253.260
-5.15E-13	-2.57E-15	1.05E-12
-8708.418		

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 ULO11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.261764	3734.877
-4.52E-13	-2.57E-15	2.23E-13
-1830.858		
0.25000	-77.261764	3841.082
-4.65E-13	-2.57E-15	4.08E-13
-3359.730		
0.50000	-77.261764	3962.870
-4.80E-13	-2.57E-15	5.99E-13
-4934.629		
0.75000	-77.261764	4100.239
-4.96E-13	-2.57E-15	7.96E-13
-6561.845		
1.00000	-77.261764	4253.191
-5.15E-13	-2.57E-15	1.00E-12
-8247.669		

COMB ULO11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.261764	3734.877
-4.52E-13	-2.57E-15	2.23E-13
-1830.858		
0.25000	-77.261764	3841.082
-4.65E-13	-2.57E-15	4.08E-13
-3359.730		
0.50000	-77.261764	3962.870
-4.80E-13	-2.57E-15	5.99E-13
-4934.629		
0.75000	-77.261764	4100.239
-4.96E-13	-2.57E-15	7.96E-13
-6561.845		
1.00000	-77.261764	4253.191
-5.15E-13	-2.57E-15	1.00E-12
-8247.669		

COMB ULO12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680599	2322.784
-2.81E-13	-1.54E-15	1.15E-13
-946.226344		
0.25000	-63.680599	2428.989
-2.94E-13	-1.54E-15	2.32E-13
-1904.966		
0.50000	-63.680599	2550.776
-3.09E-13	-1.54E-15	3.53E-13
-2909.732		
0.75000	-63.680599	2688.146
-3.25E-13	-1.54E-15	4.81E-13
-3966.815		
1.00000	-63.680599	2841.098
-3.44E-13	-1.54E-15	6.16E-13
-5082.507		

COMB ULO12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680599	2322.784
-2.81E-13	-1.54E-15	1.15E-13
-946.226344		
0.25000	-63.680599	2428.989
-2.94E-13	-1.54E-15	2.32E-13
-1904.966		
0.50000	-63.680599	2550.776
-3.09E-13	-1.54E-15	3.53E-13
-2909.732		
0.75000	-63.680599	2688.146
-3.25E-13	-1.54E-15	4.81E-13
-3966.815		
1.00000	-63.680599	2841.098
-3.44E-13	-1.54E-15	6.16E-13
-5082.507		

COMB ULO13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503336	2322.715
-2.81E-13	-1.54E-15	6.05E-14
-485.589259		
0.25000	-44.503336	2428.920
-2.94E-13	-1.54E-15	1.77E-13
-1444.301		
0.50000	-44.503336	2550.707
-3.09E-13	-1.54E-15	2.98E-13
-2449.039		
0.75000	-44.503336	2688.077
-3.25E-13	-1.54E-15	4.26E-13
-3506.094		
1.00000	-44.503336	2841.029
-3.44E-13	-1.54E-15	5.61E-13
-4621.758		

COMB ULO13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503336	2322.715
-2.81E-13	-1.54E-15	6.05E-14
-485.589259		
0.25000	-44.503336	2428.920
-2.94E-13	-1.54E-15	1.77E-13
-1444.301		
0.50000	-44.503336	2550.707
-3.09E-13	-1.54E-15	2.98E-13
-2449.039		
0.75000	-44.503336	2688.077
-3.25E-13	-1.54E-15	4.26E-13
-3506.094		
1.00000	-44.503336	2841.029
-3.44E-13	-1.54E-15	5.61E-13
-4621.758		

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 ULO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-63.680636	2322.885
-2.81E-13	-1.54E-15	1.15E-13
-946.309041		
0.25000	-63.680636	2429.091
-2.94E-13	-1.54E-15	2.32E-13
-1905.090		
0.50000	-63.680636	2550.878
-3.09E-13	-1.54E-15	3.53E-13
-2909.897		
0.75000	-63.680636	2688.248
-3.25E-13	-1.54E-15	4.81E-13
-3967.021		
1.00000	-63.680636	2841.200
-3.44E-13	-1.54E-15	6.16E-13
-5082.754		

COMB ULO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-63.680636	2322.885
-2.81E-13	-1.54E-15	1.15E-13
-946.309041		
0.25000	-63.680636	2429.091
-2.94E-13	-1.54E-15	2.32E-13
-1905.090		
0.50000	-63.680636	2550.878
-3.09E-13	-1.54E-15	3.53E-13
-2909.897		
0.75000	-63.680636	2688.248
-3.25E-13	-1.54E-15	4.81E-13
-3967.021		
1.00000	-63.680636	2841.200
-3.44E-13	-1.54E-15	6.16E-13
-5082.754		

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-44.503373	2322.817
-2.81E-13	-1.54E-15	6.05E-14
-485.671956		
0.25000	-44.503373	2429.022
-2.94E-13	-1.54E-15	1.77E-13
-1444.425		
0.50000	-44.503373	2550.809
-3.09E-13	-1.54E-15	2.98E-13
-2449.204		
0.75000	-44.503373	2688.179
-3.25E-13	-1.54E-15	4.26E-13
-3506.301		
1.00000	-44.503373	2841.131
-3.44E-13	-1.54E-15	5.61E-13
-4622.006		

COMB ULO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-44.503373	2322.817
-2.81E-13	-1.54E-15	6.05E-14
-485.671956		
0.25000	-44.503373	2429.022
-2.94E-13	-1.54E-15	1.77E-13
-1444.425		
0.50000	-44.503373	2550.809
-3.09E-13	-1.54E-15	2.98E-13
-2449.204		
0.75000	-44.503373	2688.179
-3.25E-13	-1.54E-15	4.26E-13
-3506.301		
1.00000	-44.503373	2841.131
-3.44E-13	-1.54E-15	5.61E-13
-4622.006		

COMB ULO16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.987744
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.417666
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.313369
-5.28E-14	1.34E-17	-9.77E-14
821.639193		
1.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 ULO17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		
0.25000	-11.939911	297.578035
-3.60E-14	1.75E-17	-1.69E-13
1413.098		
0.50000	-11.939911	424.236933
-5.14E-14	1.75E-17	-1.51E-13
1267.927		
0.75000	-11.939911	567.101348
-6.87E-14	1.75E-17	-1.27E-13
1068.345		
1.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		

COMB ULO17 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	187.124652
-2.27E-14	1.75E-17	-1.81E-13
1510.402		
0.25000	-11.939911	297.578035
-3.60E-14	1.75E-17	-1.69E-13
1413.098		
0.50000	-11.939911	424.236933
-5.14E-14	1.75E-17	-1.51E-13
1267.927		
0.75000	-11.939911	567.101348
-6.87E-14	1.75E-17	-1.27E-13
1068.345		
1.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		

COMB ULO18 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-74.171294	3585.482
-4.34E-13	-2.47E-15	2.14E-13
-1757.623		
0.25000	-74.171294	3687.439
-4.46E-13	-2.47E-15	3.92E-13
-3225.341		
0.50000	-74.171294	3804.355
-4.61E-13	-2.47E-15	5.75E-13
-4737.244		
0.75000	-74.171294	3936.230
-4.77E-13	-2.47E-15	7.64E-13
-6299.371		
1.00000	-74.171294	4083.064
-4.94E-13	-2.47E-15	9.60E-13
-7917.763		

COMB ULO18 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-74.171294	3585.482
-4.34E-13	-2.47E-15	2.14E-13
-1757.623		
0.25000	-74.171294	3687.439
-4.46E-13	-2.47E-15	3.92E-13
-3225.341		
0.50000	-74.171294	3804.355
-4.61E-13	-2.47E-15	5.75E-13
-4737.244		
0.75000	-74.171294	3936.230
-4.77E-13	-2.47E-15	7.64E-13
-6299.371		
1.00000	-74.171294	4083.064
-4.94E-13	-2.47E-15	9.60E-13
-7917.763		

COMB UEO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	143.848243
-1.74E-14	1.35E-17	-1.39E-13
1161.924		
0.25000	-9.184513	228.812383
-2.77E-14	1.35E-17	-1.30E-13
1087.112		
0.50000	-9.184513	326.242305
-3.95E-14	1.35E-17	-1.16E-13
975.479943		
0.75000	-9.184513	436.138008
-5.28E-14	1.35E-17	-9.78E-14
821.993839		
1.00000	-9.184513	558.499493
-6.76E-14	1.35E-17	-7.35E-14
621.620815		

COMB UEO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	143.848243
-1.74E-14	1.35E-17	-1.39E-13
1161.924		
0.25000	-9.184513	228.812383
-2.77E-14	1.35E-17	-1.30E-13
1087.112		
0.50000	-9.184513	326.242305
-3.95E-14	1.35E-17	-1.16E-13
975.479943		
0.75000	-9.184513	436.138008
-5.28E-14	1.35E-17	-9.78E-14
821.993839		
1.00000	-9.184513	558.499493
-6.76E-14	1.35E-17	-7.35E-14
621.620815		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 UEO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.987744
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.417666
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.313369
-5.28E-14	1.34E-17	-9.77E-14
821.639193		
1.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

COMB UEO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.987744
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.417666
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.313369
-5.28E-14	1.34E-17	-9.77E-14
821.639193		
1.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

COMB UEO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.596862	3841.065
-4.65E-13	-2.68E-15	2.74E-13
-2252.626		
0.25000	-77.596862	3926.029
-4.75E-13	-2.68E-15	4.63E-13
-3820.189		
0.50000	-77.596862	4023.459
-4.87E-13	-2.68E-15	6.58E-13
-5424.573		
0.75000	-77.596862	4133.355
-5.00E-13	-2.68E-15	8.57E-13
-7070.810		
1.00000	-77.596862	4255.716
-5.15E-13	-2.68E-15	1.06E-12
-8763.935		

COMB UEO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.596862	3841.065
-4.65E-13	-2.68E-15	2.74E-13
-2252.626		
0.25000	-77.596862	3926.029
-4.75E-13	-2.68E-15	4.63E-13
-3820.189		
0.50000	-77.596862	4023.459
-4.87E-13	-2.68E-15	6.58E-13
-5424.573		
0.75000	-77.596862	4133.355
-5.00E-13	-2.68E-15	8.57E-13
-7070.810		
1.00000	-77.596862	4255.716
-5.15E-13	-2.68E-15	1.06E-12
-8763.935		

COMB UEO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528096	2372.416
-2.87E-13	-1.61E-15	1.05E-13
-853.547246		
0.25000	-43.528096	2457.380
-2.98E-13	-1.61E-15	2.23E-13
-1828.143		
0.50000	-43.528096	2554.810
-3.09E-13	-1.61E-15	3.45E-13
-2839.560		
0.75000	-43.528096	2664.706
-3.23E-13	-1.61E-15	4.73E-13
-3892.830		
1.00000	-43.528096	2787.067
-3.37E-13	-1.61E-15	6.06E-13
-4992.987		

COMB UEO04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528096	2372.416
-2.87E-13	-1.61E-15	1.05E-13
-853.547246		
0.25000	-43.528096	2457.380
-2.98E-13	-1.61E-15	2.23E-13
-1828.143		
0.50000	-43.528096	2554.810
-3.09E-13	-1.61E-15	3.45E-13
-2839.560		
0.75000	-43.528096	2664.706
-3.23E-13	-1.61E-15	4.73E-13
-3892.830		
1.00000	-43.528096	2787.067
-3.37E-13	-1.61E-15	6.06E-13
-4992.987		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 UEO05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528135	2372.522
-2.87E-13	-1.61E-15	1.05E-13
-853.633251		
0.25000	-43.528135	2457.486
-2.98E-13	-1.61E-15	2.23E-13
-1828.272		
0.50000	-43.528135	2554.916
-3.09E-13	-1.61E-15	3.45E-13
-2839.731		
0.75000	-43.528135	2664.812
-3.23E-13	-1.61E-15	4.73E-13
-3893.044		

1.00000 -43.528135 2787.173
-3.37E-13 -1.61E-15 6.06E-13
-4993.244

COMB UEO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -43.528135 2372.522
-2.87E-13 -1.61E-15 1.05E-13
-853.633251
0.25000 -43.528135 2457.486
-2.98E-13 -1.61E-15 2.23E-13
-1828.272
0.50000 -43.528135 2554.916
-3.09E-13 -1.61E-15 3.45E-13
-2839.731
0.75000 -43.528135 2664.812
-3.23E-13 -1.61E-15 4.73E-13
-3893.044
1.00000 -43.528135 2787.173
-3.37E-13 -1.61E-15 6.06E-13
-4993.244

COMB UEO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -29.128892 143.989193
-1.74E-14 1.08E-17 -8.18E-14
682.804826
0.25000 -29.128892 228.953333
-2.77E-14 1.08E-17 -7.27E-14
607.936475
0.50000 -29.128892 326.383255
-3.95E-14 1.08E-17 -5.92E-14
496.247323
0.75000 -29.128892 436.278958
-5.28E-14 1.08E-17 -4.06E-14
342.704310
1.00000 -29.128892 558.640443
-6.77E-14 1.08E-17 -1.63E-14
142.274378

COMB UEO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -29.128892 143.989193
-1.74E-14 1.08E-17 -8.18E-14
682.804826
0.25000 -29.128892 228.953333
-2.77E-14 1.08E-17 -7.27E-14
607.936475
0.50000 -29.128892 326.383255
-3.95E-14 1.08E-17 -5.92E-14
496.247323
0.75000 -29.128892 436.278958
-5.28E-14 1.08E-17 -4.06E-14
342.704310
1.00000 -29.128892 558.640443
-6.77E-14 1.08E-17 -1.63E-14
142.274378

COMB UEO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867
0.25000 -9.184538 228.881712
-2.77E-14 1.35E-17 -1.30E-13
1087.028
0.50000 -9.184538 326.311634
-3.95E-14 1.35E-17 -1.16E-13
975.367726
0.75000 -9.184538 436.207337
-5.28E-14 1.35E-17 -9.78E-14
821.853630
1.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615

COMB UEO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 143.917571
-1.74E-14 1.35E-17 -1.39E-13
1161.867
0.25000 -9.184538 228.881712
-2.77E-14 1.35E-17 -1.30E-13
1087.028
0.50000 -9.184538 326.311634
-3.95E-14 1.35E-17 -1.16E-13
975.367726
0.75000 -9.184538 436.207337
-5.28E-14 1.35E-17 -9.78E-14
821.853630
1.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 440

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 UEO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -29.128930 144.095225
-1.75E-14 1.07E-17 -8.18E-14
682.718820
0.25000 -29.128930 229.059365
-2.77E-14 1.07E-17 -7.27E-14
607.807659
0.50000 -29.128930 326.489287
-3.95E-14 1.07E-17 -5.92E-14
496.075696
0.75000 -29.128930 436.384990
-5.28E-14 1.07E-17 -4.06E-14
342.489873
1.00000 -29.128930 558.746475
-6.77E-14 1.07E-17 -1.63E-14
142.017130

COMB UEO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -29.128930 144.095225
-1.75E-14 1.07E-17 -8.18E-14
682.718820
0.25000 -29.128930 229.059365
-2.77E-14 1.07E-17 -7.27E-14
607.807659
0.50000 -29.128930 326.489287
-3.95E-14 1.07E-17 -5.92E-14
496.075696
0.75000 -29.128930 436.384990
-5.28E-14 1.07E-17 -4.06E-14
342.489873
1.00000 -29.128930 558.746475
-6.77E-14 1.07E-17 -1.63E-14
142.017130

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB UEO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 144.023603
-1.74E-14 1.34E-17 -1.39E-13
1161.781
0.25000 -9.184576 228.987744
-2.77E-14 1.34E-17 -1.30E-13
1086.899
0.50000 -9.184576 326.417666
-3.95E-14 1.34E-17 -1.16E-13
975.196099
0.75000 -9.184576 436.313369
-5.28E-14 1.34E-17 -9.77E-14
821.639193
1.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 3691.739
-4.47E-13 -2.58E-15 3.20E-13
-2640.029
0.25000 -93.683655 3772.455
-4.57E-13 -2.58E-15 5.02E-13
-4146.465
0.50000 -93.683655 3865.013
-4.68E-13 -2.58E-15 6.89E-13
-5687.880
0.75000 -93.683655 3969.414
-4.81E-13 -2.58E-15 8.80E-13
-7269.057
1.00000 -93.683655 4085.658
-4.95E-13 -2.58E-15 1.08E-12
-8894.776

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 3691.739
-4.47E-13 -2.58E-15 3.20E-13
-2640.029
0.25000 -93.683655 3772.455
-4.57E-13 -2.58E-15 5.02E-13
-4146.465
0.50000 -93.683655 3865.013
-4.68E-13 -2.58E-15 6.89E-13
-5687.880
0.75000 -93.683655 3969.414
-4.81E-13 -2.58E-15 8.80E-13
-7269.057
1.00000 -93.683655 4085.658
-4.95E-13 -2.58E-15 1.08E-12
-8894.776

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 441

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3691.670
-4.47E-13 -2.57E-15 2.65E-13
-2179.392
0.25000 -74.506391 3772.386
-4.57E-13 -2.57E-15 4.47E-13
-3685.800
0.50000 -74.506391 3864.944
-4.68E-13 -2.57E-15 6.34E-13
-5227.188
0.75000 -74.506391 3969.345
-4.81E-13 -2.57E-15 8.25E-13
-6808.337
1.00000 -74.506391 4085.589
-4.95E-13 -2.57E-15 1.02E-12
-8434.028

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 3691.670
-4.47E-13 -2.57E-15 2.65E-13
-2179.392
0.25000 -74.506391 3772.386
-4.57E-13 -2.57E-15 4.47E-13
-3685.800
0.50000 -74.506391 3864.944
-4.68E-13 -2.57E-15 6.34E-13
-5227.188
0.75000 -74.506391 3969.345
-4.81E-13 -2.57E-15 8.25E-13
-6808.337
1.00000 -74.506391 4085.589
-4.95E-13 -2.57E-15 1.02E-12
-8434.028

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2279.576
-2.76E-13 -1.55E-15 1.57E-13
-1294.761
0.25000 -60.925227 2360.292
-2.86E-13 -1.55E-15 2.70E-13
-2231.036
0.50000 -60.925227 2452.851
-2.97E-13 -1.55E-15 3.88E-13
-3202.291
0.75000 -60.925227 2557.252
-3.10E-13 -1.55E-15 5.11E-13
-4213.307
1.00000 -60.925227 2673.495
-3.24E-13 -1.55E-15 6.38E-13
-5268.865

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2279.576
-2.76E-13 -1.55E-15 1.57E-13
-1294.761
0.25000 -60.925227 2360.292
-2.86E-13 -1.55E-15 2.70E-13
-2231.036
0.50000 -60.925227 2452.851
-2.97E-13 -1.55E-15 3.88E-13
-3202.291
0.75000 -60.925227 2557.252
-3.10E-13 -1.55E-15 5.11E-13
-4213.307
1.00000 -60.925227 2673.495
-3.24E-13 -1.55E-15 6.38E-13
-5268.865

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2279.508
-2.76E-13 -1.55E-15 1.02E-13
-834.123675
0.25000 -41.747963 2360.224
-2.86E-13 -1.55E-15 2.16E-13
-1770.371
0.50000 -41.747963 2452.782
-2.97E-13 -1.55E-15 3.33E-13
-2741.598
0.75000 -41.747963 2557.183
-3.10E-13 -1.55E-15 4.56E-13
-3752.586
1.00000 -41.747963 2673.426
-3.24E-13 -1.55E-15 5.83E-13
-4808.117

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2279.508
-2.76E-13 -1.55E-15 1.02E-13
-834.123675
0.25000 -41.747963 2360.224
-2.86E-13 -1.55E-15 2.16E-13
-1770.371
0.50000 -41.747963 2452.782
-2.97E-13 -1.55E-15 3.33E-13
-2741.598
0.75000 -41.747963 2557.183
-3.10E-13 -1.55E-15 4.56E-13
-3752.586
1.00000 -41.747963 2673.426
-3.24E-13 -1.55E-15 5.83E-13
-4808.117

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 442

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2279.678
-2.76E-13 -1.55E-15 1.57E-13
-1294.843
0.25000 -60.925263 2360.394
-2.86E-13 -1.55E-15 2.71E-13
-2231.160
0.50000 -60.925263 2452.953
-2.97E-13 -1.55E-15 3.88E-13
-3202.456
0.75000 -60.925263 2557.354
-3.10E-13 -1.55E-15 5.11E-13
-4213.513
1.00000 -60.925263 2673.597
-3.24E-13 -1.55E-15 6.38E-13
-5269.113

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2279.678
-2.76E-13 -1.55E-15 1.57E-13
-1294.843
0.25000 -60.925263 2360.394
-2.86E-13 -1.55E-15 2.71E-13
-2231.160
0.50000 -60.925263 2452.953
-2.97E-13 -1.55E-15 3.88E-13
-3202.456
0.75000 -60.925263 2557.354
-3.10E-13 -1.55E-15 5.11E-13
-4213.513
1.00000 -60.925263 2673.597
-3.24E-13 -1.55E-15 6.38E-13

-5269.113

COMB UEO15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-41.748000	2279.610
-2.76E-13	-1.55E-15	1.02E-13
-834.206373		
0.25000	-41.748000	2360.325
-2.86E-13	-1.55E-15	2.16E-13
-1770.495		
0.50000	-41.748000	2452.884
-2.97E-13	-1.55E-15	3.33E-13
-2741.763		
0.75000	-41.748000	2557.285
-3.10E-13	-1.55E-15	4.56E-13
-3752.792		
1.00000	-41.748000	2673.528
-3.24E-13	-1.55E-15	5.83E-13
-4808.364		

COMB UEO15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-41.748000	2279.610
-2.76E-13	-1.55E-15	1.02E-13
-834.206373		
0.25000	-41.748000	2360.325
-2.86E-13	-1.55E-15	2.16E-13
-1770.495		
0.50000	-41.748000	2452.884
-2.97E-13	-1.55E-15	3.33E-13
-2741.763		
0.75000	-41.748000	2557.285
-3.10E-13	-1.55E-15	4.56E-13
-3752.792		
1.00000	-41.748000	2673.528
-3.24E-13	-1.55E-15	5.83E-13
-4808.364		

COMB UEO16 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.987744
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.417666
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.313369
-5.28E-14	1.34E-17	-9.77E-14
821.639193		
1.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

COMB UEO16 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	144.023603
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.987744
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.417666
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.313369
-5.28E-14	1.34E-17	-9.77E-14
821.639193		
1.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 443

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 UEO17 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184538	143.917571
-1.74E-14	1.35E-17	-1.39E-13
1161.867		
0.25000	-9.184538	228.881712
-2.77E-14	1.35E-17	-1.30E-13
1087.028		
0.50000	-9.184538	326.311634
-3.95E-14	1.35E-17	-1.16E-13
975.367726		
0.75000	-9.184538	436.207337
-5.28E-14	1.35E-17	-9.78E-14
821.853630		
1.00000	-9.184538	558.568821
-6.76E-14	1.35E-17	-7.35E-14
621.452615		

COMB UEO17 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184538	143.917571
-1.74E-14	1.35E-17	-1.39E-13
1161.867		
0.25000	-9.184538	228.881712
-2.77E-14	1.35E-17	-1.30E-13
1087.028		
0.50000	-9.184538	326.311634
-3.95E-14	1.35E-17	-1.16E-13
975.367726		
0.75000	-9.184538	436.207337
-5.28E-14	1.35E-17	-9.78E-14
821.853630		
1.00000	-9.184538	558.568821
-6.76E-14	1.35E-17	-7.35E-14
621.452615		

COMB UEO18 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-71.415921	3542.275
-4.29E-13	-2.47E-15	2.56E-13
-2106.158		
0.25000	-71.415921	3618.743
-4.38E-13	-2.47E-15	4.31E-13
-3551.411		
0.50000	-71.415921	3706.430
-4.49E-13	-2.47E-15	6.10E-13
-5029.803		
0.75000	-71.415921	3805.336
-4.61E-13	-2.47E-15	7.93E-13
-6545.863		
1.00000	-71.415921	3915.461
-4.74E-13	-2.47E-15	9.82E-13
-8104.121		

COMB UEO18 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-71.415921	3542.275
-4.29E-13	-2.47E-15	2.56E-13
-2106.158		
0.25000	-71.415921	3618.743
-4.38E-13	-2.47E-15	4.31E-13
-3551.411		
0.50000	-71.415921	3706.430
-4.49E-13	-2.47E-15	6.10E-13
-5029.803		
0.75000	-71.415921	3805.336
-4.61E-13	-2.47E-15	7.93E-13
-6545.863		
1.00000	-71.415921	3915.461
-4.74E-13	-2.47E-15	9.82E-13
-8104.121		

COMB ENVBULT ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

COMB ENVBULT ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 444

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 ENVBECC ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184513	144.023603
-1.74E-14	1.35E-17	-1.39E-13
1161.924		
0.25000	-9.184513	228.987744
-2.77E-14	1.35E-17	-1.30E-13
1087.112		
0.50000	-9.184513	326.417666
-3.95E-14	1.35E-17	-1.16E-13
975.479943		
0.75000	-9.184513	436.313369
-5.28E-14	1.35E-17	-9.77E-14
821.993839		
1.00000	-9.184513	558.674853
-6.76E-14	1.35E-17	-7.35E-14
621.620815		

COMB ENVBECC ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	143.848243
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.812383
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.242305
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.138008
-5.28E-14	1.34E-17	-9.78E-14
821.639193		
1.00000	-9.184576	558.499493
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

COMB ENVOULT ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

COMB ENVOULT ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939886	187.055324
-2.27E-14	1.76E-17	-1.81E-13
1510.458		
0.25000	-11.939886	297.508706
-3.60E-14	1.76E-17	-1.69E-13
1413.182		
0.50000	-11.939886	424.167605
-5.14E-14	1.76E-17	-1.51E-13
1268.039		
0.75000	-11.939886	567.032019
-6.87E-14	1.76E-17	-1.27E-13
1068.486		
1.00000	-11.939886	726.101949
-8.79E-14	1.76E-17	-9.56E-14
807.979425		

COMB ENVOECC ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184513	144.023603
-1.74E-14	1.35E-17	-1.39E-13
1161.924		
0.25000	-9.184513	228.987744
-2.77E-14	1.35E-17	-1.30E-13
1087.112		
0.50000	-9.184513	326.417666
-3.95E-14	1.35E-17	-1.16E-13
975.479943		
0.75000	-9.184513	436.313369
-5.28E-14	1.35E-17	-9.77E-14
821.993839		
1.00000	-9.184513	558.674853
-6.76E-14	1.35E-17	-7.35E-14
621.620815		

COMB ENVOECC ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	143.848243
-1.74E-14	1.34E-17	-1.39E-13
1161.781		
0.25000	-9.184576	228.812383
-2.77E-14	1.34E-17	-1.30E-13
1086.899		
0.50000	-9.184576	326.242305
-3.95E-14	1.34E-17	-1.16E-13
975.196099		
0.75000	-9.184576	436.138008
-5.28E-14	1.34E-17	-9.78E-14
821.639193		
1.00000	-9.184576	558.499493
-6.77E-14	1.34E-17	-7.35E-14
621.195367		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 445

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 9 ==========
LENGTH = 1.585000

LOAD D ----------

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
-8.29E-14	1.34E-17	-4.36E-14
374.815967		
0.50000	-9.184576	811.086103
-9.82E-14	1.34E-17	-7.73E-15
78.427588		
0.75000	-9.184576	937.291728
-1.14E-13	1.34E-17	3.42E-14
-267.969770		
1.00000	-9.184576	1063.497
-1.29E-13	1.34E-17	8.22E-14
-664.376106		

LOAD L1 ----------

REL DIST	P	V2
V3	T M2	M3
0.00000	2.95E-05	-0.081563
9.88E-18	5.93E-20	-2.40E-17
0.197883		
0.25000	2.95E-05	-0.081563
9.88E-18	5.93E-20	-2.79E-17
0.230202		
0.50000	2.95E-05	-0.081563
9.88E-18	5.93E-20	-3.18E-17
0.262521		
0.75000	2.95E-05	-0.081563
9.88E-18	5.93E-20	-3.57E-17
0.294841		
1.00000	2.95E-05	-0.081563
9.88E-18	5.93E-20	-3.96E-17
0.327160		

LOAD W-LO ----------

REL DIST	P	V2
V3	T M2	M3
0.00000	3.16E-17	2.93E-15
24.185793	-5.784978	43.351937
6.22E-15		
0.25000	3.16E-17	3.63E-15
30.010668	-5.784978	32.614263
4.92E-15		
0.50000	3.16E-17	4.34E-15
35.835543	-5.784978	19.568483
3.35E-15		
0.75000	3.16E-17	5.04E-15
41.660418	-5.784978	4.214596
1.49E-15		
1.00000	3.16E-17	5.75E-15
47.485293	-5.784978	-13.447398
-6.52E-16		

LOAD G-LO1 ----------

REL	DIST	P	V2
V3	T	M2	M3
0.00000	1.52E-26	6.62E-24	4.47E-08
7.39E-09	.000000	-1.65E-24	
0.25000	1.52E-26	6.62E-24	4.47E-08
7.39E-09	-1.77E-08	-4.28E-24	
0.50000	1.52E-26	6.62E-24	4.47E-08
7.39E-09	-3.54E-08	-6.90E-24	
0.75000	1.52E-26	6.62E-24	4.47E-08
7.39E-09	-5.31E-08	-9.52E-24	
1.00000	1.52E-26	6.62E-24	4.47E-08
7.39E-09	-7.09E-08	-1.21E-23	

LOAD E-LO ----------

REL	DIST	P	V2
V3	T	M2	M3
0.00000	.000000	.000000	.000000
.000000	.000000		
0.25000	.000000	.000000	.000000
.000000	.000000		
0.50000	.000000	.000000	.000000
.000000	.000000		
0.75000	.000000	.000000	.000000
.000000	.000000		
1.00000	.000000	.000000	.000000
.000000	.000000		

LOAD W-TR ----------

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-52.624835	2843.878	-3.44E-13
-2.07E-15	8.73E-13	-7219.331	
0.25000	-52.624835	2843.878	-3.44E-13
-2.07E-15	1.01E-12	-8346.218	
0.50000	-52.624835	2843.878	-3.44E-13
-2.07E-15	1.15E-12	-9473.104	

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	-52.624835	2843.878	-3.44E-13
-2.07E-15	1.28E-12	-10599.991	
1.00000	-52.624835	2843.878	-3.44E-13
-2.07E-15	1.42E-12	-11726.878	

LOAD WL ----------

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-0.105704	292.290603	-3.54E-14
-2.13E-16	8.58E-14	-709.134483	
0.25000	-0.105704	292.290603	-3.54E-14
-2.13E-16	9.99E-14	-824.954634	
0.50000	-0.105704	292.290603	-3.54E-14
-2.13E-16	1.14E-13	-940.774786	
0.75000	-0.105704	292.290603	-3.54E-14
-2.13E-16	1.28E-13	-1056.595	
1.00000	-0.105704	292.290603	-3.54E-14
-2.13E-16	1.42E-13	-1172.415	

LOAD G-TR ----------

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-15.341811	0.055093	-6.59E-18
-2.06E-18	4.40E-14	-368.598644	
0.25000	-15.341811	0.055093	-6.59E-18
-2.06E-18	4.40E-14	-368.620475	
0.50000	-15.341811	0.055093	-6.59E-18
-2.06E-18	4.40E-14	-368.642306	
0.75000	-15.341811	0.055093	-6.59E-18
-2.06E-18	4.40E-14	-368.664136	
1.00000	-15.341811	0.055093	-6.59E-18
-2.06E-18	4.40E-14	-368.685967	

LOAD E-TR ----------

REL	DIST	P	V2
V3	T	M2	M3
0.00000	.000000	.000000	.000000
.000000	.000000		
0.25000	.000000	.000000	.000000
.000000	.000000		
0.50000	.000000	.000000	.000000
.000000	.000000		
0.75000	.000000	.000000	.000000
.000000	.000000		
1.00000	.000000	.000000	.000000
.000000	.000000		

COMB SVB01 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	558.593290	-6.76E-14
1.35E-17	-7.35E-14	621.393250	
0.25000	-9.184547	684.798915	-8.29E-14
1.35E-17	-4.37E-14	375.046169	
0.50000	-9.184547	811.004540	-9.82E-14
1.35E-17	-7.76E-15	78.690110	
0.75000	-9.184547	937.210165	-1.14E-13
1.35E-17	3.42E-14	-267.674929	
1.00000	-9.184547	1063.416	-1.29E-13
1.35E-17	8.22E-14	-664.048946	

COMB SVB01 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	558.593290	-6.76E-14
1.35E-17	-7.35E-14	621.393250	
0.25000	-9.184547	684.798915	-8.29E-14
1.35E-17	-4.37E-14	375.046169	
0.50000	-9.184547	811.004540	-9.82E-14
1.35E-17	-7.76E-15	78.690110	
0.75000	-9.184547	937.210165	-1.14E-13
1.35E-17	3.42E-14	-267.674929	
1.00000	-9.184547	1063.416	-1.29E-13
1.35E-17	8.22E-14	-664.048946	

COMB SVB02 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853	-6.77E-14
1.34E-17	-7.35E-14	621.195367	

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	-9.184576	684.880478	-8.29E-14
1.34E-17	-4.36E-14	374.815967	
0.50000	-9.184576	811.086103	-9.82E-14
1.34E-17	-7.73E-15	78.427588	
0.75000	-9.184576	937.291728	-1.14E-13
1.34E-17	3.42E-14	-267.969770	
1.00000	-9.184576	1063.497	-1.29E-13
1.34E-17	8.22E-14	-664.376106	

COMB SVB02 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853	-6.77E-14
1.34E-17	-7.35E-14	621.195367	
0.25000	-9.184576	684.880478	-8.29E-14
1.34E-17	-4.36E-14	374.815967	
0.50000	-9.184576	811.086103	-9.82E-14
1.34E-17	-7.73E-15	78.427588	
0.75000	-9.184576	937.291728	-1.14E-13
1.34E-17	3.42E-14	-267.969770	
1.00000	-9.184576	1063.497	-1.29E-13
1.34E-17	8.22E-14	-664.376106	

COMB SVB03 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853	24.185793
-5.784978	43.351937	621.195367	
0.25000	-9.184576	684.880478	30.010668
-5.784978	32.614263	374.815967	
0.50000	-9.184576	811.086103	35.835543
-5.784978	19.568483	78.427588	
0.75000	-9.184576	937.291728	41.660418
-5.784978	4.214596	-267.969770	
1.00000	-9.184576	1063.497	47.485293
-5.784978	-13.447398	-664.376106	

COMB SVB03 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853	24.185793
-5.784978	43.351937	621.195367	
0.25000	-9.184576	684.880478	30.010668
-5.784978	32.614263	374.815967	
0.50000	-9.184576	811.086103	35.835543
-5.784978	19.568483	78.427588	
0.75000	-9.184576	937.291728	41.660418
-5.784978	4.214596	-267.969770	
1.00000	-9.184576	1063.497	47.485293
-5.784978	-13.447398	-664.376106	

COMB SVB04 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	558.593290	12.092896
-2.892489	21.675968	621.393250	
0.25000	-9.184547	684.798915	15.005334
-2.892489	16.307132	375.046169	
0.50000	-9.184547	811.004540	17.917771
-2.892489	9.784241	78.690110	
0.75000	-9.184547	937.210165	20.830209
-2.892489	2.107298	-267.674929	
1.00000	-9.184547	1063.416	23.742646
-2.892489	-6.723699	-664.048946	

COMB SVB04 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	558.593290	12.092896
-2.892489	21.675968	621.393250	
0.25000	-9.184547	684.798915	15.005334
-2.892489	16.307132	375.046169	
0.50000	-9.184547	811.004540	17.917771
-2.892489	9.784241	78.690110	
0.75000	-9.184547	937.210165	20.830209
-2.892489	2.107298	-267.674929	
1.00000	-9.184547	1063.416	23.742646
-2.892489	-6.723699	-664.048946	

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 SVB05 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853	12.092896
-2.892489	21.675968	621.195367	
0.25000	-9.184576	684.880478	15.005334
-2.892489	16.307132	374.815967	
0.50000	-9.184576	811.086103	17.917771
-2.892489	9.784241	78.427588	
0.75000	-9.184576	937.291728	20.830209
-2.892489	2.107298	-267.969770	
1.00000	-9.184576	1063.497	23.742646
-2.892489	-6.723699	-664.376106	

COMB SVB05 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853	12.092896
-2.892489	21.675968	621.195367	
0.25000	-9.184576	684.880478	15.005334
-2.892489	16.307132	374.815967	
0.50000	-9.184576	811.086103	17.917771
-2.892489	9.784241	78.427588	
0.75000	-9.184576	937.291728	20.830209
-2.892489	2.107298	-267.969770	
1.00000	-9.184576	1063.497	23.742646
-2.892489	-6.723699	-664.376106	

COMB SVB06 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	558.593290	4.47E-08
7.39E-09	-7.35E-14	621.393250	
0.25000	-9.184547	684.798915	4.47E-08
7.39E-09	-1.77E-08	375.046169	
0.50000	-9.184547	811.004540	4.47E-08
7.39E-09	-3.54E-08	78.690110	
0.75000	-9.184547	937.210165	4.47E-08
7.39E-09	-5.31E-08	-267.674929	
1.00000	-9.184547	1063.416	4.47E-08
7.39E-09	-7.09E-08	-664.048946	

COMB SVB06 ----------
MIN

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	558.593290	4.47E-08
7.39E-09	-7.35E-14	621.393250	
0.25000	-9.184547	684.798915	4.47E-08
7.39E-09	-1.77E-08	375.046169	
0.50000	-9.184547	811.004540	4.47E-08
7.39E-09	-3.54E-08	78.690110	
0.75000	-9.184547	937.210165	4.47E-08
7.39E-09	-5.31E-08	-267.674929	
1.00000	-9.184547	1063.416	4.47E-08
7.39E-09	-7.09E-08	-664.048946	

COMB SVB07 ----------
MAX

REL	DIST	P	V2
V3	T	M2	M3
0.00000	-9.184547	558.593290	-6.76E-14
1.35E-17	-7.35E-14	621.393250	
0.25000	-9.184547	684.798915	-8.29E-14
1.35E-17	-4.37E-14	375.046169	
0.50000	-9.184547	811.004540	-9.82E-14
1.35E-17	-7.76E-15	78.690110	
0.75000	-9.184547	937.210165	-1.14E-13
1.35E-17	3.42E-14	-267.674929	
1.00000	-9.184547	1063.416	-1.29E-13
1.35E-17	8.22E-14	-664.048946	

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250
0.25000 -9.184547 684.798915
-8.29E-14 1.35E-17 -4.37E-14
375.046169
0.50000 -9.184547 811.004540
-9.82E-14 1.35E-17 -7.76E-15
78.690110
0.75000 -9.184547 937.210165
-1.14E-13 1.35E-17 3.42E-14
-267.674929
1.00000 -9.184547 1063.416
-1.29E-13 1.35E-17 8.22E-14
-664.048946

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 SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
4.47E-08 7.39E-09 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
4.47E-08 7.39E-09 -1.77E-08
374.815967
0.50000 -9.184576 811.086103
4.47E-08 7.39E-09 -3.54E-08
78.427588
0.75000 -9.184576 937.291728
4.47E-08 7.39E-09 -5.31E-08
-267.969770
1.00000 -9.184576 1063.497
4.47E-08 7.39E-09 -7.09E-08
-664.376106

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
4.47E-08 7.39E-09 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
4.47E-08 7.39E-09 -1.77E-08
374.815967
0.50000 -9.184576 811.086103
4.47E-08 7.39E-09 -3.54E-08
78.427588
0.75000 -9.184576 937.291728
4.47E-08 7.39E-09 -5.31E-08
-267.969770
1.00000 -9.184576 1063.497
4.47E-08 7.39E-09 -7.09E-08
-664.376106

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
24.185793 -5.784978 43.351937
621.195367
0.25000 -9.184576 684.880478
30.010668 -5.784978 32.614263
374.815967
0.50000 -9.184576 811.086103
35.835543 -5.784978 19.568483
78.427588
0.75000 -9.184576 937.291728
41.660418 -5.784978 4.214596
-267.969770
1.00000 -9.184576 1063.497
47.485293 -5.784978 -13.447398
-664.376106

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
24.185793 -5.784978 43.351937
621.195367
0.25000 -9.184576 684.880478
30.010668 -5.784978 32.614263
374.815967
0.50000 -9.184576 811.086103
35.835543 -5.784978 19.568483
78.427588
0.75000 -9.184576 937.291728
41.660418 -5.784978 4.214596
-267.969770
1.00000 -9.184576 1063.497
47.485293 -5.784978 -13.447398
-664.376106

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 SVB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
24.185793 -5.784978 43.351937
621.195367
0.25000 -9.184576 684.880478
30.010668 -5.784978 32.614263
374.815967
0.50000 -9.184576 811.086103
35.835543 -5.784978 19.568483
78.427588
0.75000 -9.184576 937.291728
41.660418 -5.784978 4.214596
-267.969770
1.00000 -9.184576 1063.497
47.485293 -5.784978 -13.447398
-664.376106

COMB SVB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
24.185793 -5.784978 43.351937
621.195367
0.25000 -9.184576 684.880478
30.010668 -5.784978 32.614263
374.815967
0.50000 -9.184576 811.086103
35.835543 -5.784978 19.568483
78.427588
0.75000 -9.184576 937.291728
41.660418 -5.784978 4.214596
-267.969770
1.00000 -9.184576 1063.497
47.485293 -5.784978 -13.447398
-664.376106

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
12.092896 -2.892489 21.675968
621.393250
0.25000 -9.184547 684.798915
15.005334 -2.892489 16.307132
375.046169
0.50000 -9.184547 811.004540
17.917771 -2.892489 9.784241
78.690110
0.75000 -9.184547 937.210165
20.830209 -2.892489 2.107298
-267.674929
1.00000 -9.184547 1063.416
23.742646 -2.892489 -6.723699
-664.048946

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
12.092896 -2.892489 21.675968
621.393250
0.25000 -9.184547 684.798915
15.005334 -2.892489 16.307132
375.046169
0.50000 -9.184547 811.004540
17.917771 -2.892489 9.784241
78.690110
0.75000 -9.184547 937.210165
20.830209 -2.892489 2.107298
-267.674929
1.00000 -9.184547 1063.416
23.742646 -2.892489 -6.723699
-664.048946

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
12.092896 -2.892489 21.675968
621.393250
0.25000 -9.184547 684.798915
15.005334 -2.892489 16.307132
375.046169
0.50000 -9.184547 811.004540
17.917771 -2.892489 9.784241
78.690110
0.75000 -9.184547 937.210165
20.830209 -2.892489 2.107298
-267.674929
1.00000 -9.184547 1063.416
23.742646 -2.892489 -6.723699
-664.048946

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
12.092896 -2.892489 21.675968
621.393250
0.25000 -9.184547 684.798915
15.005334 -2.892489 16.307132
375.046169
0.50000 -9.184547 811.004540
17.917771 -2.892489 9.784241
78.690110
0.75000 -9.184547 937.210165
20.830209 -2.892489 2.107298
-267.674929
1.00000 -9.184547 1063.416
23.742646 -2.892489 -6.723699
-664.048946

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
12.092896 -2.892489 21.675968
621.195367
0.25000 -9.184576 684.880478
15.005334 -2.892489 16.307132
374.815967
0.50000 -9.184576 811.086103
17.917771 -2.892489 9.784241
78.427588
0.75000 -9.184576 937.291728
20.830209 -2.892489 2.107298
-267.969770
1.00000 -9.184576 1063.497
23.742646 -2.892489 -6.723699
-664.376106

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
12.092896 -2.892489 21.675968
621.195367
0.25000 -9.184576 684.880478
15.005334 -2.892489 16.307132
374.815967
0.50000 -9.184576 811.086103
17.917771 -2.892489 9.784241
78.427588
0.75000 -9.184576 937.291728
20.830209 -2.892489 2.107298
-267.969770
1.00000 -9.184576 1063.497
23.742646 -2.892489 -6.723699
-664.376106

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544

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 ULB02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		
0.25000	-11.939949	890.344622
-1.08E-13	1.74E-17	-5.67E-14
487.260758		
0.50000	-11.939949	1054.412
-1.28E-13	1.74E-17	-1.00E-14
101.955865		
0.75000	-11.939949	1218.479
-1.48E-13	1.74E-17	4.45E-14
-348.360700		
1.00000	-11.939949	1382.547
-1.67E-13	1.74E-17	1.07E-13
-863.688938		

COMB ULB02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		
0.25000	-11.939949	890.344622
-1.08E-13	1.74E-17	-5.67E-14
487.260758		
0.50000	-11.939949	1054.412
-1.28E-13	1.74E-17	-1.00E-14
101.955865		
0.75000	-11.939949	1218.479
-1.48E-13	1.74E-17	4.45E-14
-348.360700		
1.00000	-11.939949	1382.547
-1.67E-13	1.74E-17	1.07E-13
-863.688938		

COMB ULB03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
31.441530	-7.520471	56.357518
807.553978		
0.25000	-11.939949	890.344622
39.013868	-7.520471	42.398542
487.260758		
0.50000	-11.939949	1054.412
46.586205	-7.520471	25.439028
101.955865		
0.75000	-11.939949	1218.479
54.158543	-7.520471	5.478974
-348.360700		
1.00000	-11.939949	1382.547
61.730880	-7.520471	-17.481618
-863.688938		

COMB ULB03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
31.441530	-7.520471	56.357518
807.553978		
0.25000	-11.939949	890.344622
39.013868	-7.520471	42.398542
487.260758		
0.50000	-11.939949	1054.412
46.586205	-7.520471	25.439028
101.955865		
0.75000	-11.939949	1218.479
54.158543	-7.520471	5.478974
-348.360700		
1.00000	-11.939949	1382.547
61.730880	-7.520471	-17.481618
-863.688938		

COMB ULB04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	726.171277
15.720765	-3.760236	28.178759
807.811225		
0.25000	-11.939911	890.238590
19.506934	-3.760236	21.199271
487.560020		
0.50000	-11.939911	1054.306
23.293103	-3.760236	12.719514
102.297143		
0.75000	-11.939911	1218.373
27.079271	-3.760236	2.739487
-347.977407		
1.00000	-11.939911	1382.441
30.865440	-3.760236	-8.740809
-863.263630		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 453

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 ULB05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
15.720765	-3.760236	28.178759
807.553978		
0.25000	-11.939949	890.344622
19.506934	-3.760236	21.199271
487.260758		
0.50000	-11.939949	1054.412
23.293103	-3.760236	12.719514
101.955865		
0.75000	-11.939949	1218.479
27.079271	-3.760236	2.739487
-348.360700		
1.00000	-11.939949	1382.547
30.865440	-3.760236	-8.740809
-863.688938		

COMB ULB05 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
15.720765	-3.760236	28.178759
807.553978		
0.25000	-11.939949	890.344622
19.506934	-3.760236	21.199271
487.260758		
0.50000	-11.939949	1054.412
23.293103	-3.760236	12.719514
101.955865		
0.75000	-11.939949	1218.479
27.079271	-3.760236	2.739487
-348.360700		
1.00000	-11.939949	1382.547
30.865440	-3.760236	-8.740809
-863.688938		

COMB ULB06 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	726.171277
5.81E-08	9.61E-09	-9.55E-14
807.811225		
0.25000	-11.939911	890.238590
5.81E-08	9.61E-09	-2.30E-08
487.560020		
0.50000	-11.939911	1054.306
5.81E-08	9.61E-09	-4.61E-08
102.297143		
0.75000	-11.939911	1218.373
5.81E-08	9.61E-09	-6.91E-08
-347.977407		
1.00000	-11.939911	1382.441
5.81E-08	9.61E-09	-9.21E-08
-863.263630		

COMB ULB06 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	726.171277
5.81E-08	9.61E-09	-9.55E-14
807.811225		
0.25000	-11.939911	890.238590
5.81E-08	9.61E-09	-2.30E-08
487.560020		
0.50000	-11.939911	1054.306
5.81E-08	9.61E-09	-4.61E-08
102.297143		
0.75000	-11.939911	1218.373
5.81E-08	9.61E-09	-6.91E-08
-347.977407		
1.00000	-11.939911	1382.441
5.81E-08	9.61E-09	-9.21E-08
-863.263630		

COMB ULB07 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		
0.25000	-11.939911	890.238590
-1.08E-13	1.75E-17	-5.67E-14
487.560020		
0.50000	-11.939911	1054.306
-1.28E-13	1.75E-17	-1.01E-14
102.297143		
0.75000	-11.939911	1218.373
-1.48E-13	1.75E-17	4.44E-14
-347.977407		
1.00000	-11.939911	1382.441
-1.67E-13	1.75E-17	1.07E-13
-863.263630		

COMB ULB07 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		
0.25000	-11.939911	890.238590
-1.08E-13	1.75E-17	-5.67E-14
487.560020		
0.50000	-11.939911	1054.306
-1.28E-13	1.75E-17	-1.01E-14
102.297143		
0.75000	-11.939911	1218.373
-1.48E-13	1.75E-17	4.44E-14
-347.977407		
1.00000	-11.939911	1382.441
-1.67E-13	1.75E-17	1.07E-13
-863.263630		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 454

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 ULB08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
5.81E-08	9.61E-09	-9.55E-14
807.553978		
0.25000	-11.939949	890.344622
5.81E-08	9.61E-09	-2.30E-08
487.260758		
0.50000	-11.939949	1054.412
5.81E-08	9.61E-09	-4.61E-08
101.955865		
0.75000	-11.939949	1218.479
5.81E-08	9.61E-09	-6.91E-08
-348.360700		
1.00000	-11.939949	1382.547
5.81E-08	9.61E-09	-9.21E-08
-863.688938		

COMB ULB08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
5.81E-08	9.61E-09	-9.55E-14
807.553978		
0.25000	-11.939949	890.344622
5.81E-08	9.61E-09	-2.30E-08
487.260758		
0.50000	-11.939949	1054.412
5.81E-08	9.61E-09	-4.61E-08
101.955865		
0.75000	-11.939949	1218.479
5.81E-08	9.61E-09	-6.91E-08
-348.360700		
1.00000	-11.939949	1382.547
5.81E-08	9.61E-09	-9.21E-08
-863.688938		

COMB ULB09 ----------
MAX

REL DIST	P	V2

COMB ULB09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		
0.25000	-11.939949	890.344622
-1.08E-13	1.74E-17	-5.67E-14
487.260758		
0.50000	-11.939949	1054.412
-1.28E-13	1.74E-17	-1.00E-14
101.955865		
0.75000	-11.939949	1218.479
-1.48E-13	1.74E-17	4.45E-14
-348.360700		
1.00000	-11.939949	1382.547
-1.67E-13	1.74E-17	1.07E-13
-863.688938		

COMB ULB10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	698.343567
30.232241	-7.231222	54.189921
776.494209		
0.25000	-11.480720	856.100598
37.513335	-7.231222	40.767829
468.519959		
0.50000	-11.480720	1013.858
44.794428	-7.231222	24.460603
98.034485		
0.75000	-11.480720	1171.615
52.075522	-7.231222	5.268245
-334.962212		
1.00000	-11.480720	1329.372
59.356616	-7.231222	-16.809248
-830.470133		

COMB ULB10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	698.343567
30.232241	-7.231222	54.189921
776.494209		
0.25000	-11.480720	856.100598
37.513335	-7.231222	40.767829
468.519959		
0.50000	-11.480720	1013.858
44.794428	-7.231222	24.460603
98.034485		
0.75000	-11.480720	1171.615
52.075522	-7.231222	5.268245
-334.962212		
1.00000	-11.480720	1329.372
59.356616	-7.231222	-16.809248
-830.470133		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 455

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 ULB11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.480720	698.343567
30.232241	-7.231222	54.189921
776.494209		
0.25000	-11.480720	856.100598
37.513334	-7.231222	40.767829
468.519959		
0.50000	-11.480720	1013.858
44.794428	-7.231222	24.460604
98.034485		
0.75000	-11.480720	1171.615
52.075522	-7.231222	5.268245
-334.962212		
1.00000	-11.480720	1329.372

59.356616 -7.231222 -16.809248
-830.470133

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 698.343567
30.232241 -7.231222 54.189921
776.494209
0.25000 -11.480720 856.100598
37.513334 -7.231222 40.767829
468.519959
0.50000 -11.480720 1013.858
44.794428 -7.231222 24.460604
98.034485
0.75000 -11.480720 1171.615
52.075522 -7.231222 5.268245
-334.962212
1.00000 -11.480720 1329.372
59.356616 -7.231222 -16.809248
-830.470133

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 698.241613
15.116120 -3.615611 27.094961
776.741562
0.25000 -11.480683 855.998644
18.756667 -3.615611 20.383914
468.807712
0.50000 -11.480683 1013.756
22.397214 -3.615611 12.230302
98.362637
0.75000 -11.480683 1171.513
26.037761 -3.615611 2.634122
-334.593661
1.00000 -11.480683 1329.270
29.678308 -3.615611 -8.404624
-830.061183

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 698.241613
15.116120 -3.615611 27.094961
776.741562
0.25000 -11.480683 855.998644
18.756667 -3.615611 20.383914
468.807712
0.50000 -11.480683 1013.756
22.397214 -3.615611 12.230302
98.362637
0.75000 -11.480683 1171.513
26.037761 -3.615611 2.634122
-334.593661
1.00000 -11.480683 1329.270
29.678308 -3.615611 -8.404624
-830.061183

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 698.241613
15.116120 -3.615611 27.094961
776.741562
0.25000 -11.480683 855.998644
18.756667 -3.615611 20.383915
468.807712
0.50000 -11.480683 1013.756
22.397214 -3.615611 12.230302
98.362637
0.75000 -11.480683 1171.513
26.037761 -3.615611 2.634122
-334.593661
1.00000 -11.480683 1329.270
29.678308 -3.615611 -8.404624
-830.061183

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480683 698.241613
15.116120 -3.615611 27.094961
776.741562
0.25000 -11.480683 855.998644
18.756667 -3.615611 20.383915
468.807712
0.50000 -11.480683 1013.756
22.397214 -3.615611 12.230302
98.362637
0.75000 -11.480683 1171.513
26.037761 -3.615611 2.634122
-334.593661
1.00000 -11.480683 1329.270
29.678308 -3.615611 -8.404624
-830.061183

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 456

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 ULB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 698.343567
15.116120 -3.615611 27.094961
776.494209
0.25000 -11.480720 856.100598
18.756667 -3.615611 20.383914
468.519959
0.50000 -11.480720 1013.858
22.397214 -3.615611 12.230302
98.034485
0.75000 -11.480720 1171.615
26.037761 -3.615611 2.634122
-334.962212
1.00000 -11.480720 1329.372
29.678308 -3.615611 -8.404624
-830.470133

COMB ULB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 698.343567
15.116120 -3.615611 27.094961
776.494209
0.25000 -11.480720 856.100598
18.756667 -3.615611 20.383914
468.519959
0.50000 -11.480720 1013.858
22.397214 -3.615611 12.230302
98.034485
0.75000 -11.480720 1171.615
26.037761 -3.615611 2.634122
-334.962212
1.00000 -11.480720 1329.372
29.678308 -3.615611 -8.404624
-830.470133

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 698.343567
15.116120 -3.615611 27.094961
776.494209
0.25000 -11.480720 856.100598
18.756667 -3.615611 20.383915
468.519959
0.50000 -11.480720 1013.858
22.397214 -3.615611 12.230302
98.034485
0.75000 -11.480720 1171.615
26.037761 -3.615611 2.634122
-334.962212
1.00000 -11.480720 1329.372
29.678308 -3.615611 -8.404624
-830.470133

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.480720 698.343567
15.116120 -3.615611 27.094961
776.494209
0.25000 -11.480720 856.100598
18.756667 -3.615611 20.383915
468.519959
0.50000 -11.480720 1013.858
22.397214 -3.615611 12.230302
98.034485
0.75000 -11.480720 1171.615
26.037761 -3.615611 2.634122
-334.962212
1.00000 -11.480720 1329.372
29.678308 -3.615611 -8.404624
-830.470133

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 457

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 726.171277
-8.79E-14 1.75E-17 -9.55E-14
807.811225
0.25000 -11.939911 890.238590
-1.08E-13 1.75E-17 -5.67E-14
487.560020
0.50000 -11.939911 1054.306
-1.28E-13 1.75E-17 -1.01E-14
102.297143
0.75000 -11.939911 1218.373
-1.48E-13 1.75E-17 4.44E-14
-347.977407
1.00000 -11.939911 1382.441
-1.67E-13 1.75E-17 1.07E-13
-863.263630

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 726.171277
-8.79E-14 1.75E-17 -9.55E-14
807.811225
0.25000 -11.939911 890.238590
-1.08E-13 1.75E-17 -5.67E-14
487.560020
0.50000 -11.939911 1054.306
-1.28E-13 1.75E-17 -1.01E-14
102.297143
0.75000 -11.939911 1218.373
-1.48E-13 1.75E-17 4.44E-14
-347.977407
1.00000 -11.939911 1382.441
-1.67E-13 1.75E-17 1.07E-13
-863.263630

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 670.409824
29.022951 -6.941973 52.022324
745.434441
0.25000 -11.021491 821.856574
36.012801 -6.941973 39.137116
449.779161
0.50000 -11.021491 973.303324
43.002651 -6.941973 23.482179
94.113106
0.75000 -11.021491 1124.750
49.992501 -6.941973 5.057515
-321.563723
1.00000 -11.021491 1276.197
56.982351 -6.941973 -16.136878
-797.251328

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.021491 670.409824
29.022951 -6.941973 52.022324
745.434441
0.25000 -11.021491 821.856574
36.012801 -6.941973 39.137116
449.779161
0.50000 -11.021491 973.303324
43.002651 -6.941973 23.482179
94.113106
0.75000 -11.021491 1124.750
49.992501 -6.941973 5.057515
-321.563723
1.00000 -11.021491 1276.197
56.982351 -6.941973 -16.136878
-797.251328

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 558.499493
-6.76E-14 1.35E-17 -7.35E-14
621.620815
0.25000 -9.184513 684.705118
-8.29E-14 1.35E-17 -4.37E-14
375.310902
0.50000 -9.184513 810.910743
-9.82E-14 1.35E-17 -7.80E-15
78.992009
0.75000 -9.184513 937.116368
-1.13E-13 1.35E-17 3.41E-14
-267.335862
1.00000 -9.184513 1063.322
-1.29E-13 1.35E-17 8.21E-14
-663.672712

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 558.499493
-6.76E-14 1.35E-17 -7.35E-14
621.620815
0.25000 -9.184513 684.705118
-8.29E-14 1.35E-17 -4.37E-14
375.310902
0.50000 -9.184513 810.910743
-9.82E-14 1.35E-17 -7.80E-15
78.992009
0.75000 -9.184513 937.116368
-1.13E-13 1.35E-17 3.41E-14
-267.335862
1.00000 -9.184513 1063.322
-1.29E-13 1.35E-17 8.21E-14
-663.672712

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 458

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB UEB03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
31.441530	-7.520471	56.357518
621.195367		
0.25000	-9.184576	684.880478
39.013868	-7.520471	42.398542
374.815967		
0.50000	-9.184576	811.086103
46.586205	-7.520471	25.439028
78.427588		
0.75000	-9.184576	937.291728
54.158543	-7.520471	5.478974
-267.969770		
1.00000	-9.184576	1063.497
61.730880	-7.520471	-17.481618
-664.376106		

COMB UEB03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
31.441530	-7.520471	56.357518
621.195367		
0.25000	-9.184576	684.880478
39.013868	-7.520471	42.398542
374.815967		
0.50000	-9.184576	811.086103
46.586205	-7.520471	25.439028
78.427588		
0.75000	-9.184576	937.291728
54.158543	-7.520471	5.478974
-267.969770		
1.00000	-9.184576	1063.497
61.730880	-7.520471	-17.481618
-664.376106		

COMB UEB04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
15.720765	-3.760236	28.178759
621.452615		
0.25000	-9.184538	684.774446
19.506934	-3.760236	21.199271
375.115230		
0.50000	-9.184538	810.980071
23.293103	-3.760236	12.719514
78.768866		
0.75000	-9.184538	937.185696
27.079271	-3.760236	2.739487
-267.586477		
1.00000	-9.184538	1063.391
30.865440	-3.760236	-8.740809
-663.950798		

COMB UEB04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
15.720765	-3.760236	28.178759
621.452615		
0.25000	-9.184538	684.774446
19.506934	-3.760236	21.199271
375.115230		
0.50000	-9.184538	810.980071
23.293103	-3.760236	12.719514
78.768866		
0.75000	-9.184538	937.185696
27.079271	-3.760236	2.739487
-267.586477		
1.00000	-9.184538	1063.391
30.865440	-3.760236	-8.740809
-663.950798		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 459

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 UEB05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
15.720765	-3.760236	28.178759
621.195367		
0.25000	-9.184576	684.880478
19.506934	-3.760236	21.199271
374.815967		
0.50000	-9.184576	811.086103
23.293103	-3.760236	12.719514
78.427588		
0.75000	-9.184576	937.291728
27.079271	-3.760236	2.739487
-267.969770		
1.00000	-9.184576	1063.497
30.865440	-3.760236	-8.740809
-664.376106		

COMB UEB05 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
15.720765	-3.760236	28.178759
621.195367		
0.25000	-9.184576	684.880478
19.506934	-3.760236	21.199271
374.815967		
0.50000	-9.184576	811.086103
23.293103	-3.760236	12.719514
78.427588		
0.75000	-9.184576	937.291728
27.079271	-3.760236	2.739487
-267.969770		
1.00000	-9.184576	1063.497
30.865440	-3.760236	-8.740809
-664.376106		

COMB UEB06 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
5.81E-08	9.61E-09	-7.35E-14
621.452615		
0.25000	-9.184538	684.774446
5.81E-08	9.61E-09	-2.30E-08
375.115230		
0.50000	-9.184538	810.980071
5.81E-08	9.61E-09	-4.61E-08
78.768866		
0.75000	-9.184538	937.185696
5.81E-08	9.61E-09	-6.91E-08
-267.586477		
1.00000	-9.184538	1063.391
5.81E-08	9.61E-09	-9.21E-08
-663.950798		

COMB UEB06 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
5.81E-08	9.61E-09	-7.35E-14
621.452615		
0.25000	-9.184538	684.774446
5.81E-08	9.61E-09	-2.30E-08
375.115230		
0.50000	-9.184538	810.980071
5.81E-08	9.61E-09	-4.61E-08
78.768866		
0.75000	-9.184538	937.185696
5.81E-08	9.61E-09	-6.91E-08
-267.586477		
1.00000	-9.184538	1063.391
5.81E-08	9.61E-09	-9.21E-08
-663.950798		

COMB UEB07 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
-6.76E-14	1.35E-17	-7.35E-14
621.452615		
0.25000	-9.184538	684.774446
-8.29E-14	1.35E-17	-4.37E-14
375.115230		
0.50000	-9.184538	810.980071
-9.82E-14	1.35E-17	-7.77E-15
78.768866		
0.75000	-9.184538	937.185696
-1.13E-13	1.35E-17	3.42E-14
-267.586477		
1.00000	-9.184538	1063.391
-1.29E-13	1.35E-17	8.22E-14
-663.950798		

COMB UEB07 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
-6.76E-14	1.35E-17	-7.35E-14
621.452615		
0.25000	-9.184538	684.774446
-8.29E-14	1.35E-17	-4.37E-14
375.115230		
0.50000	-9.184538	810.980071
-9.82E-14	1.35E-17	-7.77E-15
78.768866		
0.75000	-9.184538	937.185696
-1.13E-13	1.35E-17	3.42E-14
-267.586477		
1.00000	-9.184538	1063.391
-1.29E-13	1.35E-17	8.22E-14
-663.950798		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 460

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 UEB08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
5.81E-08	9.61E-09	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
5.81E-08	9.61E-09	-2.30E-08
374.815967		
0.50000	-9.184576	811.086103
5.81E-08	9.61E-09	-4.61E-08
78.427588		
0.75000	-9.184576	937.291728
5.81E-08	9.61E-09	-6.91E-08
-267.969770		
1.00000	-9.184576	1063.497
5.81E-08	9.61E-09	-9.21E-08
-664.376106		

COMB UEB08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
5.81E-08	9.61E-09	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
5.81E-08	9.61E-09	-2.30E-08
374.815967		
0.50000	-9.184576	811.086103
5.81E-08	9.61E-09	-4.61E-08
78.427588		
0.75000	-9.184576	937.291728
5.81E-08	9.61E-09	-6.91E-08
-267.969770		
1.00000	-9.184576	1063.497
5.81E-08	9.61E-09	-9.21E-08
-664.376106		

COMB UEB09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
-8.29E-14	1.34E-17	-4.36E-14
374.815967		
0.50000	-9.184576	811.086103
-9.82E-14	1.34E-17	-7.73E-15
78.427588		
0.75000	-9.184576	937.291728
-1.14E-13	1.34E-17	3.42E-14
-267.969770		
1.00000	-9.184576	1063.497
-1.29E-13	1.34E-17	8.22E-14
-664.376106		

COMB UEB09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
-8.29E-14	1.34E-17	-4.36E-14
374.815967		
0.50000	-9.184576	811.086103
-9.82E-14	1.34E-17	-7.73E-15
78.427588		
0.75000	-9.184576	937.291728
-1.14E-13	1.34E-17	3.42E-14
-267.969770		
1.00000	-9.184576	1063.497
-1.29E-13	1.34E-17	8.22E-14
-664.376106		

COMB UEB10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	530.741111
30.232241	-7.231222	54.189921
590.135599		
0.25000	-8.725347	650.636454
37.513335	-7.231222	40.767829
356.075169		
0.50000	-8.725347	770.531798
44.794428	-7.231222	24.460603
74.506209		
0.75000	-8.725347	890.427142
52.075522	-7.231222	5.268245
-254.571281		
1.00000	-8.725347	1010.322
59.356616	-7.231222	-16.809248
-631.157301		

COMB UEB10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	530.741111
30.232241	-7.231222	54.189921
590.135599		
0.25000	-8.725347	650.636454
37.513335	-7.231222	40.767829
356.075169		
0.50000	-8.725347	770.531798
44.794428	-7.231222	24.460603
74.506209		
0.75000	-8.725347	890.427142
52.075522	-7.231222	5.268245
-254.571281		
1.00000	-8.725347	1010.322
59.356616	-7.231222	-16.809248
-631.157301		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 461

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 UEB11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	530.741111
30.232241	-7.231222	54.189921
590.135599		
0.25000	-8.725347	650.636454
37.513334	-7.231222	40.767829
356.075169		
0.50000	-8.725347	770.531798
44.794428	-7.231222	24.460604
74.506209		
0.75000	-8.725347	890.427142
52.075522	-7.231222	5.268245
-254.571281		
1.00000	-8.725347	1010.322
59.356616	-7.231222	-16.809248
-631.157301		

COMB UEB11 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725347	530.741111
30.232241	-7.231222	54.189921
590.135599		
0.25000	-8.725347	650.636454
37.513334	-7.231222	40.767829
356.075169		
0.50000	-8.725347	770.531798
44.794428	-7.231222	24.460604
74.506209		
0.75000	-8.725347	890.427142
52.075522	-7.231222	5.268245
-254.571281		
1.00000	-8.725347	1010.322
59.356616	-7.231222	-16.809248
-631.157301		

COMB UEB12 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-8.725310	530.639157
15.116120	-3.615611	27.094961
590.382952		
0.25000	-8.725310	650.534501
18.756667	-3.615611	20.383914
356.362921		
0.50000	-8.725310	770.429844
22.397214	-3.615611	12.230302
74.834361		
0.75000	-8.725310	890.325188
26.037761	-3.615611	2.634122
-254.202730		
1.00000	-8.725310	1010.221
29.678308	-3.615611	-8.404624
-630.748351		

COMB UEB12 ----------

MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 530.639157
15.116120 -3.615611 27.094961
590.382952
0.25000 -8.725310 650.534501
18.756667 -3.615611 20.383914
356.362921
0.50000 -8.725310 770.429844
22.397214 -3.615611 12.230302
74.834361
0.75000 -8.725310 890.325188
26.037761 -3.615611 2.634122
-254.202730
1.00000 -8.725310 1010.221
29.678308 -3.615611 -8.404624
-630.748351

COMB UEB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 530.639157
15.116120 -3.615611 27.094961
590.382952
0.25000 -8.725310 650.534501
18.756667 -3.615611 20.383915
356.362921
0.50000 -8.725310 770.429844
22.397214 -3.615611 12.230302
74.834361
0.75000 -8.725310 890.325188
26.037761 -3.615611 2.634122
-254.202730
1.00000 -8.725310 1010.221
29.678308 -3.615611 -8.404624
-630.748351

COMB UEB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725310 530.639157
15.116120 -3.615611 27.094961
590.382952
0.25000 -8.725310 650.534501
18.756667 -3.615611 20.383915
356.362921
0.50000 -8.725310 770.429844
22.397214 -3.615611 12.230302
74.834361
0.75000 -8.725310 890.325188
26.037761 -3.615611 2.634122
-254.202730
1.00000 -8.725310 1010.221
29.678308 -3.615611 -8.404624
-630.748351

FRAME ELEMENT INTERNAL FORCES

COMB UEB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 530.741111
15.116120 -3.615611 27.094961
590.135599
0.25000 -8.725347 650.636454
18.756667 -3.615611 20.383914
356.075169
0.50000 -8.725347 770.531798
22.397214 -3.615611 12.230302
74.506209
0.75000 -8.725347 890.427142
26.037761 -3.615611 2.634122
-254.571281
1.00000 -8.725347 1010.322
29.678308 -3.615611 -8.404624
-631.157301

COMB UEB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 530.741111
15.116120 -3.615611 27.094961
590.135599
0.25000 -8.725347 650.636454
18.756667 -3.615611 20.383914
356.075169
0.50000 -8.725347 770.531798
22.397214 -3.615611 12.230302
74.506209
0.75000 -8.725347 890.427142
26.037761 -3.615611 2.634122
-254.571281
1.00000 -8.725347 1010.322
29.678308 -3.615611 -8.404624
-631.157301

COMB UEB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 530.741111
15.116120 -3.615611 27.094961
590.135599
0.25000 -8.725347 650.636454
18.756667 -3.615611 20.383915
356.075169
0.50000 -8.725347 770.531798
22.397214 -3.615611 12.230302
74.506209
0.75000 -8.725347 890.427142
26.037761 -3.615611 2.634122
-254.571281
1.00000 -8.725347 1010.322
29.678308 -3.615611 -8.404624
-631.157301

COMB UEB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.725347 530.741111
15.116120 -3.615611 27.094961
590.135599
0.25000 -8.725347 650.636454
18.756667 -3.615611 20.383915
356.075169
0.50000 -8.725347 770.531798
22.397214 -3.615611 12.230302
74.506209
0.75000 -8.725347 890.427142
26.037761 -3.615611 2.634122
-254.571281
1.00000 -8.725347 1010.322
29.678308 -3.615611 -8.404624
-631.157301

COMB UEB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

FRAME ELEMENT INTERNAL FORCES

COMB UEB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615
0.25000 -9.184538 684.774446
-8.29E-14 1.35E-17 -4.37E-14
375.115230
0.50000 -9.184538 810.980071
-9.82E-14 1.35E-17 -7.77E-15
78.768866
0.75000 -9.184538 937.185696
-1.13E-13 1.35E-17 3.42E-14
-267.586477
1.00000 -9.184538 1063.391
-1.29E-13 1.35E-17 8.22E-14
-663.950798

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615
0.25000 -9.184538 684.774446
-8.29E-14 1.35E-17 -4.37E-14
375.115230
0.50000 -9.184538 810.980071
-9.82E-14 1.35E-17 -7.77E-15
78.768866
0.75000 -9.184538 937.185696
-1.13E-13 1.35E-17 3.42E-14
-267.586477
1.00000 -9.184538 1063.391
-1.29E-13 1.35E-17 8.22E-14
-663.950798

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 502.807368
29.022951 -6.941973 52.022324
559.075831
0.25000 -8.266119 616.392430
36.012801 -6.941973 39.137116
337.334371
0.50000 -8.266119 729.977493
43.002651 -6.941973 23.482179
70.584830
0.75000 -8.266119 843.562555
49.992501 -6.941973 5.057515
-241.172793
1.00000 -8.266119 957.147618
56.982351 -6.941973 -16.136878
-597.938496

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -8.266119 502.807368
29.022951 -6.941973 52.022324
559.075831
0.25000 -8.266119 616.392430
36.012801 -6.941973 39.137116
337.334371
0.50000 -8.266119 729.977493
43.002651 -6.941973 23.482179
70.584830
0.75000 -8.266119 843.562555
49.992501 -6.941973 5.057515
-241.172793
1.00000 -8.266119 957.147618
56.982351 -6.941973 -16.136878
-597.938496

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250
0.25000 -9.184547 684.798915
-8.29E-14 1.35E-17 -4.37E-14
375.046169
0.50000 -9.184547 811.004540
-9.82E-14 1.35E-17 -7.76E-15
78.690110
0.75000 -9.184547 937.210165
-1.14E-13 1.35E-17 3.42E-14
-267.674929
1.00000 -9.184547 1063.416
-1.29E-13 1.35E-17 8.22E-14
-664.048946

FRAME ELEMENT INTERNAL FORCES

COMB SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135
0.25000 -61.809411 3528.759
-4.27E-13 -2.06E-15 9.66E-13
-7971.402
0.50000 -61.809411 3654.964
-4.43E-13 -2.06E-15 1.14E-12
-9394.677
0.75000 -61.809411 3781.170
-4.58E-13 -2.06E-15 1.32E-12
-10867.961
1.00000 -61.809411 3907.376
-4.73E-13 -2.06E-15 1.50E-12
-12391.254

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135
0.25000 -61.809411 3528.759
-4.27E-13 -2.06E-15 9.66E-13
-7971.402
0.50000 -61.809411 3654.964
-4.43E-13 -2.06E-15 1.14E-12
-9394.677
0.75000 -61.809411 3781.170
-4.58E-13 -2.06E-15 1.32E-12
-10867.961
1.00000 -61.809411 3907.376
-4.73E-13 -2.06E-15 1.50E-12
-12391.254

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407
0.25000 -35.602669 2399.029
-2.90E-13 -1.23E-15 5.61E-13
-4623.017
0.50000 -35.602669 2525.234
-3.06E-13 -1.23E-15 6.79E-13
-5598.637
0.75000 -35.602669 2651.440
-3.21E-13 -1.23E-15 8.03E-13
-6624.265
1.00000 -35.602669 2777.645
-3.36E-13 -1.23E-15 9.34E-13
-7699.903

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407
0.25000 -35.602669 2399.029
-2.90E-13 -1.23E-15 5.61E-13
-4623.017
0.50000 -35.602669 2525.234
-3.06E-13 -1.23E-15 6.79E-13
-5598.637
0.75000 -35.602669 2651.440
-3.21E-13 -1.23E-15 8.03E-13
-6624.265
1.00000 -35.602669 2777.645
-3.36E-13 -1.23E-15 9.34E-13
-7699.903

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 SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 2272.905
-2.75E-13 -1.23E-15 4.49E-13
-3697.605
0.25000 -35.602698 2399.110
-2.90E-13 -1.23E-15 5.61E-13
-4623.247
0.50000 -35.602698 2525.316
-3.06E-13 -1.23E-15 6.79E-13
-5598.899
0.75000 -35.602698 2651.521
-3.21E-13 -1.23E-15 8.03E-13
-6624.560
1.00000 -35.602698 2777.727
-3.36E-13 -1.23E-15 9.34E-13
-7700.230

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 2272.905
-2.75E-13 -1.23E-15 4.49E-13
-3697.605
0.25000 -35.602698 2399.110
-2.90E-13 -1.23E-15 5.61E-13
-4623.247
0.50000 -35.602698 2525.316
-3.06E-13 -1.23E-15 6.79E-13
-5598.899
0.75000 -35.602698 2651.521
-3.21E-13 -1.23E-15 8.03E-13
-6624.560
1.00000 -35.602698 2777.727
-3.36E-13 -1.23E-15 9.34E-13
-7700.230

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.526357 558.648384
-6.77E-14 1.14E-17 -2.95E-14
252.794606
0.25000 -24.526357 684.854009
-8.29E-14 1.14E-17 3.25E-16
6.425695
0.50000 -24.526357 811.059634
-9.82E-14 1.14E-17 3.62E-14
-289.952196
0.75000 -24.526357 937.265259
-1.14E-13 1.14E-17 7.82E-14
-636.339065
1.00000 -24.526357 1063.471
-1.29E-13 1.14E-17 1.26E-13
-1032.735

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.526357 558.648384
-6.77E-14 1.14E-17 -2.95E-14
252.794606
0.25000 -24.526357 684.854009
-8.29E-14 1.14E-17 3.25E-16
6.425695
0.50000 -24.526357 811.059634
-9.82E-14 1.14E-17 3.62E-14
-289.952196
0.75000 -24.526357 937.265259
-1.14E-13 1.14E-17 7.82E-14
-636.339065
1.00000 -24.526357 1063.471
-1.29E-13 1.14E-17 1.26E-13
-1032.735

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250
0.25000 -9.184547 684.798915
-8.29E-14 1.35E-17 -4.37E-14
375.046169
0.50000 -9.184547 811.004540
-9.82E-14 1.35E-17 -7.76E-15
78.690110
0.75000 -9.184547 937.210165
-1.14E-13 1.35E-17 3.42E-14
-267.674929
1.00000 -9.184547 1063.416
-1.29E-13 1.35E-17 8.22E-14
-664.048946

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184547 558.593290
-6.76E-14 1.35E-17 -7.35E-14
621.393250
0.25000 -9.184547 684.798915
-8.29E-14 1.35E-17 -4.37E-14
375.046169
0.50000 -9.184547 811.004540
-9.82E-14 1.35E-17 -7.76E-15
78.690110
0.75000 -9.184547 937.210165
-1.14E-13 1.35E-17 3.42E-14
-267.674929
1.00000 -9.184547 1063.416
-1.29E-13 1.35E-17 8.22E-14
-664.048946

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.526387 558.729947
-6.77E-14 1.13E-17 -2.95E-14
252.596723
0.25000 -24.526387 684.935572
-8.30E-14 1.13E-17 3.53E-16
6.195493
0.50000 -24.526387 811.141197
-9.82E-14 1.13E-17 3.63E-14
-290.214717
0.75000 -24.526387 937.346822
-1.14E-13 1.13E-17 7.82E-14
-636.633906
1.00000 -24.526387 1063.552
-1.29E-13 1.13E-17 1.26E-13
-1033.062

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -24.526387 558.729947
-6.77E-14 1.13E-17 -2.95E-14
252.596723
0.25000 -24.526387 684.935572
-8.30E-14 1.13E-17 3.53E-16
6.195493
0.50000 -24.526387 811.141197
-9.82E-14 1.13E-17 3.63E-14
-290.214717
0.75000 -24.526387 937.346822
-1.14E-13 1.13E-17 7.82E-14
-636.633906
1.00000 -24.526387 1063.552
-1.29E-13 1.13E-17 1.26E-13
-1033.062

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.151222 3402.608
-4.12E-13 -2.06E-15 8.44E-13
-6966.734
0.25000 -77.151222 3528.814
-4.27E-13 -2.06E-15 1.01E-12
-8340.022
0.50000 -77.151222 3655.019
-4.43E-13 -2.06E-15 1.18E-12
-9763.319
0.75000 -77.151222 3781.225
-4.58E-13 -2.06E-15 1.36E-12
-11236.625
1.00000 -77.151222 3907.431
-4.73E-13 -2.06E-15 1.55E-12
-12759.940

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.151222 3402.608
-4.12E-13 -2.06E-15 8.44E-13
-6966.734
0.25000 -77.151222 3528.814
-4.27E-13 -2.06E-15 1.01E-12
-8340.022
0.50000 -77.151222 3655.019
-4.43E-13 -2.06E-15 1.18E-12
-9763.319
0.75000 -77.151222 3781.225
-4.58E-13 -2.06E-15 1.36E-12
-11236.625
1.00000 -77.151222 3907.431
-4.73E-13 -2.06E-15 1.55E-12
-12759.940

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 SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -24.526387 811.141197
-9.82E-14 1.13E-17 3.63E-14
-290.214717
0.75000 -24.526387 937.346822
-1.14E-13 1.13E-17 7.82E-14
-636.633906
1.00000 -24.526387 1063.552
-1.29E-13 1.13E-17 1.26E-13
-1033.062

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -77.151222 3402.608
-4.12E-13 -2.06E-15 8.44E-13
-6966.734
0.25000 -77.151222 3528.814
-4.27E-13 -2.06E-15 1.01E-12
-8340.022
0.50000 -77.151222 3655.019
-4.43E-13 -2.06E-15 1.18E-12
-9763.319
0.75000 -77.151222 3781.225
-4.58E-13 -2.06E-15 1.36E-12
-11236.625
1.00000 -77.151222 3907.431
-4.73E-13 -2.06E-15 1.55E-12
-12759.940

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -77.151222 3402.608
-4.12E-13 -2.06E-15 8.44E-13
-6966.734
0.25000 -77.151222 3528.814
-4.27E-13 -2.06E-15 1.01E-12
-8340.022
0.50000 -77.151222 3655.019
-4.43E-13 -2.06E-15 1.18E-12
-9763.319
0.75000 -77.151222 3781.225
-4.58E-13 -2.06E-15 1.36E-12
-11236.625
1.00000 -77.151222 3907.431
-4.73E-13 -2.06E-15 1.55E-12
-12759.940

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135
0.25000 -61.809411 3528.759
-4.27E-13 -2.06E-15 9.66E-13
-7971.402
0.50000 -61.809411 3654.964
-4.43E-13 -2.06E-15 1.14E-12
-9394.677
0.75000 -61.809411 3781.170
-4.58E-13 -2.06E-15 1.32E-12
-10867.961
1.00000 -61.809411 3907.376
-4.73E-13 -2.06E-15 1.50E-12
-12391.254

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -61.809411 3402.553
-4.12E-13 -2.06E-15 8.00E-13
-6598.135
0.25000 -61.809411 3528.759
-4.27E-13 -2.06E-15 9.66E-13
-7971.402
0.50000 -61.809411 3654.964
-4.43E-13 -2.06E-15 1.14E-12
-9394.677
0.75000 -61.809411 3781.170
-4.58E-13 -2.06E-15 1.32E-12
-10867.961
1.00000 -61.809411 3907.376
-4.73E-13 -2.06E-15 1.50E-12
-12391.254

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -50.944479 2272.878
-2.75E-13 -1.24E-15 4.93E-13
-4066.005
0.25000 -50.944479 2399.084
-2.90E-13 -1.24E-15 6.05E-13
-4991.638
0.50000 -50.944479 2525.289
-3.06E-13 -1.24E-15 7.23E-13
-5967.279
0.75000 -50.944479 2651.495
-3.21E-13 -1.24E-15 8.47E-13
-6992.930
1.00000 -50.944479 2777.701
-3.36E-13 -1.24E-15 9.78E-13
-8068.589

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -50.944479 2272.878
-2.75E-13 -1.24E-15 4.93E-13
-4066.005
0.25000 -50.944479 2399.084
-2.90E-13 -1.24E-15 6.05E-13
-4991.638
0.50000 -50.944479 2525.289
-3.06E-13 -1.24E-15 7.23E-13
-5967.279
0.75000 -50.944479 2651.495
-3.21E-13 -1.24E-15 8.47E-13
-6992.930
1.00000 -50.944479 2777.701
-3.36E-13 -1.24E-15 9.78E-13
-8068.589

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407
0.25000 -35.602669 2399.029
-2.90E-13 -1.23E-15 5.61E-13
-4623.017
0.50000 -35.602669 2525.234
-3.06E-13 -1.23E-15 6.79E-13
-5598.637
0.75000 -35.602669 2651.440
-3.21E-13 -1.23E-15 8.03E-13
-6624.265
1.00000 -35.602669 2777.645
-3.36E-13 -1.23E-15 9.34E-13
-7699.903

COMB SVO13 ----------
MIN

REL DIST P V2
V3 T M2 M3

0.00000 -35.602669 2272.823
-2.75E-13 -1.23E-15 4.49E-13
-3697.407
0.25000 -35.602669 2399.029
-2.90E-13 -1.23E-15 5.61E-13
-4623.017
0.50000 -35.602669 2525.234
-3.06E-13 -1.23E-15 6.79E-13
-5598.637
0.75000 -35.602669 2651.440
-3.21E-13 -1.23E-15 8.03E-13
-6624.265
1.00000 -35.602669 2777.645
-3.36E-13 -1.23E-15 9.34E-13
-7699.903

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 SVO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -50.944509 2272.960
-2.75E-13 -1.24E-15 4.93E-13
-4066.203
0.25000 -50.944509 2399.165
-2.91E-13 -1.24E-15 6.05E-13
-4991.868
0.50000 -50.944509 2525.371
-3.06E-13 -1.24E-15 7.23E-13
-5967.542
0.75000 -50.944509 2651.577
-3.21E-13 -1.24E-15 8.47E-13
-6993.224
1.00000 -50.944509 2777.782
-3.36E-13 -1.24E-15 9.78E-13
-8068.916

COMB SVO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -50.944509 2272.960
-2.75E-13 -1.24E-15 4.93E-13
-4066.203
0.25000 -50.944509 2399.165
-2.91E-13 -1.24E-15 6.05E-13
-4991.868
0.50000 -50.944509 2525.371
-3.06E-13 -1.24E-15 7.23E-13
-5967.542
0.75000 -50.944509 2651.577
-3.21E-13 -1.24E-15 8.47E-13
-6993.224
1.00000 -50.944509 2777.782
-3.36E-13 -1.24E-15 9.78E-13
-8068.916

COMB SVO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 2272.905
-2.75E-13 -1.23E-15 4.49E-13
-3697.605
0.25000 -35.602698 2399.110
-2.90E-13 -1.23E-15 5.61E-13
-4623.247
0.50000 -35.602698 2525.316
-3.06E-13 -1.23E-15 6.79E-13
-5598.899
0.75000 -35.602698 2651.521
-3.21E-13 -1.23E-15 8.03E-13
-6624.560
1.00000 -35.602698 2777.727
-3.36E-13 -1.23E-15 9.34E-13
-7700.230

COMB SVO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -35.602698 2272.905
-2.75E-13 -1.23E-15 4.49E-13
-3697.605
0.25000 -35.602698 2399.110
-2.90E-13 -1.23E-15 5.61E-13
-4623.247
0.50000 -35.602698 2525.316
-3.06E-13 -1.23E-15 6.79E-13
-5598.899
0.75000 -35.602698 2651.521
-3.21E-13 -1.23E-15 8.03E-13
-6624.560
1.00000 -35.602698 2777.727
-3.36E-13 -1.23E-15 9.34E-13
-7700.230

COMB ULO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544

COMB ULO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544

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 ULO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 726.277309
-8.80E-14 1.74E-17 -9.55E-14
807.553978
0.25000 -11.939949 890.344622
-1.08E-13 1.74E-17 -5.67E-14
487.260758
0.50000 -11.939949 1054.412
-1.28E-13 1.74E-17 -1.00E-14
101.955865
0.75000 -11.939949 1218.479
-1.48E-13 1.74E-17 4.45E-14
-348.360700
1.00000 -11.939949 1382.547
-1.67E-13 1.74E-17 1.07E-13
-863.688938

COMB ULO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939949 726.277309
-8.80E-14 1.74E-17 -9.55E-14
807.553978
0.25000 -11.939949 890.344622
-1.08E-13 1.74E-17 -5.67E-14
487.260758
0.50000 -11.939949 1054.412
-1.28E-13 1.74E-17 -1.00E-14
101.955865
0.75000 -11.939949 1218.479
-1.48E-13 1.74E-17 4.45E-14
-348.360700
1.00000 -11.939949 1382.547
-1.67E-13 1.74E-17 1.07E-13
-863.688938

COMB ULO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -80.352235 4423.319
-5.36E-13 -2.67E-15 1.04E-12
-8577.576
0.25000 -80.352235 4587.386
-5.55E-13 -2.67E-15 1.26E-12
-10362.822
0.50000 -80.352235 4751.454
-5.75E-13 -2.67E-15 1.48E-12
-12213.080
0.75000 -80.352235 4915.521
-5.95E-13 -2.67E-15 1.71E-12
-14128.349
1.00000 -80.352235 5079.588
-6.15E-13 -2.67E-15 1.95E-12
-16108.630

COMB ULO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -80.352235 4423.319
-5.36E-13 -2.67E-15 1.04E-12
-8577.576
0.25000 -80.352235 4587.386
-5.55E-13 -2.67E-15 1.26E-12
-10362.822
0.50000 -80.352235 4751.454
-5.75E-13 -2.67E-15 1.48E-12
-12213.080
0.75000 -80.352235 4915.521
-5.95E-13 -2.67E-15 1.71E-12
-14128.349
1.00000 -80.352235 5079.588
-6.15E-13 -2.67E-15 1.95E-12
-16108.630

COMB ULO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -46.283469 2954.670
-3.58E-13 -1.60E-15 5.84E-13
-4806.629
0.25000 -46.283469 3118.737
-3.78E-13 -1.60E-15 7.29E-13
-6009.922
0.50000 -46.283469 3282.804
-3.98E-13 -1.60E-15 8.83E-13
-7278.228
0.75000 -46.283469 3446.872
-4.17E-13 -1.60E-15 1.04E-12
-8611.545
1.00000 -46.283469 3610.939
-4.37E-13 -1.60E-15 1.21E-12
-10009.874

COMB ULO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -46.283469 2954.670
-3.58E-13 -1.60E-15 5.84E-13
-4806.629
0.25000 -46.283469 3118.737
-3.78E-13 -1.60E-15 7.29E-13
-6009.922
0.50000 -46.283469 3282.804
-3.98E-13 -1.60E-15 8.83E-13
-7278.228
0.75000 -46.283469 3446.872
-4.17E-13 -1.60E-15 1.04E-12
-8611.545
1.00000 -46.283469 3610.939
-4.37E-13 -1.60E-15 1.21E-12
-10009.874

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 ULO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -46.283508 2954.776
-3.58E-13 -1.60E-15 5.84E-13
-4806.886
0.25000 -46.283508 3118.843
-3.78E-13 -1.60E-15 7.29E-13
-6010.222
0.50000 -46.283508 3282.911
-3.98E-13 -1.60E-15 8.83E-13
-7278.569
0.75000 -46.283508 3446.978
-4.17E-13 -1.60E-15 1.04E-12
-8611.928
1.00000 -46.283508 3611.045
-4.37E-13 -1.60E-15 1.21E-12
-10010.299

COMB ULO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -46.283508 2954.776
-3.58E-13 -1.60E-15 5.84E-13
-4806.886
0.25000 -46.283508 3118.843
-3.78E-13 -1.60E-15 7.29E-13
-6010.222
0.50000 -46.283508 3282.911
-3.98E-13 -1.60E-15 8.83E-13
-7278.569
0.75000 -46.283508 3446.978
-4.17E-13 -1.60E-15 1.04E-12
-8611.928
1.00000 -46.283508 3611.045
-4.37E-13 -1.60E-15 1.21E-12
-10010.299

COMB ULO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 726.242899
-8.80E-14 1.48E-17 -3.84E-14
328.632988
0.25000 -31.884265 890.310211
-1.08E-13 1.48E-17 4.22E-16
8.353403
0.50000 -31.884265 1054.378
-1.28E-13 1.48E-17 4.71E-14
-376.937855
0.75000 -31.884265 1218.445
-1.48E-13 1.48E-17 1.02E-13
-827.240785
1.00000 -31.884265 1382.512
-1.67E-13 1.48E-17 1.64E-13
-1342.555

COMB ULO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -31.884265 726.242899
-8.80E-14 1.48E-17 -3.84E-14
328.632988
0.25000 -31.884265 890.310211
-1.08E-13 1.48E-17 4.22E-16
8.353403
0.50000 -31.884265 1054.378
-1.28E-13 1.48E-17 4.71E-14
-376.937855
0.75000 -31.884265 1218.445
-1.48E-13 1.48E-17 1.02E-13
-827.240785
1.00000 -31.884265 1382.512
-1.67E-13 1.48E-17 1.64E-13
-1342.555

COMB ULO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 726.171277
-8.79E-14 1.75E-17 -9.55E-14
807.811225
0.25000 -11.939911 890.238590
-1.08E-13 1.75E-17 -5.67E-14
487.560020
0.50000 -11.939911 1054.306
-1.28E-13 1.75E-17 -1.01E-14
102.297143
0.75000 -11.939911 1218.373
-1.48E-13 1.75E-17 4.44E-14
-347.977407
1.00000 -11.939911 1382.441
-1.67E-13 1.75E-17 1.07E-13
-863.263630

COMB ULO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939911 726.171277
-8.79E-14 1.75E-17 -9.55E-14
807.811225
0.25000 -11.939911 890.238590
-1.08E-13 1.75E-17 -5.67E-14
487.560020
0.50000 -11.939911 1054.306
-1.28E-13 1.75E-17 -1.01E-14
102.297143
0.75000 -11.939911 1218.373
-1.48E-13 1.75E-17 4.44E-14
-347.977407
1.00000 -11.939911 1382.441
-1.67E-13 1.75E-17 1.07E-13
-863.263630

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 ULO08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	726.348931
-8.80E-14	1.48E-17	-3.83E-14
328.375740		
0.25000	-31.884303	890.416243
-1.08E-13	1.48E-17	4.59E-16
8.054140		
0.50000	-31.884303	1054.484
-1.28E-13	1.48E-17	4.71E-14
-377.279132		
0.75000	-31.884303	1218.551
-1.48E-13	1.48E-17	1.02E-13
-827.624078		
1.00000	-31.884303	1382.618
-1.67E-13	1.48E-17	1.64E-13
-1342.981		

COMB ULO08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-31.884303	726.348931
-8.80E-14	1.48E-17	-3.83E-14
328.375740		
0.25000	-31.884303	890.416243
-1.08E-13	1.48E-17	4.59E-16
8.054140		
0.50000	-31.884303	1054.484
-1.28E-13	1.48E-17	4.71E-14
-377.279132		
0.75000	-31.884303	1218.551
-1.48E-13	1.48E-17	1.02E-13
-827.624078		
1.00000	-31.884303	1382.618
-1.67E-13	1.48E-17	1.64E-13
-1342.981		

COMB ULO09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		
0.25000	-11.939949	890.344622
-1.08E-13	1.74E-17	-5.67E-14
487.260758		
0.50000	-11.939949	1054.412
-1.28E-13	1.74E-17	-1.00E-14
101.955865		
0.75000	-11.939949	1218.479
-1.48E-13	1.74E-17	4.45E-14
-348.360700		
1.00000	-11.939949	1382.547
-1.67E-13	1.74E-17	1.07E-13
-863.688938		

COMB ULO09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939949	726.277309
-8.80E-14	1.74E-17	-9.55E-14
807.553978		
0.25000	-11.939949	890.344622
-1.08E-13	1.74E-17	-5.67E-14
487.260758		
0.50000	-11.939949	1054.412
-1.28E-13	1.74E-17	-1.00E-14
101.955865		
0.75000	-11.939949	1218.479
-1.48E-13	1.74E-17	4.45E-14
-348.360700		
1.00000	-11.939949	1382.547
-1.67E-13	1.74E-17	1.07E-13
-863.688938		

COMB ULO10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-96.439028	4253.260
-5.15E-13	-2.57E-15	1.05E-12
-8708.418		
0.25000	-96.439028	4411.017
-5.34E-13	-2.57E-15	1.26E-12
-10425.028		
0.50000	-96.439028	4568.774
-5.53E-13	-2.57E-15	1.48E-12
-12204.149		
0.75000	-96.439028	4726.531
-5.72E-13	-2.57E-15	1.70E-12
-14045.781		
1.00000	-96.439028	4884.288
-5.91E-13	-2.57E-15	1.93E-12
-15949.925		

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 ULO11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.261764	4253.191
-5.15E-13	-2.57E-15	1.00E-12
-8247.669		
0.25000	-77.261764	4410.948
-5.34E-13	-2.57E-15	1.21E-12
-9964.252		
0.50000	-77.261764	4568.705
-5.53E-13	-2.57E-15	1.42E-12
-11743.346		
0.75000	-77.261764	4726.462
-5.72E-13	-2.57E-15	1.65E-12
-13584.951		
1.00000	-77.261764	4884.219
-5.91E-13	-2.57E-15	1.88E-12
-15489.067		

COMB ULO11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-77.261764	4253.191
-5.15E-13	-2.57E-15	1.00E-12
-8247.669		
0.25000	-77.261764	4410.948
-5.34E-13	-2.57E-15	1.21E-12
-9964.252		
0.50000	-77.261764	4568.705
-5.53E-13	-2.57E-15	1.42E-12
-11743.346		
0.75000	-77.261764	4726.462
-5.72E-13	-2.57E-15	1.65E-12
-13584.951		
1.00000	-77.261764	4884.219
-5.91E-13	-2.57E-15	1.88E-12
-15489.067		

COMB ULO12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680599	2841.098
-3.44E-13	-1.54E-15	6.16E-13
-5082.507		
0.25000	-63.680599	2998.855
-3.63E-13	-1.54E-15	7.56E-13
-6239.547		
0.50000	-63.680599	3156.612
-3.82E-13	-1.54E-15	9.04E-13
-7459.099		
0.75000	-63.680599	3314.369
-4.01E-13	-1.54E-15	1.06E-12
-8741.162		
1.00000	-63.680599	3472.126
-4.20E-13	-1.54E-15	1.22E-12
-10085.736		

COMB ULO12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680599	2841.098
-3.44E-13	-1.54E-15	6.16E-13
-5082.507		
0.25000	-63.680599	2998.855
-3.63E-13	-1.54E-15	7.56E-13
-6239.547		
0.50000	-63.680599	3156.612
-3.82E-13	-1.54E-15	9.04E-13
-7459.099		
0.75000	-63.680599	3314.369
-4.01E-13	-1.54E-15	1.06E-12
-8741.162		
1.00000	-63.680599	3472.126
-4.20E-13	-1.54E-15	1.22E-12
-10085.736		

COMB ULO13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503336	2841.029
-3.44E-13	-1.54E-15	5.61E-13
-4621.758		
0.25000	-44.503336	2998.786
-3.63E-13	-1.54E-15	7.01E-13
-5778.772		
0.50000	-44.503336	3156.543
-3.82E-13	-1.54E-15	8.49E-13
-6998.296		
0.75000	-44.503336	3314.300
-4.01E-13	-1.54E-15	1.00E-12
-8280.332		
1.00000	-44.503336	3472.057
-4.20E-13	-1.54E-15	1.17E-12
-9624.879		

COMB ULO13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503336	2841.029
-3.44E-13	-1.54E-15	5.61E-13
-4621.758		
0.25000	-44.503336	2998.786
-3.63E-13	-1.54E-15	7.01E-13
-5778.772		
0.50000	-44.503336	3156.543
-3.82E-13	-1.54E-15	8.49E-13
-6998.296		
0.75000	-44.503336	3314.300
-4.01E-13	-1.54E-15	1.00E-12
-8280.332		
1.00000	-44.503336	3472.057
-4.20E-13	-1.54E-15	1.17E-12
-9624.879		

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 ULO14 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680636	2841.200
-3.44E-13	-1.54E-15	6.16E-13
-5082.754		
0.25000	-63.680636	2998.957
-3.63E-13	-1.54E-15	7.56E-13
-6239.835		
0.50000	-63.680636	3156.714
-3.82E-13	-1.54E-15	9.04E-13
-7459.427		
0.75000	-63.680636	3314.471
-4.01E-13	-1.54E-15	1.06E-12
-8741.530		
1.00000	-63.680636	3472.228
-4.20E-13	-1.54E-15	1.22E-12
-10086.145		

COMB ULO14 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-63.680636	2841.200
-3.44E-13	-1.54E-15	6.16E-13
-5082.754		
0.25000	-63.680636	2998.957
-3.63E-13	-1.54E-15	7.56E-13
-6239.835		
0.50000	-63.680636	3156.714
-3.82E-13	-1.54E-15	9.04E-13
-7459.427		
0.75000	-63.680636	3314.471
-4.01E-13	-1.54E-15	1.06E-12
-8741.530		
1.00000	-63.680636	3472.228
-4.20E-13	-1.54E-15	1.22E-12
-10086.145		

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503373	2841.131
-3.44E-13	-1.54E-15	5.61E-13
-4622.006		
0.25000	-44.503373	2998.888
-3.63E-13	-1.54E-15	7.01E-13
-5779.059		
0.50000	-44.503373	3156.645
-3.82E-13	-1.54E-15	8.49E-13
-6998.624		
0.75000	-44.503373	3314.402
-4.01E-13	-1.54E-15	1.00E-12
-8280.700		
1.00000	-44.503373	3472.159
-4.20E-13	-1.54E-15	1.17E-12
-9625.288		

COMB ULO15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-44.503373	2841.131
-3.44E-13	-1.54E-15	5.61E-13
-4622.006		
0.25000	-44.503373	2998.888
-3.63E-13	-1.54E-15	7.01E-13
-5779.059		
0.50000	-44.503373	3156.645
-3.82E-13	-1.54E-15	8.49E-13
-6998.624		
0.75000	-44.503373	3314.402
-4.01E-13	-1.54E-15	1.00E-12
-8280.700		
1.00000	-44.503373	3472.159
-4.20E-13	-1.54E-15	1.17E-12
-9625.288		

COMB ULO16 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
-8.29E-14	1.34E-17	-4.36E-14
374.815967		
0.50000	-9.184576	811.086103
-9.82E-14	1.34E-17	-7.73E-15
78.427588		
0.75000	-9.184576	937.291728
-1.14E-13	1.34E-17	3.42E-14
-267.969770		
1.00000	-9.184576	1063.497
-1.29E-13	1.34E-17	8.22E-14
-664.376106		

COMB ULO16 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
-8.29E-14	1.34E-17	-4.36E-14
374.815967		
0.50000	-9.184576	811.086103
-9.82E-14	1.34E-17	-7.73E-15
78.427588		
0.75000	-9.184576	937.291728
-1.14E-13	1.34E-17	3.42E-14
-267.969770		
1.00000	-9.184576	1063.497
-1.29E-13	1.34E-17	8.22E-14
-664.376106		

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 ULO17 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		
0.25000	-11.939911	890.238590
-1.08E-13	1.75E-17	-5.67E-14
487.560020		
0.50000	-11.939911	1054.306
-1.28E-13	1.75E-17	-1.01E-14
102.297143		
0.75000	-11.939911	1218.373
-1.48E-13	1.75E-17	4.44E-14
-347.977407		
1.00000	-11.939911	1382.441
-1.67E-13	1.75E-17	1.07E-13
-863.263630		

COMB ULO17 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-11.939911	726.171277
-8.79E-14	1.75E-17	-9.55E-14
807.811225		
0.25000	-11.939911	890.238590
-1.08E-13	1.75E-17	-5.67E-14
487.560020		
0.50000	-11.939911	1054.306
-1.28E-13	1.75E-17	-1.01E-14
102.297143		
0.75000	-11.939911	1218.373
-1.48E-13	1.75E-17	4.44E-14
-347.977407		
1.00000	-11.939911	1382.441
-1.67E-13	1.75E-17	1.07E-13
-863.263630		

COMB ULO18 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-74.171294	4083.064
-4.94E-13	-2.47E-15	9.60E-13
-7917.763		
0.25000	-74.171294	4234.510
-5.13E-13	-2.47E-15	1.16E-12
-9565.682		
0.50000	-74.171294	4385.957
-5.31E-13	-2.47E-15	1.37E-12
-11273.612		
0.75000	-74.171294	4537.404
-5.49E-13	-2.47E-15	1.58E-12
-13041.553		
1.00000	-74.171294	4688.851
-5.68E-13	-2.47E-15	1.80E-12
-14869.505		

COMB ULO18 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-74.171294	4083.064
-4.94E-13	-2.47E-15	9.60E-13
-7917.763		
0.25000	-74.171294	4234.510
-5.13E-13	-2.47E-15	1.16E-12
-9565.682		
0.50000	-74.171294	4385.957
-5.31E-13	-2.47E-15	1.37E-12
-11273.612		
0.75000	-74.171294	4537.404
-5.49E-13	-2.47E-15	1.58E-12
-13041.553		
1.00000	-74.171294	4688.851
-5.68E-13	-2.47E-15	1.80E-12
-14869.505		

COMB UEO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	558.499493
-6.76E-14	1.35E-17	-7.35E-14
621.620815		
0.25000	-9.184513	684.705118
-8.29E-14	1.35E-17	-4.37E-14
375.310902		
0.50000	-9.184513	810.910743
-9.82E-14	1.35E-17	-7.80E-15
78.992009		
0.75000	-9.184513	937.116368
-1.13E-13	1.35E-17	3.41E-14
-267.335862		
1.00000	-9.184513	1063.322
-1.29E-13	1.35E-17	8.21E-14
-663.672712		

COMB UEO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184513	558.499493
-6.76E-14	1.35E-17	-7.35E-14
621.620815		
0.25000	-9.184513	684.705118
-8.29E-14	1.35E-17	-4.37E-14
375.310902		
0.50000	-9.184513	810.910743
-9.82E-14	1.35E-17	-7.80E-15
78.992009		
0.75000	-9.184513	937.116368
-1.13E-13	1.35E-17	3.41E-14
-267.335862		
1.00000	-9.184513	1063.322
-1.29E-13	1.35E-17	8.21E-14
-663.672712		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 475

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 UEO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
-8.29E-14	1.34E-17	-4.36E-14
374.815967		
0.50000	-9.184576	811.086103
-9.82E-14	1.34E-17	-7.73E-15
78.427588		
0.75000	-9.184576	937.291728
-1.14E-13	1.34E-17	3.42E-14
-267.969770		
1.00000	-9.184576	1063.497
-1.29E-13	1.34E-17	8.22E-14
-664.376106		

COMB UEO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184576	558.674853
-6.77E-14	1.34E-17	-7.35E-14
621.195367		
0.25000	-9.184576	684.880478
-8.29E-14	1.34E-17	-4.36E-14
374.815967		
0.50000	-9.184576	811.086103
-9.82E-14	1.34E-17	-7.73E-15
78.427588		
0.75000	-9.184576	937.291728
-1.14E-13	1.34E-17	3.42E-14
-267.969770		
1.00000	-9.184576	1063.497
-1.29E-13	1.34E-17	8.22E-14
-664.376106		

COMB UEO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.596862	4255.716
-5.15E-13	-2.68E-15	1.06E-12
-8763.935		
0.25000	-77.596862	4381.922
-5.31E-13	-2.68E-15	1.27E-12
-10475.267		
0.50000	-77.596862	4508.128
-5.46E-13	-2.68E-15	1.48E-12
-12236.608		
0.75000	-77.596862	4634.333
-5.61E-13	-2.68E-15	1.70E-12
-14047.958		
1.00000	-77.596862	4760.539
-5.76E-13	-2.68E-15	1.93E-12
-15909.317		

COMB UEO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-77.596862	4255.716
-5.15E-13	-2.68E-15	1.06E-12
-8763.935		
0.25000	-77.596862	4381.922
-5.31E-13	-2.68E-15	1.27E-12
-10475.267		
0.50000	-77.596862	4508.128
-5.46E-13	-2.68E-15	1.48E-12
-12236.608		
0.75000	-77.596862	4634.333
-5.61E-13	-2.68E-15	1.70E-12
-14047.958		
1.00000	-77.596862	4760.539
-5.76E-13	-2.68E-15	1.93E-12
-15909.317		

COMB UEO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528096	2787.067
-3.37E-13	-1.61E-15	6.06E-13
-4992.987		
0.25000	-43.528096	2913.273
-3.53E-13	-1.61E-15	7.43E-13
-6122.367		
0.50000	-43.528096	3039.479
-3.68E-13	-1.61E-15	8.85E-13
-7301.756		
0.75000	-43.528096	3165.684
-3.83E-13	-1.61E-15	1.03E-12
-8531.154		
1.00000	-43.528096	3291.890
-3.99E-13	-1.61E-15	1.19E-12
-9810.561		

COMB UEO04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528096	2787.067
-3.37E-13	-1.61E-15	6.06E-13
-4992.987		
0.25000	-43.528096	2913.273
-3.53E-13	-1.61E-15	7.43E-13
-6122.367		
0.50000	-43.528096	3039.479
-3.68E-13	-1.61E-15	8.85E-13
-7301.756		
0.75000	-43.528096	3165.684
-3.83E-13	-1.61E-15	1.03E-12
-8531.154		
1.00000	-43.528096	3291.890
-3.99E-13	-1.61E-15	1.19E-12
-9810.561		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 476

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 UEO05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528135	2787.173
-3.37E-13	-1.61E-15	6.06E-13
-4993.244		
0.25000	-43.528135	2913.379
-3.53E-13	-1.61E-15	7.43E-13
-6122.666		
0.50000	-43.528135	3039.585
-3.68E-13	-1.61E-15	8.85E-13
-7302.097		
0.75000	-43.528135	3165.790
-3.83E-13	-1.61E-15	1.03E-12
-8531.537		
1.00000	-43.528135	3291.996
-3.99E-13	-1.61E-15	1.19E-12
-9810.986		

COMB UEO05 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-43.528135	2787.173
-3.37E-13	-1.61E-15	6.06E-13
-4993.244		
0.25000	-43.528135	2913.379
-3.53E-13	-1.61E-15	7.43E-13
-6122.666		
0.50000	-43.528135	3039.585
-3.68E-13	-1.61E-15	8.85E-13
-7302.097		
0.75000	-43.528135	3165.790
-3.83E-13	-1.61E-15	1.03E-12
-8531.537		
1.00000	-43.528135	3291.996
-3.99E-13	-1.61E-15	1.19E-12
-9810.986		

COMB UEO06 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128892	558.640443
-6.77E-14	1.08E-17	-1.63E-14
142.274378		
0.25000	-29.128892	684.846068
-8.29E-14	1.08E-17	1.35E-14
-104.091387		
0.50000	-29.128892	811.051693
-9.82E-14	1.08E-17	4.94E-14
-400.466131		
0.75000	-29.128892	937.257318
-1.14E-13	1.08E-17	9.14E-14
-746.849854		
1.00000	-29.128892	1063.463
-1.29E-13	1.08E-17	1.39E-13
-1143.243		

COMB UEO06 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128892	558.640443
-6.77E-14	1.08E-17	-1.63E-14
142.274378		
0.25000	-29.128892	684.846068
-8.29E-14	1.08E-17	1.35E-14
-104.091387		
0.50000	-29.128892	811.051693
-9.82E-14	1.08E-17	4.94E-14
-400.466131		
0.75000	-29.128892	937.257318
-1.14E-13	1.08E-17	9.14E-14
-746.849854		
1.00000	-29.128892	1063.463
-1.29E-13	1.08E-17	1.39E-13
-1143.243		

COMB UEO07 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
-6.76E-14	1.35E-17	-7.35E-14
621.452615		
0.25000	-9.184538	684.774446
-8.29E-14	1.35E-17	-4.37E-14
375.115230		
0.50000	-9.184538	810.980071
-9.82E-14	1.35E-17	-7.77E-15
78.768866		
0.75000	-9.184538	937.185696
-1.13E-13	1.35E-17	3.42E-14
-267.586477		
1.00000	-9.184538	1063.391
-1.29E-13	1.35E-17	8.22E-14
-663.950798		

COMB UEO07 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-9.184538	558.568821
-6.76E-14	1.35E-17	-7.35E-14
621.452615		
0.25000	-9.184538	684.774446
-8.29E-14	1.35E-17	-4.37E-14
375.115230		
0.50000	-9.184538	810.980071
-9.82E-14	1.35E-17	-7.77E-15
78.768866		
0.75000	-9.184538	937.185696
-1.13E-13	1.35E-17	3.42E-14
-267.586477		
1.00000	-9.184538	1063.391
-1.29E-13	1.35E-17	8.22E-14
-663.950798		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 477

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 UEO08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128930	558.746475
-6.77E-14	1.07E-17	-1.63E-14
142.017130		
0.25000	-29.128930	684.952100
-8.30E-14	1.07E-17	1.35E-14
-104.390650		
0.50000	-29.128930	811.157725
-9.82E-14	1.07E-17	4.94E-14
-400.807409		
0.75000	-29.128930	937.363350
-1.14E-13	1.07E-17	9.14E-14
-747.233147		
1.00000	-29.128930	1063.569
-1.29E-13	1.07E-17	1.39E-13
-1143.668		

COMB UEO08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-29.128930	558.746475
-6.77E-14	1.07E-17	-1.63E-14
142.017130		
0.25000	-29.128930	684.952100
-8.30E-14	1.07E-17	1.35E-14
-104.390650		
0.50000	-29.128930	811.157725
-9.82E-14	1.07E-17	4.94E-14
-400.807409		
0.75000	-29.128930	937.363350
-1.14E-13	1.07E-17	9.14E-14
-747.233147		
1.00000	-29.128930	1063.569
-1.29E-13	1.07E-17	1.39E-13
-1143.668		

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB UEO9 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 4085.658
-4.95E-13 -2.58E-15 1.08E-12
-8894.776
0.25000 -93.683655 4205.553
-5.09E-13 -2.58E-15 1.28E-12
-10537.472
0.50000 -93.683655 4325.448
-5.24E-13 -2.58E-15 1.48E-12
-12227.677
0.75000 -93.683655 4445.344
-5.38E-13 -2.58E-15 1.69E-12
-13965.390
1.00000 -93.683655 4565.239
-5.53E-13 -2.58E-15 1.91E-12
-15750.612

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -93.683655 4085.658
-4.95E-13 -2.58E-15 1.08E-12
-8894.776
0.25000 -93.683655 4205.553
-5.09E-13 -2.58E-15 1.28E-12
-10537.472
0.50000 -93.683655 4325.448
-5.24E-13 -2.58E-15 1.48E-12
-12227.677
0.75000 -93.683655 4445.344
-5.38E-13 -2.58E-15 1.69E-12
-13965.390
1.00000 -93.683655 4565.239
-5.53E-13 -2.58E-15 1.91E-12
-15750.612
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 478

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 4085.589
-4.95E-13 -2.57E-15 1.02E-12
-8434.028
0.25000 -74.506391 4205.484
-5.09E-13 -2.57E-15 1.22E-12
-10076.697
0.50000 -74.506391 4325.380
-5.24E-13 -2.57E-15 1.43E-12
-11766.874
0.75000 -74.506391 4445.275
-5.38E-13 -2.57E-15 1.64E-12
-13504.560
1.00000 -74.506391 4565.170
-5.53E-13 -2.57E-15 1.85E-12
-15289.754

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -74.506391 4085.589
-4.95E-13 -2.57E-15 1.02E-12
-8434.028
0.25000 -74.506391 4205.484
-5.09E-13 -2.57E-15 1.22E-12
-10076.697
0.50000 -74.506391 4325.380
-5.24E-13 -2.57E-15 1.43E-12
-11766.874
0.75000 -74.506391 4445.275
-5.38E-13 -2.57E-15 1.64E-12
-13504.560
1.00000 -74.506391 4565.170
-5.53E-13 -2.57E-15 1.85E-12
-15289.754

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2673.495
-3.24E-13 -1.55E-15 6.38E-13
-5268.865
0.25000 -60.925227 2793.390
-3.38E-13 -1.55E-15 7.69E-13
-6351.992
0.50000 -60.925227 2913.286
-3.53E-13 -1.55E-15 9.06E-13
-7482.627
0.75000 -60.925227 3033.181
-3.67E-13 -1.55E-15 1.05E-12
-8660.771
1.00000 -60.925227 3153.077
-3.82E-13 -1.55E-15 1.20E-12
-9886.423

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925227 2673.495
-3.24E-13 -1.55E-15 6.38E-13
-5268.865
0.25000 -60.925227 2793.390
-3.38E-13 -1.55E-15 7.69E-13
-6351.992
0.50000 -60.925227 2913.286
-3.53E-13 -1.55E-15 9.06E-13
-7482.627
0.75000 -60.925227 3033.181
-3.67E-13 -1.55E-15 1.05E-12
-8660.771
1.00000 -60.925227 3153.077
-3.82E-13 -1.55E-15 1.20E-12
-9886.423

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2673.426
-3.24E-13 -1.55E-15 5.83E-13
-4808.117
0.25000 -41.747963 2793.322
-3.38E-13 -1.55E-15 7.14E-13
-5891.216
0.50000 -41.747963 2913.217
-3.53E-13 -1.55E-15 8.51E-13
-7021.824
0.75000 -41.747963 3033.112
-3.67E-13 -1.55E-15 9.94E-13
-8199.941
1.00000 -41.747963 3153.008
-3.82E-13 -1.55E-15 1.14E-12
-9425.566

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.747963 2673.426
-3.24E-13 -1.55E-15 5.83E-13
-4808.117
0.25000 -41.747963 2793.322
-3.38E-13 -1.55E-15 7.14E-13
-5891.216
0.50000 -41.747963 2913.217
-3.53E-13 -1.55E-15 8.51E-13
-7021.824
0.75000 -41.747963 3033.112
-3.67E-13 -1.55E-15 9.94E-13
-8199.941
1.00000 -41.747963 3153.008
-3.82E-13 -1.55E-15 1.14E-12
-9425.566
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 479

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2673.597
-3.24E-13 -1.55E-15 6.38E-13
-5269.113
0.25000 -60.925263 2793.492
-3.38E-13 -1.55E-15 7.69E-13
-6352.280
0.50000 -60.925263 2913.388
-3.53E-13 -1.55E-15 9.06E-13
-7482.955
0.75000 -60.925263 3033.283
-3.67E-13 -1.55E-15 1.05E-12
-8661.139
1.00000 -60.925263 3153.178
-3.82E-13 -1.55E-15 1.20E-12
-9886.832

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -60.925263 2673.597
-3.24E-13 -1.55E-15 6.38E-13
-5269.113
0.25000 -60.925263 2793.492
-3.38E-13 -1.55E-15 7.69E-13
-6352.280
0.50000 -60.925263 2913.388
-3.53E-13 -1.55E-15 9.06E-13
-7482.955
0.75000 -60.925263 3033.283
-3.67E-13 -1.55E-15 1.05E-12
-8661.139
1.00000 -60.925263 3153.178
-3.82E-13 -1.55E-15 1.20E-12
-9886.832

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 2673.528
-3.24E-13 -1.55E-15 5.83E-13
-4808.364
0.25000 -41.748000 2793.424
-3.38E-13 -1.55E-15 7.15E-13
-5891.504
0.50000 -41.748000 2913.319
-3.53E-13 -1.55E-15 8.51E-13
-7022.152
0.75000 -41.748000 3033.214
-3.67E-13 -1.55E-15 9.94E-13
-8200.309
1.00000 -41.748000 3153.110
-3.82E-13 -1.55E-15 1.14E-12
-9425.975

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -41.748000 2673.528
-3.24E-13 -1.55E-15 5.83E-13
-4808.364
0.25000 -41.748000 2793.424
-3.38E-13 -1.55E-15 7.15E-13
-5891.504
0.50000 -41.748000 2913.319
-3.53E-13 -1.55E-15 8.51E-13
-7022.152
0.75000 -41.748000 3033.214
-3.67E-13 -1.55E-15 9.94E-13
-8200.309
1.00000 -41.748000 3153.110
-3.82E-13 -1.55E-15 1.14E-12
-9425.975

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.674853
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.880478
-8.29E-14 1.34E-17 -4.36E-14
374.815967
0.50000 -9.184576 811.086103
-9.82E-14 1.34E-17 -7.73E-15
78.427588
0.75000 -9.184576 937.291728
-1.14E-13 1.34E-17 3.42E-14
-267.969770
1.00000 -9.184576 1063.497
-1.29E-13 1.34E-17 8.22E-14
-664.376106
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 480

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615
0.25000 -9.184538 684.774446
-8.29E-14 1.35E-17 -4.37E-14
375.115230
0.50000 -9.184538 810.980071
-9.82E-14 1.35E-17 -7.77E-15
78.768866
0.75000 -9.184538 937.185696
-1.13E-13 1.35E-17 3.42E-14
-267.586477
1.00000 -9.184538 1063.391
-1.29E-13 1.35E-17 8.22E-14
-663.950798

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184538 558.568821
-6.76E-14 1.35E-17 -7.35E-14
621.452615
0.25000 -9.184538 684.774446
-8.29E-14 1.35E-17 -4.37E-14
375.115230
0.50000 -9.184538 810.980071
-9.82E-14 1.35E-17 -7.77E-15
78.768866
0.75000 -9.184538 937.185696
-1.13E-13 1.35E-17 3.42E-14
-267.586477
1.00000 -9.184538 1063.391
-1.29E-13 1.35E-17 8.22E-14
-663.950798

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -71.415921 3915.461
-4.74E-13 -2.47E-15 9.82E-13
-8104.121
0.25000 -71.415921 4029.046
-4.88E-13 -2.47E-15 1.17E-12
-9678.127
0.50000 -71.415921 4142.631
-5.02E-13 -2.47E-15 1.37E-12
-11297.140
0.75000 -71.415921 4256.216
-5.15E-13 -2.47E-15 1.57E-12
-12961.162
1.00000 -71.415921 4369.801
-5.29E-13 -2.47E-15 1.78E-12
-14670.192

COMB UEO18 ----------
MIN

REL DIST P V2

V3 T M2 M3
0.00000 -71.415921 3915.461
-4.74E-13 -2.47E-15 9.82E-13
-8104.121
0.25000 -71.415921 4029.046
-4.88E-13 -2.47E-15 1.17E-12
-9678.127
0.50000 -71.415921 4142.631
-5.02E-13 -2.47E-15 1.37E-12
-11297.140
0.75000 -71.415921 4256.216
-5.15E-13 -2.47E-15 1.57E-12
-12961.162
1.00000 -71.415921 4369.801
-5.29E-13 -2.47E-15 1.78E-12
-14670.192

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 558.674853
-6.76E-14 1.35E-17 -7.35E-14
621.620815
0.25000 -9.184513 684.880478
-8.29E-14 1.35E-17 -4.36E-14
375.310902
0.50000 -9.184513 811.086103
-9.82E-14 1.35E-17 -7.73E-15
78.992009
0.75000 -9.184513 937.291728
-1.13E-13 1.35E-17 3.42E-14
-267.335862
1.00000 -9.184513 1063.497
-1.29E-13 1.35E-17 8.22E-14
-663.672712

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.499493
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.705118
-8.29E-14 1.34E-17 -4.37E-14
374.815967
0.50000 -9.184576 810.910743
-9.82E-14 1.34E-17 -7.80E-15
78.427588
0.75000 -9.184576 937.116368
-1.14E-13 1.34E-17 3.41E-14
-267.969770
1.00000 -9.184576 1063.322
-1.29E-13 1.34E-17 8.21E-14
-664.376106

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -11.939886 726.101949
-8.79E-14 1.76E-17 -9.56E-14
807.979425
0.25000 -11.939886 890.169261
-1.08E-13 1.76E-17 -5.68E-14
487.755692
0.50000 -11.939886 1054.237
-1.28E-13 1.76E-17 -1.01E-14
102.520286
0.75000 -11.939886 1218.304
-1.48E-13 1.76E-17 4.44E-14
-347.726793
1.00000 -11.939886 1382.371
-1.67E-13 1.76E-17 1.07E-13
-862.985544

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.184513 558.674853
-6.76E-14 1.35E-17 -7.35E-14
621.620815
0.25000 -9.184513 684.880478
-8.29E-14 1.35E-17 -4.36E-14
375.310902
0.50000 -9.184513 811.086103
-9.82E-14 1.35E-17 -7.73E-15
78.992009
0.75000 -9.184513 937.291728
-1.13E-13 1.35E-17 3.42E-14
-267.335862
1.00000 -9.184513 1063.497
-1.29E-13 1.35E-17 8.22E-14
-663.672712

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.184576 558.499493
-6.77E-14 1.34E-17 -7.35E-14
621.195367
0.25000 -9.184576 684.705118
-8.29E-14 1.34E-17 -4.37E-14
374.815967
0.50000 -9.184576 810.910743
-9.82E-14 1.34E-17 -7.80E-15
78.427588
0.75000 -9.184576 937.116368
-1.14E-13 1.34E-17 3.41E-14
-267.969770
1.00000 -9.184576 1063.322
-1.29E-13 1.34E-17 8.21E-14
-664.376106
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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

ELEM 10 ==========
LENGTH = 1.585000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 -5.29E-12 -9.31E-10
1.03E-25 8.23E-31 1.03E-25
-9.31E-10
0.25000 -5.29E-12 -9.31E-10
1.03E-25 8.23E-31 6.24E-26
-5.62E-10
0.50000 -5.29E-12 -9.31E-10
1.03E-25 8.23E-31 2.15E-26
-1.93E-10
0.75000 -5.29E-12 -9.31E-10
1.03E-25 8.23E-31 -1.95E-26
1.76E-10
1.00000 -5.29E-12 -9.31E-10
1.03E-25 8.23E-31 -6.05E-26
5.45E-10

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 -9.94E-29 -2.85E-15
-23.520000 1.28E-09 -18.816000
-2.28E-15
0.25000 -9.94E-29 -2.14E-15
-17.695125 1.28E-09 -10.650253
-1.29E-15
0.50000 -9.94E-29 -1.44E-15
-11.870250 1.28E-09 -4.792614
-5.80E-16
0.75000 -9.94E-29 -7.32E-16
-6.045375 1.28E-09 -1.243080
-1.51E-16
1.00000 -9.94E-29 -2.67E-17
-0.220500 1.28E-09 -0.001654
-2.00E-19

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 3.01E-32 .000000
.000000 4.07E-10 -1.49E-08
-1.65E-24
0.25000 3.01E-32 .000000
.000000 4.07E-10 -1.49E-08
-1.65E-24
0.50000 3.01E-32 .000000
.000000 4.07E-10 -1.49E-08
-1.65E-24
0.75000 3.01E-32 .000000
.000000 4.07E-10 -1.49E-08
-1.65E-24
1.00000 3.01E-32 .000000
.000000 4.07E-10 -1.49E-08
-1.65E-24

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -5.77E-08 -9.31E-10
2.07E-25 3.79E-29 2.07E-25
-1.86E-09
0.25000 -5.77E-08 -9.31E-10
2.07E-25 3.79E-29 1.25E-25
-1.49E-09
0.50000 -5.77E-08 -9.31E-10
2.07E-25 3.79E-29 4.29E-26
-1.12E-09
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 -5.77E-08 -9.31E-10
2.07E-25 3.79E-29 -3.90E-26
-7.56E-10
1.00000 -5.77E-08 -9.31E-10
2.07E-25 3.79E-29 -1.21E-25
-3.86E-10

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 -5.01E-09 -1.16E-10
2.58E-26 4.73E-30 2.58E-26
-1.75E-10
0.25000 -5.01E-09 -1.16E-10
2.58E-26 4.73E-30 1.56E-26
-1.28E-10
0.50000 -5.01E-09 -1.16E-10
2.58E-26 4.73E-30 5.36E-27
-8.24E-11
0.75000 -5.01E-09 -1.16E-10
2.58E-26 4.73E-30 -4.88E-27
-3.62E-11
1.00000 -5.01E-09 -1.16E-10
2.58E-26 4.73E-30 -1.51E-26
9.90E-12

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 -2.33E-09 -3.64E-12
2.42E-27 1.23E-31 7.27E-27
-2.55E-11
0.25000 -2.33E-09 -3.64E-12
2.42E-27 1.23E-31 6.31E-27
-2.40E-11
0.50000 -2.33E-09 -3.64E-12
2.42E-27 1.23E-31 5.35E-27
-2.26E-11
0.75000 -2.33E-09 -3.64E-12
2.42E-27 1.23E-31 4.39E-27
-2.11E-11
1.00000 -2.33E-09 -3.64E-12
2.42E-27 1.23E-31 3.43E-27
-1.97E-11

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375

4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 484

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 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-23.520000 1.28E-09 -18.816000
-407.680000
0.25000 -4.18E-10 -383.394375
-17.695125 1.28E-09 -10.650253
-230.755489
0.50000 -4.18E-10 -257.188750
-11.870250 1.28E-09 -4.792614
-103.839958
0.75000 -4.18E-10 -130.983125
-6.045375 1.28E-09 -1.243080
-26.933405
1.00000 -4.18E-10 -4.777500
-0.220500 1.28E-09 -0.001654
-0.035831

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-23.520000 1.28E-09 -18.816000
-407.680000
0.25000 -4.18E-10 -383.394375
-17.695125 1.28E-09 -10.650253
-230.755489
0.50000 -4.18E-10 -257.188750
-11.870250 1.28E-09 -4.792614
-103.839958
0.75000 -4.18E-10 -130.983125
-6.045375 1.28E-09 -1.243080
-26.933405
1.00000 -4.18E-10 -4.777500
-0.220500 1.28E-09 -0.001654
-0.035831

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
-11.760000 6.40E-10 -9.408000
-407.680000
0.25000 -4.24E-10 -383.394375
-8.847563 6.40E-10 -5.325127
-230.755489
0.50000 -4.24E-10 -257.188750
-5.935125 6.40E-10 -2.396307
-103.839958
0.75000 -4.24E-10 -130.983125
-3.022688 6.40E-10 -0.621540
-26.933405
1.00000 -4.24E-10 -4.777500
-0.110250 6.40E-10 -0.000827
-0.035831

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
-11.760000 6.40E-10 -9.408000
-407.680000
0.25000 -4.24E-10 -383.394375
-8.847563 6.40E-10 -5.325127
-230.755489
0.50000 -4.24E-10 -257.188750
-5.935125 6.40E-10 -2.396307
-103.839958
0.75000 -4.24E-10 -130.983125
-3.022688 6.40E-10 -0.621540
-26.933405
1.00000 -4.24E-10 -4.777500
-0.110250 6.40E-10 -0.000827
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 485

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 SVB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-11.760000 6.40E-10 -9.408000
-407.680000
0.25000 -4.18E-10 -383.394375
-8.847563 6.40E-10 -5.325127
-230.755489
0.50000 -4.18E-10 -257.188750
-5.935125 6.40E-10 -2.396307
-103.839958
0.75000 -4.18E-10 -130.983125
-3.022688 6.40E-10 -0.621540
-26.933405
1.00000 -4.18E-10 -4.777500
-0.110250 6.40E-10 -0.000827
-0.035831

COMB SVB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-11.760000 6.40E-10 -9.408000
-407.680000
0.25000 -4.18E-10 -383.394375
-8.847563 6.40E-10 -5.325127
-230.755489
0.50000 -4.18E-10 -257.188750
-5.935125 6.40E-10 -2.396307
-103.839958
0.75000 -4.18E-10 -130.983125
-3.022688 6.40E-10 -0.621540
-26.933405
1.00000 -4.18E-10 -4.777500
-0.110250 6.40E-10 -0.000827
-0.035831

COMB SVB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 4.07E-10 -1.49E-08
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 4.07E-10 -1.49E-08
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 4.07E-10 -1.49E-08
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 4.07E-10 -1.49E-08
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 4.07E-10 -1.49E-08
-0.035831

COMB SVB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 4.07E-10 -1.49E-08
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 4.07E-10 -1.49E-08
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 4.07E-10 -1.49E-08
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 4.07E-10 -1.49E-08
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 4.07E-10 -1.49E-08
-0.035831

COMB SVB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 486

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 SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 4.07E-10 -1.49E-08
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 4.07E-10 -1.49E-08
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 4.07E-10 -1.49E-08
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 4.07E-10 -1.49E-08
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 4.07E-10 -1.49E-08
-0.035831

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 4.07E-10 -1.49E-08
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 4.07E-10 -1.49E-08
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 4.07E-10 -1.49E-08
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 4.07E-10 -1.49E-08
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 4.07E-10 -1.49E-08
-0.035831

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-23.520000 1.69E-09 -18.816000
-407.680000
0.25000 -4.18E-10 -383.394375
-17.695125 1.69E-09 -10.650253
-230.755489
0.50000 -4.18E-10 -257.188750
-11.870250 1.69E-09 -4.792614
-103.839958
0.75000 -4.18E-10 -130.983125
-6.045375 1.69E-09 -1.243080
-26.933405
1.00000 -4.18E-10 -4.777500
-0.220500 1.69E-09 -0.001654
-0.035831

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-23.520000 1.69E-09 -18.816000
-407.680000
0.25000 -4.18E-10 -383.394375
-17.695125 1.69E-09 -10.650253
-230.755489
0.50000 -4.18E-10 -257.188750
-11.870250 1.69E-09 -4.792614
-103.839958
0.75000 -4.18E-10 -130.983125
-6.045375 1.69E-09 -1.243080
-26.933405
1.00000 -4.18E-10 -4.777500
-0.220500 1.69E-09 -0.001654
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 487

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 SVB11 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.18E-10	-509.600000
-23.520000		1.28E-09	-18.816000
-407.680000			
0.25000		-4.18E-10	-383.394375
-17.695125		1.28E-09	-10.650253
-230.755489			
0.50000		-4.18E-10	-257.188750
-11.870250		1.28E-09	-4.792614
-103.839958			
0.75000		-4.18E-10	-130.983125
-6.045375		1.28E-09	-1.243080
-26.933405			
1.00000		-4.18E-10	-4.777500
-0.220500		1.28E-09	-0.001654
-0.035831			

COMB SVB11 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.18E-10	-509.600000
-23.520000		1.28E-09	-18.816000
-407.680000			
0.25000		-4.18E-10	-383.394375
-17.695125		1.28E-09	-10.650253
-230.755489			
0.50000		-4.18E-10	-257.188750
-11.870250		1.28E-09	-4.792614
-103.839958			
0.75000		-4.18E-10	-130.983125
-6.045375		1.28E-09	-1.243080
-26.933405			
1.00000		-4.18E-10	-4.777500
-0.220500		1.28E-09	-0.001654
-0.035831			

COMB SVB12 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.24E-10	-509.600000
-11.760000		1.05E-09	-9.408000
-407.680000			
0.25000		-4.24E-10	-383.394375
-8.847563		1.05E-09	-5.325127
-230.755489			
0.50000		-4.24E-10	-257.188750
-5.935125		1.05E-09	-2.396307
-103.839958			
0.75000		-4.24E-10	-130.983125
-3.022688		1.05E-09	-0.621540
-26.933405			
1.00000		-4.24E-10	-4.777500
-0.110250		1.05E-09	-0.000827
-0.035831			

COMB SVB12 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.24E-10	-509.600000
-11.760000		1.05E-09	-9.408000
-407.680000			
0.25000		-4.24E-10	-383.394375
-8.847563		1.05E-09	-5.325127
-230.755489			
0.50000		-4.24E-10	-257.188750
-5.935125		1.05E-09	-2.396307
-103.839958			
0.75000		-4.24E-10	-130.983125
-3.022688		1.05E-09	-0.621540
-26.933405			
1.00000		-4.24E-10	-4.777500
-0.110250		1.05E-09	-0.000827
-0.035831			

COMB SVB13 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.24E-10	-509.600000
-11.760000		6.40E-10	-9.408000
-407.680000			
0.25000		-4.24E-10	-383.394375
-8.847563		6.40E-10	-5.325127
-230.755489			
0.50000		-4.24E-10	-257.188750
-5.935125		6.40E-10	-2.396307
-103.839958			
0.75000		-4.24E-10	-130.983125
-3.022688		6.40E-10	-0.621540
-26.933405			
1.00000		-4.24E-10	-4.777500
-0.110250		6.40E-10	-0.000827
-0.035831			

COMB SVB13 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.24E-10	-509.600000
-11.760000		6.40E-10	-9.408000
-407.680000			
0.25000		-4.24E-10	-383.394375
-8.847563		6.40E-10	-5.325127
-230.755489			
0.50000		-4.24E-10	-257.188750
-5.935125		6.40E-10	-2.396307
-103.839958			
0.75000		-4.24E-10	-130.983125
-3.022688		6.40E-10	-0.621540
-26.933405			
1.00000		-4.24E-10	-4.777500
-0.110250		6.40E-10	-0.000827
-0.035831			

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 488

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 SVB14 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.18E-10	-509.600000
-11.760000		1.05E-09	-9.408000
-407.680000			
0.25000		-4.18E-10	-383.394375
-8.847563		1.05E-09	-5.325127
-230.755489			
0.50000		-4.18E-10	-257.188750
-5.935125		1.05E-09	-2.396307
-103.839958			
0.75000		-4.18E-10	-130.983125
-3.022688		1.05E-09	-0.621540
-26.933405			
1.00000		-4.18E-10	-4.777500
-0.110250		1.05E-09	-0.000827
-0.035831			

COMB SVB14 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.18E-10	-509.600000
-11.760000		1.05E-09	-9.408000
-407.680000			
0.25000		-4.18E-10	-383.394375
-8.847563		1.05E-09	-5.325127
-230.755489			
0.50000		-4.18E-10	-257.188750
-5.935125		1.05E-09	-2.396307
-103.839958			
0.75000		-4.18E-10	-130.983125
-3.022688		1.05E-09	-0.621540
-26.933405			
1.00000		-4.18E-10	-4.777500
-0.110250		1.05E-09	-0.000827
-0.035831			

COMB SVB15 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.18E-10	-509.600000
-11.760000		6.40E-10	-9.408000
-407.680000			
0.25000		-4.18E-10	-383.394375
-8.847563		6.40E-10	-5.325127
-230.755489			
0.50000		-4.18E-10	-257.188750
-5.935125		6.40E-10	-2.396307
-103.839958			
0.75000		-4.18E-10	-130.983125
-3.022688		6.40E-10	-0.621540
-26.933405			
1.00000		-4.18E-10	-4.777500
-0.110250		6.40E-10	-0.000827
-0.035831			

COMB SVB15 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-4.18E-10	-509.600000
-11.760000		6.40E-10	-9.408000
-407.680000			
0.25000		-4.18E-10	-383.394375
-8.847563		6.40E-10	-5.325127
-230.755489			
0.50000		-4.18E-10	-257.188750
-5.935125		6.40E-10	-2.396307
-103.839958			
0.75000		-4.18E-10	-130.983125
-3.022688		6.40E-10	-0.621540
-26.933405			
1.00000		-4.18E-10	-4.777500
-0.110250		6.40E-10	-0.000827
-0.035831			

COMB ULB01 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.55E-10	-662.480000
8.02E-14		3.08E-30	6.42E-14
-529.984000			
0.25000		-5.55E-10	-498.412688
6.04E-14		3.08E-30	3.63E-14
-299.982136			
0.50000		-5.55E-10	-334.345375
4.05E-14		3.08E-30	1.63E-14
-134.991945			
0.75000		-5.55E-10	-170.278063
2.06E-14		3.08E-30	4.24E-15
-35.013427			
1.00000		-5.55E-10	-6.210750
7.52E-16		3.08E-30	5.64E-18
-0.046581			

COMB ULB01 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.55E-10	-662.480000
8.02E-14		3.08E-30	6.42E-14
-529.984000			
0.25000		-5.55E-10	-498.412688
6.04E-14		3.08E-30	3.63E-14
-299.982136			
0.50000		-5.55E-10	-334.345375
4.05E-14		3.08E-30	1.63E-14
-134.991945			
0.75000		-5.55E-10	-170.278063
2.06E-14		3.08E-30	4.24E-15
-35.013427			
1.00000		-5.55E-10	-6.210750
7.52E-16		3.08E-30	5.64E-18
-0.046581			

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 489

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 ULB02 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.44E-10	-662.480000
8.02E-14		1.31E-30	6.42E-14
-529.984000			
0.25000		-5.44E-10	-498.412688
6.04E-14		1.31E-30	3.63E-14
-299.982136			
0.50000		-5.44E-10	-334.345375
4.05E-14		1.31E-30	1.63E-14
-134.991945			
0.75000		-5.44E-10	-170.278063
2.06E-14		1.31E-30	4.24E-15
-35.013427			
1.00000		-5.44E-10	-6.210750
7.52E-16		1.31E-30	5.64E-18
-0.046581			

COMB ULB02 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.44E-10	-662.480000
8.02E-14		1.31E-30	6.42E-14
-529.984000			
0.25000		-5.44E-10	-498.412688
6.04E-14		1.31E-30	3.63E-14
-299.982136			
0.50000		-5.44E-10	-334.345375
4.05E-14		1.31E-30	1.63E-14
-134.991945			
0.75000		-5.44E-10	-170.278063
2.06E-14		1.31E-30	4.24E-15
-35.013427			
1.00000		-5.44E-10	-6.210750
7.52E-16		1.31E-30	5.64E-18
-0.046581			

COMB ULB03 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.44E-10	-662.480000
-30.576000		1.66E-09	-24.460800
-529.984000			
0.25000		-5.44E-10	-498.412688
-23.003663		1.66E-09	-13.845329
-299.982136			
0.50000		-5.44E-10	-334.345375
-15.431325		1.66E-09	-6.230398
-134.991945			
0.75000		-5.44E-10	-170.278063
-7.858988		1.66E-09	-1.616004
-35.013427			
1.00000		-5.44E-10	-6.210750
-0.286650		1.66E-09	-0.002150
-0.046581			

COMB ULB03 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.44E-10	-662.480000
-30.576000		1.66E-09	-24.460800
-529.984000			
0.25000		-5.44E-10	-498.412688
-23.003663		1.66E-09	-13.845329
-299.982136			
0.50000		-5.44E-10	-334.345375
-15.431325		1.66E-09	-6.230398
-134.991945			
0.75000		-5.44E-10	-170.278063
-7.858988		1.66E-09	-1.616004
-35.013427			
1.00000		-5.44E-10	-6.210750
-0.286650		1.66E-09	-0.002150
-0.046581			

COMB ULB04 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.51E-10	-662.480000
-15.288000		8.32E-10	-12.230400
-529.984000			
0.25000		-5.51E-10	-498.412688
-11.501831		8.32E-10	-6.922665
-299.982136			
0.50000		-5.51E-10	-334.345375
-7.715663		8.32E-10	-3.115199
-134.991945			
0.75000		-5.51E-10	-170.278063
-3.929494		8.32E-10	-0.808002
-35.013427			
1.00000		-5.51E-10	-6.210750
-0.143325		8.32E-10	-0.001075
-0.046581			

COMB ULB04 ----------
MIN

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.51E-10	-662.480000
-15.288000		8.32E-10	-12.230400
-529.984000			
0.25000		-5.51E-10	-498.412688
-11.501831		8.32E-10	-6.922665
-299.982136			
0.50000		-5.51E-10	-334.345375
-7.715663		8.32E-10	-3.115199
-134.991945			
0.75000		-5.51E-10	-170.278063
-3.929494		8.32E-10	-0.808002
-35.013427			
1.00000		-5.51E-10	-6.210750
-0.143325		8.32E-10	-0.001075
-0.046581			

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 490

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 ULB05 ----------
MAX

REL DIST		P	V2
V3	T	M2	M3
0.00000		-5.44E-10	-662.480000
-15.288000		8.32E-10	-12.230400
-529.984000			
0.25000		-5.44E-10	-498.412688
-11.501831		8.32E-10	-6.922665
-299.982136			
0.50000		-5.44E-10	-334.345375
-7.715663		8.32E-10	-3.115199
-134.991945			
0.75000		-5.44E-10	-170.278063
-3.929494		8.32E-10	-0.808002
-35.013427			
1.00000		-5.44E-10	-6.210750
-0.143325		8.32E-10	-0.001075
-0.046581			

COMB ULB05 ----------

MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.44E-10	-662.480000
-15.288000	8.32E-10	-12.230400
-529.984000		
0.25000	-5.44E-10	-498.412688
-11.501831	8.32E-10	-6.922665
-299.982136		
0.50000	-5.44E-10	-334.345375
-7.715663	8.32E-10	-3.115199
-134.991945		
0.75000	-5.44E-10	-170.278063
-3.929494	8.32E-10	-0.808002
-35.013427		
1.00000	-5.44E-10	-6.210750
-0.143325	8.32E-10	-0.001075
-0.046581		

COMB ULB06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.51E-10	-662.480000
8.02E-14	5.30E-10	-1.94E-08
-529.984000		
0.25000	-5.51E-10	-498.412688
6.04E-14	5.30E-10	-1.94E-08
-299.982136		
0.50000	-5.51E-10	-334.345375
4.05E-14	5.30E-10	-1.94E-08
-134.991945		
0.75000	-5.51E-10	-170.278063
2.06E-14	5.30E-10	-1.94E-08
-35.013427		
1.00000	-5.51E-10	-6.210750
7.52E-16	5.30E-10	-1.94E-08
-0.046581		

COMB ULB06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.51E-10	-662.480000
8.02E-14	5.30E-10	-1.94E-08
-529.984000		
0.25000	-5.51E-10	-498.412688
6.04E-14	5.30E-10	-1.94E-08
-299.982136		
0.50000	-5.51E-10	-334.345375
4.05E-14	5.30E-10	-1.94E-08
-134.991945		
0.75000	-5.51E-10	-170.278063
2.06E-14	5.30E-10	-1.94E-08
-35.013427		
1.00000	-5.51E-10	-6.210750
7.52E-16	5.30E-10	-1.94E-08
-0.046581		

COMB ULB07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.51E-10	-662.480000
8.02E-14	2.38E-30	6.42E-14
-529.984000		
0.25000	-5.51E-10	-498.412688
6.04E-14	2.38E-30	3.63E-14
-299.982136		
0.50000	-5.51E-10	-334.345375
4.05E-14	2.38E-30	1.63E-14
-134.991945		
0.75000	-5.51E-10	-170.278063
2.06E-14	2.38E-30	4.24E-15
-35.013427		
1.00000	-5.51E-10	-6.210750
7.52E-16	2.38E-30	5.64E-18
-0.046581		

COMB ULB07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.51E-10	-662.480000
8.02E-14	2.38E-30	6.42E-14
-529.984000		
0.25000	-5.51E-10	-498.412688
6.04E-14	2.38E-30	3.63E-14
-299.982136		
0.50000	-5.51E-10	-334.345375
4.05E-14	2.38E-30	1.63E-14
-134.991945		
0.75000	-5.51E-10	-170.278063
2.06E-14	2.38E-30	4.24E-15
-35.013427		
1.00000	-5.51E-10	-6.210750
7.52E-16	2.38E-30	5.64E-18
-0.046581		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page

; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 491

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 ULB08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	5.30E-10	-1.94E-08
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	5.30E-10	-1.94E-08
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	5.30E-10	-1.94E-08
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	5.30E-10	-1.94E-08
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	5.30E-10	-1.94E-08
-0.046581		

COMB ULB08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	5.30E-10	-1.94E-08
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	5.30E-10	-1.94E-08
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	5.30E-10	-1.94E-08
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	5.30E-10	-1.94E-08
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	5.30E-10	-1.94E-08
-0.046581		

COMB ULB09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	1.31E-30	6.42E-14
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	1.31E-30	3.63E-14
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	1.31E-30	1.63E-14
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	1.31E-30	4.24E-15
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	1.31E-30	5.64E-18
-0.046581		

COMB ULB09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	1.31E-30	6.42E-14
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	1.31E-30	3.63E-14
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	1.31E-30	1.63E-14
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	1.31E-30	4.24E-15
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	1.31E-30	5.64E-18
-0.046581		

COMB ULB10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.23E-10	-637.000000
-29.400000	2.11E-09	-23.520000
-509.600000		
0.25000	-5.23E-10	-479.242969
-22.118906	2.11E-09	-13.312817
-288.444362		
0.50000	-5.23E-10	-321.485938
-14.837813	2.11E-09	-5.990767
-129.799947		
0.75000	-5.23E-10	-163.728906
-7.556719	2.11E-09	-1.553850
-33.666756		
1.00000	-5.23E-10	-5.971875
-0.275625	2.11E-09	-0.002067
-0.044789		

COMB ULB10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.23E-10	-637.000000
-29.400000	2.11E-09	-23.520000
-509.600000		
0.25000	-5.23E-10	-479.242969
-22.118906	2.11E-09	-13.312817
-288.444362		
0.50000	-5.23E-10	-321.485938
-14.837813	2.11E-09	-5.990767
-129.799947		
0.75000	-5.23E-10	-163.728906
-7.556719	2.11E-09	-1.553850
-33.666756		
1.00000	-5.23E-10	-5.971875
-0.275625	2.11E-09	-0.002067
-0.044789		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page

; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 492

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 ULB11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.23E-10	-637.000000
-29.400000	1.60E-09	-23.520000
-509.600000		
0.25000	-5.23E-10	-479.242969
-22.118906	1.60E-09	-13.312817
-288.444362		
0.50000	-5.23E-10	-321.485938
-14.837813	1.60E-09	-5.990767
-129.799947		
0.75000	-5.23E-10	-163.728906
-7.556719	1.60E-09	-1.553850
-33.666756		
1.00000	-5.23E-10	-5.971875
-0.275625	1.60E-09	-0.002067
-0.044789		

COMB ULB11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.23E-10	-637.000000
-29.400000	1.60E-09	-23.520000
-509.600000		
0.25000	-5.23E-10	-479.242969
-22.118906	1.60E-09	-13.312817
-288.444362		
0.50000	-5.23E-10	-321.485938
-14.837813	1.60E-09	-5.990767
-129.799947		
0.75000	-5.23E-10	-163.728906
-7.556719	1.60E-09	-1.553850
-33.666756		
1.00000	-5.23E-10	-5.971875
-0.275625	1.60E-09	-0.002067
-0.044789		

COMB ULB12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.30E-10	-637.000000
-14.700000	1.31E-09	-11.760000
-509.600000		
0.25000	-5.30E-10	-479.242969
-11.059453	1.31E-09	-6.656408
-288.444362		
0.50000	-5.30E-10	-321.485938
-7.418906	1.31E-09	-2.995383
-129.799947		
0.75000	-5.30E-10	-163.728906
-3.778359	1.31E-09	-0.776925
-33.666756		
1.00000	-5.30E-10	-5.971875
-0.137813	1.31E-09	-0.001034
-0.044789		

COMB ULB12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.30E-10	-637.000000
-14.700000	1.31E-09	-11.760000
-509.600000		
0.25000	-5.30E-10	-479.242969
-11.059453	1.31E-09	-6.656408
-288.444362		
0.50000	-5.30E-10	-321.485938
-7.418906	1.31E-09	-2.995383
-129.799947		
0.75000	-5.30E-10	-163.728906
-3.778359	1.31E-09	-0.776925
-33.666756		
1.00000	-5.30E-10	-5.971875
-0.137813	1.31E-09	-0.001034
-0.044789		

COMB ULB13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.30E-10	-637.000000
-14.700000	8.00E-10	-11.760000
-509.600000		
0.25000	-5.30E-10	-479.242969
-11.059453	8.00E-10	-6.656408
-288.444362		
0.50000	-5.30E-10	-321.485938
-7.418906	8.00E-10	-2.995383
-129.799947		
0.75000	-5.30E-10	-163.728906
-3.778359	8.00E-10	-0.776925
-33.666756		
1.00000	-5.30E-10	-5.971875
-0.137813	8.00E-10	-0.001034
-0.044789		

COMB ULB13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.30E-10	-637.000000
-14.700000	8.00E-10	-11.760000
-509.600000		
0.25000	-5.30E-10	-479.242969
-11.059453	8.00E-10	-6.656408
-288.444362		
0.50000	-5.30E-10	-321.485938
-7.418906	8.00E-10	-2.995383
-129.799947		
0.75000	-5.30E-10	-163.728906
-3.778359	8.00E-10	-0.776925
-33.666756		
1.00000	-5.30E-10	-5.971875
-0.137813	8.00E-10	-0.001034
-0.044789		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page

; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 493

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 ULB14 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.23E-10	-637.000000
-14.700000	1.31E-09	-11.760000
-509.600000		
0.25000	-5.23E-10	-479.242969
-11.059453	1.31E-09	-6.656408
-288.444362		
0.50000	-5.23E-10	-321.485938
-7.418906	1.31E-09	-2.995383
-129.799947		
0.75000	-5.23E-10	-163.728906
-3.778359	1.31E-09	-0.776925
-33.666756		
1.00000	-5.23E-10	-5.971875
-0.137813	1.31E-09	-0.001034
-0.044789		

COMB ULB14 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-5.23E-10	-637.000000
-14.700000	1.31E-09	-11.760000
-509.600000		
0.25000	-5.23E-10	-479.242969
-11.059453	1.31E-09	-6.656408
-288.444362		
0.50000	-5.23E-10	-321.485938
-7.418906	1.31E-09	-2.995383
-129.799947		
0.75000	-5.23E-10	-163.728906
-3.778359	1.31E-09	-0.776925
-33.666756		
1.00000	-5.23E-10	-5.971875
-0.137813	1.31E-09	-0.001034
-0.044789		

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.23E-10 -637.000000
-14.700000 8.00E-10 -11.760000
-509.600000
0.25000 -5.23E-10 -479.242969
-11.059453 8.00E-10 -6.656408
-288.444362
0.50000 -5.23E-10 -321.485938
-7.418906 8.00E-10 -2.995383
-129.799947
0.75000 -5.23E-10 -163.728906
-3.778359 8.00E-10 -0.776925
-33.666756
1.00000 -5.23E-10 -5.971875
-0.137813 8.00E-10 -0.001034
-0.044789

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.23E-10 -637.000000
-14.700000 8.00E-10 -11.760000
-509.600000
0.25000 -5.23E-10 -479.242969
-11.059453 8.00E-10 -6.656408
-288.444362
0.50000 -5.23E-10 -321.485938
-7.418906 8.00E-10 -2.995383
-129.799947
0.75000 -5.23E-10 -163.728906
-3.778359 8.00E-10 -0.776925
-33.666756
1.00000 -5.23E-10 -5.971875
-0.137813 8.00E-10 -0.001034
-0.044789

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.51E-10 -662.480000
8.02E-14 2.38E-30 6.42E-14
-529.984000
0.25000 -5.51E-10 -498.412688
6.04E-14 2.38E-30 3.63E-14
-299.982136
0.50000 -5.51E-10 -334.345375
4.05E-14 2.38E-30 1.63E-14
-134.991945
0.75000 -5.51E-10 -170.278063
2.06E-14 2.38E-30 4.24E-15
-35.013427
1.00000 -5.51E-10 -6.210750
7.52E-16 2.38E-30 5.64E-18
-0.046581

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.51E-10 -662.480000
8.02E-14 2.38E-30 6.42E-14
-529.984000
0.25000 -5.51E-10 -498.412688
6.04E-14 2.38E-30 3.63E-14
-299.982136
0.50000 -5.51E-10 -334.345375
4.05E-14 2.38E-30 1.63E-14
-134.991945
0.75000 -5.51E-10 -170.278063
2.06E-14 2.38E-30 4.24E-15
-35.013427
1.00000 -5.51E-10 -6.210750
7.52E-16 2.38E-30 5.64E-18
-0.046581

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.02E-10 -611.520000
-28.224000 1.54E-09 -22.579200
-489.216000
0.25000 -5.02E-10 -460.073250
-21.234150 1.54E-09 -12.780304
-276.906587
0.50000 -5.02E-10 -308.626500
-14.244300 1.54E-09 -5.751136
-124.607949
0.75000 -5.02E-10 -157.179750
-7.254450 1.54E-09 -1.491696
-32.320086
1.00000 -5.02E-10 -5.733000
-0.264600 1.54E-09 -0.001985
-0.042998

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.02E-10 -611.520000
-28.224000 1.54E-09 -22.579200
-489.216000
0.25000 -5.02E-10 -460.073250
-21.234150 1.54E-09 -12.780304
-276.906587
0.50000 -5.02E-10 -308.626500
-14.244300 1.54E-09 -5.751136
-124.607949
0.75000 -5.02E-10 -157.179750
-7.254450 1.54E-09 -1.491696
-32.320086
1.00000 -5.02E-10 -5.733000
-0.264600 1.54E-09 -0.001985
-0.042998

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.30E-10 -509.600000
6.17E-14 2.78E-30 4.94E-14
-407.680000
0.25000 -4.30E-10 -383.394375
4.64E-14 2.78E-30 2.79E-14
-230.755489
0.50000 -4.30E-10 -257.188750
3.11E-14 2.78E-30 1.26E-14
-103.839958
0.75000 -4.30E-10 -130.983125
1.59E-14 2.78E-30 3.26E-15
-26.933405
1.00000 -4.30E-10 -4.777500
5.79E-16 2.78E-30 4.34E-18
-0.035831

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.30E-10 -509.600000
6.17E-14 2.78E-30 4.94E-14
-407.680000
0.25000 -4.30E-10 -383.394375
4.64E-14 2.78E-30 2.79E-14
-230.755489
0.50000 -4.30E-10 -257.188750
3.11E-14 2.78E-30 1.26E-14
-103.839958
0.75000 -4.30E-10 -130.983125
1.59E-14 2.78E-30 3.26E-15
-26.933405
1.00000 -4.30E-10 -4.777500
5.79E-16 2.78E-30 4.34E-18
-0.035831

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-30.576000 1.66E-09 -24.460800
-407.680000
0.25000 -4.18E-10 -383.394375
-23.003663 1.66E-09 -13.845329
-230.755489
0.50000 -4.18E-10 -257.188750
-15.431325 1.66E-09 -6.230398
-103.839958
0.75000 -4.18E-10 -130.983125
-7.858988 1.66E-09 -1.616004
-26.933405
1.00000 -4.18E-10 -4.777500
-0.286650 1.66E-09 -0.002150
-0.035831

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-30.576000 1.66E-09 -24.460800
-407.680000
0.25000 -4.18E-10 -383.394375
-23.003663 1.66E-09 -13.845329
-230.755489
0.50000 -4.18E-10 -257.188750
-15.431325 1.66E-09 -6.230398
-103.839958
0.75000 -4.18E-10 -130.983125
-7.858988 1.66E-09 -1.616004
-26.933405
1.00000 -4.18E-10 -4.777500
-0.286650 1.66E-09 -0.002150
-0.035831

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
-15.288000 8.32E-10 -12.230400
-407.680000
0.25000 -4.25E-10 -383.394375
-11.501831 8.32E-10 -6.922665
-230.755489
0.50000 -4.25E-10 -257.188750
-7.715663 8.32E-10 -3.115199
-103.839958
0.75000 -4.25E-10 -130.983125
-3.929494 8.32E-10 -0.808002
-26.933405
1.00000 -4.25E-10 -4.777500
-0.143325 8.32E-10 -0.001075
-0.035831

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 UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
-15.288000 8.32E-10 -12.230400
-407.680000
0.25000 -4.25E-10 -383.394375
-11.501831 8.32E-10 -6.922665
-230.755489
0.50000 -4.25E-10 -257.188750
-7.715663 8.32E-10 -3.115199
-103.839958
0.75000 -4.25E-10 -130.983125
-3.929494 8.32E-10 -0.808002
-26.933405
1.00000 -4.25E-10 -4.777500
-0.143325 8.32E-10 -0.001075
-0.035831

COMB UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-15.288000 8.32E-10 -12.230400
-407.680000
0.25000 -4.18E-10 -383.394375
-11.501831 8.32E-10 -6.922665
-230.755489
0.50000 -4.18E-10 -257.188750
-7.715663 8.32E-10 -3.115199
-103.839958
0.75000 -4.18E-10 -130.983125
-3.929494 8.32E-10 -0.808002
-26.933405
1.00000 -4.18E-10 -4.777500
-0.143325 8.32E-10 -0.001075
-0.035831

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
-15.288000 8.32E-10 -12.230400
-407.680000
0.25000 -4.18E-10 -383.394375
-11.501831 8.32E-10 -6.922665
-230.755489
0.50000 -4.18E-10 -257.188750
-7.715663 8.32E-10 -3.115199
-103.839958
0.75000 -4.18E-10 -130.983125
-3.929494 8.32E-10 -0.808002
-26.933405
1.00000 -4.18E-10 -4.777500
-0.143325 8.32E-10 -0.001075
-0.035831

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
6.17E-14 5.30E-10 -1.94E-08
-407.680000
0.25000 -4.25E-10 -383.394375
4.64E-14 5.30E-10 -1.94E-08
-230.755489
0.50000 -4.25E-10 -257.188750
3.11E-14 5.30E-10 -1.94E-08
-103.839958
0.75000 -4.25E-10 -130.983125
1.59E-14 5.30E-10 -1.94E-08
-26.933405
1.00000 -4.25E-10 -4.777500
5.79E-16 5.30E-10 -1.94E-08
-0.035831

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3

0.00000	-4.25E-10	-509.600000	6.17E-14	5.30E-10	-1.94E-08	-407.680000	
0.25000	-4.25E-10	-383.394375	4.64E-14	5.30E-10	-1.94E-08	-230.755489	
0.50000	-4.25E-10	-257.188750	3.11E-14	5.30E-10	-1.94E-08	-103.839958	
0.75000	-4.25E-10	-130.983125	1.59E-14	5.30E-10	-1.94E-08	-26.933405	
1.00000	-4.25E-10	-4.777500	5.79E-16	5.30E-10	-1.94E-08	-0.035831	

COMB UEB07 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.25E-10	-509.600000	6.17E-14	2.08E-30	4.94E-14	-407.680000	
0.25000	-4.25E-10	-383.394375	4.64E-14	2.08E-30	2.79E-14	-230.755489	
0.50000	-4.25E-10	-257.188750	3.11E-14	2.08E-30	1.26E-14	-103.839958	
0.75000	-4.25E-10	-130.983125	1.59E-14	2.08E-30	3.26E-15	-26.933405	
1.00000	-4.25E-10	-4.777500	5.79E-16	2.08E-30	4.34E-18	-0.035831	

COMB UEB07 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.25E-10	-509.600000	6.17E-14	2.08E-30	4.94E-14	-407.680000	
0.25000	-4.25E-10	-383.394375	4.64E-14	2.08E-30	2.79E-14	-230.755489	
0.50000	-4.25E-10	-257.188750	3.11E-14	2.08E-30	1.26E-14	-103.839958	
0.75000	-4.25E-10	-130.983125	1.59E-14	2.08E-30	3.26E-15	-26.933405	
1.00000	-4.25E-10	-4.777500	5.79E-16	2.08E-30	4.34E-18	-0.035831	

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 497

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 UEB08 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.18E-10	-509.600000	6.17E-14	5.30E-10	-1.94E-08	-407.680000	
0.25000	-4.18E-10	-383.394375	4.64E-14	5.30E-10	-1.94E-08	-230.755489	
0.50000	-4.18E-10	-257.188750	3.11E-14	5.30E-10	-1.94E-08	-103.839958	
0.75000	-4.18E-10	-130.983125	1.59E-14	5.30E-10	-1.94E-08	-26.933405	
1.00000	-4.18E-10	-4.777500	5.79E-16	5.30E-10	-1.94E-08	-0.035831	

COMB UEB08 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.18E-10	-509.600000	6.17E-14	5.30E-10	-1.94E-08	-407.680000	
0.25000	-4.18E-10	-383.394375	4.64E-14	5.30E-10	-1.94E-08	-230.755489	
0.50000	-4.18E-10	-257.188750	3.11E-14	5.30E-10	-1.94E-08	-103.839958	
0.75000	-4.18E-10	-130.983125	1.59E-14	5.30E-10	-1.94E-08	-26.933405	
1.00000	-4.18E-10	-4.777500	5.79E-16	5.30E-10	-1.94E-08	-0.035831	

COMB UEB09 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.18E-10	-509.600000	6.17E-14	1.01E-30	4.94E-14	-407.680000	
0.25000	-4.18E-10	-383.394375	4.64E-14	1.01E-30	2.79E-14	-230.755489	
0.50000	-4.18E-10	-257.188750	3.11E-14	1.01E-30	1.26E-14	-103.839958	
0.75000	-4.18E-10	-130.983125	1.59E-14	1.01E-30	3.26E-15	-26.933405	
1.00000	-4.18E-10	-4.777500	5.79E-16	1.01E-30	4.34E-18	-0.035831	

COMB UEB09 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.18E-10	-509.600000	6.17E-14	1.01E-30	4.94E-14	-407.680000	
0.25000	-4.18E-10	-383.394375	4.64E-14	1.01E-30	2.79E-14	-230.755489	
0.50000	-4.18E-10	-257.188750	3.11E-14	1.01E-30	1.26E-14	-103.839958	
0.75000	-4.18E-10	-130.983125	1.59E-14	1.01E-30	3.26E-15	-26.933405	
1.00000	-4.18E-10	-4.777500	5.79E-16	1.01E-30	4.34E-18	-0.035831	

COMB UEB10 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-29.400000	2.11E-09	-23.520000	-387.296000	
0.25000	-3.97E-10	-364.224656	-22.118906	2.11E-09	-13.312817	-219.217715	
0.50000	-3.97E-10	-244.329313	-14.837813	2.11E-09	-5.990767	-98.647960	
0.75000	-3.97E-10	-124.433969	-7.556719	2.11E-09	-1.553850	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.275625	2.11E-09	-0.002067	-0.034040	

COMB UEB10 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-29.400000	2.11E-09	-23.520000	-387.296000	
0.25000	-3.97E-10	-364.224656	-22.118906	2.11E-09	-13.312817	-219.217715	
0.50000	-3.97E-10	-244.329313	-14.837813	2.11E-09	-5.990767	-98.647960	
0.75000	-3.97E-10	-124.433969	-7.556719	2.11E-09	-1.553850	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.275625	2.11E-09	-0.002067	-0.034040	

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 498

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 UEB11 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-29.400000	1.60E-09	-23.520000	-387.296000	
0.25000	-3.97E-10	-364.224656	-22.118906	1.60E-09	-13.312817	-219.217715	
0.50000	-3.97E-10	-244.329313	-14.837813	1.60E-09	-5.990767	-98.647960	
0.75000	-3.97E-10	-124.433969	-7.556719	1.60E-09	-1.553850	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.275625	1.60E-09	-0.002067	-0.034040	

COMB UEB11 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-29.400000	1.60E-09	-23.520000	-387.296000	
0.25000	-3.97E-10	-364.224656	-22.118906	1.60E-09	-13.312817	-219.217715	
0.50000	-3.97E-10	-244.329313	-14.837813	1.60E-09	-5.990767	-98.647960	
0.75000	-3.97E-10	-124.433969	-7.556719	1.60E-09	-1.553850	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.275625	1.60E-09	-0.002067	-0.034040	

COMB UEB12 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.04E-10	-484.120000	-14.700000	1.31E-09	-11.760000	-387.296000	
0.25000	-4.04E-10	-364.224656	-11.059453	1.31E-09	-6.656408	-219.217715	
0.50000	-4.04E-10	-244.329313	-7.418906	1.31E-09	-2.995383	-98.647960	
0.75000	-4.04E-10	-124.433969	-3.778359	1.31E-09	-0.776925	-25.586735	
1.00000	-4.04E-10	-4.538625	-0.137813	1.31E-09	-0.001034	-0.034040	

COMB UEB12 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.04E-10	-484.120000	-14.700000	1.31E-09	-11.760000	-387.296000	
0.25000	-4.04E-10	-364.224656	-11.059453	1.31E-09	-6.656408	-219.217715	
0.50000	-4.04E-10	-244.329313	-7.418906	1.31E-09	-2.995383	-98.647960	
0.75000	-4.04E-10	-124.433969	-3.778359	1.31E-09	-0.776925	-25.586735	
1.00000	-4.04E-10	-4.538625	-0.137813	1.31E-09	-0.001034	-0.034040	

COMB UEB13 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.04E-10	-484.120000	-14.700000	8.00E-10	-11.760000	-387.296000	
0.25000	-4.04E-10	-364.224656	-11.059453	8.00E-10	-6.656408	-219.217715	
0.50000	-4.04E-10	-244.329313	-7.418906	8.00E-10	-2.995383	-98.647960	
0.75000	-4.04E-10	-124.433969	-3.778359	8.00E-10	-0.776925	-25.586735	
1.00000	-4.04E-10	-4.538625	-0.137813	8.00E-10	-0.001034	-0.034040	

COMB UEB13 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.04E-10	-484.120000	-14.700000	8.00E-10	-11.760000	-387.296000	
0.25000	-4.04E-10	-364.224656	-11.059453	8.00E-10	-6.656408	-219.217715	
0.50000	-4.04E-10	-244.329313	-7.418906	8.00E-10	-2.995383	-98.647960	
0.75000	-4.04E-10	-124.433969	-3.778359	8.00E-10	-0.776925	-25.586735	
1.00000	-4.04E-10	-4.538625	-0.137813	8.00E-10	-0.001034	-0.034040	

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 499

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 UEB14 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-14.700000	1.31E-09	-11.760000	-387.296000	
0.25000	-3.97E-10	-364.224656	-11.059453	1.31E-09	-6.656408	-219.217715	
0.50000	-3.97E-10	-244.329313	-7.418906	1.31E-09	-2.995383	-98.647960	
0.75000	-3.97E-10	-124.433969	-3.778359	1.31E-09	-0.776925	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.137813	1.31E-09	-0.001034	-0.034040	

COMB UEB14 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-14.700000	1.31E-09	-11.760000	-387.296000	
0.25000	-3.97E-10	-364.224656	-11.059453	1.31E-09	-6.656408	-219.217715	
0.50000	-3.97E-10	-244.329313	-7.418906	1.31E-09	-2.995383	-98.647960	
0.75000	-3.97E-10	-124.433969	-3.778359	1.31E-09	-0.776925	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.137813	1.31E-09	-0.001034	-0.034040	

COMB UEB15 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-14.700000	8.00E-10	-11.760000	-387.296000	
0.25000	-3.97E-10	-364.224656	-11.059453	8.00E-10	-6.656408	-219.217715	
0.50000	-3.97E-10	-244.329313	-7.418906	8.00E-10	-2.995383	-98.647960	
0.75000	-3.97E-10	-124.433969	-3.778359	8.00E-10	-0.776925	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.137813	8.00E-10	-0.001034	-0.034040	

COMB UEB15 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.00000	-3.97E-10	-484.120000	-14.700000	8.00E-10	-11.760000	-387.296000	
0.25000	-3.97E-10	-364.224656	-11.059453	8.00E-10	-6.656408	-219.217715	
0.50000	-3.97E-10	-244.329313	-7.418906	8.00E-10	-2.995383	-98.647960	
0.75000	-3.97E-10	-124.433969	-3.778359	8.00E-10	-0.776925	-25.586735	
1.00000	-3.97E-10	-4.538625	-0.137813	8.00E-10	-0.001034	-0.034040	

COMB UEB16 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.00000	-4.18E-10	-509.600000	6.17E-14	1.01E-30	4.94E-14		

-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 500

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 UEB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
6.17E-14 2.08E-30 4.94E-14
-407.680000
0.25000 -4.25E-10 -383.394375
4.64E-14 2.08E-30 2.79E-14
-230.755489
0.50000 -4.25E-10 -257.188750
3.11E-14 2.08E-30 1.26E-14
-103.839958
0.75000 -4.25E-10 -130.983125
1.59E-14 2.08E-30 3.26E-15
-26.933405
1.00000 -4.25E-10 -4.777500
5.79E-16 2.08E-30 4.34E-18
-0.035831

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
6.17E-14 2.08E-30 4.94E-14
-407.680000
0.25000 -4.25E-10 -383.394375
4.64E-14 2.08E-30 2.79E-14
-230.755489
0.50000 -4.25E-10 -257.188750
3.11E-14 2.08E-30 1.26E-14
-103.839958
0.75000 -4.25E-10 -130.983125
1.59E-14 2.08E-30 3.26E-15
-26.933405
1.00000 -4.25E-10 -4.777500
5.79E-16 2.08E-30 4.34E-18
-0.035831

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.77E-10 -458.640000
-28.224000 1.54E-09 -22.579200
-366.912000
0.25000 -3.77E-10 -345.054938
-21.234150 1.54E-09 -12.780304
-207.679941
0.50000 -3.77E-10 -231.469875
-14.244300 1.54E-09 -5.751136
-93.455962
0.75000 -3.77E-10 -117.884813
-7.254450 1.54E-09 -1.491696
-24.240065
1.00000 -3.77E-10 -4.299750
-0.264600 1.54E-09 -0.001985
-0.032248

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.77E-10 -458.640000
-28.224000 1.54E-09 -22.579200
-366.912000
0.25000 -3.77E-10 -345.054938
-21.234150 1.54E-09 -12.780304
-207.679941
0.50000 -3.77E-10 -231.469875
-14.244300 1.54E-09 -5.751136
-93.455962
0.75000 -3.77E-10 -117.884813
-7.254450 1.54E-09 -1.491696
-24.240065
1.00000 -3.77E-10 -4.299750
-0.264600 1.54E-09 -0.001985
-0.032248

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831

COMB SVO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 501

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.82E-08 -509.600000
6.17E-14 3.89E-29 4.94E-14
-407.680000
0.25000 -5.82E-08 -383.394375
4.64E-14 3.89E-29 2.79E-14
-230.755489
0.50000 -5.82E-08 -257.188750
3.11E-14 3.89E-29 1.26E-14
-103.839958
0.75000 -5.82E-08 -130.983125
1.59E-14 3.89E-29 3.26E-15
-26.933405
1.00000 -5.82E-08 -4.777500
5.79E-16 3.89E-29 4.34E-18
-0.035831

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.82E-08 -509.600000
6.17E-14 3.89E-29 4.94E-14
-407.680000
0.25000 -5.82E-08 -383.394375
4.64E-14 3.89E-29 2.79E-14
-230.755489
0.50000 -5.82E-08 -257.188750
3.11E-14 3.89E-29 1.26E-14
-103.839958
0.75000 -5.82E-08 -130.983125
1.59E-14 3.89E-29 3.26E-15
-26.933405
1.00000 -5.82E-08 -4.777500
5.79E-16 3.89E-29 4.34E-18
-0.035831

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.55E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.55E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.55E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.55E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.55E-29 4.34E-18
-0.035831

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.55E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.55E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.55E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.55E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.55E-29 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 502

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 SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.47E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.47E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.47E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.47E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.47E-29 4.34E-18
-0.035831

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.47E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.47E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.47E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.47E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.47E-29 4.34E-18
-0.035831

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -2.75E-09 -509.600000
6.17E-14 1.96E-30 4.94E-14
-407.680000
0.25000 -2.75E-09 -383.394375
4.64E-14 1.96E-30 2.79E-14
-230.755489
0.50000 -2.75E-09 -257.188750
3.11E-14 1.96E-30 1.26E-14
-103.839958
0.75000 -2.75E-09 -130.983125
1.59E-14 1.96E-30 3.26E-15
-26.933405
1.00000 -2.75E-09 -4.777500
5.79E-16 1.96E-30 4.34E-18
-0.035831

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -2.75E-09 -509.600000
6.17E-14 1.96E-30 4.94E-14
-407.680000
0.25000 -2.75E-09 -383.394375
4.64E-14 1.96E-30 2.79E-14
-230.755489
0.50000 -2.75E-09 -257.188750
3.11E-14 1.96E-30 1.26E-14
-103.839958
0.75000 -2.75E-09 -130.983125
1.59E-14 1.96E-30 3.26E-15
-26.933405
1.00000 -2.75E-09 -4.777500
5.79E-16 1.96E-30 4.34E-18
-0.035831

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375
4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.24E-10 -509.600000
6.17E-14 1.83E-30 4.94E-14
-407.680000
0.25000 -4.24E-10 -383.394375

4.64E-14 1.83E-30 2.79E-14
-230.755489
0.50000 -4.24E-10 -257.188750
3.11E-14 1.83E-30 1.26E-14
-103.839958
0.75000 -4.24E-10 -130.983125
1.59E-14 1.83E-30 3.26E-15
-26.933405
1.00000 -4.24E-10 -4.777500
5.79E-16 1.83E-30 4.34E-18
-0.035831

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -2.75E-09 -509.600000
6.17E-14 1.13E-30 4.94E-14
-407.680000
0.25000 -2.75E-09 -383.394375
4.64E-14 1.13E-30 2.79E-14
-230.755489
0.50000 -2.75E-09 -257.188750
3.11E-14 1.13E-30 1.26E-14
-103.839958
0.75000 -2.75E-09 -130.983125
1.59E-14 1.13E-30 3.26E-15
-26.933405
1.00000 -2.75E-09 -4.777500
5.79E-16 1.13E-30 4.34E-18
-0.035831

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -2.75E-09 -509.600000
6.17E-14 1.13E-30 4.94E-14
-407.680000
0.25000 -2.75E-09 -383.394375
4.64E-14 1.13E-30 2.79E-14
-230.755489
0.50000 -2.75E-09 -257.188750
3.11E-14 1.13E-30 1.26E-14
-103.839958
0.75000 -2.75E-09 -130.983125
1.59E-14 1.13E-30 3.26E-15
-26.933405
1.00000 -2.75E-09 -4.777500
5.79E-16 1.13E-30 4.34E-18
-0.035831

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.05E-08 -509.600000
6.17E-14 3.90E-29 4.94E-14
-407.680000
0.25000 -6.05E-08 -383.394375
4.64E-14 3.90E-29 2.79E-14
-230.755489
0.50000 -6.05E-08 -257.188750
3.11E-14 3.90E-29 1.26E-14
-103.839958
0.75000 -6.05E-08 -130.983125
1.59E-14 3.90E-29 3.26E-15
-26.933405
1.00000 -6.05E-08 -4.777500
5.79E-16 3.90E-29 4.34E-18
-0.035831

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.05E-08 -509.600000
6.17E-14 3.90E-29 4.94E-14
-407.680000
0.25000 -6.05E-08 -383.394375
4.64E-14 3.90E-29 2.79E-14
-230.755489
0.50000 -6.05E-08 -257.188750
3.11E-14 3.90E-29 1.26E-14
-103.839958
0.75000 -6.05E-08 -130.983125
1.59E-14 3.90E-29 3.26E-15
-26.933405
1.00000 -6.05E-08 -4.777500
5.79E-16 3.90E-29 4.34E-18
-0.035831

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 SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.82E-08 -509.600000
6.17E-14 3.89E-29 4.94E-14
-407.680000
0.25000 -5.82E-08 -383.394375
4.64E-14 3.89E-29 2.79E-14
-230.755489
0.50000 -5.82E-08 -257.188750
3.11E-14 3.89E-29 1.26E-14
-103.839958
0.75000 -5.82E-08 -130.983125
1.59E-14 3.89E-29 3.26E-15
-26.933405
1.00000 -5.82E-08 -4.777500
5.79E-16 3.89E-29 4.34E-18
-0.035831

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.82E-08 -509.600000
6.17E-14 3.89E-29 4.94E-14
-407.680000
0.25000 -5.82E-08 -383.394375
4.64E-14 3.89E-29 2.79E-14
-230.755489
0.50000 -5.82E-08 -257.188750
3.11E-14 3.89E-29 1.26E-14
-103.839958
0.75000 -5.82E-08 -130.983125
1.59E-14 3.89E-29 3.26E-15
-26.933405
1.00000 -5.82E-08 -4.777500
5.79E-16 3.89E-29 4.34E-18
-0.035831

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.66E-08 -509.600000
6.17E-14 2.56E-29 4.94E-14
-407.680000
0.25000 -3.66E-08 -383.394375
4.64E-14 2.56E-29 2.79E-14
-230.755489
0.50000 -3.66E-08 -257.188750
3.11E-14 2.56E-29 1.26E-14
-103.839958
0.75000 -3.66E-08 -130.983125
1.59E-14 2.56E-29 3.26E-15
-26.933405
1.00000 -3.66E-08 -4.777500
5.79E-16 2.56E-29 4.34E-18
-0.035831

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.66E-08 -509.600000
6.17E-14 2.56E-29 4.94E-14
-407.680000
0.25000 -3.66E-08 -383.394375
4.64E-14 2.56E-29 2.79E-14
-230.755489
0.50000 -3.66E-08 -257.188750
3.11E-14 2.56E-29 1.26E-14
-103.839958
0.75000 -3.66E-08 -130.983125
1.59E-14 2.56E-29 3.26E-15
-26.933405
1.00000 -3.66E-08 -4.777500
5.79E-16 2.56E-29 4.34E-18
-0.035831

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.55E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.55E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.55E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.55E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.55E-29 4.34E-18
-0.035831

COMB SVO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.55E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.55E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.55E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.55E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.55E-29 4.34E-18
-0.035831

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 SVO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.66E-08 -509.600000
6.17E-14 2.48E-29 4.94E-14
-407.680000
0.25000 -3.66E-08 -383.394375
4.64E-14 2.48E-29 2.79E-14
-230.755489
0.50000 -3.66E-08 -257.188750
3.11E-14 2.48E-29 1.26E-14
-103.839958
0.75000 -3.66E-08 -130.983125
1.59E-14 2.48E-29 3.26E-15
-26.933405
1.00000 -3.66E-08 -4.777500
5.79E-16 2.48E-29 4.34E-18
-0.035831

COMB SVO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.66E-08 -509.600000
6.17E-14 2.48E-29 4.94E-14
-407.680000
0.25000 -3.66E-08 -383.394375
4.64E-14 2.48E-29 2.79E-14
-230.755489
0.50000 -3.66E-08 -257.188750
3.11E-14 2.48E-29 1.26E-14
-103.839958
0.75000 -3.66E-08 -130.983125
1.59E-14 2.48E-29 3.26E-15
-26.933405
1.00000 -3.66E-08 -4.777500
5.79E-16 2.48E-29 4.34E-18
-0.035831

COMB SVO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.47E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.47E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.47E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.47E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.47E-29 4.34E-18
-0.035831

COMB SVO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.43E-08 -509.600000
6.17E-14 2.47E-29 4.94E-14
-407.680000
0.25000 -3.43E-08 -383.394375
4.64E-14 2.47E-29 2.79E-14
-230.755489
0.50000 -3.43E-08 -257.188750
3.11E-14 2.47E-29 1.26E-14
-103.839958
0.75000 -3.43E-08 -130.983125
1.59E-14 2.47E-29 3.26E-15
-26.933405
1.00000 -3.43E-08 -4.777500
5.79E-16 2.47E-29 4.34E-18
-0.035831

COMB ULO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.55E-10 -662.480000
8.02E-14 3.08E-30 6.42E-14
-529.984000
0.25000 -5.55E-10 -498.412688
6.04E-14 3.08E-30 3.63E-14
-299.982136
0.50000 -5.55E-10 -334.345375
4.05E-14 3.08E-30 1.63E-14
-134.991945
0.75000 -5.55E-10 -170.278063
2.06E-14 3.08E-30 4.24E-15
-35.013427
1.00000 -5.55E-10 -6.210750
7.52E-16 3.08E-30 5.64E-18
-0.046581

COMB ULO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.55E-10 -662.480000
8.02E-14 3.08E-30 6.42E-14
-529.984000
0.25000 -5.55E-10 -498.412688
6.04E-14 3.08E-30 3.63E-14
-299.982136
0.50000 -5.55E-10 -334.345375
4.05E-14 3.08E-30 1.63E-14
-134.991945
0.75000 -5.55E-10 -170.278063
2.06E-14 3.08E-30 4.24E-15
-35.013427
1.00000 -5.55E-10 -6.210750
7.52E-16 3.08E-30 5.64E-18
-0.046581

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 ULO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	1.31E-30	6.42E-14
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	1.31E-30	3.63E-14
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	1.31E-30	1.63E-14
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	1.31E-30	4.24E-15
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	1.31E-30	5.64E-18
-0.046581		

COMB ULO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	1.31E-30	6.42E-14
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	1.31E-30	3.63E-14
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	1.31E-30	1.63E-14
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	1.31E-30	4.24E-15
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	1.31E-30	5.64E-18
-0.046581		

COMB ULO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.56E-08	-662.480000
8.02E-14	5.05E-29	6.42E-14
-529.984000		
0.25000	-7.56E-08	-498.412688
6.04E-14	5.05E-29	3.63E-14
-299.982136		
0.50000	-7.56E-08	-334.345375
4.05E-14	5.05E-29	1.63E-14
-134.991945		
0.75000	-7.56E-08	-170.278063
2.06E-14	5.05E-29	4.24E-15
-35.013427		
1.00000	-7.56E-08	-6.210750
7.52E-16	5.05E-29	5.64E-18
-0.046581		

COMB ULO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.56E-08	-662.480000
8.02E-14	5.05E-29	6.42E-14
-529.984000		
0.25000	-7.56E-08	-498.412688
6.04E-14	5.05E-29	3.63E-14
-299.982136		
0.50000	-7.56E-08	-334.345375
4.05E-14	5.05E-29	1.63E-14
-134.991945		
0.75000	-7.56E-08	-170.278063
2.06E-14	5.05E-29	4.24E-15
-35.013427		
1.00000	-7.56E-08	-6.210750
7.52E-16	5.05E-29	5.64E-18
-0.046581		

COMB ULO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-4.46E-08	-662.480000
8.02E-14	3.31E-29	6.42E-14
-529.984000		
0.25000	-4.46E-08	-498.412688
6.04E-14	3.31E-29	3.63E-14
-299.982136		
0.50000	-4.46E-08	-334.345375
4.05E-14	3.31E-29	1.63E-14
-134.991945		
0.75000	-4.46E-08	-170.278063
2.06E-14	3.31E-29	4.24E-15
-35.013427		
1.00000	-4.46E-08	-6.210750
7.52E-16	3.31E-29	5.64E-18
-0.046581		

COMB ULO04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-4.46E-08	-662.480000
8.02E-14	3.31E-29	6.42E-14
-529.984000		
0.25000	-4.46E-08	-498.412688
6.04E-14	3.31E-29	3.63E-14
-299.982136		
0.50000	-4.46E-08	-334.345375
4.05E-14	3.31E-29	1.63E-14
-134.991945		
0.75000	-4.46E-08	-170.278063
2.06E-14	3.31E-29	4.24E-15
-35.013427		
1.00000	-4.46E-08	-6.210750
7.52E-16	3.31E-29	5.64E-18
-0.046581		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 507

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 ULO05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-4.46E-08	-662.480000
8.02E-14	3.21E-29	6.42E-14
-529.984000		
0.25000	-4.46E-08	-498.412688
6.04E-14	3.21E-29	3.63E-14
-299.982136		
0.50000	-4.46E-08	-334.345375
4.05E-14	3.21E-29	1.63E-14
-134.991945		
0.75000	-4.46E-08	-170.278063
2.06E-14	3.21E-29	4.24E-15
-35.013427		
1.00000	-4.46E-08	-6.210750
7.52E-16	3.21E-29	5.64E-18
-0.046581		

COMB ULO05 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-4.46E-08	-662.480000
8.02E-14	3.21E-29	6.42E-14
-529.984000		
0.25000	-4.46E-08	-498.412688
6.04E-14	3.21E-29	3.63E-14
-299.982136		
0.50000	-4.46E-08	-334.345375
4.05E-14	3.21E-29	1.63E-14
-134.991945		
0.75000	-4.46E-08	-170.278063
2.06E-14	3.21E-29	4.24E-15
-35.013427		
1.00000	-4.46E-08	-6.210750
7.52E-16	3.21E-29	5.64E-18
-0.046581		

COMB ULO06 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-3.58E-09	-662.480000
8.02E-14	2.54E-30	6.42E-14
-529.984000		
0.25000	-3.58E-09	-498.412688
6.04E-14	2.54E-30	3.63E-14
-299.982136		
0.50000	-3.58E-09	-334.345375
4.05E-14	2.54E-30	1.63E-14
-134.991945		
0.75000	-3.58E-09	-170.278063
2.06E-14	2.54E-30	4.24E-15
-35.013427		
1.00000	-3.58E-09	-6.210750
7.52E-16	2.54E-30	5.64E-18
-0.046581		

COMB ULO06 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-3.58E-09	-662.480000
8.02E-14	2.54E-30	6.42E-14
-529.984000		
0.25000	-3.58E-09	-498.412688
6.04E-14	2.54E-30	3.63E-14
-299.982136		
0.50000	-3.58E-09	-334.345375
4.05E-14	2.54E-30	1.63E-14
-134.991945		
0.75000	-3.58E-09	-170.278063
2.06E-14	2.54E-30	4.24E-15
-35.013427		
1.00000	-3.58E-09	-6.210750
7.52E-16	2.54E-30	5.64E-18
-0.046581		

COMB ULO07 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-5.51E-10	-662.480000
8.02E-14	2.38E-30	6.42E-14
-529.984000		
0.25000	-5.51E-10	-498.412688
6.04E-14	2.38E-30	3.63E-14
-299.982136		
0.50000	-5.51E-10	-334.345375
4.05E-14	2.38E-30	1.63E-14
-134.991945		
0.75000	-5.51E-10	-170.278063
2.06E-14	2.38E-30	4.24E-15
-35.013427		
1.00000	-5.51E-10	-6.210750
7.52E-16	2.38E-30	5.64E-18
-0.046581		

COMB ULO07 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-5.51E-10	-662.480000
8.02E-14	2.38E-30	6.42E-14
-529.984000		
0.25000	-5.51E-10	-498.412688
6.04E-14	2.38E-30	3.63E-14
-299.982136		
0.50000	-5.51E-10	-334.345375
4.05E-14	2.38E-30	1.63E-14
-134.991945		
0.75000	-5.51E-10	-170.278063
2.06E-14	2.38E-30	4.24E-15
-35.013427		
1.00000	-5.51E-10	-6.210750
7.52E-16	2.38E-30	5.64E-18
-0.046581		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 508

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 ULO08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-3.57E-09	-662.480000
8.02E-14	1.47E-30	6.42E-14
-529.984000		
0.25000	-3.57E-09	-498.412688
6.04E-14	1.47E-30	3.63E-14
-299.982136		
0.50000	-3.57E-09	-334.345375
4.05E-14	1.47E-30	1.63E-14
-134.991945		
0.75000	-3.57E-09	-170.278063
2.06E-14	1.47E-30	4.24E-15
-35.013427		
1.00000	-3.57E-09	-6.210750
7.52E-16	1.47E-30	5.64E-18
-0.046581		

COMB ULO08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-3.57E-09	-662.480000
8.02E-14	1.47E-30	6.42E-14
-529.984000		
0.25000	-3.57E-09	-498.412688
6.04E-14	1.47E-30	3.63E-14
-299.982136		
0.50000	-3.57E-09	-334.345375
4.05E-14	1.47E-30	1.63E-14
-134.991945		
0.75000	-3.57E-09	-170.278063
2.06E-14	1.47E-30	4.24E-15
-35.013427		
1.00000	-3.57E-09	-6.210750
7.52E-16	1.47E-30	5.64E-18
-0.046581		

COMB ULO09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	1.31E-30	6.42E-14
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	1.31E-30	3.63E-14
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	1.31E-30	1.63E-14
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	1.31E-30	4.24E-15
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	1.31E-30	5.64E-18
-0.046581		

COMB ULO09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-5.44E-10	-662.480000
8.02E-14	1.31E-30	6.42E-14
-529.984000		
0.25000	-5.44E-10	-498.412688
6.04E-14	1.31E-30	3.63E-14
-299.982136		
0.50000	-5.44E-10	-334.345375
4.05E-14	1.31E-30	1.63E-14
-134.991945		
0.75000	-5.44E-10	-170.278063
2.06E-14	1.31E-30	4.24E-15
-35.013427		
1.00000	-5.44E-10	-6.210750
7.52E-16	1.31E-30	5.64E-18
-0.046581		

COMB ULO10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.56E-08	-637.000000
7.71E-14	4.87E-29	6.17E-14
-509.600000		
0.25000	-7.56E-08	-479.242969
5.80E-14	4.87E-29	3.49E-14
-288.444362		
0.50000	-7.56E-08	-321.485938
3.89E-14	4.87E-29	1.57E-14
-129.799947		
0.75000	-7.56E-08	-163.728906
1.98E-14	4.87E-29	4.08E-15
-33.666756		
1.00000	-7.56E-08	-5.971875
7.23E-16	4.87E-29	5.42E-18
-0.044789		

COMB ULO10 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.56E-08	-637.000000
7.71E-14	4.87E-29	6.17E-14
-509.600000		
0.25000	-7.56E-08	-479.242969
5.80E-14	4.87E-29	3.49E-14
-288.444362		
0.50000	-7.56E-08	-321.485938
3.89E-14	4.87E-29	1.57E-14
-129.799947		
0.75000	-7.56E-08	-163.728906
1.98E-14	4.87E-29	4.08E-15
-33.666756		
1.00000	-7.56E-08	-5.971875
7.23E-16	4.87E-29	5.42E-18
-0.044789		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 509

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 ULO11 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.00000	-7.27E-08	-637.000000
7.71E-14	4.86E-29	6.17E-14
-509.600000		
0.25000	-7.27E-08	-479.242969
5.80E-14	4.86E-29	3.49E-14
-288.444362		
0.50000	-7.27E-08	-321.485938
3.89E-14	4.86E-29	1.57E-14
-129.799947		
0.75000	-7.27E-08	-163.728906
1.98E-14	4.86E-29	4.08E-15
-33.666756		
1.00000	-7.27E-08	-5.971875
7.23E-16	4.86E-29	5.42E-18
-0.044789		

COMB ULO11 ----------
MIN

REL DIST	P	V2

V3 T M2 M3
0.00000 -7.27E-08 -637.000000
7.71E-14 4.86E-29 6.17E-14
-509.600000
0.25000 -7.27E-08 -479.242969
5.80E-14 4.86E-29 3.49E-14
-288.444362
0.50000 -7.27E-08 -321.485938
3.89E-14 4.86E-29 1.57E-14
-129.799947
0.75000 -7.27E-08 -163.728906
1.98E-14 4.86E-29 4.08E-15
-33.666756
1.00000 -7.27E-08 -5.971875
7.23E-16 4.86E-29 5.42E-18
-0.044789

COMB ULO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.58E-08 -637.000000
7.71E-14 3.20E-29 6.17E-14
-509.600000
0.25000 -4.58E-08 -479.242969
5.80E-14 3.20E-29 3.49E-14
-288.444362
0.50000 -4.58E-08 -321.485938
3.89E-14 3.20E-29 1.57E-14
-129.799947
0.75000 -4.58E-08 -163.728906
1.98E-14 3.20E-29 4.08E-15
-33.666756
1.00000 -4.58E-08 -5.971875
7.23E-16 3.20E-29 5.42E-18
-0.044789

COMB ULO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.58E-08 -637.000000
7.71E-14 3.20E-29 6.17E-14
-509.600000
0.25000 -4.58E-08 -479.242969
5.80E-14 3.20E-29 3.49E-14
-288.444362
0.50000 -4.58E-08 -321.485938
3.89E-14 3.20E-29 1.57E-14
-129.799947
0.75000 -4.58E-08 -163.728906
1.98E-14 3.20E-29 4.08E-15
-33.666756
1.00000 -4.58E-08 -5.971875
7.23E-16 3.20E-29 5.42E-18
-0.044789

COMB ULO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.29E-08 -637.000000
7.71E-14 3.19E-29 6.17E-14
-509.600000
0.25000 -4.29E-08 -479.242969
5.80E-14 3.19E-29 3.49E-14
-288.444362
0.50000 -4.29E-08 -321.485938
3.89E-14 3.19E-29 1.57E-14
-129.799947
0.75000 -4.29E-08 -163.728906
1.98E-14 3.19E-29 4.08E-15
-33.666756
1.00000 -4.29E-08 -5.971875
7.23E-16 3.19E-29 5.42E-18
-0.044789

COMB ULO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.29E-08 -637.000000
7.71E-14 3.19E-29 6.17E-14
-509.600000
0.25000 -4.29E-08 -479.242969
5.80E-14 3.19E-29 3.49E-14
-288.444362
0.50000 -4.29E-08 -321.485938
3.89E-14 3.19E-29 1.57E-14
-129.799947
0.75000 -4.29E-08 -163.728906
1.98E-14 3.19E-29 4.08E-15
-33.666756
1.00000 -4.29E-08 -5.971875
7.23E-16 3.19E-29 5.42E-18
-0.044789
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 510

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 ULO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.58E-08 -637.000000
7.71E-14 3.10E-29 6.17E-14
-509.600000
0.25000 -4.58E-08 -479.242969
5.80E-14 3.10E-29 3.49E-14
-288.444362
0.50000 -4.58E-08 -321.485938
3.89E-14 3.10E-29 1.57E-14
-129.799947
0.75000 -4.58E-08 -163.728906
1.98E-14 3.10E-29 4.08E-15
-33.666756
1.00000 -4.58E-08 -5.971875
7.23E-16 3.10E-29 5.42E-18
-0.044789

COMB ULO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.58E-08 -637.000000
7.71E-14 3.10E-29 6.17E-14
-509.600000
0.25000 -4.58E-08 -479.242969
5.80E-14 3.10E-29 3.49E-14
-288.444362
0.50000 -4.58E-08 -321.485938
3.89E-14 3.10E-29 1.57E-14
-129.799947
0.75000 -4.58E-08 -163.728906
1.98E-14 3.10E-29 4.08E-15
-33.666756
1.00000 -4.58E-08 -5.971875
7.23E-16 3.10E-29 5.42E-18
-0.044789

COMB ULO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.29E-08 -637.000000
7.71E-14 3.08E-29 6.17E-14
-509.600000
0.25000 -4.29E-08 -479.242969
5.80E-14 3.08E-29 3.49E-14
-288.444362
0.50000 -4.29E-08 -321.485938
3.89E-14 3.08E-29 1.57E-14
-129.799947
0.75000 -4.29E-08 -163.728906
1.98E-14 3.08E-29 4.08E-15
-33.666756
1.00000 -4.29E-08 -5.971875
7.23E-16 3.08E-29 5.42E-18
-0.044789

COMB ULO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.29E-08 -637.000000
7.71E-14 3.08E-29 6.17E-14
-509.600000
0.25000 -4.29E-08 -479.242969
5.80E-14 3.08E-29 3.49E-14
-288.444362
0.50000 -4.29E-08 -321.485938
3.89E-14 3.08E-29 1.57E-14
-129.799947
0.75000 -4.29E-08 -163.728906
1.98E-14 3.08E-29 4.08E-15
-33.666756
1.00000 -4.29E-08 -5.971875
7.23E-16 3.08E-29 5.42E-18
-0.044789

COMB ULO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB ULO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 511

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 ULO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.51E-10 -662.480000
8.02E-14 2.38E-30 6.42E-14
-529.984000
0.25000 -5.51E-10 -498.412688
6.04E-14 2.38E-30 3.63E-14
-299.982136
0.50000 -5.51E-10 -334.345375
4.05E-14 2.38E-30 1.63E-14
-134.991945
0.75000 -5.51E-10 -170.278063
2.06E-14 2.38E-30 4.24E-15
-35.013427
1.00000 -5.51E-10 -6.210750
7.52E-16 2.38E-30 5.64E-18
-0.046581

COMB ULO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.51E-10 -662.480000
8.02E-14 2.38E-30 6.42E-14
-529.984000
0.25000 -5.51E-10 -498.412688
6.04E-14 2.38E-30 3.63E-14
-299.982136
0.50000 -5.51E-10 -334.345375
4.05E-14 2.38E-30 1.63E-14
-134.991945
0.75000 -5.51E-10 -170.278063
2.06E-14 2.38E-30 4.24E-15
-35.013427
1.00000 -5.51E-10 -6.210750
7.52E-16 2.38E-30 5.64E-18
-0.046581

COMB ULO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.98E-08 -611.520000
7.41E-14 4.67E-29 5.92E-14
-489.216000
0.25000 -6.98E-08 -460.073250
5.57E-14 4.67E-29 3.35E-14
-276.906587
0.50000 -6.98E-08 -308.626500
3.74E-14 4.67E-29 1.51E-14
-124.607949
0.75000 -6.98E-08 -157.179750
1.90E-14 4.67E-29 3.91E-15
-32.320086
1.00000 -6.98E-08 -5.733000
6.94E-16 4.67E-29 5.21E-18
-0.042998

COMB ULO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.98E-08 -611.520000
7.41E-14 4.67E-29 5.92E-14
-489.216000
0.25000 -6.98E-08 -460.073250
5.57E-14 4.67E-29 3.35E-14
-276.906587
0.50000 -6.98E-08 -308.626500
3.74E-14 4.67E-29 1.51E-14
-124.607949
0.75000 -6.98E-08 -157.179750
1.90E-14 4.67E-29 3.91E-15
-32.320086
1.00000 -6.98E-08 -5.733000
6.94E-16 4.67E-29 5.21E-18
-0.042998

COMB UEO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.30E-10 -509.600000
6.17E-14 2.78E-30 4.94E-14
-407.680000
0.25000 -4.30E-10 -383.394375
4.64E-14 2.78E-30 2.79E-14
-230.755489
0.50000 -4.30E-10 -257.188750
3.11E-14 2.78E-30 1.26E-14
-103.839958
0.75000 -4.30E-10 -130.983125
1.59E-14 2.78E-30 3.26E-15
-26.933405
1.00000 -4.30E-10 -4.777500
5.79E-16 2.78E-30 4.34E-18
-0.035831

COMB UEO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.30E-10 -509.600000
6.17E-14 2.78E-30 4.94E-14
-407.680000
0.25000 -4.30E-10 -383.394375
4.64E-14 2.78E-30 2.79E-14
-230.755489
0.50000 -4.30E-10 -257.188750
3.11E-14 2.78E-30 1.26E-14
-103.839958
0.75000 -4.30E-10 -130.983125
1.59E-14 2.78E-30 3.26E-15
-26.933405
1.00000 -4.30E-10 -4.777500
5.79E-16 2.78E-30 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 512

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 UEO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.55E-08 -509.600000

6.17E-14 5.02E-29 4.94E-14
-407.680000
0.25000 -7.55E-08 -383.394375
4.64E-14 5.02E-29 2.79E-14
-230.755489
0.50000 -7.55E-08 -257.188750
3.11E-14 5.02E-29 1.26E-14
-103.839958
0.75000 -7.55E-08 -130.983125
1.59E-14 5.02E-29 3.26E-15
-26.933405
1.00000 -7.55E-08 -4.777500
5.79E-16 5.02E-29 4.34E-18
-0.035831

COMB UEO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.55E-08 -509.600000
6.17E-14 5.02E-29 4.94E-14
-407.680000
0.25000 -7.55E-08 -383.394375
4.64E-14 5.02E-29 2.79E-14
-230.755489
0.50000 -7.55E-08 -257.188750
3.11E-14 5.02E-29 1.26E-14
-103.839958
0.75000 -7.55E-08 -130.983125
1.59E-14 5.02E-29 3.26E-15
-26.933405
1.00000 -7.55E-08 -4.777500
5.79E-16 5.02E-29 4.34E-18
-0.035831

COMB UEO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.45E-08 -509.600000
6.17E-14 3.28E-29 4.94E-14
-407.680000
0.25000 -4.45E-08 -383.394375
4.64E-14 3.28E-29 2.79E-14
-230.755489
0.50000 -4.45E-08 -257.188750
3.11E-14 3.28E-29 1.26E-14
-103.839958
0.75000 -4.45E-08 -130.983125
1.59E-14 3.28E-29 3.26E-15
-26.933405
1.00000 -4.45E-08 -4.777500
5.79E-16 3.28E-29 4.34E-18
-0.035831

COMB UEO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.45E-08 -509.600000
6.17E-14 3.28E-29 4.94E-14
-407.680000
0.25000 -4.45E-08 -383.394375
4.64E-14 3.28E-29 2.79E-14
-230.755489
0.50000 -4.45E-08 -257.188750
3.11E-14 3.28E-29 1.26E-14
-103.839958
0.75000 -4.45E-08 -130.983125
1.59E-14 3.28E-29 3.26E-15
-26.933405
1.00000 -4.45E-08 -4.777500
5.79E-16 3.28E-29 4.34E-18
-0.035831

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 513

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 UEO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.45E-08 -509.600000
6.17E-14 3.18E-29 4.94E-14
-407.680000
0.25000 -4.45E-08 -383.394375
4.64E-14 3.18E-29 2.79E-14
-230.755489
0.50000 -4.45E-08 -257.188750
3.11E-14 3.18E-29 1.26E-14
-103.839958
0.75000 -4.45E-08 -130.983125
1.59E-14 3.18E-29 3.26E-15
-26.933405
1.00000 -4.45E-08 -4.777500
5.79E-16 3.18E-29 4.34E-18
-0.035831

COMB UEO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.45E-08 -509.600000
6.17E-14 3.18E-29 4.94E-14
-407.680000
0.25000 -4.45E-08 -383.394375
4.64E-14 3.18E-29 2.79E-14
-230.755489
0.50000 -4.45E-08 -257.188750
3.11E-14 3.18E-29 1.26E-14
-103.839958
0.75000 -4.45E-08 -130.983125
1.59E-14 3.18E-29 3.26E-15
-26.933405
1.00000 -4.45E-08 -4.777500
5.79E-16 3.18E-29 4.34E-18
-0.035831

COMB UEO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.45E-09 -509.600000
6.17E-14 2.24E-30 4.94E-14
-407.680000
0.25000 -3.45E-09 -383.394375
4.64E-14 2.24E-30 2.79E-14
-230.755489
0.50000 -3.45E-09 -257.188750
3.11E-14 2.24E-30 1.26E-14
-103.839958
0.75000 -3.45E-09 -130.983125
1.59E-14 2.24E-30 3.26E-15
-26.933405
1.00000 -3.45E-09 -4.777500
5.79E-16 2.24E-30 4.34E-18
-0.035831

COMB UEO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.45E-09 -509.600000
6.17E-14 2.24E-30 4.94E-14
-407.680000
0.25000 -3.45E-09 -383.394375
4.64E-14 2.24E-30 2.79E-14
-230.755489
0.50000 -3.45E-09 -257.188750
3.11E-14 2.24E-30 1.26E-14
-103.839958
0.75000 -3.45E-09 -130.983125
1.59E-14 2.24E-30 3.26E-15
-26.933405
1.00000 -3.45E-09 -4.777500
5.79E-16 2.24E-30 4.34E-18
-0.035831

COMB UEO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
6.17E-14 2.08E-30 4.94E-14
-407.680000
0.25000 -4.25E-10 -383.394375
4.64E-14 2.08E-30 2.79E-14
-230.755489
0.50000 -4.25E-10 -257.188750
3.11E-14 2.08E-30 1.26E-14
-103.839958
0.75000 -4.25E-10 -130.983125
1.59E-14 2.08E-30 3.26E-15
-26.933405
1.00000 -4.25E-10 -4.777500
5.79E-16 2.08E-30 4.34E-18
-0.035831

COMB UEO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
6.17E-14 2.08E-30 4.94E-14
-407.680000
0.25000 -4.25E-10 -383.394375
4.64E-14 2.08E-30 2.79E-14
-230.755489
0.50000 -4.25E-10 -257.188750
3.11E-14 2.08E-30 1.26E-14
-103.839958
0.75000 -4.25E-10 -130.983125
1.59E-14 2.08E-30 3.26E-15
-26.933405
1.00000 -4.25E-10 -4.777500
5.79E-16 2.08E-30 4.34E-18
-0.035831

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 514

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 UEO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -3.45E-09 -509.600000
6.17E-14 1.17E-30 4.94E-14
-407.680000
0.25000 -3.45E-09 -383.394375
4.64E-14 1.17E-30 2.79E-14
-230.755489
0.50000 -3.45E-09 -257.188750
3.11E-14 1.17E-30 1.26E-14
-103.839958
0.75000 -3.45E-09 -130.983125
1.59E-14 1.17E-30 3.26E-15
-26.933405
1.00000 -3.45E-09 -4.777500
5.79E-16 1.17E-30 4.34E-18
-0.035831

COMB UEO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -3.45E-09 -509.600000
6.17E-14 1.17E-30 4.94E-14
-407.680000
0.25000 -3.45E-09 -383.394375
4.64E-14 1.17E-30 2.79E-14
-230.755489
0.50000 -3.45E-09 -257.188750
3.11E-14 1.17E-30 1.26E-14
-103.839958
0.75000 -3.45E-09 -130.983125
1.59E-14 1.17E-30 3.26E-15
-26.933405
1.00000 -3.45E-09 -4.777500
5.79E-16 1.17E-30 4.34E-18
-0.035831

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.55E-08 -484.120000
5.86E-14 4.84E-29 4.69E-14
-387.296000
0.25000 -7.55E-08 -364.224656
4.41E-14 4.84E-29 2.65E-14
-219.217715
0.50000 -7.55E-08 -244.329313
2.96E-14 4.84E-29 1.19E-14
-98.647960
0.75000 -7.55E-08 -124.433969
1.51E-14 4.84E-29 3.10E-15
-25.586735
1.00000 -7.55E-08 -4.538625
5.50E-16 4.84E-29 4.12E-18
-0.034040

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.55E-08 -484.120000
5.86E-14 4.84E-29 4.69E-14
-387.296000
0.25000 -7.55E-08 -364.224656
4.41E-14 4.84E-29 2.65E-14
-219.217715
0.50000 -7.55E-08 -244.329313
2.96E-14 4.84E-29 1.19E-14
-98.647960
0.75000 -7.55E-08 -124.433969
1.51E-14 4.84E-29 3.10E-15
-25.586735
1.00000 -7.55E-08 -4.538625
5.50E-16 4.84E-29 4.12E-18
-0.034040

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 515

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.26E-08 -484.120000
5.86E-14 4.83E-29 4.69E-14
-387.296000
0.25000 -7.26E-08 -364.224656
4.41E-14 4.83E-29 2.65E-14
-219.217715
0.50000 -7.26E-08 -244.329313
2.96E-14 4.83E-29 1.19E-14
-98.647960
0.75000 -7.26E-08 -124.433969
1.51E-14 4.83E-29 3.10E-15
-25.586735
1.00000 -7.26E-08 -4.538625
5.50E-16 4.83E-29 4.12E-18
-0.034040

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.26E-08 -484.120000
5.86E-14 4.83E-29 4.69E-14
-387.296000
0.25000 -7.26E-08 -364.224656
4.41E-14 4.83E-29 2.65E-14
-219.217715
0.50000 -7.26E-08 -244.329313
2.96E-14 4.83E-29 1.19E-14
-98.647960
0.75000 -7.26E-08 -124.433969
1.51E-14 4.83E-29 3.10E-15
-25.586735
1.00000 -7.26E-08 -4.538625
5.50E-16 4.83E-29 4.12E-18
-0.034040

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.57E-08 -484.120000
5.86E-14 3.17E-29 4.69E-14
-387.296000
0.25000 -4.57E-08 -364.224656
4.41E-14 3.17E-29 2.65E-14
-219.217715
0.50000 -4.57E-08 -244.329313
2.96E-14 3.17E-29 1.19E-14
-98.647960
0.75000 -4.57E-08 -124.433969
1.51E-14 3.17E-29 3.10E-15
-25.586735
1.00000 -4.57E-08 -4.538625
5.50E-16 3.17E-29 4.12E-18
-0.034040

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.57E-08 -484.120000
5.86E-14 3.17E-29 4.69E-14
-387.296000

0.25000 -4.57E-08 -364.224656
4.41E-14 3.17E-29 2.65E-14
-219.217715
0.50000 -4.57E-08 -244.329313
2.96E-14 3.17E-29 1.19E-14
-98.647960
0.75000 -4.57E-08 -124.433969
1.51E-14 3.17E-29 3.10E-15
-25.586735
1.00000 -4.57E-08 -4.538625
5.50E-16 3.17E-29 4.12E-18
-0.034040

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.28E-08 -484.120000
5.86E-14 3.16E-29 4.69E-14
-387.296000
0.25000 -4.28E-08 -364.224656
4.41E-14 3.16E-29 2.65E-14
-219.217715
0.50000 -4.28E-08 -244.329313
2.96E-14 3.16E-29 1.19E-14
-98.647960
0.75000 -4.28E-08 -124.433969
1.51E-14 3.16E-29 3.10E-15
-25.586735
1.00000 -4.28E-08 -4.538625
5.50E-16 3.16E-29 4.12E-18
-0.034040

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.28E-08 -484.120000
5.86E-14 3.16E-29 4.69E-14
-387.296000
0.25000 -4.28E-08 -364.224656
4.41E-14 3.16E-29 2.65E-14
-219.217715
0.50000 -4.28E-08 -244.329313
2.96E-14 3.16E-29 1.19E-14
-98.647960
0.75000 -4.28E-08 -124.433969
1.51E-14 3.16E-29 3.10E-15
-25.586735
1.00000 -4.28E-08 -4.538625
5.50E-16 3.16E-29 4.12E-18
-0.034040

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 516

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.57E-08 -484.120000
5.86E-14 3.07E-29 4.69E-14
-387.296000
0.25000 -4.57E-08 -364.224656
4.41E-14 3.07E-29 2.65E-14
-219.217715
0.50000 -4.57E-08 -244.329313
2.96E-14 3.07E-29 1.19E-14
-98.647960
0.75000 -4.57E-08 -124.433969
1.51E-14 3.07E-29 3.10E-15
-25.586735
1.00000 -4.57E-08 -4.538625
5.50E-16 3.07E-29 4.12E-18
-0.034040

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.57E-08 -484.120000
5.86E-14 3.07E-29 4.69E-14
-387.296000
0.25000 -4.57E-08 -364.224656
4.41E-14 3.07E-29 2.65E-14
-219.217715
0.50000 -4.57E-08 -244.329313
2.96E-14 3.07E-29 1.19E-14
-98.647960
0.75000 -4.57E-08 -124.433969
1.51E-14 3.07E-29 3.10E-15
-25.586735
1.00000 -4.57E-08 -4.538625
5.50E-16 3.07E-29 4.12E-18
-0.034040

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.27E-08 -484.120000
5.86E-14 3.05E-29 4.69E-14
-387.296000
0.25000 -4.27E-08 -364.224656
4.41E-14 3.05E-29 2.65E-14
-219.217715
0.50000 -4.27E-08 -244.329313
2.96E-14 3.05E-29 1.19E-14
-98.647960
0.75000 -4.27E-08 -124.433969
1.51E-14 3.05E-29 3.10E-15
-25.586735
1.00000 -4.27E-08 -4.538625
5.50E-16 3.05E-29 4.12E-18
-0.034040

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.27E-08 -484.120000
5.86E-14 3.05E-29 4.69E-14
-387.296000
0.25000 -4.27E-08 -364.224656
4.41E-14 3.05E-29 2.65E-14
-219.217715
0.50000 -4.27E-08 -244.329313
2.96E-14 3.05E-29 1.19E-14
-98.647960
0.75000 -4.27E-08 -124.433969
1.51E-14 3.05E-29 3.10E-15
-25.586735
1.00000 -4.27E-08 -4.538625
5.50E-16 3.05E-29 4.12E-18
-0.034040

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 517

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
6.17E-14 2.08E-30 4.94E-14
-407.680000
0.25000 -4.25E-10 -383.394375
4.64E-14 2.08E-30 2.79E-14
-230.755489
0.50000 -4.25E-10 -257.188750
3.11E-14 2.08E-30 1.26E-14
-103.839958
0.75000 -4.25E-10 -130.983125
1.59E-14 2.08E-30 3.26E-15
-26.933405
1.00000 -4.25E-10 -4.777500
5.79E-16 2.08E-30 4.34E-18
-0.035831

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.25E-10 -509.600000
6.17E-14 2.08E-30 4.94E-14
-407.680000
0.25000 -4.25E-10 -383.394375
4.64E-14 2.08E-30 2.79E-14
-230.755489
0.50000 -4.25E-10 -257.188750
3.11E-14 2.08E-30 1.26E-14
-103.839958
0.75000 -4.25E-10 -130.983125
1.59E-14 2.08E-30 3.26E-15
-26.933405
1.00000 -4.25E-10 -4.777500
5.79E-16 2.08E-30 4.34E-18
-0.035831

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -6.97E-08 -458.640000
5.55E-14 4.63E-29 4.44E-14
-366.912000
0.25000 -6.97E-08 -345.054938
4.18E-14 4.63E-29 2.52E-14
-207.679941
0.50000 -6.97E-08 -231.469875
2.80E-14 4.63E-29 1.13E-14
-93.455962
0.75000 -6.97E-08 -117.884813
1.43E-14 4.63E-29 2.94E-15
-24.240065
1.00000 -6.97E-08 -4.299750
5.21E-16 4.63E-29 3.91E-18
-0.032248

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -6.97E-08 -458.640000
5.55E-14 4.63E-29 4.44E-14
-366.912000
0.25000 -6.97E-08 -345.054938
4.18E-14 4.63E-29 2.52E-14
-207.679941
0.50000 -6.97E-08 -231.469875
2.80E-14 4.63E-29 1.13E-14
-93.455962
0.75000 -6.97E-08 -117.884813
1.43E-14 4.63E-29 2.94E-15
-24.240065
1.00000 -6.97E-08 -4.299750
5.21E-16 4.63E-29 3.91E-18
-0.032248

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.55E-10 -662.480000
8.02E-14 3.08E-30 6.42E-14
-529.984000
0.25000 -5.55E-10 -498.412688
6.04E-14 3.08E-30 3.63E-14
-299.982136
0.50000 -5.55E-10 -334.345375
4.05E-14 3.08E-30 1.63E-14
-134.991945
0.75000 -5.55E-10 -170.278063
2.06E-14 3.08E-30 4.24E-15
-35.013427
1.00000 -5.55E-10 -6.210750
7.52E-16 3.08E-30 5.64E-18
-0.046581

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.55E-10 -662.480000
8.02E-14 3.08E-30 6.42E-14
-529.984000
0.25000 -5.55E-10 -498.412688
6.04E-14 3.08E-30 3.63E-14
-299.982136
0.50000 -5.55E-10 -334.345375
4.05E-14 3.08E-30 1.63E-14
-134.991945
0.75000 -5.55E-10 -170.278063
2.06E-14 3.08E-30 4.24E-15
-35.013427
1.00000 -5.55E-10 -6.210750
7.52E-16 3.08E-30 5.64E-18
-0.046581

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 518

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 2.78E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 2.78E-30 2.79E-14
-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 2.78E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 2.78E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 2.78E-30 4.34E-18
-0.035831

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.30E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.30E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.30E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.30E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.30E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -5.55E-10 -662.480000
8.02E-14 3.08E-30 6.42E-14
-529.984000
0.25000 -5.55E-10 -498.412688
6.04E-14 3.08E-30 3.63E-14
-299.982136
0.50000 -5.55E-10 -334.345375
4.05E-14 3.08E-30 1.63E-14
-134.991945
0.75000 -5.55E-10 -170.278063
2.06E-14 3.08E-30 4.24E-15
-35.013427
1.00000 -5.55E-10 -6.210750
7.52E-16 3.08E-30 5.64E-18
-0.046581

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -5.55E-10 -662.480000
8.02E-14 3.08E-30 6.42E-14
-529.984000
0.25000 -5.55E-10 -498.412688
6.04E-14 3.08E-30 3.63E-14
-299.982136
0.50000 -5.55E-10 -334.345375
4.05E-14 3.08E-30 1.63E-14
-134.991945
0.75000 -5.55E-10 -170.278063
2.06E-14 3.08E-30 4.24E-15
-35.013427
1.00000 -5.55E-10 -6.210750
7.52E-16 3.08E-30 5.64E-18
-0.046581

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -4.18E-10 -509.600000
6.17E-14 2.78E-30 4.94E-14
-407.680000
0.25000 -4.18E-10 -383.394375
4.64E-14 2.78E-30 2.79E-14

-230.755489
0.50000 -4.18E-10 -257.188750
3.11E-14 2.78E-30 1.26E-14
-103.839958
0.75000 -4.18E-10 -130.983125
1.59E-14 2.78E-30 3.26E-15
-26.933405
1.00000 -4.18E-10 -4.777500
5.79E-16 2.78E-30 4.34E-18
-0.035831

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -4.30E-10 -509.600000
6.17E-14 1.01E-30 4.94E-14
-407.680000
0.25000 -4.30E-10 -383.394375
4.64E-14 1.01E-30 2.79E-14
-230.755489
0.50000 -4.30E-10 -257.188750
3.11E-14 1.01E-30 1.26E-14
-103.839958
0.75000 -4.30E-10 -130.983125
1.59E-14 1.01E-30 3.26E-15
-26.933405
1.00000 -4.30E-10 -4.777500
5.79E-16 1.01E-30 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 519

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 = 0.015000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 4.66E-10
.000000 1.45E-31 -4.04E-28
.000000
0.25000 -7.28E-12 4.66E-10
.000000 1.45E-31 -4.04E-28
-1.75E-12
0.50000 -7.28E-12 4.66E-10
.000000 1.45E-31 -4.04E-28
-3.49E-12
0.75000 -7.28E-12 4.66E-10
.000000 1.45E-31 -4.04E-28
-5.24E-12
1.00000 -7.28E-12 4.66E-10
.000000 1.45E-31 -4.04E-28
-6.98E-12

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -2.67E-17
-0.220500 .000000 -0.001654
-2.00E-19
0.25000 .000000 -2.00E-17
-0.165375 .000000 -0.000930
-1.13E-19
0.50000 .000000 -1.34E-17
-0.110250 .000000 -0.000413
-5.01E-20
0.75000 .000000 -6.68E-18
-0.055125 .000000 -0.000103
-1.25E-20
1.00000 .000000 -1.09E-23
-1.12E-07 .000000 1.25E-09
4.02E-26

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.00000 -8.17E-32 -3.31E-24
-2.98E-08 .000000 -3.49E-10
-2.58E-26
0.25000 -8.17E-32 -3.31E-24
-2.98E-08 .000000 -2.37E-10
-1.34E-26
0.50000 -8.17E-32 -3.31E-24
-2.98E-08 .000000 -1.26E-10
-1.03E-27
0.75000 -8.17E-32 -3.31E-24
-2.98E-08 .000000 -1.40E-11
1.14E-26
1.00000 -8.17E-32 -3.31E-24
-2.98E-08 .000000 9.78E-11
2.38E-26

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
-1.03E-25 .000000 .000000
-9.31E-10
0.25000 .000000 .000000
-1.03E-25 .000000 3.88E-28
-9.31E-10
0.50000 .000000 .000000
-1.03E-25 .000000 7.75E-28
-9.31E-10
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 520

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 .000000 .000000
-1.03E-25 .000000 1.16E-27
-9.31E-10
1.00000 .000000 .000000
-1.03E-25 .000000 1.55E-27
-9.31E-10

LOAD WL ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
-1.29E-26 1.26E-29 .000000
-2.33E-10
0.25000 .000000 .000000
-1.29E-26 1.26E-29 4.85E-29
-2.33E-10
0.50000 .000000 .000000
-1.29E-26 1.26E-29 9.69E-29
-2.33E-10
0.75000 .000000 .000000
-1.29E-26 1.26E-29 1.45E-28
-2.33E-10
1.00000 .000000 .000000
-1.29E-26 1.26E-29 1.94E-28
-2.33E-10

LOAD G-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 3.73E-09 .000000
.000000 9.86E-32 .000000
.000000
0.25000 3.73E-09 .000000
.000000 9.86E-32 .000000
.000000
0.50000 3.73E-09 .000000
.000000 9.86E-32 .000000
.000000
0.75000 3.73E-09 .000000
.000000 9.86E-32 .000000
.000000
1.00000 3.73E-09 .000000
.000000 9.86E-32 .000000
.000000

LOAD E-TR ----------

REL DIST P V2
V3 T M2 M3
0.00000 .000000 .000000
.000000 .000000 .000000
.000000
0.25000 .000000 .000000
.000000 .000000 .000000
.000000
0.50000 .000000 .000000
.000000 .000000 .000000
.000000
0.75000 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

COMB SVB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 -3.80E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 -3.80E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 -3.80E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 -3.80E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-2.36E-25 -3.80E-30 1.43E-27
3.15E-11

COMB SVB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 -3.80E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 -3.80E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 -3.80E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 -3.80E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-2.36E-25 -3.80E-30 1.43E-27
3.15E-11

COMB SVB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 521

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 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB SVB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
-0.220500 -3.94E-30 -0.001654
-0.035831
0.25000 .000000 -3.583125
-0.165375 -3.94E-30 -0.000930
-0.020155
0.50000 .000000 -2.388750
-0.110250 -3.94E-30 -0.000413
-0.008958
0.75000 .000000 -1.194375
-0.055125 -3.94E-30 -0.000103
-0.002239
1.00000 .000000 1.49E-10
-1.12E-07 -3.94E-30 1.25E-09
3.85E-11

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
-0.220500 -3.94E-30 -0.001654
-0.035831
0.25000 .000000 -3.583125
-0.165375 -3.94E-30 -0.000930
-0.020155
0.50000 .000000 -2.388750
-0.110250 -3.94E-30 -0.000413
-0.008958
0.75000 .000000 -1.194375
-0.055125 -3.94E-30 -0.000103
-0.002239
1.00000 .000000 1.49E-10
-1.12E-07 -3.94E-30 1.25E-09
3.85E-11

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
-0.110250 -3.80E-30 -0.000827
-0.035831
0.25000 -7.28E-12 -3.583125
-0.082688 -3.80E-30 -0.000465
-0.020155
0.50000 -7.28E-12 -2.388750
-0.055125 -3.80E-30 -0.000207
-0.008958
0.75000 -7.28E-12 -1.194375
-0.027563 -3.80E-30 -5.17E-05
-0.002239
1.00000 -7.28E-12 6.14E-10
-5.58E-08 -3.80E-30 6.23E-10
3.15E-11

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
-0.110250 -3.80E-30 -0.000827
-0.035831
0.25000 -7.28E-12 -3.583125
-0.082688 -3.80E-30 -0.000465
-0.020155
0.50000 -7.28E-12 -2.388750
-0.055125 -3.80E-30 -0.000207
-0.008958
0.75000 -7.28E-12 -1.194375
-0.027563 -3.80E-30 -5.17E-05
-0.002239
1.00000 -7.28E-12 6.14E-10
-5.58E-08 -3.80E-30 6.23E-10
3.15E-11
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 522

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 SVB05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
-0.110250	-3.94E-30	-0.000827
-0.035831		
0.25000	.000000	-3.583125
-0.082688	-3.94E-30	-0.000465
-0.020155		
0.50000	.000000	-2.388750
-0.055125	-3.94E-30	-0.000207
-0.008958		
0.75000	.000000	-1.194375
-0.027563	-3.94E-30	-5.17E-05
-0.002239		
1.00000	.000000	1.49E-10
-5.58E-08	-3.94E-30	6.23E-10
3.85E-11		

COMB SVB05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
-0.110250	-3.94E-30	-0.000827
-0.035831		
0.25000	.000000	-3.583125
-0.082688	-3.94E-30	-0.000465
-0.020155		
0.50000	.000000	-2.388750
-0.055125	-3.94E-30	-0.000207
-0.008958		
0.75000	.000000	-1.194375
-0.027563	-3.94E-30	-5.17E-05
-0.002239		
1.00000	.000000	1.49E-10
-5.58E-08	-3.94E-30	6.23E-10
3.85E-11		

COMB SVB06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
-2.98E-08	-3.80E-30	-3.49E-10
-0.035831		
0.25000	-7.28E-12	-3.583125
-2.98E-08	-3.80E-30	-2.37E-10
-0.020155		
0.50000	-7.28E-12	-2.388750
-2.98E-08	-3.80E-30	-1.26E-10
-0.008958		
0.75000	-7.28E-12	-1.194375
-2.98E-08	-3.80E-30	-1.40E-11
-0.002239		
1.00000	-7.28E-12	6.14E-10
-2.98E-08	-3.80E-30	9.78E-11
3.15E-11		

COMB SVB06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
-2.98E-08	-3.80E-30	-3.49E-10
-0.035831		
0.25000	-7.28E-12	-3.583125
-2.98E-08	-3.80E-30	-2.37E-10
-0.020155		
0.50000	-7.28E-12	-2.388750
-2.98E-08	-3.80E-30	-1.26E-10
-0.008958		
0.75000	-7.28E-12	-1.194375
-2.98E-08	-3.80E-30	-1.40E-11
-0.002239		
1.00000	-7.28E-12	6.14E-10
-2.98E-08	-3.80E-30	9.78E-11
3.15E-11		

COMB SVB07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
5.79E-16	-3.80E-30	4.34E-18
-0.035831		
0.25000	-7.28E-12	-3.583125
4.34E-16	-3.80E-30	2.44E-18
-0.020155		
0.50000	-7.28E-12	-2.388750
2.89E-16	-3.80E-30	1.08E-18
-0.008958		
0.75000	-7.28E-12	-1.194375
1.45E-16	-3.80E-30	2.71E-19
-0.002239		
1.00000	-7.28E-12	6.14E-10
-2.36E-25	-3.80E-30	1.43E-27
3.15E-11		

COMB SVB07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
5.79E-16	-3.80E-30	4.34E-18
-0.035831		
0.25000	-7.28E-12	-3.583125
4.34E-16	-3.80E-30	2.44E-18
-0.020155		
0.50000	-7.28E-12	-2.388750
2.89E-16	-3.80E-30	1.08E-18
-0.008958		
0.75000	-7.28E-12	-1.194375
1.45E-16	-3.80E-30	2.71E-19
-0.002239		
1.00000	-7.28E-12	6.14E-10
-2.36E-25	-3.80E-30	1.43E-27
3.15E-11		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 523

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 SVB08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-8.17E-32	-4.777500
-2.98E-08	-3.94E-30	-3.49E-10
-0.035831		
0.25000	-8.17E-32	-3.583125
-2.98E-08	-3.94E-30	-2.37E-10
-0.020155		
0.50000	-8.17E-32	-2.388750
-2.98E-08	-3.94E-30	-1.26E-10
-0.008958		
0.75000	-8.17E-32	-1.194375
-2.98E-08	-3.94E-30	-1.40E-11
-0.002239		
1.00000	-8.17E-32	1.49E-10
-2.98E-08	-3.94E-30	9.78E-11
3.85E-11		

COMB SVB08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-8.17E-32	-4.777500
-2.98E-08	-3.94E-30	-3.49E-10
-0.035831		
0.25000	-8.17E-32	-3.583125
-2.98E-08	-3.94E-30	-2.37E-10
-0.020155		
0.50000	-8.17E-32	-2.388750
-2.98E-08	-3.94E-30	-1.26E-10
-0.008958		
0.75000	-8.17E-32	-1.194375
-2.98E-08	-3.94E-30	-1.40E-11
-0.002239		
1.00000	-8.17E-32	1.49E-10
-2.98E-08	-3.94E-30	9.78E-11
3.85E-11		

COMB SVB09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
5.79E-16	-3.94E-30	4.34E-18
-0.035831		
0.25000	.000000	-3.583125
4.34E-16	-3.94E-30	2.44E-18
-0.020155		
0.50000	.000000	-2.388750
2.89E-16	-3.94E-30	1.08E-18
-0.008958		
0.75000	.000000	-1.194375
1.45E-16	-3.94E-30	2.71E-19
-0.002239		
1.00000	.000000	1.49E-10
-2.36E-25	-3.94E-30	1.84E-27
3.85E-11		

COMB SVB09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
5.79E-16	-3.94E-30	4.34E-18
-0.035831		
0.25000	.000000	-3.583125
4.34E-16	-3.94E-30	2.44E-18
-0.020155		
0.50000	.000000	-2.388750
2.89E-16	-3.94E-30	1.08E-18
-0.008958		
0.75000	.000000	-1.194375
1.45E-16	-3.94E-30	2.71E-19
-0.002239		
1.00000	.000000	1.49E-10
-2.36E-25	-3.94E-30	1.84E-27
3.85E-11		

COMB SVB10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-8.17E-32	-4.777500
-0.220500	-3.94E-30	-0.001654
-0.035831		
0.25000	-8.17E-32	-3.583125
-0.165375	-3.94E-30	-0.000930
-0.020155		
0.50000	-8.17E-32	-2.388750
-0.110250	-3.94E-30	-0.000413
-0.008958		
0.75000	-8.17E-32	-1.194375
-0.055125	-3.94E-30	-0.000103
-0.002239		
1.00000	-8.17E-32	1.49E-10
-1.41E-07	-3.94E-30	1.34E-09
3.85E-11		

COMB SVB10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-8.17E-32	-4.777500
-0.220500	-3.94E-30	-0.001654
-0.035831		
0.25000	-8.17E-32	-3.583125
-0.165375	-3.94E-30	-0.000930
-0.020155		
0.50000	-8.17E-32	-2.388750
-0.110250	-3.94E-30	-0.000413
-0.008958		
0.75000	-8.17E-32	-1.194375
-0.055125	-3.94E-30	-0.000103
-0.002239		
1.00000	-8.17E-32	1.49E-10
-1.41E-07	-3.94E-30	1.34E-09
3.85E-11		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 524

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 SVB11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
-0.220500	-3.94E-30	-0.001654
-0.035831		
0.25000	.000000	-3.583125
-0.165375	-3.94E-30	-0.000930
-0.020155		
0.50000	.000000	-2.388750
-0.110250	-3.94E-30	-0.000413
-0.008958		
0.75000	.000000	-1.194375
-0.055125	-3.94E-30	-0.000103
-0.002239		
1.00000	.000000	1.49E-10
-1.12E-07	-3.94E-30	1.25E-09
3.85E-11		

COMB SVB11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
-0.220500	-3.94E-30	-0.001654
-0.035831		
0.25000	.000000	-3.583125
-0.165375	-3.94E-30	-0.000930
-0.020155		
0.50000	.000000	-2.388750
-0.110250	-3.94E-30	-0.000413
-0.008958		
0.75000	.000000	-1.194375
-0.055125	-3.94E-30	-0.000103
-0.002239		
1.00000	.000000	1.49E-10
-1.12E-07	-3.94E-30	1.25E-09
3.85E-11		

COMB SVB12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
-0.110250	-3.80E-30	-0.000827
-0.035831		
0.25000	-7.28E-12	-3.583125
-0.082688	-3.80E-30	-0.000465
-0.020155		
0.50000	-7.28E-12	-2.388750
-0.055125	-3.80E-30	-0.000207
-0.008958		
0.75000	-7.28E-12	-1.194375
-0.027563	-3.80E-30	-5.17E-05
-0.002239		
1.00000	-7.28E-12	6.14E-10
-8.56E-08	-3.80E-30	7.21E-10
3.15E-11		

COMB SVB12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
-0.110250	-3.80E-30	-0.000827
-0.035831		
0.25000	-7.28E-12	-3.583125
-0.082688	-3.80E-30	-0.000465
-0.020155		
0.50000	-7.28E-12	-2.388750
-0.055125	-3.80E-30	-0.000207
-0.008958		
0.75000	-7.28E-12	-1.194375
-0.027563	-3.80E-30	-5.17E-05
-0.002239		
1.00000	-7.28E-12	6.14E-10
-8.56E-08	-3.80E-30	7.21E-10
3.15E-11		

COMB SVB13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
-0.110250	-3.80E-30	-0.000827
-0.035831		
0.25000	-7.28E-12	-3.583125
-0.082688	-3.80E-30	-0.000465
-0.020155		
0.50000	-7.28E-12	-2.388750
-0.055125	-3.80E-30	-0.000207
-0.008958		
0.75000	-7.28E-12	-1.194375
-0.027563	-3.80E-30	-5.17E-05
-0.002239		
1.00000	-7.28E-12	6.14E-10
-5.58E-08	-3.80E-30	6.23E-10
3.15E-11		

COMB SVB13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-7.28E-12	-4.777500
-0.110250	-3.80E-30	-0.000827
-0.035831		
0.25000	-7.28E-12	-3.583125
-0.082688	-3.80E-30	-0.000465
-0.020155		
0.50000	-7.28E-12	-2.388750
-0.055125	-3.80E-30	-0.000207
-0.008958		
0.75000	-7.28E-12	-1.194375
-0.027563	-3.80E-30	-5.17E-05
-0.002239		
1.00000	-7.28E-12	6.14E-10
-5.58E-08	-3.80E-30	6.23E-10
3.15E-11		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 525

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 SVB14 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-8.17E-32	-4.777500
-0.110250	-3.94E-30	-0.000827
-0.035831		
0.25000	-8.17E-32	-3.583125
-0.082688	-3.94E-30	-0.000465
-0.020155		
0.50000	-8.17E-32	-2.388750
-0.055125	-3.94E-30	-0.000207
-0.008958		
0.75000	-8.17E-32	-1.194375
-0.027563	-3.94E-30	-5.17E-05
-0.002239		
1.00000	-8.17E-32	1.49E-10
-8.56E-08	-3.94E-30	7.21E-10
3.85E-11		

COMB SVB14 ----------
MIN

REL DIST	P	V2
V3	T M2	M3

0.00000	-8.17E-32	-4.777500
-0.110250	-3.94E-30	-0.000827
-0.035831		
0.25000	-8.17E-32	-3.583125
-0.082688	-3.94E-30	-0.000465
-0.020155		
0.50000	-8.17E-32	-2.388750
-0.055125	-3.94E-30	-0.000207
-0.008958		
0.75000	-8.17E-32	-1.194375
-0.027563	-3.94E-30	-5.17E-05
-0.002239		
1.00000	-8.17E-32	1.49E-10
-8.56E-08	-3.94E-30	7.21E-10
3.85E-11		

COMB SVB15 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
-0.110250	-3.94E-30	-0.000827
-0.035831		
0.25000	.000000	-3.583125
-0.082688	-3.94E-30	-0.000465
-0.020155		
0.50000	.000000	-2.388750
-0.055125	-3.94E-30	-0.000207
-0.008958		
0.75000	.000000	-1.194375
-0.027563	-3.94E-30	-5.17E-05
-0.002239		
1.00000	.000000	1.49E-10
-5.58E-08	-3.94E-30	6.23E-10
3.85E-11		

COMB SVB15 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-4.777500
-0.110250	-3.94E-30	-0.000827
-0.035831		
0.25000	.000000	-3.583125
-0.082688	-3.94E-30	-0.000465
-0.020155		
0.50000	.000000	-2.388750
-0.055125	-3.94E-30	-0.000207
-0.008958		
0.75000	.000000	-1.194375
-0.027563	-3.94E-30	-5.17E-05
-0.002239		
1.00000	.000000	1.49E-10
-5.58E-08	-3.94E-30	6.23E-10
3.85E-11		

COMB ULB01 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-1.56E-11	-6.210750
7.52E-16	-4.82E-30	5.64E-18
-0.046581		
0.25000	-1.56E-11	-4.658062
5.64E-16	-4.82E-30	3.17E-18
-0.026202		
0.50000	-1.56E-11	-3.105375
3.76E-16	-4.82E-30	1.41E-18
-0.011645		
0.75000	-1.56E-11	-1.552687
1.88E-16	-4.82E-30	3.53E-19
-0.002911		
1.00000	-1.56E-11	1.19E-09
-3.07E-25	-4.82E-30	1.52E-27
3.50E-11		

COMB ULB01 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-1.56E-11	-6.210750
7.52E-16	-4.82E-30	5.64E-18
-0.046581		
0.25000	-1.56E-11	-4.658062
5.64E-16	-4.82E-30	3.17E-18
-0.026202		
0.50000	-1.56E-11	-3.105375
3.76E-16	-4.82E-30	1.41E-18
-0.011645		
0.75000	-1.56E-11	-1.552687
1.88E-16	-4.82E-30	3.53E-19
-0.002911		
1.00000	-1.56E-11	1.19E-09
-3.07E-25	-4.82E-30	1.52E-27
3.50E-11		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 526

FRAME ELEMENT INTERNAL FORCES

COMB ULB02 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-6.210750
7.52E-16	-5.13E-30	5.64E-18
-0.046581		
0.25000	.000000	-4.658062
5.64E-16	-5.13E-30	3.17E-18
-0.026202		
0.50000	.000000	-3.105375
3.76E-16	-5.13E-30	1.41E-18
-0.011645		
0.75000	.000000	-1.552687
1.88E-16	-5.13E-30	3.53E-19
-0.002911		
1.00000	.000000	1.93E-10
-3.07E-25	-5.13E-30	2.39E-27
5.00E-11		

COMB ULB02 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-6.210750
7.52E-16	-5.13E-30	5.64E-18
-0.046581		
0.25000	.000000	-4.658062
5.64E-16	-5.13E-30	3.17E-18
-0.026202		
0.50000	.000000	-3.105375
3.76E-16	-5.13E-30	1.41E-18
-0.011645		
0.75000	.000000	-1.552687
1.88E-16	-5.13E-30	3.53E-19
-0.002911		
1.00000	.000000	1.93E-10
-3.07E-25	-5.13E-30	2.39E-27
5.00E-11		

COMB ULB03 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-6.210750
-0.286650	-5.13E-30	-0.002150
-0.046581		
0.25000	.000000	-4.658062
-0.214988	-5.13E-30	-0.001209
-0.026202		
0.50000	.000000	-3.105375
-0.143325	-5.13E-30	-0.000537
-0.011645		
0.75000	.000000	-1.552687
-0.071663	-5.13E-30	-0.000134
-0.002911		
1.00000	.000000	1.93E-10
-1.45E-07	-5.13E-30	1.62E-09
5.00E-11		

COMB ULB03 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-6.210750
-0.286650	-5.13E-30	-0.002150
-0.046581		
0.25000	.000000	-4.658062
-0.214988	-5.13E-30	-0.001209
-0.026202		
0.50000	.000000	-3.105375
-0.143325	-5.13E-30	-0.000537
-0.011645		
0.75000	.000000	-1.552687
-0.071663	-5.13E-30	-0.000134
-0.002911		
1.00000	.000000	1.93E-10
-1.45E-07	-5.13E-30	1.62E-09
5.00E-11		

COMB ULB04 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.46E-12	-6.210750
-0.143325	-4.94E-30	-0.001075
-0.046581		
0.25000	-9.46E-12	-4.658062
-0.107494	-4.94E-30	-0.000605
-0.026202		
0.50000	-9.46E-12	-3.105375
-0.071663	-4.94E-30	-0.000269
-0.011645		
0.75000	-9.46E-12	-1.552687
-0.035831	-4.94E-30	-6.72E-05
-0.002911		
1.00000	-9.46E-12	7.99E-10
-7.25E-08	-4.94E-30	8.10E-10
4.09E-11		

COMB ULB04 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.46E-12	-6.210750
-0.143325	-4.94E-30	-0.001075
-0.046581		
0.25000	-9.46E-12	-4.658062
-0.107494	-4.94E-30	-0.000605
-0.026202		
0.50000	-9.46E-12	-3.105375
-0.071663	-4.94E-30	-0.000269
-0.011645		
0.75000	-9.46E-12	-1.552687
-0.035831	-4.94E-30	-6.72E-05
-0.002911		
1.00000	-9.46E-12	7.99E-10
-7.25E-08	-4.94E-30	8.10E-10
4.09E-11		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 527

FRAME ELEMENT INTERNAL FORCES

COMB ULB05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-6.210750
-0.143325	-5.13E-30	-0.001075
-0.046581		
0.25000	.000000	-4.658062
-0.107494	-5.13E-30	-0.000605
-0.026202		
0.50000	.000000	-3.105375
-0.071663	-5.13E-30	-0.000269
-0.011645		
0.75000	.000000	-1.552687
-0.035831	-5.13E-30	-6.72E-05
-0.002911		
1.00000	.000000	1.93E-10
-7.25E-08	-5.13E-30	8.10E-10
5.00E-11		

COMB ULB05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-6.210750
-0.143325	-5.13E-30	-0.001075
-0.046581		
0.25000	.000000	-4.658062
-0.107494	-5.13E-30	-0.000605
-0.026202		
0.50000	.000000	-3.105375
-0.071663	-5.13E-30	-0.000269
-0.011645		
0.75000	.000000	-1.552687
-0.035831	-5.13E-30	-6.72E-05
-0.002911		
1.00000	.000000	1.93E-10
-7.25E-08	-5.13E-30	8.10E-10
5.00E-11		

COMB ULB06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.46E-12	-6.210750
-3.87E-08	-4.94E-30	-4.54E-10
-0.046581		
0.25000	-9.46E-12	-4.658062
-3.87E-08	-4.94E-30	-3.09E-10
-0.026202		
0.50000	-9.46E-12	-3.105375
-3.87E-08	-4.94E-30	-1.63E-10
-0.011645		
0.75000	-9.46E-12	-1.552687
-3.87E-08	-4.94E-30	-1.82E-11
-0.002911		
1.00000	-9.46E-12	7.99E-10
-3.87E-08	-4.94E-30	1.27E-10
4.09E-11		

COMB ULB06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.46E-12	-6.210750
-3.87E-08	-4.94E-30	-4.54E-10
-0.046581		
0.25000	-9.46E-12	-4.658062
-3.87E-08	-4.94E-30	-3.09E-10
-0.026202		
0.50000	-9.46E-12	-3.105375
-3.87E-08	-4.94E-30	-1.63E-10
-0.011645		
0.75000	-9.46E-12	-1.552687
-3.87E-08	-4.94E-30	-1.82E-11
-0.002911		
1.00000	-9.46E-12	7.99E-10
-3.87E-08	-4.94E-30	1.27E-10
4.09E-11		

COMB ULB07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.46E-12	-6.210750
7.52E-16	-4.94E-30	5.64E-18
-0.046581		
0.25000	-9.46E-12	-4.658062
5.64E-16	-4.94E-30	3.17E-18
-0.026202		
0.50000	-9.46E-12	-3.105375
3.76E-16	-4.94E-30	1.41E-18
-0.011645		
0.75000	-9.46E-12	-1.552687
1.88E-16	-4.94E-30	3.53E-19
-0.002911		
1.00000	-9.46E-12	7.99E-10
-3.07E-25	-4.94E-30	1.86E-27
4.09E-11		

COMB ULB07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-9.46E-12	-6.210750
7.52E-16	-4.94E-30	5.64E-18
-0.046581		
0.25000	-9.46E-12	-4.658062
5.64E-16	-4.94E-30	3.17E-18
-0.026202		
0.50000	-9.46E-12	-3.105375
3.76E-16	-4.94E-30	1.41E-18
-0.011645		
0.75000	-9.46E-12	-1.552687
1.88E-16	-4.94E-30	3.53E-19
-0.002911		
1.00000	-9.46E-12	7.99E-10
-3.07E-25	-4.94E-30	1.86E-27
4.09E-11		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 528

FRAME ELEMENT INTERNAL FORCES

COMB ULB08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	-1.06E-31	-6.210750
-3.87E-08	-5.13E-30	-4.54E-10
-0.046581		
0.25000	-1.06E-31	-4.658062
-3.87E-08	-5.13E-30	-3.09E-10
-0.026202		
0.50000	-1.06E-31	-3.105375
-3.87E-08	-5.13E-30	-1.63E-10
-0.011645		
0.75000	-1.06E-31	-1.552687
-3.87E-08	-5.13E-30	-1.82E-11
-0.002911		
1.00000	-1.06E-31	1.93E-10
-3.87E-08	-5.13E-30	1.27E-10
5.00E-11		

COMB ULB08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.00000	-1.06E-31	-6.210750
-3.87E-08	-5.13E-30	-4.54E-10
-0.046581		
0.25000	-1.06E-31	-4.658062
-3.87E-08	-5.13E-30	-3.09E-10
-0.026202		
0.50000	-1.06E-31	-3.105375
-3.87E-08	-5.13E-30	-1.63E-10
-0.011645		
0.75000	-1.06E-31	-1.552687
-3.87E-08	-5.13E-30	-1.82E-11
-0.002911		
1.00000	-1.06E-31	1.93E-10
-3.87E-08	-5.13E-30	1.27E-10
5.00E-11		

COMB ULB09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.00000	.000000	-6.210750
7.52E-16	-5.13E-30	5.64E-18

```
-0.046581
 0.25000          .000000         -4.658062
5.64E-16         -5.13E-30          3.17E-18
-0.026202
 0.50000          .000000         -3.105375
3.76E-16         -5.13E-30          1.41E-18
-0.011645
 0.75000          .000000         -1.552687
1.88E-16         -5.13E-30          3.53E-19
-0.002911
 1.00000          .000000          1.93E-10
-3.07E-25         -5.13E-30          2.39E-27
5.00E-11

 COMB       ULB09  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -6.210750
7.52E-16         -5.13E-30          5.64E-18
-0.046581
 0.25000          .000000         -4.658062
5.64E-16         -5.13E-30          3.17E-18
-0.026202
 0.50000          .000000         -3.105375
3.76E-16         -5.13E-30          1.41E-18
-0.011645
 0.75000          .000000         -1.552687
1.88E-16         -5.13E-30          3.53E-19
-0.002911
 1.00000          .000000          1.93E-10
-3.07E-25         -5.13E-30          2.39E-27
5.00E-11

 COMB       ULB10  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -1.02E-31         -5.971875
-0.275625        -4.93E-30         -0.002067
-0.044789
 0.25000         -1.02E-31         -4.478906
-0.206719        -4.93E-30         -0.001163
-0.025194
 0.50000         -1.02E-31         -2.985937
-0.137813        -4.93E-30         -0.000517
-0.011197
 0.75000         -1.02E-31         -1.492969
-0.068906        -4.93E-30         -0.000129
-0.002799
 1.00000         -1.02E-31          1.86E-10
-1.77E-07        -4.93E-30          1.68E-09
4.81E-11

 COMB       ULB10  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -1.02E-31         -5.971875
-0.275625        -4.93E-30         -0.002067
-0.044789
 0.25000         -1.02E-31         -4.478906
-0.206719        -4.93E-30         -0.001163
-0.025194
 0.50000         -1.02E-31         -2.985937
-0.137813        -4.93E-30         -0.000517
-0.011197
 0.75000         -1.02E-31         -1.492969
-0.068906        -4.93E-30         -0.000129
-0.002799
 1.00000         -1.02E-31          1.86E-10
-1.77E-07        -4.93E-30          1.68E-09
4.81E-11
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT

                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                529

 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       ULB11  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -5.971875
-0.275625        -4.93E-30         -0.002067
-0.044789
 0.25000          .000000         -4.478906
-0.206719        -4.93E-30         -0.001163
-0.025194
 0.50000          .000000         -2.985937
-0.137813        -4.93E-30         -0.000517
-0.011197
 0.75000          .000000         -1.492969
-0.068906        -4.93E-30         -0.000129
-0.002799
 1.00000          .000000          1.86E-10
-1.39E-07        -4.93E-30          1.56E-09
4.81E-11

 COMB       ULB11  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -5.971875
-0.275625        -4.93E-30         -0.002067
-0.044789
 0.25000          .000000         -4.478906
-0.206719        -4.93E-30         -0.001163
-0.025194
 0.50000          .000000         -2.985937
-0.137813        -4.93E-30         -0.000517
-0.011197
 0.75000          .000000         -1.492969
-0.068906        -4.93E-30         -0.000129
-0.002799
 1.00000          .000000          1.86E-10
-1.39E-07        -4.93E-30          1.56E-09
4.81E-11

 COMB       ULB12  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -9.09E-12         -5.971875
-0.137813        -4.75E-30         -0.001034
-0.044789
 0.25000         -9.09E-12         -4.478906
-0.103359        -4.75E-30         -0.000581
-0.025194
 0.50000         -9.09E-12         -2.985937
-0.068906        -4.75E-30         -0.000258
-0.011197
 0.75000         -9.09E-12         -1.492969
-0.034453        -4.75E-30         -6.46E-05
-0.002799
 1.00000         -9.09E-12          7.68E-10
-1.07E-07        -4.75E-30          9.01E-10
3.93E-11

 COMB       ULB12  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -9.09E-12         -5.971875
-0.137813        -4.75E-30         -0.001034
-0.044789
 0.25000         -9.09E-12         -4.478906
-0.103359        -4.75E-30         -0.000581
-0.025194
 0.50000         -9.09E-12         -2.985937
-0.068906        -4.75E-30         -0.000258
-0.011197
 0.75000         -9.09E-12         -1.492969
-0.034453        -4.75E-30         -6.46E-05
-0.002799
 1.00000         -9.09E-12          7.68E-10
-1.07E-07        -4.75E-30          9.01E-10
3.93E-11

 COMB       ULB13  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -9.09E-12         -5.971875
-0.137813        -4.75E-30         -0.001034
-0.044789
 0.25000         -9.09E-12         -4.478906
-0.103359        -4.75E-30         -0.000581
-0.025194
 0.50000         -9.09E-12         -2.985937
-0.068906        -4.75E-30         -0.000258
-0.011197
 0.75000         -9.09E-12         -1.492969
-0.034453        -4.75E-30         -6.46E-05
-0.002799
 1.00000         -9.09E-12          7.68E-10
-6.97E-08        -4.75E-30          7.79E-10
3.93E-11

 COMB       ULB13  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -9.09E-12         -5.971875
-0.137813        -4.75E-30         -0.001034
-0.044789
 0.25000         -9.09E-12         -4.478906
-0.103359        -4.75E-30         -0.000581
-0.025194
 0.50000         -9.09E-12         -2.985937
-0.068906        -4.75E-30         -0.000258
-0.011197
 0.75000         -9.09E-12         -1.492969
-0.034453        -4.75E-30         -6.46E-05
-0.002799
 1.00000         -9.09E-12          7.68E-10
-6.97E-08        -4.75E-30          7.79E-10
3.93E-11
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT

                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                530

 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       ULB14  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -1.02E-31         -5.971875
-0.137813        -4.93E-30         -0.001034
-0.044789
 0.25000         -1.02E-31         -4.478906
-0.103359        -4.93E-30         -0.000581
-0.025194
 0.50000         -1.02E-31         -2.985937
-0.068906        -4.93E-30         -0.000258
-0.011197
 0.75000         -1.02E-31         -1.492969
-0.034453        -4.93E-30         -6.46E-05
-0.002799
 1.00000         -1.02E-31          1.86E-10
-1.07E-07        -4.93E-30          9.01E-10
4.81E-11

 COMB       ULB14  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -1.02E-31         -5.971875
-0.137813        -4.93E-30         -0.001034
-0.044789
 0.25000         -1.02E-31         -4.478906
-0.103359        -4.93E-30         -0.000581
-0.025194
 0.50000         -1.02E-31         -2.985937
-0.068906        -4.93E-30         -0.000258
-0.011197
 0.75000         -1.02E-31         -1.492969
-0.034453        -4.93E-30         -6.46E-05
-0.002799
 1.00000         -1.02E-31          1.86E-10
-1.07E-07        -4.93E-30          9.01E-10
4.81E-11

 COMB       ULB15  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -5.971875
-0.137813        -4.93E-30         -0.001034
-0.044789
 0.25000          .000000         -4.478906
-0.103359        -4.93E-30         -0.000581
-0.025194
 0.50000          .000000         -2.985937
-0.068906        -4.93E-30         -0.000258
-0.011197
 0.75000          .000000         -1.492969
-0.034453        -4.93E-30         -6.46E-05
-0.002799
 1.00000          .000000          1.86E-10
-6.97E-08        -4.93E-30          7.79E-10
4.81E-11

 COMB       ULB15  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -5.971875
-0.137813        -4.93E-30         -0.001034
-0.044789
 0.25000          .000000         -4.478906
-0.103359        -4.93E-30         -0.000581
-0.025194
 0.50000          .000000         -2.985937
-0.068906        -4.93E-30         -0.000258
-0.011197
 0.75000          .000000         -1.492969
-0.034453        -4.93E-30         -6.46E-05
-0.002799
 1.00000          .000000          1.86E-10
-6.97E-08        -4.93E-30          7.79E-10
4.81E-11

 COMB       ULB16  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -4.777500
5.79E-16         -3.94E-30          4.34E-18
-0.035831
 0.25000          .000000         -3.583125
4.34E-16         -3.94E-30          2.44E-18
-0.020155
 0.50000          .000000         -2.388750
2.89E-16         -3.94E-30          1.08E-18
-0.008958
 0.75000          .000000         -1.194375
1.45E-16         -3.94E-30          2.71E-19
-0.002239
 1.00000          .000000          1.49E-10
-2.36E-25         -3.94E-30          1.84E-27
3.85E-11

 COMB       ULB16  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -4.777500
5.79E-16         -3.94E-30          4.34E-18
-0.035831
 0.25000          .000000         -3.583125
4.34E-16         -3.94E-30          2.44E-18
-0.020155
 0.50000          .000000         -2.388750
2.89E-16         -3.94E-30          1.08E-18
-0.008958
 0.75000          .000000         -1.194375
1.45E-16         -3.94E-30          2.71E-19
-0.002239
 1.00000          .000000          1.49E-10
-2.36E-25         -3.94E-30          1.84E-27
3.85E-11
 Program SAP2000 Nonlinear Version 7.42
                 File:청도2교_P6_본체.OUT

                                      Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                                531

 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       ULB17  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -9.46E-12         -6.210750
7.52E-16         -4.94E-30          5.64E-18
-0.046581
 0.25000         -9.46E-12         -4.658062
5.64E-16         -4.94E-30          3.17E-18
-0.026202
 0.50000         -9.46E-12         -3.105375
3.76E-16         -4.94E-30          1.41E-18
-0.011645
 0.75000         -9.46E-12         -1.552687
1.88E-16         -4.94E-30          3.53E-19
-0.002911
 1.00000         -9.46E-12          7.99E-10
-3.07E-25         -4.94E-30          1.86E-27
4.09E-11

 COMB       ULB17  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000         -9.46E-12         -6.210750
7.52E-16         -4.94E-30          5.64E-18
-0.046581
 0.25000         -9.46E-12         -4.658062
5.64E-16         -4.94E-30          3.17E-18
-0.026202
 0.50000         -9.46E-12         -3.105375
3.76E-16         -4.94E-30          1.41E-18
-0.011645
 0.75000         -9.46E-12         -1.552687
1.88E-16         -4.94E-30          3.53E-19
-0.002911
 1.00000         -9.46E-12          7.99E-10
-3.07E-25         -4.94E-30          1.86E-27
4.09E-11

 COMB       ULB18  ----------------------
MAX

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -5.733000
-0.264600        -4.73E-30         -0.001985
-0.042997
 0.25000          .000000         -4.299750
-0.198450        -4.73E-30         -0.001116
-0.024186
 0.50000          .000000         -2.866500
-0.132300        -4.73E-30         -0.000496
-0.010749
 0.75000          .000000         -1.433250
-0.066150        -4.73E-30         -0.000124
-0.002687
 1.00000          .000000          1.78E-10
-1.34E-07        -4.73E-30          1.50E-09
4.62E-11

 COMB       ULB18  ----------------------
MIN

 REL DIST                P                V2
V3             T          M2               M3
 0.00000          .000000         -5.733000
-0.264600        -4.73E-30         -0.001985
-0.042997
 0.25000          .000000         -4.299750
```

-0.198450 -4.73E-30 -0.001116
-0.024186
0.50000 .000000 -2.866500
-0.132300 -4.73E-30 -0.000496
-0.010749
0.75000 .000000 -1.433250
-0.066150 -4.73E-30 -0.000124
-0.002687
1.00000 .000000 1.78E-10
-1.34E-07 -4.73E-30 1.50E-09
4.62E-11

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -4.777500
5.79E-16 -3.63E-30 4.34E-18
-0.035831
0.25000 -1.56E-11 -3.583125
4.34E-16 -3.63E-30 2.44E-18
-0.020155
0.50000 -1.56E-11 -2.388750
2.89E-16 -3.63E-30 1.08E-18
-0.008958
0.75000 -1.56E-11 -1.194375
1.45E-16 -3.63E-30 2.71E-19
-0.002239
1.00000 -1.56E-11 1.15E-09
-2.36E-25 -3.63E-30 9.68E-28
2.34E-11

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -4.777500
5.79E-16 -3.63E-30 4.34E-18
-0.035831
0.25000 -1.56E-11 -3.583125
4.34E-16 -3.63E-30 2.44E-18
-0.020155
0.50000 -1.56E-11 -2.388750
2.89E-16 -3.63E-30 1.08E-18
-0.008958
0.75000 -1.56E-11 -1.194375
1.45E-16 -3.63E-30 2.71E-19
-0.002239
1.00000 -1.56E-11 1.15E-09
-2.36E-25 -3.63E-30 9.68E-28
2.34E-11

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
-0.286650 -3.94E-30 -0.002150
-0.035831
0.25000 .000000 -3.583125
-0.214988 -3.94E-30 -0.001209
-0.020155
0.50000 .000000 -2.388750
-0.143325 -3.94E-30 -0.000537
-0.008958
0.75000 .000000 -1.194375
-0.071663 -3.94E-30 -0.000134
-0.002239
1.00000 .000000 1.49E-10
-1.45E-07 -3.94E-30 1.62E-09
3.85E-11

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
-0.286650 -3.94E-30 -0.002150
-0.035831
0.25000 .000000 -3.583125
-0.214988 -3.94E-30 -0.001209
-0.020155
0.50000 .000000 -2.388750
-0.143325 -3.94E-30 -0.000537
-0.008958
0.75000 .000000 -1.194375
-0.071663 -3.94E-30 -0.000134
-0.002239
1.00000 .000000 1.49E-10
-1.45E-07 -3.94E-30 1.62E-09
3.85E-11

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
-0.143325 -3.76E-30 -0.001075
-0.035831
0.25000 -9.46E-12 -3.583125
-0.107494 -3.76E-30 -0.000605
-0.020155
0.50000 -9.46E-12 -2.388750
-0.071663 -3.76E-30 -0.000269
-0.008958
0.75000 -9.46E-12 -1.194375
-0.035831 -3.76E-30 -6.72E-05
-0.002239
1.00000 -9.46E-12 7.54E-10
-7.25E-08 -3.76E-30 8.10E-10
2.94E-11

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
-0.143325 -3.76E-30 -0.001075
-0.035831
0.25000 -9.46E-12 -3.583125
-0.107494 -3.76E-30 -0.000605
-0.020155
0.50000 -9.46E-12 -2.388750
-0.071663 -3.76E-30 -0.000269
-0.008958
0.75000 -9.46E-12 -1.194375
-0.035831 -3.76E-30 -6.72E-05
-0.002239
1.00000 -9.46E-12 7.54E-10
-7.25E-08 -3.76E-30 8.10E-10
2.94E-11

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
-0.143325 -3.94E-30 -0.001075
-0.035831
0.25000 .000000 -3.583125
-0.107494 -3.94E-30 -0.000605
-0.020155
0.50000 .000000 -2.388750
-0.071663 -3.94E-30 -0.000269
-0.008958
0.75000 .000000 -1.194375
-0.035831 -3.94E-30 -6.72E-05
-0.002239
1.00000 .000000 1.49E-10
-7.25E-08 -3.94E-30 8.10E-10
3.85E-11

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
-0.143325 -3.94E-30 -0.001075
-0.035831
0.25000 .000000 -3.583125
-0.107494 -3.94E-30 -0.000605
-0.020155
0.50000 .000000 -2.388750
-0.071663 -3.94E-30 -0.000269
-0.008958
0.75000 .000000 -1.194375
-0.035831 -3.94E-30 -6.72E-05
-0.002239
1.00000 .000000 1.49E-10
-7.25E-08 -3.94E-30 8.10E-10
3.85E-11

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
-3.87E-08 -3.76E-30 -4.54E-10
-0.035831
0.25000 -9.46E-12 -3.583125
-3.87E-08 -3.76E-30 -3.09E-10
-0.020155
0.50000 -9.46E-12 -2.388750
-3.87E-08 -3.76E-30 -1.63E-10
-0.008958
0.75000 -9.46E-12 -1.194375
-3.87E-08 -3.76E-30 -1.82E-11
-0.002239
1.00000 -9.46E-12 7.54E-10
-3.87E-08 -3.76E-30 1.27E-10
2.94E-11

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
-3.87E-08 -3.76E-30 -4.54E-10
-0.035831
0.25000 -9.46E-12 -3.583125
-3.87E-08 -3.76E-30 -3.09E-10
-0.020155
0.50000 -9.46E-12 -2.388750
-3.87E-08 -3.76E-30 -1.63E-10
-0.008958
0.75000 -9.46E-12 -1.194375
-3.87E-08 -3.76E-30 -1.82E-11
-0.002239
1.00000 -9.46E-12 7.54E-10
-3.87E-08 -3.76E-30 1.27E-10
2.94E-11

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
5.79E-16 -3.76E-30 4.34E-18
-0.035831
0.25000 -9.46E-12 -3.583125
4.34E-16 -3.76E-30 2.44E-18
-0.020155
0.50000 -9.46E-12 -2.388750
2.89E-16 -3.76E-30 1.08E-18
-0.008958
0.75000 -9.46E-12 -1.194375
1.45E-16 -3.76E-30 2.71E-19
-0.002239
1.00000 -9.46E-12 7.54E-10
-2.36E-25 -3.76E-30 1.31E-27
2.94E-11

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
5.79E-16 -3.76E-30 4.34E-18
-0.035831
0.25000 -9.46E-12 -3.583125
4.34E-16 -3.76E-30 2.44E-18
-0.020155
0.50000 -9.46E-12 -2.388750
2.89E-16 -3.76E-30 1.08E-18
-0.008958
0.75000 -9.46E-12 -1.194375
1.45E-16 -3.76E-30 2.71E-19
-0.002239
1.00000 -9.46E-12 7.54E-10
-2.36E-25 -3.76E-30 1.31E-27
2.94E-11

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -1.06E-31 -4.777500
-3.87E-08 -3.94E-30 -4.54E-10
-0.035831
0.25000 -1.06E-31 -3.583125
-3.87E-08 -3.94E-30 -3.09E-10
-0.020155
0.50000 -1.06E-31 -2.388750
-3.87E-08 -3.94E-30 -1.63E-10
-0.008958
0.75000 -1.06E-31 -1.194375
-3.87E-08 -3.94E-30 -1.82E-11
-0.002239
1.00000 -1.06E-31 1.49E-10
-3.87E-08 -3.94E-30 1.27E-10
3.85E-11

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -1.06E-31 -4.777500
-3.87E-08 -3.94E-30 -4.54E-10
-0.035831
0.25000 -1.06E-31 -3.583125
-3.87E-08 -3.94E-30 -3.09E-10
-0.020155
0.50000 -1.06E-31 -2.388750
-3.87E-08 -3.94E-30 -1.63E-10
-0.008958
0.75000 -1.06E-31 -1.194375
-3.87E-08 -3.94E-30 -1.82E-11
-0.002239
1.00000 -1.06E-31 1.49E-10
-3.87E-08 -3.94E-30 1.27E-10
3.85E-11

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -1.02E-31 -4.538625
-0.275625 -3.75E-30 -0.002067
-0.034040
0.25000 -1.02E-31 -3.403969
-0.206719 -3.75E-30 -0.001163
-0.019147

```
 0.50000      -1.02E-31      -2.269312
-0.137813     -3.75E-30      -0.000517
-0.008510
 0.75000      -1.02E-31      -1.134656
-0.068906     -3.75E-30      -0.000129
-0.002127
 1.00000      -1.02E-31       1.41E-10
-1.77E-07     -3.75E-30       1.68E-09
3.65E-11

 COMB      UEB10 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -1.02E-31      -4.538625
-0.275625     -3.75E-30      -0.002067
-0.034040
 0.25000      -1.02E-31      -3.403969
-0.206719     -3.75E-30      -0.001163
-0.019147
 0.50000      -1.02E-31      -2.269312
-0.137813     -3.75E-30      -0.000517
-0.008510
 0.75000      -1.02E-31      -1.134656
-0.068906     -3.75E-30      -0.000129
-0.002127
 1.00000      -1.02E-31       1.41E-10
-1.77E-07     -3.75E-30       1.68E-09
3.65E-11
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                             535

 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      UEB11 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.538625
-0.275625     -3.75E-30      -0.002067
-0.034040
 0.25000       .000000      -3.403969
-0.206719     -3.75E-30      -0.001163
-0.019147
 0.50000       .000000      -2.269312
-0.137813     -3.75E-30      -0.000517
-0.008510
 0.75000       .000000      -1.134656
-0.068906     -3.75E-30      -0.000129
-0.002127
 1.00000       .000000       1.41E-10
-1.39E-07     -3.75E-30       1.56E-09
3.65E-11

 COMB      UEB11 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.538625
-0.275625     -3.75E-30      -0.002067
-0.034040
 0.25000       .000000      -3.403969
-0.206719     -3.75E-30      -0.001163
-0.019147
 0.50000       .000000      -2.269312
-0.137813     -3.75E-30      -0.000517
-0.008510
 0.75000       .000000      -1.134656
-0.068906     -3.75E-30      -0.000129
-0.002127
 1.00000       .000000       1.41E-10
-1.39E-07     -3.75E-30       1.56E-09
3.65E-11

 COMB      UEB12 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -9.09E-12      -4.538625
-0.137813     -3.57E-30      -0.001034
-0.034040
 0.25000      -9.09E-12      -3.403969
-0.103359     -3.57E-30      -0.000581
-0.019147
 0.50000      -9.09E-12      -2.269312
-0.068906     -3.57E-30      -0.000258
-0.008510
 0.75000      -9.09E-12      -1.134656
-0.034453     -3.57E-30      -6.46E-05
-0.002127
 1.00000      -9.09E-12       7.23E-10
-1.07E-07     -3.57E-30       9.01E-10
2.78E-11

 COMB      UEB12 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -9.09E-12      -4.538625
-0.137813     -3.57E-30      -0.001034
-0.034040
 0.25000      -9.09E-12      -3.403969
-0.103359     -3.57E-30      -0.000581
-0.019147
 0.50000      -9.09E-12      -2.269312
-0.068906     -3.57E-30      -0.000258
-0.008510
 0.75000      -9.09E-12      -1.134656
-0.034453     -3.57E-30      -6.46E-05
-0.002127
 1.00000      -9.09E-12       7.23E-10
-6.97E-08     -3.57E-30       7.79E-10
2.78E-11

 COMB      UEB13 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -9.09E-12      -4.538625
-0.137813     -3.57E-30      -0.001034
-0.034040
 0.25000      -9.09E-12      -3.403969
-0.103359     -3.57E-30      -0.000581
-0.019147
 0.50000      -9.09E-12      -2.269312
-0.068906     -3.57E-30      -0.000258
-0.008510
 0.75000      -9.09E-12      -1.134656
-0.034453     -3.57E-30      -6.46E-05
-0.002127
 1.00000      -9.09E-12       7.23E-10
-6.97E-08     -3.57E-30       7.79E-10
2.78E-11

 COMB      UEB13 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -9.09E-12      -4.538625
-0.137813     -3.57E-30      -0.001034
-0.034040
 0.25000      -9.09E-12      -3.403969
-0.103359     -3.57E-30      -0.000581
-0.019147
 0.50000      -9.09E-12      -2.269312
-0.068906     -3.57E-30      -0.000258
-0.008510
 0.75000      -9.09E-12      -1.134656
-0.034453     -3.57E-30      -6.46E-05
-0.002127
 1.00000      -9.09E-12       7.23E-10
-6.97E-08     -3.57E-30       7.79E-10
2.78E-11
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                             536

 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      UEB14 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -1.02E-31      -4.538625
-0.137813     -3.75E-30      -0.001034
-0.034040
 0.25000      -1.02E-31      -3.403969
-0.103359     -3.75E-30      -0.000581
-0.019147
 0.50000      -1.02E-31      -2.269312
-0.068906     -3.75E-30      -0.000258
-0.008510
 0.75000      -1.02E-31      -1.134656
-0.034453     -3.75E-30      -6.46E-05
-0.002127
 1.00000      -1.02E-31       1.41E-10
-1.07E-07     -3.75E-30       9.01E-10
3.65E-11

 COMB      UEB14 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -1.02E-31      -4.538625
-0.137813     -3.75E-30      -0.001034
-0.034040
 0.25000      -1.02E-31      -3.403969
-0.103359     -3.75E-30      -0.000581
-0.019147
 0.50000      -1.02E-31      -2.269312
-0.068906     -3.75E-30      -0.000258
-0.008510
 0.75000      -1.02E-31      -1.134656
-0.034453     -3.75E-30      -6.46E-05
-0.002127
 1.00000      -1.02E-31       1.41E-10
-1.07E-07     -3.75E-30       9.01E-10
3.65E-11

 COMB      UEB15 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.538625
-0.137813     -3.75E-30      -0.001034
-0.034040
 0.25000       .000000      -3.403969
-0.103359     -3.75E-30      -0.000581
-0.019147
 0.50000       .000000      -2.269312
-0.068906     -3.75E-30      -0.000258
-0.008510
 0.75000       .000000      -1.134656
-0.034453     -3.75E-30      -6.46E-05
-0.002127
 1.00000       .000000       1.41E-10
-6.97E-08     -3.75E-30       7.79E-10
3.65E-11

 COMB      UEB15 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.538625
-0.137813     -3.75E-30      -0.001034
-0.034040
 0.25000       .000000      -3.403969
-0.103359     -3.75E-30      -0.000581
-0.019147
 0.50000       .000000      -2.269312
-0.068906     -3.75E-30      -0.000258
-0.008510
 0.75000       .000000      -1.134656
-0.034453     -3.75E-30      -6.46E-05
-0.002127
 1.00000       .000000       1.41E-10
-6.97E-08     -3.75E-30       7.79E-10
3.65E-11

 COMB      UEB16 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.777500
5.79E-16      -3.94E-30       4.34E-18
-0.035831
 0.25000       .000000      -3.583125
4.34E-16      -3.94E-30       2.44E-18
-0.020155
 0.50000       .000000      -2.388750
2.89E-16      -3.94E-30       1.08E-18
-0.008958
 0.75000       .000000      -1.194375
1.45E-16      -3.94E-30       2.71E-19
-0.002239
 1.00000       .000000       1.49E-10
-2.36E-25     -3.94E-30       1.84E-27
3.85E-11

 COMB      UEB16 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.777500
5.79E-16      -3.94E-30       4.34E-18
-0.035831
 0.25000       .000000      -3.583125
4.34E-16      -3.94E-30       2.44E-18
-0.020155
 0.50000       .000000      -2.388750
2.89E-16      -3.94E-30       1.08E-18
-0.008958
 0.75000       .000000      -1.194375
1.45E-16      -3.94E-30       2.71E-19
-0.002239
 1.00000       .000000       1.49E-10
-2.36E-25     -3.94E-30       1.84E-27
3.85E-11
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                             537

 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      UEB17 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -9.46E-12      -4.777500
5.79E-16      -3.76E-30       4.34E-18
-0.035831
 0.25000      -9.46E-12      -3.583125
4.34E-16      -3.76E-30       2.44E-18
-0.020155
 0.50000      -9.46E-12      -2.388750
2.89E-16      -3.76E-30       1.08E-18
-0.008958
 0.75000      -9.46E-12      -1.194375
1.45E-16      -3.76E-30       2.71E-19
-0.002239
 1.00000      -9.46E-12       7.54E-10
-2.36E-25     -3.76E-30       1.31E-27
2.94E-11

 COMB      UEB17 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -9.46E-12      -4.777500
5.79E-16      -3.76E-30       4.34E-18
-0.035831
 0.25000      -9.46E-12      -3.583125
4.34E-16      -3.76E-30       2.44E-18
-0.020155
 0.50000      -9.46E-12      -2.388750
2.89E-16      -3.76E-30       1.08E-18
-0.008958
 0.75000      -9.46E-12      -1.194375
1.45E-16      -3.76E-30       2.71E-19
-0.002239
 1.00000      -9.46E-12       7.54E-10
-2.36E-25     -3.76E-30       1.31E-27
2.94E-11

 COMB      UEB18 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.299750
-0.264600     -3.55E-30      -0.001985
-0.032248
 0.25000       .000000      -3.224812
-0.198450     -3.55E-30      -0.001116
-0.018140
 0.50000       .000000      -2.149875
-0.132300     -3.55E-30      -0.000496
-0.008062
 0.75000       .000000      -1.074937
-0.066150     -3.55E-30      -0.000124
-0.002016
 1.00000       .000000       1.34E-10
-1.34E-07     -3.55E-30       1.50E-09
3.46E-11

 COMB      UEB18 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000       .000000      -4.299750
-0.264600     -3.55E-30      -0.001985
-0.032248
 0.25000       .000000      -3.224812
-0.198450     -3.55E-30      -0.001116
-0.018140
 0.50000       .000000      -2.149875
-0.132300     -3.55E-30      -0.000496
-0.008062
 0.75000       .000000      -1.074937
-0.066150     -3.55E-30      -0.000124
-0.002016
 1.00000       .000000       1.34E-10
-1.34E-07     -3.55E-30       1.50E-09
3.46E-11

 COMB      SVO01 --------------------
MAX

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -7.28E-12      -4.777500
5.79E-16      -3.80E-30       4.34E-18
-0.035831
 0.25000      -7.28E-12      -3.583125
4.34E-16      -3.80E-30       2.44E-18
-0.020155
 0.50000      -7.28E-12      -2.388750
2.89E-16      -3.80E-30       1.08E-18
-0.008958
 0.75000      -7.28E-12      -1.194375
1.45E-16      -3.80E-30       2.71E-19
-0.002239
 1.00000      -7.28E-12       6.14E-10
-2.36E-25     -3.80E-30       1.43E-27
3.15E-11

 COMB      SVO01 --------------------
MIN

 REL DIST             P             V2
V3           T           M2          M3
 0.00000      -7.28E-12      -4.777500
5.79E-16      -3.80E-30       4.34E-18
-0.035831
 0.25000      -7.28E-12      -3.583125
4.34E-16      -3.80E-30       2.44E-18
-0.020155
 0.50000      -7.28E-12      -2.388750
2.89E-16      -3.80E-30       1.08E-18
```

-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 -3.80E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-2.36E-25 -3.80E-30 1.43E-27
3.15E-11

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.40E-25 -3.94E-30 3.39E-27
-8.93E-10

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.40E-25 -3.94E-30 3.39E-27
-8.93E-10

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 8.82E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 8.82E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 8.82E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 8.82E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-3.01E-25 8.82E-30 2.40E-27
-6.67E-10

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 8.82E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 8.82E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 8.82E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 8.82E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-3.01E-25 8.82E-30 2.40E-27
-6.67E-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

COMB SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 8.68E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 8.68E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 8.68E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 8.68E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.01E-25 8.68E-30 2.81E-27
-6.60E-10

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 8.68E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 8.68E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 8.68E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 8.68E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.01E-25 8.68E-30 2.81E-27
-6.60E-10

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 3.72E-09 -4.777500
5.79E-16 -3.70E-30 4.34E-18
-0.035831
0.25000 3.72E-09 -3.583125
4.34E-16 -3.70E-30 2.44E-18
-0.020155
0.50000 3.72E-09 -2.388750
2.89E-16 -3.70E-30 1.08E-18
-0.008958
0.75000 3.72E-09 -1.194375
1.45E-16 -3.70E-30 2.71E-19
-0.002239
1.00000 3.72E-09 6.14E-10
-2.36E-25 -3.70E-30 1.43E-27
3.15E-11

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 3.72E-09 -4.777500
5.79E-16 -3.70E-30 4.34E-18
-0.035831
0.25000 3.72E-09 -3.583125
4.34E-16 -3.70E-30 2.44E-18
-0.020155
0.50000 3.72E-09 -2.388750
2.89E-16 -3.70E-30 1.08E-18
-0.008958
0.75000 3.72E-09 -1.194375
1.45E-16 -3.70E-30 2.71E-19
-0.002239
1.00000 3.72E-09 6.14E-10
-2.36E-25 -3.70E-30 1.43E-27
3.15E-11

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 -3.80E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 -3.80E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 -3.80E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 -3.80E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-2.36E-25 -3.80E-30 1.43E-27
3.15E-11

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 -3.80E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 -3.80E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 -3.80E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 -3.80E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-2.36E-25 -3.80E-30 1.43E-27
3.15E-11

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 3.73E-09 -4.777500
5.79E-16 -3.85E-30 4.34E-18
-0.035831
0.25000 3.73E-09 -3.583125
4.34E-16 -3.85E-30 2.44E-18
-0.020155
0.50000 3.73E-09 -2.388750
2.89E-16 -3.85E-30 1.08E-18
-0.008958
0.75000 3.73E-09 -1.194375
1.45E-16 -3.85E-30 2.71E-19
-0.002239
1.00000 3.73E-09 1.49E-10
-2.36E-25 -3.85E-30 1.84E-27
3.85E-11

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 3.73E-09 -4.777500
5.79E-16 -3.85E-30 4.34E-18
-0.035831
0.25000 3.73E-09 -3.583125
4.34E-16 -3.85E-30 2.44E-18
-0.020155
0.50000 3.73E-09 -2.388750
2.89E-16 -3.85E-30 1.08E-18
-0.008958
0.75000 3.73E-09 -1.194375
1.45E-16 -3.85E-30 2.71E-19
-0.002239
1.00000 3.73E-09 1.49E-10
-2.36E-25 -3.85E-30 1.84E-27
3.85E-11

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 3.73E-09 -4.777500
5.79E-16 -3.85E-30 4.34E-18
-0.035831
0.25000 3.73E-09 -3.583125
4.34E-16 -3.85E-30 2.44E-18
-0.020155
0.50000 3.73E-09 -2.388750
2.89E-16 -3.85E-30 1.08E-18
-0.008958
0.75000 3.73E-09 -1.194375
1.45E-16 -3.85E-30 2.71E-19
-0.002239
1.00000 3.73E-09 1.49E-10
-3.40E-25 -3.85E-30 3.39E-27
-8.93E-10

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 3.73E-09 -4.777500
5.79E-16 -3.85E-30 4.34E-18
-0.035831
0.25000 3.73E-09 -3.583125
4.34E-16 -3.85E-30 2.44E-18
-0.020155
0.50000 3.73E-09 -2.388750
2.89E-16 -3.85E-30 1.08E-18
-0.008958
0.75000 3.73E-09 -1.194375
1.45E-16 -3.85E-30 2.71E-19
-0.002239
1.00000 3.73E-09 1.49E-10
-3.40E-25 -3.85E-30 3.39E-27
-8.93E-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

COMB SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500

5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.40E-25 -3.94E-30 3.39E-27
-8.93E-10

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.40E-25 -3.94E-30 3.39E-27
-8.93E-10

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 3.72E-09 -4.777500
5.79E-16 8.92E-30 4.34E-18
-0.035831
0.25000 3.72E-09 -3.583125
4.34E-16 8.92E-30 2.44E-18
-0.020155
0.50000 3.72E-09 -2.388750
2.89E-16 8.92E-30 1.08E-18
-0.008958
0.75000 3.72E-09 -1.194375
1.45E-16 8.92E-30 2.71E-19
-0.002239
1.00000 3.72E-09 6.14E-10
-3.01E-25 8.92E-30 2.40E-27
-6.67E-10

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 3.72E-09 -4.777500
5.79E-16 8.92E-30 4.34E-18
-0.035831
0.25000 3.72E-09 -3.583125
4.34E-16 8.92E-30 2.44E-18
-0.020155
0.50000 3.72E-09 -2.388750
2.89E-16 8.92E-30 1.08E-18
-0.008958
0.75000 3.72E-09 -1.194375
1.45E-16 8.92E-30 2.71E-19
-0.002239
1.00000 3.72E-09 6.14E-10
-3.01E-25 8.92E-30 2.40E-27
-6.67E-10

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 8.82E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 8.82E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 8.82E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 8.82E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-3.01E-25 8.82E-30 2.40E-27
-6.67E-10

COMB SVO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -7.28E-12 -4.777500
5.79E-16 8.82E-30 4.34E-18
-0.035831
0.25000 -7.28E-12 -3.583125
4.34E-16 8.82E-30 2.44E-18
-0.020155
0.50000 -7.28E-12 -2.388750
2.89E-16 8.82E-30 1.08E-18
-0.008958
0.75000 -7.28E-12 -1.194375
1.45E-16 8.82E-30 2.71E-19
-0.002239
1.00000 -7.28E-12 6.14E-10
-3.01E-25 8.82E-30 2.40E-27
-6.67E-10

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 542

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 SVO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 3.73E-09 -4.777500
5.79E-16 8.78E-30 4.34E-18
-0.035831
0.25000 3.73E-09 -3.583125
4.34E-16 8.78E-30 2.44E-18
-0.020155
0.50000 3.73E-09 -2.388750
2.89E-16 8.78E-30 1.08E-18
-0.008958
0.75000 3.73E-09 -1.194375
1.45E-16 8.78E-30 2.71E-19
-0.002239
1.00000 3.73E-09 1.49E-10
-3.01E-25 8.78E-30 2.81E-27
-6.60E-10

COMB SVO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 3.73E-09 -4.777500
5.79E-16 8.78E-30 4.34E-18
-0.035831
0.25000 3.73E-09 -3.583125
4.34E-16 8.78E-30 2.44E-18
-0.020155
0.50000 3.73E-09 -2.388750
2.89E-16 8.78E-30 1.08E-18
-0.008958
0.75000 3.73E-09 -1.194375
1.45E-16 8.78E-30 2.71E-19
-0.002239
1.00000 3.73E-09 1.49E-10
-3.01E-25 8.78E-30 2.81E-27
-6.60E-10

COMB SVO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 8.68E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 8.68E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 8.68E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 8.68E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.01E-25 8.68E-30 2.81E-27
-6.60E-10

COMB SVO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 8.68E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 8.68E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 8.68E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 8.68E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-3.01E-25 8.68E-30 2.81E-27
-6.60E-10

COMB ULO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -6.210750
7.52E-16 -4.82E-30 5.64E-18
-0.046581
0.25000 -1.56E-11 -4.658062
5.64E-16 -4.82E-30 3.17E-18
-0.026202
0.50000 -1.56E-11 -3.105375
3.76E-16 -4.82E-30 1.41E-18
-0.011645
0.75000 -1.56E-11 -1.552687
1.88E-16 -4.82E-30 3.53E-19
-0.002911
1.00000 -1.56E-11 1.19E-09
-3.07E-25 -4.82E-30 1.52E-27
3.50E-11

COMB ULO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -6.210750
7.52E-16 -4.82E-30 5.64E-18
-0.046581
0.25000 -1.56E-11 -4.658062
5.64E-16 -4.82E-30 3.17E-18
-0.026202
0.50000 -1.56E-11 -3.105375
3.76E-16 -4.82E-30 1.41E-18
-0.011645
0.75000 -1.56E-11 -1.552687
1.88E-16 -4.82E-30 3.53E-19
-0.002911
1.00000 -1.56E-11 1.19E-09
-3.07E-25 -4.82E-30 1.52E-27
3.50E-11

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 543

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 ULO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -6.210750
7.52E-16 -5.13E-30 5.64E-18
-0.046581
0.25000 .000000 -4.658062
5.64E-16 -5.13E-30 3.17E-18
-0.026202
0.50000 .000000 -3.105375
3.76E-16 -5.13E-30 1.41E-18
-0.011645
0.75000 .000000 -1.552687
1.88E-16 -5.13E-30 3.53E-19
-0.002911
1.00000 .000000 1.93E-10
-3.07E-25 -5.13E-30 2.39E-27
5.00E-11

COMB ULO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -6.210750
7.52E-16 -5.13E-30 5.64E-18
-0.046581
0.25000 .000000 -4.658062
5.64E-16 -5.13E-30 3.17E-18
-0.026202
0.50000 .000000 -3.105375
3.76E-16 -5.13E-30 1.41E-18
-0.011645
0.75000 .000000 -1.552687
1.88E-16 -5.13E-30 3.53E-19
-0.002911
1.00000 .000000 1.93E-10
-3.07E-25 -5.13E-30 2.39E-27
5.00E-11

COMB ULO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -6.210750
7.52E-16 -5.13E-30 5.64E-18
-0.046581
0.25000 .000000 -4.658062
5.64E-16 -5.13E-30 3.17E-18
-0.026202
0.50000 .000000 -3.105375
3.76E-16 -5.13E-30 1.41E-18
-0.011645
0.75000 .000000 -1.552687
1.88E-16 -5.13E-30 3.53E-19
-0.002911
1.00000 .000000 1.93E-10
-4.41E-25 -5.13E-30 4.40E-27
-1.16E-09

COMB ULO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -6.210750
7.52E-16 -5.13E-30 5.64E-18
-0.046581
0.25000 .000000 -4.658062
5.64E-16 -5.13E-30 3.17E-18
-0.026202
0.50000 .000000 -3.105375
3.76E-16 -5.13E-30 1.41E-18
-0.011645
0.75000 .000000 -1.552687
1.88E-16 -5.13E-30 3.53E-19
-0.002911
1.00000 .000000 1.93E-10
-4.41E-25 -5.13E-30 4.40E-27
-1.16E-09

COMB ULO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -6.210750
7.52E-16 1.15E-29 5.64E-18
-0.046581
0.25000 -9.46E-12 -4.658062
5.64E-16 1.15E-29 3.17E-18
-0.026202
0.50000 -9.46E-12 -3.105375
3.76E-16 1.15E-29 1.41E-18
-0.011645
0.75000 -9.46E-12 -1.552687
1.88E-16 1.15E-29 3.53E-19
-0.002911
1.00000 -9.46E-12 7.99E-10
-3.91E-25 1.15E-29 3.12E-27
-8.67E-10

COMB ULO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -6.210750
7.52E-16 1.15E-29 5.64E-18
-0.046581
0.25000 -9.46E-12 -4.658062
5.64E-16 1.15E-29 3.17E-18
-0.026202
0.50000 -9.46E-12 -3.105375
3.76E-16 1.15E-29 1.41E-18
-0.011645
0.75000 -9.46E-12 -1.552687
1.88E-16 1.15E-29 3.53E-19
-0.002911
1.00000 -9.46E-12 7.99E-10
-3.91E-25 1.15E-29 3.12E-27
-8.67E-10

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 544

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 ULO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -6.210750
7.52E-16 1.13E-29 5.64E-18
-0.046581
0.25000 .000000 -4.658062
5.64E-16 1.13E-29 3.17E-18
-0.026202
0.50000 .000000 -3.105375
3.76E-16 1.13E-29 1.41E-18
-0.011645
0.75000 .000000 -1.552687
1.88E-16 1.13E-29 3.53E-19
-0.002911
1.00000 .000000 1.93E-10
-3.91E-25 1.13E-29 3.65E-27
-8.58E-10

COMB ULO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -6.210750
7.52E-16 1.13E-29 5.64E-18
-0.046581

0.25000	.000000	-4.658062
5.64E-16	1.13E-29	3.17E-18
-0.026202		
0.50000	.000000	-3.105375
3.76E-16	1.13E-29	1.41E-18
-0.011645		
0.75000	.000000	-1.552687
1.88E-16	1.13E-29	3.53E-19
-0.002911		
1.00000	.000000	1.93E-10
-3.91E-25	1.13E-29	3.65E-27
-8.58E-10		

COMB ULO06 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.83E-09	-6.210750
7.52E-16	-4.81E-30	5.64E-18
-0.046581		
0.25000	4.83E-09	-4.658062
5.64E-16	-4.81E-30	3.17E-18
-0.026202		
0.50000	4.83E-09	-3.105375
3.76E-16	-4.81E-30	1.41E-18
-0.011645		
0.75000	4.83E-09	-1.552687
1.88E-16	-4.81E-30	3.53E-19
-0.002911		
1.00000	4.83E-09	7.99E-10
-3.07E-25	-4.81E-30	1.86E-27
4.09E-11		

COMB ULO06 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.83E-09	-6.210750
7.52E-16	-4.81E-30	5.64E-18
-0.046581		
0.25000	4.83E-09	-4.658062
5.64E-16	-4.81E-30	3.17E-18
-0.026202		
0.50000	4.83E-09	-3.105375
3.76E-16	-4.81E-30	1.41E-18
-0.011645		
0.75000	4.83E-09	-1.552687
1.88E-16	-4.81E-30	3.53E-19
-0.002911		
1.00000	4.83E-09	7.99E-10
-3.07E-25	-4.81E-30	1.86E-27
4.09E-11		

COMB ULO07 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	-9.46E-12	-6.210750
7.52E-16	-4.94E-30	5.64E-18
-0.046581		
0.25000	-9.46E-12	-4.658062
5.64E-16	-4.94E-30	3.17E-18
-0.026202		
0.50000	-9.46E-12	-3.105375
3.76E-16	-4.94E-30	1.41E-18
-0.011645		
0.75000	-9.46E-12	-1.552687
1.88E-16	-4.94E-30	3.53E-19
-0.002911		
1.00000	-9.46E-12	7.99E-10
-3.07E-25	-4.94E-30	1.86E-27
4.09E-11		

COMB ULO07 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	-9.46E-12	-6.210750
7.52E-16	-4.94E-30	5.64E-18
-0.046581		
0.25000	-9.46E-12	-4.658062
5.64E-16	-4.94E-30	3.17E-18
-0.026202		
0.50000	-9.46E-12	-3.105375
3.76E-16	-4.94E-30	1.41E-18
-0.011645		
0.75000	-9.46E-12	-1.552687
1.88E-16	-4.94E-30	3.53E-19
-0.002911		
1.00000	-9.46E-12	7.99E-10
-3.07E-25	-4.94E-30	1.86E-27
4.09E-11		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 545

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 ULO08 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.84E-09	-6.210750
7.52E-16	-5.00E-30	5.64E-18
-0.046581		
0.25000	4.84E-09	-4.658062
5.64E-16	-5.00E-30	3.17E-18
-0.026202		
0.50000	4.84E-09	-3.105375
3.76E-16	-5.00E-30	1.41E-18
-0.011645		
0.75000	4.84E-09	-1.552687
1.88E-16	-5.00E-30	3.53E-19
-0.002911		
1.00000	4.84E-09	1.93E-10
-3.07E-25	-5.00E-30	2.39E-27
5.00E-11		

COMB ULO08 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.84E-09	-6.210750
7.52E-16	-5.00E-30	5.64E-18
-0.046581		
0.25000	4.84E-09	-4.658062
5.64E-16	-5.00E-30	3.17E-18
-0.026202		
0.50000	4.84E-09	-3.105375
3.76E-16	-5.00E-30	1.41E-18
-0.011645		
0.75000	4.84E-09	-1.552687
1.88E-16	-5.00E-30	3.53E-19
-0.002911		
1.00000	4.84E-09	1.93E-10
-3.07E-25	-5.00E-30	2.39E-27
5.00E-11		

COMB ULO09 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-6.210750
7.52E-16	-5.13E-30	5.64E-18
-0.046581		
0.25000	.000000	-4.658062
5.64E-16	-5.13E-30	3.17E-18
-0.026202		
0.50000	.000000	-3.105375
3.76E-16	-5.13E-30	1.41E-18
-0.011645		
0.75000	.000000	-1.552687
1.88E-16	-5.13E-30	3.53E-19
-0.002911		
1.00000	.000000	1.93E-10
-3.07E-25	-5.13E-30	2.39E-27
5.00E-11		

COMB ULO09 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-6.210750
7.52E-16	-5.13E-30	5.64E-18
-0.046581		
0.25000	.000000	-4.658062
5.64E-16	-5.13E-30	3.17E-18
-0.026202		
0.50000	.000000	-3.105375
3.76E-16	-5.13E-30	1.41E-18
-0.011645		
0.75000	.000000	-1.552687
1.88E-16	-5.13E-30	3.53E-19
-0.002911		
1.00000	.000000	1.93E-10
-3.07E-25	-5.13E-30	2.39E-27
5.00E-11		

COMB ULO10 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.66E-09	-5.971875
7.23E-16	-4.81E-30	5.42E-18
-0.044789		
0.25000	4.66E-09	-4.478906
5.42E-16	-4.81E-30	3.05E-18
-0.025194		
0.50000	4.66E-09	-2.985937
3.62E-16	-4.81E-30	1.36E-18
-0.011197		
0.75000	4.66E-09	-1.492969
1.81E-16	-4.81E-30	3.39E-19
-0.002799		
1.00000	4.66E-09	1.86E-10
-4.24E-25	-4.81E-30	4.23E-27
-1.12E-09		

COMB ULO10 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.66E-09	-5.971875
7.23E-16	-4.81E-30	5.42E-18
-0.044789		
0.25000	4.66E-09	-4.478906
5.42E-16	-4.81E-30	3.05E-18
-0.025194		
0.50000	4.66E-09	-2.985937
3.62E-16	-4.81E-30	1.36E-18
-0.011197		
0.75000	4.66E-09	-1.492969
1.81E-16	-4.81E-30	3.39E-19
-0.002799		
1.00000	4.66E-09	1.86E-10
-4.24E-25	-4.81E-30	4.23E-27
-1.12E-09		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 546

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 ULO11 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-5.971875
7.23E-16	-4.93E-30	5.42E-18
-0.044789		
0.25000	.000000	-4.478906
5.42E-16	-4.93E-30	3.05E-18
-0.025194		
0.50000	.000000	-2.985937
3.62E-16	-4.93E-30	1.36E-18
-0.011197		
0.75000	.000000	-1.492969
1.81E-16	-4.93E-30	3.39E-19
-0.002799		
1.00000	.000000	1.86E-10
-4.24E-25	-4.93E-30	4.23E-27
-1.12E-09		

COMB ULO11 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-5.971875
7.23E-16	-4.93E-30	5.42E-18
-0.044789		
0.25000	.000000	-4.478906
5.42E-16	-4.93E-30	3.05E-18
-0.025194		
0.50000	.000000	-2.985937
3.62E-16	-4.93E-30	1.36E-18
-0.011197		
0.75000	.000000	-1.492969
1.81E-16	-4.93E-30	3.39E-19
-0.002799		
1.00000	.000000	1.86E-10
-4.24E-25	-4.93E-30	4.23E-27
-1.12E-09		

COMB ULO12 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.65E-09	-5.971875
7.23E-16	1.12E-29	5.42E-18
-0.044789		
0.25000	4.65E-09	-4.478906
5.42E-16	1.12E-29	3.05E-18
-0.025194		
0.50000	4.65E-09	-2.985937
3.62E-16	1.12E-29	1.36E-18
-0.011197		
0.75000	4.65E-09	-1.492969
1.81E-16	1.12E-29	3.39E-19
-0.002799		
1.00000	4.65E-09	7.68E-10
-3.76E-25	1.12E-29	3.00E-27
-8.34E-10		

COMB ULO12 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.65E-09	-5.971875
7.23E-16	1.12E-29	5.42E-18
-0.044789		
0.25000	4.65E-09	-4.478906
5.42E-16	1.12E-29	3.05E-18
-0.025194		
0.50000	4.65E-09	-2.985937
3.62E-16	1.12E-29	1.36E-18
-0.011197		
0.75000	4.65E-09	-1.492969
1.81E-16	1.12E-29	3.39E-19
-0.002799		
1.00000	4.65E-09	7.68E-10
-3.76E-25	1.12E-29	3.00E-27
-8.34E-10		

COMB ULO13 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	-9.09E-12	-5.971875
7.23E-16	1.10E-29	5.42E-18
-0.044789		
0.25000	-9.09E-12	-4.478906
5.42E-16	1.10E-29	3.05E-18
-0.025194		
0.50000	-9.09E-12	-2.985937
3.62E-16	1.10E-29	1.36E-18
-0.011197		
0.75000	-9.09E-12	-1.492969
1.81E-16	1.10E-29	3.39E-19
-0.002799		
1.00000	-9.09E-12	7.68E-10
-3.76E-25	1.10E-29	3.00E-27
-8.34E-10		

COMB ULO13 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	-9.09E-12	-5.971875
7.23E-16	1.10E-29	5.42E-18
-0.044789		
0.25000	-9.09E-12	-4.478906
5.42E-16	1.10E-29	3.05E-18
-0.025194		
0.50000	-9.09E-12	-2.985937
3.62E-16	1.10E-29	1.36E-18
-0.011197		
0.75000	-9.09E-12	-1.492969
1.81E-16	1.10E-29	3.39E-19
-0.002799		
1.00000	-9.09E-12	7.68E-10
-3.76E-25	1.10E-29	3.00E-27
-8.34E-10		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 547

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 ULO14 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.66E-09	-5.971875
7.23E-16	1.10E-29	5.42E-18
-0.044789		
0.25000	4.66E-09	-4.478906
5.42E-16	1.10E-29	3.05E-18
-0.025194		
0.50000	4.66E-09	-2.985937
3.62E-16	1.10E-29	1.36E-18
-0.011197		
0.75000	4.66E-09	-1.492969
1.81E-16	1.10E-29	3.39E-19
-0.002799		
1.00000	4.66E-09	1.86E-10
-3.76E-25	1.10E-29	3.51E-27
-8.25E-10		

COMB ULO14 ----------
MIN

REL DIST	P	V2
V3 T	M2	M3
0.00000	4.66E-09	-5.971875
7.23E-16	1.10E-29	5.42E-18
-0.044789		
0.25000	4.66E-09	-4.478906
5.42E-16	1.10E-29	3.05E-18
-0.025194		
0.50000	4.66E-09	-2.985937
3.62E-16	1.10E-29	1.36E-18
-0.011197		
0.75000	4.66E-09	-1.492969
1.81E-16	1.10E-29	3.39E-19
-0.002799		
1.00000	4.66E-09	1.86E-10
-3.76E-25	1.10E-29	3.51E-27
-8.25E-10		

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3 T	M2	M3
0.00000	.000000	-5.971875
7.23E-16	1.08E-29	5.42E-18
-0.044789		
0.25000	.000000	-4.478906
5.42E-16	1.08E-29	3.05E-18

```
-0.025194
 0.50000      .000000     -2.985937
3.62E-16     1.08E-29     1.36E-18
-0.011197
 0.75000      .000000     -1.492969
1.81E-16     1.08E-29     3.39E-19
-0.002799
 1.00000      .000000      1.86E-10
-3.76E-25    1.08E-29     3.51E-27
-8.25E-10

 COMB      ULO15 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -5.971875
7.23E-16     1.08E-29     5.42E-18
-0.044789
 0.25000      .000000     -4.478906
5.42E-16     1.08E-29     3.05E-18
-0.025194
 0.50000      .000000     -2.985937
3.62E-16     1.08E-29     1.36E-18
-0.011197
 0.75000      .000000     -1.492969
1.81E-16     1.08E-29     3.39E-19
-0.002799
 1.00000      .000000      1.86E-10
-3.76E-25    1.08E-29     3.51E-27
-8.25E-10

 COMB      ULO16 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16    -3.94E-30     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16    -3.94E-30     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16    -3.94E-30     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16    -3.94E-30     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-2.36E-25    -3.94E-30     1.84E-27
3.85E-11

 COMB      ULO16 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16    -3.94E-30     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16    -3.94E-30     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16    -3.94E-30     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16    -3.94E-30     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-2.36E-25    -3.94E-30     1.84E-27
3.85E-11
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                             548

 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      ULO17 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000     -9.46E-12    -6.210750
7.52E-16    -4.94E-30     5.64E-18
-0.046581
 0.25000     -9.46E-12    -4.658062
5.64E-16    -4.94E-30     3.17E-18
-0.026202
 0.50000     -9.46E-12    -3.105375
3.76E-16    -4.94E-30     1.41E-18
-0.011645
 0.75000     -9.46E-12    -1.552687
1.88E-16    -4.94E-30     3.53E-19
-0.002911
 1.00000     -9.46E-12     7.99E-10
-3.07E-25    -4.94E-30     1.86E-27
4.09E-11

 COMB      ULO17 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000     -9.46E-12    -6.210750
7.52E-16    -4.94E-30     5.64E-18
-0.046581
 0.25000     -9.46E-12    -4.658062
5.64E-16    -4.94E-30     3.17E-18
-0.026202
 0.50000     -9.46E-12    -3.105375
3.76E-16    -4.94E-30     1.41E-18
-0.011645
 0.75000     -9.46E-12    -1.552687
1.88E-16    -4.94E-30     3.53E-19
-0.002911
 1.00000     -9.46E-12     7.99E-10
-3.07E-25    -4.94E-30     1.86E-27
4.09E-11

 COMB      ULO18 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -5.733000
6.94E-16    -4.73E-30     5.21E-18
-0.042998
 0.25000      .000000     -4.299750
5.21E-16    -4.73E-30     2.93E-18
-0.024186
 0.50000      .000000     -2.866500
3.47E-16    -4.73E-30     1.30E-18
-0.010749
 0.75000      .000000     -1.433250
1.74E-16    -4.73E-30     3.25E-19
-0.002687
 1.00000      .000000      1.78E-10
-4.07E-25    -4.73E-30     4.06E-27
-1.07E-09

 COMB      ULO18 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -5.733000
6.94E-16    -4.73E-30     5.21E-18
-0.042998
 0.25000      .000000     -4.299750
5.21E-16    -4.73E-30     2.93E-18
-0.024186
 0.50000      .000000     -2.866500
3.47E-16    -4.73E-30     1.30E-18
-0.010749
 0.75000      .000000     -1.433250
1.74E-16    -4.73E-30     3.25E-19
-0.002687
 1.00000      .000000      1.78E-10
-4.07E-25    -4.73E-30     4.06E-27
-1.07E-09

 COMB      UEO01 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000     -1.56E-11    -4.777500
5.79E-16    -3.63E-30     4.34E-18
-0.035831
 0.25000     -1.56E-11    -3.583125
4.34E-16    -3.63E-30     2.44E-18
-0.020155
 0.50000     -1.56E-11    -2.388750
2.89E-16    -3.63E-30     1.08E-18
-0.008958
 0.75000     -1.56E-11    -1.194375
1.45E-16    -3.63E-30     2.71E-19
-0.002239
 1.00000     -1.56E-11     1.15E-09
-2.36E-25    -3.63E-30     9.68E-28
2.34E-11

 COMB      UEO01 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000     -1.56E-11    -4.777500
5.79E-16    -3.63E-30     4.34E-18
-0.035831
 0.25000     -1.56E-11    -3.583125
4.34E-16    -3.63E-30     2.44E-18
-0.020155
 0.50000     -1.56E-11    -2.388750
2.89E-16    -3.63E-30     1.08E-18
-0.008958
 0.75000     -1.56E-11    -1.194375
1.45E-16    -3.63E-30     2.71E-19
-0.002239
 1.00000     -1.56E-11     1.15E-09
-2.36E-25    -3.63E-30     9.68E-28
2.34E-11
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                             549

 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      UEO02 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16    -3.94E-30     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16    -3.94E-30     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16    -3.94E-30     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16    -3.94E-30     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-2.36E-25    -3.94E-30     1.84E-27
3.85E-11

 COMB      UEO02 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16    -3.94E-30     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16    -3.94E-30     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16    -3.94E-30     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16    -3.94E-30     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-2.36E-25    -3.94E-30     1.84E-27
3.85E-11

 COMB      UEO03 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16    -3.94E-30     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16    -3.94E-30     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16    -3.94E-30     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16    -3.94E-30     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-3.71E-25    -3.94E-30     3.85E-27
-1.17E-09

 COMB      UEO03 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16    -3.94E-30     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16    -3.94E-30     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16    -3.94E-30     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16    -3.94E-30     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-3.71E-25    -3.94E-30     3.85E-27
-1.17E-09

 COMB      UEO04 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000     -9.46E-12    -4.777500
5.79E-16     1.27E-29     4.34E-18
-0.035831
 0.25000     -9.46E-12    -3.583125
4.34E-16     1.27E-29     2.44E-18
-0.020155
 0.50000     -9.46E-12    -2.388750
2.89E-16     1.27E-29     1.08E-18
-0.008958
 0.75000     -9.46E-12    -1.194375
1.45E-16     1.27E-29     2.71E-19
-0.002239
 1.00000     -9.46E-12     7.54E-10
-3.20E-25     1.27E-29     2.57E-27
-8.79E-10

 COMB      UEO04 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000     -9.46E-12    -4.777500
5.79E-16     1.27E-29     4.34E-18
-0.035831
 0.25000     -9.46E-12    -3.583125
4.34E-16     1.27E-29     2.44E-18
-0.020155
 0.50000     -9.46E-12    -2.388750
2.89E-16     1.27E-29     1.08E-18
-0.008958
 0.75000     -9.46E-12    -1.194375
1.45E-16     1.27E-29     2.71E-19
-0.002239
 1.00000     -9.46E-12     7.54E-10
-3.20E-25     1.27E-29     2.57E-27
-8.79E-10
 Program SAP2000 Nonlinear Version 7.42
                File:청도2교_P6_본체.OUT

                                    Page
 ; AAbutPier SAP2000 6~7 데이타파일 : 교
각 본체                             550

 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      UEO05 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16     1.25E-29     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16     1.25E-29     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16     1.25E-29     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16     1.25E-29     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-3.20E-25     1.25E-29     3.10E-27
-8.70E-10

 COMB      UEO05 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      .000000     -4.777500
5.79E-16     1.25E-29     4.34E-18
-0.035831
 0.25000      .000000     -3.583125
4.34E-16     1.25E-29     2.44E-18
-0.020155
 0.50000      .000000     -2.388750
2.89E-16     1.25E-29     1.08E-18
-0.008958
 0.75000      .000000     -1.194375
1.45E-16     1.25E-29     2.71E-19
-0.002239
 1.00000      .000000      1.49E-10
-3.20E-25     1.25E-29     3.10E-27
-8.70E-10

 COMB      UEO06 ----------
MAX

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      4.83E-09    -4.777500
5.79E-16    -3.63E-30     4.34E-18
-0.035831
 0.25000      4.83E-09    -3.583125
4.34E-16    -3.63E-30     2.44E-18
-0.020155
 0.50000      4.83E-09    -2.388750
2.89E-16    -3.63E-30     1.08E-18
-0.008958
 0.75000      4.83E-09    -1.194375
1.45E-16    -3.63E-30     2.71E-19
-0.002239
 1.00000      4.83E-09     7.54E-10
-2.36E-25    -3.63E-30     1.31E-27
2.94E-11

 COMB      UEO06 ----------
MIN

 REL DIST          P           V2
V3          T          M2          M3
 0.00000      4.83E-09    -4.777500
5.79E-16    -3.63E-30     4.34E-18
-0.035831
 0.25000      4.83E-09    -3.583125
4.34E-16    -3.63E-30     2.44E-18
-0.020155
 0.50000      4.83E-09    -2.388750
```

2.89E-16 -3.63E-30 1.08E-18
-0.008958
0.75000 4.83E-09 -1.194375
1.45E-16 -3.63E-30 2.71E-19
-0.002239
1.00000 4.83E-09 7.54E-10
-2.36E-25 -3.63E-30 1.31E-27
2.94E-11

COMB UEO7 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
5.79E-16 -3.76E-30 4.34E-18
-0.035831
0.25000 -9.46E-12 -3.583125
4.34E-16 -3.76E-30 2.44E-18
-0.020155
0.50000 -9.46E-12 -2.388750
2.89E-16 -3.76E-30 1.08E-18
-0.008958
0.75000 -9.46E-12 -1.194375
1.45E-16 -3.76E-30 2.71E-19
-0.002239
1.00000 -9.46E-12 7.54E-10
-2.36E-25 -3.76E-30 1.31E-27
2.94E-11

COMB UEO7 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
5.79E-16 -3.76E-30 4.34E-18
-0.035831
0.25000 -9.46E-12 -3.583125
4.34E-16 -3.76E-30 2.44E-18
-0.020155
0.50000 -9.46E-12 -2.388750
2.89E-16 -3.76E-30 1.08E-18
-0.008958
0.75000 -9.46E-12 -1.194375
1.45E-16 -3.76E-30 2.71E-19
-0.002239
1.00000 -9.46E-12 7.54E-10
-2.36E-25 -3.76E-30 1.31E-27
2.94E-11

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 551

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 UEO8 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 4.84E-09 -4.777500
5.79E-16 -3.82E-30 4.34E-18
-0.035831
0.25000 4.84E-09 -3.583125
4.34E-16 -3.82E-30 2.44E-18
-0.020155
0.50000 4.84E-09 -2.388750
2.89E-16 -3.82E-30 1.08E-18
-0.008958
0.75000 4.84E-09 -1.194375
1.45E-16 -3.82E-30 2.71E-19
-0.002239
1.00000 4.84E-09 1.49E-10
-2.36E-25 -3.82E-30 1.84E-27
3.85E-11

COMB UEO8 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 4.84E-09 -4.777500
5.79E-16 -3.82E-30 4.34E-18
-0.035831
0.25000 4.84E-09 -3.583125
4.34E-16 -3.82E-30 2.44E-18
-0.020155
0.50000 4.84E-09 -2.388750
2.89E-16 -3.82E-30 1.08E-18
-0.008958
0.75000 4.84E-09 -1.194375
1.45E-16 -3.82E-30 2.71E-19
-0.002239
1.00000 4.84E-09 1.49E-10
-2.36E-25 -3.82E-30 1.84E-27
3.85E-11

COMB UEO9 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB UEO9 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 4.66E-09 -4.538625
5.50E-16 -3.62E-30 4.12E-18
-0.034040
0.25000 4.66E-09 -3.403969
4.12E-16 -3.62E-30 2.32E-18
-0.019147
0.50000 4.66E-09 -2.269312
2.75E-16 -3.62E-30 1.03E-18
-0.008510
0.75000 4.66E-09 -1.134656
1.37E-16 -3.62E-30 2.58E-19
-0.002127
1.00000 4.66E-09 1.41E-10
-3.54E-25 -3.62E-30 3.68E-27
-1.13E-09

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 4.66E-09 -4.538625
5.50E-16 -3.62E-30 4.12E-18
-0.034040
0.25000 4.66E-09 -3.403969
4.12E-16 -3.62E-30 2.32E-18
-0.019147
0.50000 4.66E-09 -2.269312
2.75E-16 -3.62E-30 1.03E-18
-0.008510
0.75000 4.66E-09 -1.134656
1.37E-16 -3.62E-30 2.58E-19
-0.002127
1.00000 4.66E-09 1.41E-10
-3.54E-25 -3.62E-30 3.68E-27
-1.13E-09

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 552

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.538625
5.50E-16 -3.75E-30 4.12E-18
-0.034040
0.25000 .000000 -3.403969
4.12E-16 -3.75E-30 2.32E-18
-0.019147
0.50000 .000000 -2.269312
2.75E-16 -3.75E-30 1.03E-18
-0.008510
0.75000 .000000 -1.134656
1.37E-16 -3.75E-30 2.58E-19
-0.002127
1.00000 .000000 1.41E-10
-3.54E-25 -3.75E-30 3.68E-27
-1.13E-09

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.538625
5.50E-16 -3.75E-30 4.12E-18
-0.034040
0.25000 .000000 -3.403969
4.12E-16 -3.75E-30 2.32E-18
-0.019147
0.50000 .000000 -2.269312
2.75E-16 -3.75E-30 1.03E-18
-0.008510
0.75000 .000000 -1.134656
1.37E-16 -3.75E-30 2.58E-19
-0.002127
1.00000 .000000 1.41E-10
-3.54E-25 -3.75E-30 3.68E-27
-1.13E-09

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 4.65E-09 -4.538625
5.50E-16 1.23E-29 4.12E-18
-0.034040
0.25000 4.65E-09 -3.403969
4.12E-16 1.23E-29 2.32E-18
-0.019147
0.50000 4.65E-09 -2.269312
2.75E-16 1.23E-29 1.03E-18
-0.008510
0.75000 4.65E-09 -1.134656
1.37E-16 1.23E-29 2.58E-19
-0.002127
1.00000 4.65E-09 7.23E-10
-3.05E-25 1.23E-29 2.45E-27
-8.45E-10

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 4.65E-09 -4.538625
5.50E-16 1.23E-29 4.12E-18
-0.034040
0.25000 4.65E-09 -3.403969
4.12E-16 1.23E-29 2.32E-18
-0.019147
0.50000 4.65E-09 -2.269312
2.75E-16 1.23E-29 1.03E-18
-0.008510
0.75000 4.65E-09 -1.134656
1.37E-16 1.23E-29 2.58E-19
-0.002127
1.00000 4.65E-09 7.23E-10
-3.05E-25 1.23E-29 2.45E-27
-8.45E-10

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 -4.538625
5.50E-16 1.22E-29 4.12E-18
-0.034040
0.25000 -9.09E-12 -3.403969
4.12E-16 1.22E-29 2.32E-18
-0.019147
0.50000 -9.09E-12 -2.269312
2.75E-16 1.22E-29 1.03E-18
-0.008510
0.75000 -9.09E-12 -1.134656
1.37E-16 1.22E-29 2.58E-19
-0.002127
1.00000 -9.09E-12 7.23E-10
-3.05E-25 1.22E-29 2.45E-27
-8.45E-10

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.09E-12 -4.538625
5.50E-16 1.22E-29 4.12E-18
-0.034040
0.25000 -9.09E-12 -3.403969
4.12E-16 1.22E-29 2.32E-18
-0.019147
0.50000 -9.09E-12 -2.269312
2.75E-16 1.22E-29 1.03E-18
-0.008510
0.75000 -9.09E-12 -1.134656
1.37E-16 1.22E-29 2.58E-19
-0.002127
1.00000 -9.09E-12 7.23E-10
-3.05E-25 1.22E-29 2.45E-27
-8.45E-10

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page ; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 553

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 4.66E-09 -4.538625
5.50E-16 1.22E-29 4.12E-18
-0.034040
0.25000 4.66E-09 -3.403969
4.12E-16 1.22E-29 2.32E-18
-0.019147
0.50000 4.66E-09 -2.269312
2.75E-16 1.22E-29 1.03E-18
-0.008510
0.75000 4.66E-09 -1.134656
1.37E-16 1.22E-29 2.58E-19
-0.002127
1.00000 4.66E-09 1.41E-10
-3.05E-25 1.22E-29 2.96E-27
-8.37E-10

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 4.66E-09 -4.538625
5.50E-16 1.22E-29 4.12E-18
-0.034040
0.25000 4.66E-09 -3.403969
4.12E-16 1.22E-29 2.32E-18
-0.019147
0.50000 4.66E-09 -2.269312
2.75E-16 1.22E-29 1.03E-18
-0.008510
0.75000 4.66E-09 -1.134656
1.37E-16 1.22E-29 2.58E-19
-0.002127
1.00000 4.66E-09 1.41E-10
-3.05E-25 1.22E-29 2.96E-27
-8.37E-10

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.538625
5.50E-16 1.20E-29 4.12E-18
-0.034040
0.25000 .000000 -3.403969
4.12E-16 1.20E-29 2.32E-18
-0.019147
0.50000 .000000 -2.269312
2.75E-16 1.20E-29 1.03E-18
-0.008510
0.75000 .000000 -1.134656
1.37E-16 1.20E-29 2.58E-19
-0.002127
1.00000 .000000 1.41E-10
-3.05E-25 1.20E-29 2.96E-27
-8.37E-10

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.538625
5.50E-16 1.20E-29 4.12E-18
-0.034040
0.25000 .000000 -3.403969
4.12E-16 1.20E-29 2.32E-18
-0.019147
0.50000 .000000 -2.269312
2.75E-16 1.20E-29 1.03E-18
-0.008510
0.75000 .000000 -1.134656
1.37E-16 1.20E-29 2.58E-19
-0.002127
1.00000 .000000 1.41E-10
-3.05E-25 1.20E-29 2.96E-27
-8.37E-10

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958

0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 .000000 1.49E-10
-2.36E-25 -3.94E-30 1.84E-27
3.85E-11

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
5.79E-16 -3.76E-30 4.34E-18
-0.035831
0.25000 -9.46E-12 -3.583125
4.34E-16 -3.76E-30 2.44E-18
-0.020155
0.50000 -9.46E-12 -2.388750
2.89E-16 -3.76E-30 1.08E-18
-0.008958
0.75000 -9.46E-12 -1.194375
1.45E-16 -3.76E-30 2.71E-19
-0.002239
1.00000 -9.46E-12 7.54E-10
-2.36E-25 -3.76E-30 1.31E-27
2.94E-11

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -9.46E-12 -4.777500
5.79E-16 -3.76E-30 4.34E-18
-0.035831
0.25000 -9.46E-12 -3.583125
4.34E-16 -3.76E-30 2.44E-18
-0.020155
0.50000 -9.46E-12 -2.388750
2.89E-16 -3.76E-30 1.08E-18
-0.008958
0.75000 -9.46E-12 -1.194375
1.45E-16 -3.76E-30 2.71E-19
-0.002239
1.00000 -9.46E-12 7.54E-10
-2.36E-25 -3.76E-30 1.31E-27
2.94E-11

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.299750
5.21E-16 -3.55E-30 3.91E-18
-0.032248
0.25000 .000000 -3.224812
3.91E-16 -3.55E-30 2.20E-18
-0.018140
0.50000 .000000 -2.149875
2.60E-16 -3.55E-30 9.76E-19
-0.008062
0.75000 .000000 -1.074937
1.30E-16 -3.55E-30 2.44E-19
-0.002016
1.00000 .000000 1.34E-10
-3.37E-25 -3.55E-30 3.51E-27
-1.08E-09

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.299750
5.21E-16 -3.55E-30 3.91E-18
-0.032248
0.25000 .000000 -3.224812
3.91E-16 -3.55E-30 2.20E-18
-0.018140
0.50000 .000000 -2.149875
2.60E-16 -3.55E-30 9.76E-19
-0.008062
0.75000 .000000 -1.074937
1.30E-16 -3.55E-30 2.44E-19
-0.002016
1.00000 .000000 1.34E-10
-3.37E-25 -3.55E-30 3.51E-27
-1.08E-09

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -6.210750
7.52E-16 -4.82E-30 5.64E-18
-0.046581
0.25000 -1.56E-11 -4.658062
5.64E-16 -4.82E-30 3.17E-18
-0.026202
0.50000 -1.56E-11 -3.105375
3.76E-16 -4.82E-30 1.41E-18
-0.011645
0.75000 -1.56E-11 -1.552687
1.88E-16 -4.82E-30 3.53E-19
-0.002911
1.00000 -1.56E-11 1.19E-09
-3.07E-25 -4.82E-30 1.52E-27
3.50E-11

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -6.210750
7.52E-16 -4.82E-30 5.64E-18
-0.046581
0.25000 -1.56E-11 -4.658062
5.64E-16 -4.82E-30 3.17E-18
-0.026202
0.50000 -1.56E-11 -3.105375
3.76E-16 -4.82E-30 1.41E-18
-0.011645
0.75000 -1.56E-11 -1.552687
1.88E-16 -4.82E-30 3.53E-19
-0.002911
1.00000 -1.56E-11 1.19E-09
-3.07E-25 -4.82E-30 1.52E-27
3.50E-11

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 ENVBECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.63E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.63E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.63E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.63E-30 2.71E-19
-0.002239
1.00000 .000000 1.15E-09
-2.36E-25 -3.63E-30 1.84E-27
3.85E-11

COMB ENVBECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 -1.56E-11 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 -1.56E-11 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 -1.56E-11 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 -1.56E-11 1.49E-10
-2.36E-25 -3.94E-30 9.68E-28
2.34E-11

COMB ENVOULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -6.210750
7.52E-16 -4.82E-30 5.64E-18
-0.046581
0.25000 -1.56E-11 -4.658062
5.64E-16 -4.82E-30 3.17E-18
-0.026202
0.50000 -1.56E-11 -3.105375
3.76E-16 -4.82E-30 1.41E-18
-0.011645
0.75000 -1.56E-11 -1.552687
1.88E-16 -4.82E-30 3.53E-19
-0.002911
1.00000 -1.56E-11 1.19E-09
-3.07E-25 -4.82E-30 1.52E-27
3.50E-11

COMB ENVOULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -6.210750
7.52E-16 -4.82E-30 5.64E-18
-0.046581
0.25000 -1.56E-11 -4.658062
5.64E-16 -4.82E-30 3.17E-18
-0.026202
0.50000 -1.56E-11 -3.105375
3.76E-16 -4.82E-30 1.41E-18
-0.011645
0.75000 -1.56E-11 -1.552687
1.88E-16 -4.82E-30 3.53E-19
-0.002911
1.00000 -1.56E-11 1.19E-09
-3.07E-25 -4.82E-30 1.52E-27
3.50E-11

COMB ENVOECC ----------
MAX

REL DIST P V2
V3 T M2 M3
0.00000 .000000 -4.777500
5.79E-16 -3.63E-30 4.34E-18
-0.035831
0.25000 .000000 -3.583125
4.34E-16 -3.63E-30 2.44E-18
-0.020155
0.50000 .000000 -2.388750
2.89E-16 -3.63E-30 1.08E-18
-0.008958
0.75000 .000000 -1.194375
1.45E-16 -3.63E-30 2.71E-19
-0.002239
1.00000 .000000 1.15E-09
-2.36E-25 -3.63E-30 1.84E-27
3.85E-11

COMB ENVOECC ----------
MIN

REL DIST P V2
V3 T M2 M3
0.00000 -1.56E-11 -4.777500
5.79E-16 -3.94E-30 4.34E-18
-0.035831
0.25000 -1.56E-11 -3.583125
4.34E-16 -3.94E-30 2.44E-18
-0.020155
0.50000 -1.56E-11 -2.388750
2.89E-16 -3.94E-30 1.08E-18
-0.008958
0.75000 -1.56E-11 -1.194375
1.45E-16 -3.94E-30 2.71E-19
-0.002239
1.00000 -1.56E-11 1.49E-10
-2.36E-25 -3.94E-30 9.68E-28
2.34E-11

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 12 ==========
LENGTH = 45.715000

LOAD D ----------

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

LOAD L1 ----------

REL DIST P V2
V3 T M2 M3
0.10281 -1844.862 -2.95E-05
2.50E-21 5.91E-21 4.76E-20
0.325483
0.32711 -1844.862 -2.95E-05
2.50E-21 5.91E-21 2.20E-20
0.325786
0.55141 -1844.862 -2.95E-05
2.50E-21 5.91E-21 -3.63E-21
0.326088
0.77570 -1844.862 -2.95E-05
2.50E-21 5.91E-21 -2.92E-20
0.326391
1.00000 -1844.862 -2.95E-05
2.50E-21 5.91E-21 -5.48E-20
0.326693

LOAD W-LO ----------

REL DIST P V2
V3 T M2 M3
0.10281 -1.50E-18 -3.16E-17
70.518208 9.818213 -337.220553
-8.17E-16
0.32711 -1.50E-18 -3.16E-17
159.650621 9.818213 -1516.882
-4.93E-16
0.55141 -1.50E-18 -3.16E-17
248.858246 9.818213 -3611.256
-1.70E-16
0.77570 -1.50E-18 -3.16E-17
338.065871 9.818213 -6620.343
1.54E-16
1.00000 -1.50E-18 -3.16E-17
427.273496 9.818213 -10544.142
4.78E-16

LOAD G-LO1 ----------

REL DIST P V2
V3 T M2 M3
0.10281 -1.14E-24 -1.52E-26
60.310100 -8.74E-09 -319.643570
-6.95E-25
0.32711 -1.14E-24 -1.52E-26
60.310100 -8.74E-09 -938.048258
-5.39E-25
0.55141 -1.14E-24 -1.52E-26
60.310100 -8.74E-09 -1556.453
-3.83E-25
0.77570 -1.14E-24 -1.52E-26
60.310100 -8.74E-09 -2174.858
-2.26E-25
1.00000 -1.14E-24 -1.52E-26
60.310100 -8.74E-09 -2793.262
-7.02E-26

LOAD E-LO ----------

REL DIST P V2
V3 T M2 M3
0.10281 .000000 .000000
.000000 .000000 .000000
.000000
0.32711 .000000 .000000
.000000 .000000 .000000
.000000
0.55141 .000000 .000000
.000000 .000000 .000000
.000000
0.77570 .000000 .000000
.000000 .000000 .000000
.000000
1.00000 .000000 .000000
.000000 .000000 .000000
.000000

LOAD W-TR ----------

REL DIST P V2
V3 T M2 M3
0.10281 2843.878 -354.639165
-8.71E-17 3.71E-16 -1.66E-15
-8401.519
0.32711 2843.878 -425.330389
-8.71E-17 3.71E-16 -7.67E-16
-4403.018
0.55141 2843.878 -496.081264
-8.71E-17 3.71E-16 1.27E-16
320.944681

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
0.77570	2843.878	-566.832139	-8.71E-17	3.71E-16	1.02E-15	5770.369
1.00000	2843.878	-637.583014	-8.71E-17	3.71E-16	1.91E-15	11945.255

LOAD WL ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	292.290603	-41.205196	-8.95E-18	-2.12E-17	-1.70E-16	-760.671316
0.32711	292.290603	-41.205196	-8.95E-18	-2.12E-17	-7.87E-17	-338.163542
0.55141	292.290603	-41.205196	-8.95E-18	-2.12E-17	1.30E-17	84.344232
0.77570	292.290603	-41.205196	-8.95E-18	-2.12E-17	1.05E-16	506.852006
1.00000	292.290603	-41.205196	-8.95E-18	-2.12E-17	1.96E-16	929.359780

LOAD G-TR ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	0.055093	15.341811	-8.67E-20	6.65E-16	-1.65E-18	296.138709
0.32711	0.055093	15.341811	-8.67E-20	6.65E-16	-7.63E-19	138.827617
0.55141	0.055093	15.341811	-8.67E-20	6.65E-16	1.26E-19	-18.483476
0.77570	0.055093	15.341811	-8.67E-20	6.65E-16	1.02E-18	-175.794568
1.00000	0.055093	15.341811	-8.67E-20	6.65E-16	1.90E-18	-333.105660

LOAD E-TR ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	.000000	.000000	.000000	.000000	.000000	.000000
0.32711	.000000	.000000	.000000	.000000	.000000	.000000
0.55141	.000000	.000000	.000000	.000000	.000000	.000000
0.77570	.000000	.000000	.000000	.000000	.000000	.000000
1.00000	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVB01 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	5.67E-19	-1.76E-15	1.08E-17	265.706947
0.32711	-12115.304	9.184547	5.67E-19	-1.76E-15	4.99E-18	171.530902
0.55141	-14228.278	9.184547	5.67E-19	-1.76E-15	-8.24E-19	77.354856
0.77570	-16341.253	9.184547	5.67E-19	-1.76E-15	-6.64E-18	-16.821189
1.00000	-18454.228	9.184547	5.67E-19	-1.76E-15	-1.24E-17	-110.997235

COMB SVB01 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	5.67E-19	-1.76E-15	1.08E-17	265.706947
0.32711	-12115.304	9.184547	5.67E-19	-1.76E-15	4.99E-18	171.530902
0.55141	-14228.278	9.184547	5.67E-19	-1.76E-15	-8.24E-19	77.354856
0.77570	-16341.253	9.184547	5.67E-19	-1.76E-15	-6.64E-18	-16.821189
1.00000	-18454.228	9.184547	5.67E-19	-1.76E-15	-1.24E-17	-110.997235

COMB SVB02 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	5.64E-19	-1.76E-15	1.08E-17	265.381464

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 558

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
0.32711	-10270.442	9.184576	5.64E-19	-1.76E-15	4.97E-18	171.205116
0.55141	-12383.417	9.184576	5.64E-19	-1.76E-15	-8.21E-19	77.028768
0.77570	-14496.392	9.184576	5.64E-19	-1.76E-15	-6.61E-18	-17.147580
1.00000	-16609.367	9.184576	5.64E-19	-1.76E-15	-1.24E-17	-111.323928

COMB SVB02 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	5.64E-19	-1.76E-15	1.08E-17	265.381464
0.32711	-10270.442	9.184576	5.64E-19	-1.76E-15	4.97E-18	171.205116
0.55141	-12383.417	9.184576	5.64E-19	-1.76E-15	-8.21E-19	77.028768
0.77570	-14496.392	9.184576	5.64E-19	-1.76E-15	-6.61E-18	-17.147580
1.00000	-16609.367	9.184576	5.64E-19	-1.76E-15	-1.24E-17	-111.323928

COMB SVB03 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	70.518208	9.818213	-337.220553	265.381464
0.32711	-10270.442	9.184576	159.650621	9.818213	-1516.882	171.205116
0.55141	-12383.417	9.184576	248.858246	9.818213	-3611.256	77.028768
0.77570	-14496.392	9.184576	338.065871	9.818213	-6620.343	-17.147580
1.00000	-16609.367	9.184576	427.273496	9.818213	-10544.142	-111.323928

COMB SVB03 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	70.518208	9.818213	-337.220553	265.381464
0.32711	-10270.442	9.184576	159.650621	9.818213	-1516.882	171.205116
0.55141	-12383.417	9.184576	248.858246	9.818213	-3611.256	77.028768
0.77570	-14496.392	9.184576	338.065871	9.818213	-6620.343	-17.147580
1.00000	-16609.367	9.184576	427.273496	9.818213	-10544.142	-111.323928

COMB SVB04 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	35.259104	4.909107	-168.610277	265.706947
0.32711	-12115.304	9.184547	79.825311	4.909107	-758.441046	171.530902
0.55141	-14228.278	9.184547	124.429123	4.909107	-1805.628	77.354856
0.77570	-16341.253	9.184547	169.032936	4.909107	-3310.171	-16.821189
1.00000	-18454.228	9.184547	213.636748	4.909107	-5272.071	-110.997235

COMB SVB04 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	35.259104	4.909107	-168.610277	265.706947
0.32711	-12115.304	9.184547	79.825311	4.909107	-758.441046	171.530902
0.55141	-14228.278	9.184547	124.429123	4.909107	-1805.628	77.354856
0.77570	-16341.253	9.184547	169.032936	4.909107	-3310.171	-16.821189
1.00000	-18454.228	9.184547	213.636748	4.909107	-5272.071	-110.997235

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 559

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 SVB05 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	35.259104	4.909107	-168.610277	265.381464
0.32711	-10270.442	9.184576	79.825311	4.909107	-758.441046	171.205116
0.55141	-12383.417	9.184576	124.429123	4.909107	-1805.628	77.028768
0.77570	-14496.392	9.184576	169.032936	4.909107	-3310.171	-17.147580
1.00000	-16609.367	9.184576	213.636748	4.909107	-5272.071	-111.323928

COMB SVB05 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	35.259104	4.909107	-168.610277	265.381464
0.32711	-10270.442	9.184576	79.825311	4.909107	-758.441046	171.205116
0.55141	-12383.417	9.184576	124.429123	4.909107	-1805.628	77.028768
0.77570	-14496.392	9.184576	169.032936	4.909107	-3310.171	-17.147580
1.00000	-16609.367	9.184576	213.636748	4.909107	-5272.071	-111.323928

COMB SVB06 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	60.310100	-8.74E-09	-319.643570	265.706947
0.32711	-12115.304	9.184547	60.310100	-8.74E-09	-938.048258	171.530902
0.55141	-14228.278	9.184547	60.310100	-8.74E-09	-1556.453	77.354856
0.77570	-16341.253	9.184547	60.310100	-8.74E-09	-2174.858	-16.821189
1.00000	-18454.228	9.184547	60.310100	-8.74E-09	-2793.262	-110.997235

COMB SVB06 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	60.310100	-8.74E-09	-319.643570	265.706947
0.32711	-12115.304	9.184547	60.310100	-8.74E-09	-938.048258	171.530902
0.55141	-14228.278	9.184547	60.310100	-8.74E-09	-1556.453	77.354856
0.77570	-16341.253	9.184547	60.310100	-8.74E-09	-2174.858	-16.821189
1.00000	-18454.228	9.184547	60.310100	-8.74E-09	-2793.262	-110.997235

COMB SVB07 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	5.67E-19	-1.76E-15	1.08E-17	265.706947
0.32711	-12115.304	9.184547	5.67E-19	-1.76E-15	4.99E-18	171.530902
0.55141	-14228.278	9.184547	5.67E-19	-1.76E-15	-8.24E-19	77.354856
0.77570	-16341.253	9.184547	5.67E-19	-1.76E-15	-6.64E-18	-16.821189
1.00000	-18454.228	9.184547	5.67E-19	-1.76E-15	-1.24E-17	-110.997235

COMB SVB07 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10002.329	9.184547	5.67E-19	-1.76E-15	1.08E-17	265.706947
0.32711	-12115.304	9.184547	5.67E-19	-1.76E-15	4.99E-18	171.530902
0.55141	-14228.278	9.184547	5.67E-19	-1.76E-15	-8.24E-19	77.354856
0.77570	-16341.253	9.184547	5.67E-19	-1.76E-15	-6.64E-18	-16.821189
1.00000	-18454.228	9.184547	5.67E-19	-1.76E-15	-1.24E-17	-110.997235

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 560

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 SVB08 ----------
MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	60.310100	-8.74E-09	-319.643570	265.381464
0.32711	-10270.442	9.184576	60.310100	-8.74E-09	-938.048258	171.205116
0.55141	-12383.417	9.184576	60.310100	-8.74E-09	-1556.453	77.028768
0.77570	-14496.392	9.184576	60.310100	-8.74E-09	-2174.858	-17.147580
1.00000	-16609.367	9.184576	60.310100	-8.74E-09	-2793.262	-111.323928

COMB SVB08 ----------
MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	60.310100	-8.74E-09	-319.643570	265.381464
0.32711	-10270.442	9.184576				

60.310100 -8.74E-09 -938.048258
171.205116
0.55141 -12383.417 9.184576
60.310100 -8.74E-09 -1556.453
77.028768
0.77570 -14496.392 9.184576
60.310100 -8.74E-09 -2174.858
-17.147580
1.00000 -16609.367 9.184576
60.310100 -8.74E-09 -2793.262
-111.323928

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
130.828308 9.818213 -656.864123
265.381464
0.32711 -10270.442 9.184576
219.960721 9.818213 -2454.930
171.205116
0.55141 -12383.417 9.184576
309.168346 9.818213 -5167.709
77.028768
0.77570 -14496.392 9.184576
398.375971 9.818213 -8795.200
-17.147580
1.00000 -16609.367 9.184576
487.583596 9.818213 -13337.404
-111.323928

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
130.828308 9.818213 -656.864123
265.381464
0.32711 -10270.442 9.184576
219.960721 9.818213 -2454.930
171.205116
0.55141 -12383.417 9.184576
309.168346 9.818213 -5167.709
77.028768
0.77570 -14496.392 9.184576
398.375971 9.818213 -8795.200
-17.147580
1.00000 -16609.367 9.184576
487.583596 9.818213 -13337.404
-111.323928
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 561

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 SVB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
70.518208 9.818213 -337.220553
265.381464
0.32711 -10270.442 9.184576
159.650621 9.818213 -1516.882
171.205116
0.55141 -12383.417 9.184576
248.858246 9.818213 -3611.256
77.028768
0.77570 -14496.392 9.184576
338.065871 9.818213 -6620.343
-17.147580
1.00000 -16609.367 9.184576
427.273496 9.818213 -10544.142
-111.323928

COMB SVB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
70.518208 9.818213 -337.220553
265.381464
0.32711 -10270.442 9.184576
159.650621 9.818213 -1516.882
171.205116
0.55141 -12383.417 9.184576
248.858246 9.818213 -3611.256
77.028768
0.77570 -14496.392 9.184576
338.065871 9.818213 -6620.343
-17.147580
1.00000 -16609.367 9.184576
427.273496 9.818213 -10544.142
-111.323928

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10002.329 9.184547
95.569204 4.909107 -488.253847
265.706947
0.32711 -12115.304 9.184547
140.135411 4.909107 -1696.489
171.530902
0.55141 -14228.278 9.184547
184.739223 4.909107 -3362.081
77.354856
0.77570 -16341.253 9.184547
229.343036 4.909107 -5485.029
-16.821189
1.00000 -18454.228 9.184547
273.946848 4.909107 -8065.333
-110.997235

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10002.329 9.184547
95.569204 4.909107 -488.253847
265.706947
0.32711 -12115.304 9.184547
140.135411 4.909107 -1696.489
171.530902
0.55141 -14228.278 9.184547
184.739223 4.909107 -3362.081
77.354856
0.77570 -16341.253 9.184547
229.343036 4.909107 -5485.029
-16.821189
1.00000 -18454.228 9.184547
273.946848 4.909107 -8065.333
-110.997235

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10002.329 9.184547
35.259104 4.909107 -168.610277
265.706947
0.32711 -12115.304 9.184547
79.825311 4.909107 -758.441046
171.530902
0.55141 -14228.278 9.184547
124.429123 4.909107 -1805.628
77.354856
0.77570 -16341.253 9.184547
169.032936 4.909107 -3310.171
-16.821189
1.00000 -18454.228 9.184547
213.636748 4.909107 -5272.071
-110.997235

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10002.329 9.184547
35.259104 4.909107 -168.610277
265.706947
0.32711 -12115.304 9.184547
79.825311 4.909107 -758.441046
171.530902
0.55141 -14228.278 9.184547
124.429123 4.909107 -1805.628
77.354856
0.77570 -16341.253 9.184547
169.032936 4.909107 -3310.171
-16.821189
1.00000 -18454.228 9.184547
213.636748 4.909107 -5272.071
-110.997235
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 562

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
95.569204 4.909107 -488.253847
265.381464
0.32711 -10270.442 9.184576
140.135411 4.909107 -1696.489
171.205116
0.55141 -12383.417 9.184576
184.739223 4.909107 -3362.081
77.028768
0.77570 -14496.392 9.184576
229.343036 4.909107 -5485.029
-17.147580
1.00000 -16609.367 9.184576
273.946848 4.909107 -8065.333
-111.323928

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
95.569204 4.909107 -488.253847
265.381464
0.32711 -10270.442 9.184576
140.135411 4.909107 -1696.489
171.205116
0.55141 -12383.417 9.184576
184.739223 4.909107 -3362.081
77.028768
0.77570 -14496.392 9.184576
229.343036 4.909107 -5485.029
-17.147580
1.00000 -16609.367 9.184576
273.946848 4.909107 -8065.333
-111.323928

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
35.259104 4.909107 -168.610277
265.381464
0.32711 -10270.442 9.184576
79.825311 4.909107 -758.441046
171.205116
0.55141 -12383.417 9.184576
124.429123 4.909107 -1805.628
77.028768
0.77570 -14496.392 9.184576
169.032936 4.909107 -3310.171
-17.147580
1.00000 -16609.367 9.184576
213.636748 4.909107 -5272.071
-111.323928

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
35.259104 4.909107 -168.610277
265.381464
0.32711 -10270.442 9.184576
79.825311 4.909107 -758.441046
171.205116
0.55141 -12383.417 9.184576
124.429123 4.909107 -1805.628
77.028768
0.77570 -14496.392 9.184576
169.032936 4.909107 -3310.171
-17.147580
1.00000 -16609.367 9.184576
213.636748 4.909107 -5272.071
-111.323928

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14571.160 11.939886
7.39E-19 -2.29E-15 1.41E-17
345.695692
0.32711 -17318.027 11.939886
7.39E-19 -2.29E-15 6.50E-18
223.267090
0.55141 -20064.894 11.939886
7.39E-19 -2.29E-15 -1.07E-18
100.838488
0.77570 -22811.762 11.939886
7.39E-19 -2.29E-15 -8.65E-18
-21.590114
1.00000 -25558.629 11.939886
7.39E-19 -2.29E-15 -1.62E-17
-144.018716

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14571.160 11.939886
7.39E-19 -2.29E-15 1.41E-17
345.695692
0.32711 -17318.027 11.939886
7.39E-19 -2.29E-15 6.50E-18
223.267090
0.55141 -20064.894 11.939886
7.39E-19 -2.29E-15 -1.07E-18
100.838488
0.77570 -22811.762 11.939886
7.39E-19 -2.29E-15 -8.65E-18
-21.590114
1.00000 -25558.629 11.939886
7.39E-19 -2.29E-15 -1.62E-17
-144.018716
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 563

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398
0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398
0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
91.673670 12.763677 -438.386719
344.995903
0.32711 -13351.575 11.939949
207.545807 12.763677 -1971.947
222.566650

0.55141 -16098.442 11.939949
323.515720 12.763677 -4694.633
100.137398
0.77570 -18845.309 11.939949
439.485632 12.763677 -8606.445
-22.291854
1.00000 -21592.177 11.939949
555.455545 12.763677 -13707.384
-144.721106

COMB ULB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
91.673670 12.763677 -438.386719
344.995903
0.32711 -13351.575 11.939949
207.545807 12.763677 -1971.947
222.566650
0.55141 -16098.442 11.939949
323.515720 12.763677 -4694.633
100.137398
0.77570 -18845.309 11.939949
439.485632 12.763677 -8606.445
-22.291854
1.00000 -21592.177 11.939949
555.455545 12.763677 -13707.384
-144.721106

COMB ULB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
45.836835 6.381838 -219.193360
345.419031
0.32711 -15749.895 11.939911
103.772904 6.381838 -985.973359
222.990172
0.55141 -18496.762 11.939911
161.757860 6.381838 -2347.316
100.561313
0.77570 -21243.629 11.939911
219.742816 6.381838 -4303.223
-21.867546
1.00000 -23990.497 11.939911
277.727772 6.381838 -6853.692
-144.296405

COMB ULB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
45.836835 6.381838 -219.193360
345.419031
0.32711 -15749.895 11.939911
103.772904 6.381838 -985.973359
222.990172
0.55141 -18496.762 11.939911
161.757860 6.381838 -2347.316
100.561313
0.77570 -21243.629 11.939911
219.742816 6.381838 -4303.223
-21.867546
1.00000 -23990.497 11.939911
277.727772 6.381838 -6853.692
-144.296405

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 564

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 ULB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
45.836835 6.381838 -219.193360
344.995903
0.32711 -13351.575 11.939949
103.772904 6.381838 -985.973359
222.566650
0.55141 -16098.442 11.939949
161.757860 6.381838 -2347.316
100.137398
0.77570 -18845.309 11.939949
219.742816 6.381838 -4303.223
-22.291854
1.00000 -21592.177 11.939949
277.727772 6.381838 -6853.692
-144.721106

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
45.836835 6.381838 -219.193360
344.995903
0.32711 -13351.575 11.939949
103.772904 6.381838 -985.973359
222.566650
0.55141 -16098.442 11.939949
161.757860 6.381838 -2347.316
100.137398
0.77570 -18845.309 11.939949
219.742816 6.381838 -4303.223
-22.291854
1.00000 -21592.177 11.939949
277.727772 6.381838 -6853.692
-144.721106

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
78.403130 -1.14E-08 -415.536641
345.419031
0.32711 -15749.895 11.939911
78.403130 -1.14E-08 -1219.463
222.990172
0.55141 -18496.762 11.939911
78.403130 -1.14E-08 -2023.389
100.561313
0.77570 -21243.629 11.939911
78.403130 -1.14E-08 -2827.315
-21.867546
1.00000 -23990.497 11.939911
78.403130 -1.14E-08 -3631.241
-144.296405

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
78.403130 -1.14E-08 -415.536641
345.419031
0.32711 -15749.895 11.939911
78.403130 -1.14E-08 -1219.463
222.990172
0.55141 -18496.762 11.939911
78.403130 -1.14E-08 -2023.389
100.561313
0.77570 -21243.629 11.939911
78.403130 -1.14E-08 -2827.315
-21.867546
1.00000 -23990.497 11.939911
78.403130 -1.14E-08 -3631.241
-144.296405

COMB ULB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405

COMB ULB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 565

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 ULB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
78.403130 -1.14E-08 -415.536641
344.995903
0.32711 -13351.575 11.939949
78.403130 -1.14E-08 -1219.463
222.566650
0.55141 -16098.442 11.939949
78.403130 -1.14E-08 -2023.389
100.137398
0.77570 -18845.309 11.939949
78.403130 -1.14E-08 -2827.315
-22.291854
1.00000 -21592.177 11.939949
78.403130 -1.14E-08 -3631.241
-144.721106

COMB ULB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
78.403130 -1.14E-08 -415.536641
344.995903
0.32711 -13351.575 11.939949
78.403130 -1.14E-08 -1219.463
222.566650
0.55141 -16098.442 11.939949
78.403130 -1.14E-08 -2023.389
100.137398
0.77570 -18845.309 11.939949
78.403130 -1.14E-08 -2827.315
-22.291854
1.00000 -21592.177 11.939949
78.403130 -1.14E-08 -3631.241
-144.721106

COMB ULB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398
0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398
0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10196.834 11.480720
163.535384 12.272766 -821.080154
331.726829
0.32711 -12838.052 11.480720
274.950901 12.272766 -3068.663
214.006395
0.55141 -15479.271 11.480720
386.460433 12.272766 -6459.636
96.285960
0.77570 -18120.490 11.480720
497.969964 12.272766 -10994.000
-21.434475
1.00000 -20761.708 11.480720
609.479495 12.272766 -16671.755
-139.154910

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 566

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 ULB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10196.834 11.480720
88.147759 12.272766 -421.525691
331.726829
0.32711 -12838.052 11.480720
199.563276 12.272766 -1896.103
214.006395
0.55141 -15479.271 11.480720
311.072808 12.272766 -4514.070
96.285960
0.77570 -18120.490 11.480720
422.582339 12.272766 -8275.428
-21.434475
1.00000 -20761.708 11.480720
534.091870 12.272766 -13180.177
-139.154910

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10196.834 11.480720
88.147759 12.272766 -421.525691
331.726829
0.32711 -12838.052 11.480720
199.563276 12.272766 -1896.103
214.006395
0.55141 -15479.271 11.480720
311.072808 12.272766 -4514.070
96.285960
0.77570 -18120.490 11.480720
422.582339 12.272766 -8275.428
-21.434475
1.00000 -20761.708 11.480720
534.091870 12.272766 -13180.177
-139.154910

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -12502.911 11.480683
119.461505 6.136383 -610.317308
332.133684
0.32711 -15144.129 11.480683
175.169263 6.136383 -2120.612
214.413627
0.55141 -17785.348 11.480683
230.924029 6.136383 -4202.601
96.693570
0.77570 -20426.567 11.480683
286.678794 6.136383 -6856.286
-21.026487
1.00000 -23067.785 11.480683
342.433560 6.136383 -10081.667
-138.746544

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -12502.911 11.480683
119.461505 6.136383 -610.317308
332.133684
0.32711 -15144.129 11.480683
175.169263 6.136383 -2120.612
214.413627
0.55141 -17785.348 11.480683
230.924029 6.136383 -4202.601

96.693570
0.77570 -20426.567 11.480683
286.678794 6.136383 -6856.286
-21.026487
1.00000 -23067.785 11.480683
342.433560 6.136383 -10081.667
-138.746544

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -12502.911 11.480683
44.073880 6.136383 -210.762846
332.133684
0.32711 -15144.129 11.480683
99.781638 6.136383 -948.051307
214.413627
0.55141 -17785.348 11.480683
155.536404 6.136383 -2257.035
96.693570
0.77570 -20426.567 11.480683
211.291169 6.136383 -4137.714
-21.026487
1.00000 -23067.785 11.480683
267.045935 6.136383 -6590.089
-138.746544

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -12502.911 11.480683
44.073880 6.136383 -210.762846
332.133684
0.32711 -15144.129 11.480683
99.781638 6.136383 -948.051307
214.413627
0.55141 -17785.348 11.480683
155.536404 6.136383 -2257.035
96.693570
0.77570 -20426.567 11.480683
211.291169 6.136383 -4137.714
-21.026487
1.00000 -23067.785 11.480683
267.045935 6.136383 -6590.089
-138.746544

COMB ULB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10196.834 11.480720
119.461505 6.136383 -610.317308
331.726829
0.32711 -12838.052 11.480720
175.169263 6.136383 -2120.612
214.006395
0.55141 -15479.271 11.480720
230.924029 6.136383 -4202.601
96.285960
0.77570 -18120.490 11.480720
286.678794 6.136383 -6856.286
-21.434475
1.00000 -20761.708 11.480720
342.433560 6.136383 -10081.667
-139.154910

COMB ULB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10196.834 11.480720
119.461505 6.136383 -610.317308
331.726829
0.32711 -12838.052 11.480720
175.169263 6.136383 -2120.612
214.006395
0.55141 -15479.271 11.480720
230.924029 6.136383 -4202.601
96.285960
0.77570 -18120.490 11.480720
286.678794 6.136383 -6856.286
-21.434475
1.00000 -20761.708 11.480720
342.433560 6.136383 -10081.667
-139.154910

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10196.834 11.480720
44.073880 6.136383 -210.762846
331.726829
0.32711 -12838.052 11.480720
99.781638 6.136383 -948.051307
214.006395
0.55141 -15479.271 11.480720
155.536404 6.136383 -2257.035
96.285960
0.77570 -18120.490 11.480720
211.291169 6.136383 -4137.714
-21.434475
1.00000 -20761.708 11.480720
267.045935 6.136383 -6590.089
-139.154910

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10196.834 11.480720
44.073880 6.136383 -210.762846
331.726829
0.32711 -12838.052 11.480720
99.781638 6.136383 -948.051307
214.006395
0.55141 -15479.271 11.480720
155.536404 6.136383 -2257.035
96.285960
0.77570 -18120.490 11.480720
211.291169 6.136383 -4137.714
-21.434475
1.00000 -20761.708 11.480720
267.045935 6.136383 -6590.089
-139.154910

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -9788.961 11.021491
84.621849 11.781856 -404.664664
318.457756
0.32711 -12324.530 11.021491
191.580745 11.781856 -1820.259
205.446139
0.55141 -14860.100 11.021491
298.629895 11.781856 -4333.507
92.434521
0.77570 -17395.670 11.021491
405.679045 11.781856 -7944.411
-20.577096
1.00000 -19931.240 11.021491
512.728195 11.781856 -12652.970
-133.588714

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -9788.961 11.021491
84.621849 11.781856 -404.664664
318.457756
0.32711 -12324.530 11.021491
191.580745 11.781856 -1820.259
205.446139
0.55141 -14860.100 11.021491
298.629895 11.781856 -4333.507
92.434521
0.77570 -17395.670 11.021491
405.679045 11.781856 -7944.411
-20.577096
1.00000 -19931.240 11.021491
512.728195 11.781856 -12652.970
-133.588714

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -12123.919 9.184513
5.70E-19 -1.76E-15 1.09E-17
266.081253
0.32711 -14236.894 9.184513
5.70E-19 -1.76E-15 5.01E-18
171.905555
0.55141 -16349.869 9.184513
5.70E-19 -1.76E-15 -8.28E-19
77.729858
0.77570 -18462.844 9.184513
5.70E-19 -1.76E-15 -6.67E-18
-16.445840
1.00000 -20575.819 9.184513
5.70E-19 -1.76E-15 -1.25E-17
-110.621538

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -12123.919 9.184513
5.70E-19 -1.76E-15 1.09E-17
266.081253
0.32711 -14236.894 9.184513
5.70E-19 -1.76E-15 5.01E-18
171.905555
0.55141 -16349.869 9.184513
5.70E-19 -1.76E-15 -8.28E-19
77.729858
0.77570 -18462.844 9.184513
5.70E-19 -1.76E-15 -6.67E-18
-16.445840
1.00000 -20575.819 9.184513
5.70E-19 -1.76E-15 -1.25E-17
-110.621538

COMB UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
91.673670 12.763677 -438.386719
265.381464
0.32711 -10270.442 9.184576
207.545807 12.763677 -1971.947
171.205116
0.55141 -12383.417 9.184576
323.515720 12.763677 -4694.633
77.028768
0.77570 -14496.392 9.184576
439.485632 12.763677 -8606.445
-17.147580
1.00000 -16609.367 9.184576
555.455545 12.763677 -13707.384
-111.323928

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
91.673670 12.763677 -438.386719
265.381464
0.32711 -10270.442 9.184576
207.545807 12.763677 -1971.947
171.205116
0.55141 -12383.417 9.184576
323.515720 12.763677 -4694.633
77.028768
0.77570 -14496.392 9.184576
439.485632 12.763677 -8606.445
-17.147580
1.00000 -16609.367 9.184576
555.455545 12.763677 -13707.384
-111.323928

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
45.836835 6.381838 -219.193360
265.804592
0.32711 -12668.762 9.184538
103.772904 6.381838 -985.973359
171.628637
0.55141 -14781.737 9.184538
161.757860 6.381838 -2347.316
77.452683
0.77570 -16894.712 9.184538

219.742816 6.381838 -4303.223
-16.723272
1.00000 -19007.687 9.184538
277.727772 6.381838 -6853.692
-110.899227

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
45.836835 6.381838 -219.193360
265.804592
0.32711 -12668.762 9.184538
103.772904 6.381838 -985.973359
171.628637
0.55141 -14781.737 9.184538
161.757860 6.381838 -2347.316
77.452683
0.77570 -16894.712 9.184538
219.742816 6.381838 -4303.223
-16.723272
1.00000 -19007.687 9.184538
277.727772 6.381838 -6853.692
-110.899227

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
45.836835 6.381838 -219.193360
265.381464
0.32711 -10270.442 9.184576
103.772904 6.381838 -985.973359
171.205116
0.55141 -12383.417 9.184576
161.757860 6.381838 -2347.316
77.028768
0.77570 -14496.392 9.184576
219.742816 6.381838 -4303.223
-17.147580
1.00000 -16609.367 9.184576
277.727772 6.381838 -6853.692
-111.323928

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
45.836835 6.381838 -219.193360
265.381464
0.32711 -10270.442 9.184576
103.772904 6.381838 -985.973359
171.205116
0.55141 -12383.417 9.184576
161.757860 6.381838 -2347.316
77.028768
0.77570 -14496.392 9.184576
219.742816 6.381838 -4303.223
-17.147580
1.00000 -16609.367 9.184576
277.727772 6.381838 -6853.692
-111.323928

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
78.403130 -1.14E-08 -415.536641
265.804592
0.32711 -12668.762 9.184538
78.403130 -1.14E-08 -1219.463
171.628637
0.55141 -14781.737 9.184538
78.403130 -1.14E-08 -2023.389
77.452683
0.77570 -16894.712 9.184538
78.403130 -1.14E-08 -2827.315
-16.723272
1.00000 -19007.687 9.184538
78.403130 -1.14E-08 -3631.241
-110.899227

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
78.403130 -1.14E-08 -415.536641
265.804592
0.32711 -12668.762 9.184538
78.403130 -1.14E-08 -1219.463
171.628637
0.55141 -14781.737 9.184538
78.403130 -1.14E-08 -2023.389
77.452683
0.77570 -14894.712 9.184538
78.403130 -1.14E-08 -2827.315
-16.723272
1.00000 -19007.687 9.184538
78.403130 -1.14E-08 -3631.241
-110.899227

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
5.68E-19 -1.76E-15 1.08E-17
265.804592
0.32711 -12668.762 9.184538
5.68E-19 -1.76E-15 5.00E-18
171.628637
0.55141 -14781.737 9.184538
5.68E-19 -1.76E-15 -8.25E-19
77.452683
0.77570 -16894.712 9.184538
5.68E-19 -1.76E-15 -6.65E-18
-16.723272
1.00000 -19007.687 9.184538
5.68E-19 -1.76E-15 -1.25E-17
-110.899227

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
5.68E-19 -1.76E-15 1.08E-17
265.804592
0.32711 -12668.762 9.184538
5.68E-19 -1.76E-15 5.00E-18
171.628637
0.55141 -14781.737 9.184538
5.68E-19 -1.76E-15 -8.25E-19
77.452683
0.77570 -16894.712 9.184538
5.68E-19 -1.76E-15 -6.65E-18
-16.723272
1.00000 -19007.687 9.184538
5.68E-19 -1.76E-15 -1.25E-17
-110.899227

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 UEB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
78.403130 -1.14E-08 -415.536641
265.381464
0.32711 -10270.442 9.184576
78.403130 -1.14E-08 -1219.463
171.205116
0.55141 -12383.417 9.184576
78.403130 -1.14E-08 -2023.389
77.028768
0.77570 -14496.392 9.184576
78.403130 -1.14E-08 -2827.315
-17.147580
1.00000 -16609.367 9.184576
78.403130 -1.14E-08 -3631.241
-111.323928

COMB UEB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
78.403130 -1.14E-08 -415.536641
265.381464
0.32711 -10270.442 9.184576
78.403130 -1.14E-08 -1219.463
171.205116
0.55141 -12383.417 9.184576
78.403130 -1.14E-08 -2023.389
77.028768
0.77570 -14496.392 9.184576
78.403130 -1.14E-08 -2827.315
-17.147580
1.00000 -16609.367 9.184576
78.403130 -1.14E-08 -3631.241
-111.323928

COMB UEB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -7749.594 8.725347
163.535384 12.272766 -821.080154
252.112390
0.32711 -9756.920 8.725347
274.950901 12.272766 -3068.663
162.644860
0.55141 -11764.246 8.725347
386.460433 12.272766 -6459.636
73.177329
0.77570 -13771.572 8.725347
497.969964 12.272766 -10994.000
-16.290201
1.00000 -15778.898 8.725347
609.479495 12.272766 -16671.755
-105.757732

COMB UEB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -7749.594 8.725347
163.535384 12.272766 -821.080154
252.112390
0.32711 -9756.920 8.725347
274.950901 12.272766 -3068.663
162.644860
0.55141 -11764.246 8.725347
386.460433 12.272766 -6459.636
73.177329
0.77570 -13771.572 8.725347
497.969964 12.272766 -10994.000
-16.290201
1.00000 -15778.898 8.725347
609.479495 12.272766 -16671.755
-105.757732

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 UEB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -7749.594 8.725347
88.147759 12.272766 -421.525691
252.112390
0.32711 -9756.920 8.725347
199.563276 12.272766 -1896.103
162.644860
0.55141 -11764.246 8.725347
311.072808 12.272766 -4514.070
73.177329
0.77570 -13771.572 8.725347
422.582339 12.272766 -8275.428
-16.290201
1.00000 -15778.898 8.725347
534.091870 12.272766 -13180.177
-105.757732

COMB UEB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -7749.594 8.725347
88.147759 12.272766 -421.525691
252.112390
0.32711 -9756.920 8.725347
199.563276 12.272766 -1896.103
162.644860
0.55141 -11764.246 8.725347
311.072808 12.272766 -4514.070
73.177329
0.77570 -13771.572 8.725347
422.582339 12.272766 -8275.428
-16.290201
1.00000 -15778.898 8.725347
534.091870 12.272766 -13180.177
-105.757732

COMB UEB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10055.671 8.725310
119.461505 6.136383 -610.317308
252.519245
0.32711 -12062.997 8.725310
175.169263 6.136383 -2120.612
163.052092
0.55141 -14070.323 8.725310
230.924029 6.136383 -4202.601
73.584940
0.77570 -16077.649 8.725310
286.678794 6.136383 -6856.286
-15.882213
1.00000 -18084.975 8.725310
342.433560 6.136383 -10081.667
-105.349365

COMB UEB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10055.671 8.725310
119.461505 6.136383 -610.317308
252.519245
0.32711 -12062.997 8.725310
175.169263 6.136383 -2120.612
163.052092
0.55141 -14070.323 8.725310
230.924029 6.136383 -4202.601
73.584940
0.77570 -16077.649 8.725310
286.678794 6.136383 -6856.286
-15.882213
1.00000 -18084.975 8.725310
342.433560 6.136383 -10081.667
-105.349365

COMB UEB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10055.671 8.725310
44.073880 6.136383 -210.762846
252.519245
0.32711 -12062.997 8.725310
99.781638 6.136383 -948.051307
163.052092
0.55141 -14070.323 8.725310
155.536404 6.136383 -2257.035
73.584940
0.77570 -16077.649 8.725310
211.291169 6.136383 -4137.714
-15.882213
1.00000 -18084.975 8.725310
267.045935 6.136383 -6590.089
-105.349365

COMB UEB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10055.671 8.725310
44.073880 6.136383 -210.762846
252.519245
0.32711 -12062.997 8.725310
99.781638 6.136383 -948.051307
163.052092
0.55141 -14070.323 8.725310
155.536404 6.136383 -2257.035
73.584940
0.77570 -16077.649 8.725310
211.291169 6.136383 -4137.714
-15.882213

1.00000 -18084.975 8.725310
267.045935 6.136383 -6590.089
-105.349365

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 UEB14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-7749.594	8.725347
119.461505	6.136383	-610.317308
252.112390		
0.32711	-9756.920	8.725347
175.169263	6.136383	-2120.612
162.644860		
0.55141	-11764.246	8.725347
230.924029	6.136383	-4202.601
73.177329		
0.77570	-13771.572	8.725347
286.678794	6.136383	-6856.286
-16.290201		
1.00000	-15778.898	8.725347
342.433560	6.136383	-10081.667
-105.757732		

COMB UEB14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-7749.594	8.725347
119.461505	6.136383	-610.317308
252.112390		
0.32711	-9756.920	8.725347
175.169263	6.136383	-2120.612
162.644860		
0.55141	-11764.246	8.725347
230.924029	6.136383	-4202.601
73.177329		
0.77570	-13771.572	8.725347
286.678794	6.136383	-6856.286
-16.290201		
1.00000	-15778.898	8.725347
342.433560	6.136383	-10081.667
-105.757732		

COMB UEB15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-7749.594	8.725347
44.073880	6.136383	-210.762846
252.112390		
0.32711	-9756.920	8.725347
99.781638	6.136383	-948.051307
162.644860		
0.55141	-11764.246	8.725347
155.536404	6.136383	-2257.035
73.177329		
0.77570	-13771.572	8.725347
211.291169	6.136383	-4137.714
-16.290201		
1.00000	-15778.898	8.725347
267.045935	6.136383	-6590.089
-105.757732		

COMB UEB15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-7749.594	8.725347
44.073880	6.136383	-210.762846
252.112390		
0.32711	-9756.920	8.725347
99.781638	6.136383	-948.051307
162.644860		
0.55141	-11764.246	8.725347
155.536404	6.136383	-2257.035
73.177329		
0.77570	-13771.572	8.725347
211.291169	6.136383	-4137.714
-16.290201		
1.00000	-15778.898	8.725347
267.045935	6.136383	-6590.089
-105.757732		

COMB UEB16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8157.467	9.184576
5.64E-19	-1.76E-15	1.08E-17
265.381464		
0.32711	-10270.442	9.184576
5.64E-19	-1.76E-15	4.97E-18
171.205116		
0.55141	-12383.417	9.184576
5.64E-19	-1.76E-15	-8.21E-19
77.028768		
0.77570	-14496.392	9.184576
5.64E-19	-1.76E-15	-6.61E-18
-17.147580		
1.00000	-16609.367	9.184576
5.64E-19	-1.76E-15	-1.24E-17
-111.323928		

COMB UEB16 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8157.467	9.184576
5.64E-19	-1.76E-15	1.08E-17
265.381464		
0.32711	-10270.442	9.184576
5.64E-19	-1.76E-15	4.97E-18
171.205116		
0.55141	-12383.417	9.184576
5.64E-19	-1.76E-15	-8.21E-19
77.028768		
0.77570	-14496.392	9.184576
5.64E-19	-1.76E-15	-6.61E-18
-17.147580		
1.00000	-16609.367	9.184576
5.64E-19	-1.76E-15	-1.24E-17
-111.323928		

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 UEB17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10555.787	9.184538
5.68E-19	-1.76E-15	1.08E-17
265.804592		
0.32711	-12668.762	9.184538
5.68E-19	-1.76E-15	5.00E-18
171.628637		
0.55141	-14781.737	9.184538
5.68E-19	-1.76E-15	-8.25E-19
77.452683		
0.77570	-16894.712	9.184538
5.68E-19	-1.76E-15	-6.65E-18
-16.723272		
1.00000	-19007.687	9.184538
5.68E-19	-1.76E-15	-1.25E-17
-110.899227		

COMB UEB17 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10555.787	9.184538
5.68E-19	-1.76E-15	1.08E-17
265.804592		
0.32711	-12668.762	9.184538
5.68E-19	-1.76E-15	5.00E-18
171.628637		
0.55141	-14781.737	9.184538
5.68E-19	-1.76E-15	-8.25E-19
77.452683		
0.77570	-16894.712	9.184538
5.68E-19	-1.76E-15	-6.65E-18
-16.723272		
1.00000	-19007.687	9.184538
5.68E-19	-1.76E-15	-1.25E-17
-110.899227		

COMB UEB18 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-7341.720	8.266119
84.621849	11.781856	-404.664664
238.843317		
0.32711	-9243.398	8.266119
191.580745	11.781856	-1820.259
154.084604		
0.55141	-11145.075	8.266119
298.629895	11.781856	-4333.507
69.325891		
0.77570	-13046.753	8.266119
405.679045	11.781856	-7944.411
-15.432822		
1.00000	-14948.430	8.266119
512.728195	11.781856	-12652.970
-100.191535		

COMB UEB18 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-7341.720	8.266119
84.621849	11.781856	-404.664664
238.843317		
0.32711	-9243.398	8.266119
191.580745	11.781856	-1820.259
154.084604		
0.55141	-11145.075	8.266119
298.629895	11.781856	-4333.507
69.325891		
0.77570	-13046.753	8.266119
405.679045	11.781856	-7944.411
-15.432822		
1.00000	-14948.430	8.266119
512.728195	11.781856	-12652.970
-100.191535		

COMB SVO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10002.329	9.184547
5.67E-19	-1.76E-15	1.08E-17
265.706947		
0.32711	-12115.304	9.184547
5.67E-19	-1.76E-15	4.99E-18
171.530902		
0.55141	-14228.278	9.184547
5.67E-19	-1.76E-15	-8.24E-19
77.354856		
0.77570	-16341.253	9.184547
5.67E-19	-1.76E-15	-6.64E-18
-16.821189		
1.00000	-18454.228	9.184547
5.67E-19	-1.76E-15	-1.24E-17
-110.997235		

COMB SVO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10002.329	9.184547
5.67E-19	-1.76E-15	1.08E-17
265.706947		
0.32711	-12115.304	9.184547
5.67E-19	-1.76E-15	4.99E-18
171.530902		
0.55141	-14228.278	9.184547
5.67E-19	-1.76E-15	-8.24E-19
77.354856		
0.77570	-16341.253	9.184547
5.67E-19	-1.76E-15	-6.64E-18
-16.821189		
1.00000	-18454.228	9.184547
5.67E-19	-1.76E-15	-1.24E-17
-110.997235		

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 SVO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8157.467	9.184576
5.64E-19	-1.76E-15	1.08E-17
265.381464		
0.32711	-10270.442	9.184576
5.64E-19	-1.76E-15	4.97E-18
171.205116		
0.55141	-12383.417	9.184576
5.64E-19	-1.76E-15	-8.21E-19
77.028768		
0.77570	-14496.392	9.184576
5.64E-19	-1.76E-15	-6.61E-18
-17.147580		
1.00000	-16609.367	9.184576
5.64E-19	-1.76E-15	-1.24E-17
-111.323928		

COMB SVO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8157.467	9.184576
5.64E-19	-1.76E-15	1.08E-17
265.381464		
0.32711	-10270.442	9.184576
5.64E-19	-1.76E-15	4.97E-18
171.205116		
0.55141	-12383.417	9.184576
5.64E-19	-1.76E-15	-8.21E-19
77.028768		
0.77570	-14496.392	9.184576
5.64E-19	-1.76E-15	-6.61E-18
-17.147580		
1.00000	-16609.367	9.184576
5.64E-19	-1.76E-15	-1.24E-17
-111.323928		

COMB SVO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-5313.589	-345.454589
-8.66E-17	-1.39E-15	-1.65E-15
-8136.137		
0.32711	-7426.564	-416.145813
-8.66E-17	-1.39E-15	-7.62E-16
-4231.813		
0.55141	-9539.539	-486.896688
-8.66E-17	-1.39E-15	1.26E-16
397.973449		
0.77570	-11652.514	-557.647563
-8.66E-17	-1.39E-15	1.01E-15
5753.221		
1.00000	-13765.488	-628.398438
-8.66E-17	-1.39E-15	1.90E-15
11833.931		

COMB SVO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-5313.589	-345.454589
-8.66E-17	-1.39E-15	-1.65E-15
-8136.137		
0.32711	-7426.564	-416.145813
-8.66E-17	-1.39E-15	-7.62E-16
-4231.813		
0.55141	-9539.539	-486.896688
-8.66E-17	-1.39E-15	1.26E-16
397.973449		
0.77570	-11652.514	-557.647563
-8.66E-17	-1.39E-15	1.01E-15
5753.221		
1.00000	-13765.488	-628.398438
-8.66E-17	-1.39E-15	1.90E-15
11833.931		

COMB SVO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8288.099	-209.340231
-5.19E-17	-1.60E-15	-9.90E-16
-4695.724		
0.32711	-10401.074	-244.685844
-5.19E-17	-1.60E-15	-4.57E-16
-2368.141		
0.55141	-12514.049	-280.061281
-5.19E-17	-1.60E-15	7.55E-17
322.171429		
0.77570	-14627.024	-315.436719
-5.19E-17	-1.60E-15	6.08E-16
3375.215		
1.00000	-16739.999	-350.812156
-5.19E-17	-1.60E-15	1.14E-15
6790.990		

COMB SVO04 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8288.099	-209.340231
-5.19E-17	-1.60E-15	-9.90E-16
-4695.724		
0.32711	-10401.074	-244.685844
-5.19E-17	-1.60E-15	-4.57E-16
-2368.141		
0.55141	-12514.049	-280.061281
-5.19E-17	-1.60E-15	7.55E-17
322.171429		
0.77570	-14627.024	-315.436719
-5.19E-17	-1.60E-15	6.08E-16
3375.215		
1.00000	-16739.999	-350.812156
-5.19E-17	-1.60E-15	1.14E-15
6790.990		

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 SVO05 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-6443.237	-209.340202
-5.19E-17	-1.60E-15	-9.90E-16
-4696.049		
0.32711	-8556.212	-244.685814
-5.19E-17	-1.60E-15	-4.57E-16

-2368.467
0.55141 -10669.187 -280.061252
-5.19E-17 -1.60E-15 7.55E-17
321.845340
0.77570 -12782.162 -315.436689
-5.19E-17 -1.60E-15 6.08E-16
3374.889
1.00000 -14895.137 -350.812127
-5.19E-17 -1.60E-15 1.14E-15
6790.663

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -6443.237 -209.340202
-5.19E-17 -1.60E-15 -9.90E-16
-4696.049
0.32711 -8556.212 -244.685814
-5.19E-17 -1.60E-15 -4.57E-16
-2368.467
0.55141 -10669.187 -280.061252
-5.19E-17 -1.60E-15 7.55E-17
321.845340
0.77570 -12782.162 -315.436689
-5.19E-17 -1.60E-15 6.08E-16
3374.889
1.00000 -14895.137 -350.812127
-5.19E-17 -1.60E-15 1.14E-15
6790.663

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10002.274 24.526357
4.80E-19 -1.10E-15 9.15E-18
561.845656
0.32711 -12115.248 24.526357
4.80E-19 -1.10E-15 4.23E-18
310.358518
0.55141 -14228.223 24.526357
4.80E-19 -1.10E-15 -6.98E-19
58.871380
0.77570 -16341.198 24.526357
4.80E-19 -1.10E-15 -5.62E-18
-192.615757
1.00000 -18454.173 24.526357
4.80E-19 -1.10E-15 -1.05E-17
-444.102895

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10002.274 24.526357
4.80E-19 -1.10E-15 9.15E-18
561.845656
0.32711 -12115.248 24.526357
4.80E-19 -1.10E-15 4.23E-18
310.358518
0.55141 -14228.223 24.526357
4.80E-19 -1.10E-15 -6.98E-19
58.871380
0.77570 -16341.198 24.526357
4.80E-19 -1.10E-15 -5.62E-18
-192.615757
1.00000 -18454.173 24.526357
4.80E-19 -1.10E-15 -1.05E-17
-444.102895

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10002.329 9.184547
5.67E-19 -1.76E-15 1.08E-17
265.706947
0.32711 -12115.304 9.184547
5.67E-19 -1.76E-15 4.99E-18
171.530902
0.55141 -14228.278 9.184547
5.67E-19 -1.76E-15 -8.24E-19
77.354856
0.77570 -16341.253 9.184547
5.67E-19 -1.76E-15 -6.64E-18
-16.821189
1.00000 -18454.228 9.184547
5.67E-19 -1.76E-15 -1.24E-17
-110.997235

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10002.329 9.184547
5.67E-19 -1.76E-15 1.08E-17
265.706947
0.32711 -12115.304 9.184547
5.67E-19 -1.76E-15 4.99E-18
171.530902
0.55141 -14228.278 9.184547
5.67E-19 -1.76E-15 -8.24E-19
77.354856
0.77570 -16341.253 9.184547
5.67E-19 -1.76E-15 -6.64E-18
-16.821189
1.00000 -18454.228 9.184547
5.67E-19 -1.76E-15 -1.24E-17
-110.997235
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 577

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.412 24.526387
4.78E-19 -1.10E-15 9.10E-18
561.520172
0.32711 -10270.387 24.526387
4.78E-19 -1.10E-15 4.20E-18
310.032732
0.55141 -12383.362 24.526387
4.78E-19 -1.10E-15 -6.95E-19
58.545292
0.77570 -14496.337 24.526387
4.78E-19 -1.10E-15 -5.59E-18
-192.942148
1.00000 -16609.312 24.526387
4.78E-19 -1.10E-15 -1.05E-17
-444.429588

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.412 24.526387
4.78E-19 -1.10E-15 9.10E-18
561.520172
0.32711 -10270.387 24.526387
4.78E-19 -1.10E-15 4.20E-18
310.032732
0.55141 -12383.362 24.526387
4.78E-19 -1.10E-15 -6.95E-19
58.545292
0.77570 -14496.337 24.526387
4.78E-19 -1.10E-15 -5.59E-18
-192.942148
1.00000 -16609.312 24.526387
4.78E-19 -1.10E-15 -1.05E-17
-444.429588

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -5313.534 -330.112778
-8.66E-17 -7.29E-16 -1.65E-15
-7839.998
0.32711 -7426.509 -400.804002
-8.66E-17 -7.29E-16 -7.62E-16
-4092.985
0.55141 -9539.484 -471.554877
-8.66E-17 -7.29E-16 1.26E-16
379.489973
0.77570 -11652.458 -542.305752
-8.66E-17 -7.29E-16 1.01E-15
5577.427
1.00000 -13765.433 -613.056627
-8.66E-17 -7.29E-16 1.90E-15
11500.825

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -5313.534 -330.112778
-8.66E-17 -7.29E-16 -1.65E-15
-7839.998
0.32711 -7426.509 -400.804002
-8.66E-17 -7.29E-16 -7.62E-16
-4092.985
0.55141 -9539.484 -471.554877
-8.66E-17 -7.29E-16 1.26E-16
379.489973
0.77570 -11652.458 -542.305752
-8.66E-17 -7.29E-16 1.01E-15
5577.427
1.00000 -13765.433 -613.056627
-8.66E-17 -7.29E-16 1.90E-15
11500.825
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 578

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 SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -5313.589 -345.454589
-8.66E-17 -1.39E-15 -1.65E-15
-8136.137
0.32711 -7426.564 -416.145813
-8.66E-17 -1.39E-15 -7.62E-16
-4231.813
0.55141 -9539.539 -486.896688
-8.66E-17 -1.39E-15 1.26E-16
397.973449
0.77570 -11652.514 -557.647563
-8.66E-17 -1.39E-15 1.01E-15
5753.221
1.00000 -13765.488 -628.398438
-8.66E-17 -1.39E-15 1.90E-15
11833.931

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -5313.589 -345.454589
-8.66E-17 -1.39E-15 -1.65E-15
-8136.137
0.32711 -7426.564 -416.145813
-8.66E-17 -1.39E-15 -7.62E-16
-4231.813
0.55141 -9539.539 -486.896688
-8.66E-17 -1.39E-15 1.26E-16
397.973449
0.77570 -11652.514 -557.647563
-8.66E-17 -1.39E-15 1.01E-15
5753.221
1.00000 -13765.488 -628.398438
-8.66E-17 -1.39E-15 1.90E-15
11833.931

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8288.044 -193.998421
-5.20E-17 -9.36E-16 -9.91E-16
-4399.585
0.32711 -10401.019 -229.344033
-5.20E-17 -9.36E-16 -4.58E-16
-2229.314
0.55141 -12513.994 -264.719470
-5.20E-17 -9.36E-16 7.57E-17
303.687953
0.77570 -14626.969 -300.094908
-5.20E-17 -9.36E-16 6.09E-16
3199.421
1.00000 -16739.943 -335.470345
-5.20E-17 -9.36E-16 1.14E-15
6457.884

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8288.044 -193.998421
-5.20E-17 -9.36E-16 -9.91E-16
-4399.585
0.32711 -10401.019 -229.344033
-5.20E-17 -9.36E-16 -4.58E-16
-2229.314
0.55141 -12513.994 -264.719470
-5.20E-17 -9.36E-16 7.57E-17
303.687953
0.77570 -14626.969 -300.094908
-5.20E-17 -9.36E-16 6.09E-16
3199.421
1.00000 -16739.943 -335.470345
-5.20E-17 -9.36E-16 1.14E-15
6457.884

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8288.099 -209.340231
-5.19E-17 -1.60E-15 -9.90E-16
-4695.724
0.32711 -10401.074 -244.685844
-5.19E-17 -1.60E-15 -4.57E-16
-2368.141
0.55141 -12514.049 -280.061281
-5.19E-17 -1.60E-15 7.55E-17
322.171429
0.77570 -14627.024 -315.436719
-5.19E-17 -1.60E-15 6.08E-16
3375.215
1.00000 -16739.999 -350.812156
-5.19E-17 -1.60E-15 1.14E-15
6790.990

COMB SVO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8288.099 -209.340231
-5.19E-17 -1.60E-15 -9.90E-16
-4695.724
0.32711 -10401.074 -244.685844
-5.19E-17 -1.60E-15 -4.57E-16
-2368.141
0.55141 -12514.049 -280.061281
-5.19E-17 -1.60E-15 7.55E-17
322.171429
0.77570 -14627.024 -315.436719
-5.19E-17 -1.60E-15 6.08E-16
3375.215
1.00000 -16739.999 -350.812156
-5.19E-17 -1.60E-15 1.14E-15
6790.990
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 579

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 SVO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -6443.182 -193.998391
-5.20E-17 -9.36E-16 -9.91E-16
-4399.910
0.32711 -8556.157 -229.344003
-5.20E-17 -9.36E-16 -4.58E-16
-2229.640
0.55141 -10669.132 -264.719441
-5.20E-17 -9.36E-16 7.57E-17
303.361865
0.77570 -12782.107 -300.094878
-5.20E-17 -9.36E-16 6.09E-16
3199.094
1.00000 -14895.082 -335.470316
-5.20E-17 -9.36E-16 1.14E-15
6457.558

COMB SVO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -6443.182 -193.998391
-5.20E-17 -9.36E-16 -9.91E-16
-4399.910
0.32711 -8556.157 -229.344003
-5.20E-17 -9.36E-16 -4.58E-16
-2229.640
0.55141 -10669.132 -264.719441

-5.20E-17 -9.36E-16 7.57E-17
303.361865
0.77570 -12782.107 -300.094878
-5.20E-17 -9.36E-16 6.09E-16
3199.094
1.00000 -14895.082 -335.470316
-5.20E-17 -9.36E-16 1.14E-15
6457.558

COMB SVO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -6443.237 -209.340202
-5.19E-17 -1.60E-15 -9.90E-16
-4696.049
0.32711 -8556.212 -244.685814
-5.19E-17 -1.60E-15 -4.57E-16
-2368.467
0.55141 -10669.187 -280.061252
-5.19E-17 -1.60E-15 7.55E-17
321.845340
0.77570 -12782.162 -315.436689
-5.19E-17 -1.60E-15 6.08E-16
3374.889
1.00000 -14895.137 -350.812127
-5.19E-17 -1.60E-15 1.14E-15
6790.663

COMB SVO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -6443.237 -209.340202
-5.19E-17 -1.60E-15 -9.90E-16
-4696.049
0.32711 -8556.212 -244.685814
-5.19E-17 -1.60E-15 -4.57E-16
-2368.467
0.55141 -10669.187 -280.061252
-5.19E-17 -1.60E-15 7.55E-17
321.845340
0.77570 -12782.162 -315.436689
-5.19E-17 -1.60E-15 6.08E-16
3374.889
1.00000 -14895.137 -350.812127
-5.19E-17 -1.60E-15 1.14E-15
6790.663

COMB ULO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14571.160 11.939886
7.39E-19 -2.29E-15 1.41E-17
345.695692
0.32711 -17318.027 11.939886
7.39E-19 -2.29E-15 6.50E-18
223.267090
0.55141 -20064.894 11.939886
7.39E-19 -2.29E-15 -1.07E-18
100.838488
0.77570 -22811.762 11.939886
7.39E-19 -2.29E-15 -8.65E-18
-21.590114
1.00000 -25558.629 11.939886
7.39E-19 -2.29E-15 -1.62E-17
-144.018716

COMB ULO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14571.160 11.939886
7.39E-19 -2.29E-15 1.41E-17
345.695692
0.32711 -17318.027 11.939886
7.39E-19 -2.29E-15 6.50E-18
223.267090
0.55141 -20064.894 11.939886
7.39E-19 -2.29E-15 -1.07E-18
100.838488
0.77570 -22811.762 11.939886
7.39E-19 -2.29E-15 -8.65E-18
-21.590114
1.00000 -25558.629 11.939886
7.39E-19 -2.29E-15 -1.62E-17
-144.018716
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 580

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 ULO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398
0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398
0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -6907.666 -449.090965
-1.13E-16 -1.81E-15 -2.14E-15
-10576.978
0.32711 -9654.533 -540.989557
-1.13E-16 -1.81E-15 -9.90E-16
-5501.356
0.55141 -12401.400 -632.965695
-1.13E-16 -1.81E-15 1.64E-16
517.365483
0.77570 -15148.268 -724.941832
-1.13E-16 -1.81E-15 1.32E-15
7479.188
1.00000 -17895.135 -816.917970
-1.13E-16 -1.81E-15 2.47E-15
15384.110

COMB ULO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -6907.666 -449.090965
-1.13E-16 -1.81E-15 -2.14E-15
-10576.978
0.32711 -9654.533 -540.989557
-1.13E-16 -1.81E-15 -9.90E-16
-5501.356
0.55141 -12401.400 -632.965695
-1.13E-16 -1.81E-15 1.64E-16
517.365483
0.77570 -15148.268 -724.941832
-1.13E-16 -1.81E-15 1.32E-15
7479.188
1.00000 -17895.135 -816.917970
-1.13E-16 -1.81E-15 2.47E-15
15384.110

COMB ULO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10774.529 -272.142301
-6.75E-17 -2.08E-15 -1.29E-15
-6104.441
0.32711 -13521.396 -318.091597
-6.75E-17 -2.08E-15 -5.94E-16
-3078.584
0.55141 -16268.263 -364.079665
-6.75E-17 -2.08E-15 9.82E-17
418.822857
0.77570 -19015.131 -410.067734
-6.75E-17 -2.08E-15 7.91E-16
4387.780
1.00000 -21761.998 -456.055803
-6.75E-17 -2.08E-15 1.48E-15
8828.287
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 581

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 ULO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8376.209 -272.142262
-6.75E-17 -2.08E-15 -1.29E-15
-6104.864
0.32711 -11123.076 -318.091558
-6.75E-17 -2.08E-15 -5.94E-16
-3079.007
0.55141 -13869.943 -364.079627
-6.75E-17 -2.08E-15 9.82E-17
418.398942
0.77570 -16616.811 -410.067696
-6.75E-17 -2.08E-15 7.91E-16
4387.355
1.00000 -19363.678 -456.055765
-6.75E-17 -2.08E-15 1.48E-15
8827.862

COMB ULO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8376.209 -272.142262
-6.75E-17 -2.08E-15 -1.29E-15
-6104.864
0.32711 -11123.076 -318.091558
-6.75E-17 -2.08E-15 -5.94E-16
-3079.007
0.55141 -13869.943 -364.079627
-6.75E-17 -2.08E-15 9.82E-17
418.398942
0.77570 -16616.811 -410.067696
-6.75E-17 -2.08E-15 7.91E-16
4387.355
1.00000 -19363.678 -456.055765
-6.75E-17 -2.08E-15 1.48E-15
8827.862

COMB ULO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13002.956 31.884265
6.24E-19 -1.43E-15 1.19E-17
730.399353
0.32711 -15749.823 31.884265
6.24E-19 -1.43E-15 5.49E-18
403.466074
0.55141 -18496.690 31.884265
6.24E-19 -1.43E-15 -9.08E-19
76.532795
0.77570 -21243.558 31.884265
6.24E-19 -1.43E-15 -7.31E-18
-250.400485
1.00000 -23990.425 31.884265
6.24E-19 -1.43E-15 -1.37E-17
-577.333764

COMB ULO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13002.956 31.884265
6.24E-19 -1.43E-15 1.19E-17
730.399353
0.32711 -15749.823 31.884265
6.24E-19 -1.43E-15 5.49E-18
403.466074
0.55141 -18496.690 31.884265
6.24E-19 -1.43E-15 -9.08E-19
76.532795
0.77570 -21243.558 31.884265
6.24E-19 -1.43E-15 -7.31E-18
-250.400485
1.00000 -23990.425 31.884265
6.24E-19 -1.43E-15 -1.37E-17
-577.333764

COMB ULO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405

COMB ULO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 582

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 ULO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.636 31.884303
6.21E-19 -1.43E-15 1.18E-17
729.976224
0.32711 -13351.503 31.884303
6.21E-19 -1.43E-15 5.46E-18
403.042552
0.55141 -16098.370 31.884303
6.21E-19 -1.43E-15 -9.03E-19
76.108880
0.77570 -18845.238 31.884303
6.21E-19 -1.43E-15 -7.27E-18
-250.824793
1.00000 -21592.105 31.884303
6.21E-19 -1.43E-15 -1.36E-17
-577.758465

COMB ULO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.636 31.884303
6.21E-19 -1.43E-15 1.18E-17
729.976224
0.32711 -13351.503 31.884303
6.21E-19 -1.43E-15 5.46E-18
403.042552
0.55141 -16098.370 31.884303
6.21E-19 -1.43E-15 -9.03E-19
76.108880
0.77570 -18845.238 31.884303
6.21E-19 -1.43E-15 -7.27E-18
-250.824793
1.00000 -21592.105 31.884303
6.21E-19 -1.43E-15 -1.36E-17
-577.758465

COMB ULO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398

0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULO9 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10604.707 11.939949
7.34E-19 -2.29E-15 1.40E-17
344.995903
0.32711 -13351.575 11.939949
7.34E-19 -2.29E-15 6.46E-18
222.566650
0.55141 -16098.442 11.939949
7.34E-19 -2.29E-15 -1.07E-18
100.137398
0.77570 -18845.309 11.939949
7.34E-19 -2.29E-15 -8.59E-18
-22.291854
1.00000 -21592.177 11.939949
7.34E-19 -2.29E-15 -1.61E-17
-144.721106

COMB ULO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -6641.917 -412.640972
-1.08E-16 -9.12E-16 -2.06E-15
-9799.998
0.32711 -9283.136 -501.005003
-1.08E-16 -9.12E-16 -9.53E-16
-5116.231
0.55141 -11924.355 -589.443597
-1.08E-16 -9.12E-16 1.57E-16
474.362466
0.77570 -14565.573 -677.882190
-1.08E-16 -9.12E-16 1.27E-15
6971.783
1.00000 -17206.792 -766.320784
-1.08E-16 -9.12E-16 2.38E-15
14376.031

COMB ULO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -6641.917 -412.640972
-1.08E-16 -9.12E-16 -2.06E-15
-9799.998
0.32711 -9283.136 -501.005003
-1.08E-16 -9.12E-16 -9.53E-16
-5116.231
0.55141 -11924.355 -589.443597
-1.08E-16 -9.12E-16 1.57E-16
474.362466
0.77570 -14565.573 -677.882190
-1.08E-16 -9.12E-16 1.27E-15
6971.783
1.00000 -17206.792 -766.320784
-1.08E-16 -9.12E-16 2.38E-15
14376.031
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 583

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 ULO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -6641.986 -431.818236
-1.08E-16 -1.74E-15 -2.06E-15
-10170.171
0.32711 -9283.205 -520.182266
-1.08E-16 -1.74E-15 -9.52E-16
-5289.766
0.55141 -11924.423 -608.620860
-1.08E-16 -1.74E-15 1.57E-16
497.466811
0.77570 -14565.642 -697.059454
-1.08E-16 -1.74E-15 1.27E-15
7191.527
1.00000 -17206.861 -785.498048
-1.08E-16 -1.74E-15 2.38E-15
14792.414

COMB ULO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -6641.986 -431.818236
-1.08E-16 -1.74E-15 -2.06E-15
-10170.171
0.32711 -9283.205 -520.182266
-1.08E-16 -1.74E-15 -9.52E-16
-5289.766
0.55141 -11924.423 -608.620860
-1.08E-16 -1.74E-15 1.57E-16
497.466811
0.77570 -14565.642 -697.059454
-1.08E-16 -1.74E-15 1.27E-15
7191.527
1.00000 -17206.861 -785.498048
-1.08E-16 -1.74E-15 2.38E-15
14792.414

COMB ULO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10360.055 -242.498026
-6.50E-17 -1.17E-15 -1.24E-15
-5499.481
0.32711 -13001.273 -286.680041
-6.50E-17 -1.17E-15 -5.72E-16
-2786.642
0.55141 -15642.492 -330.899338
-6.50E-17 -1.17E-15 9.46E-17
379.609941
0.77570 -18283.711 -375.118635
-6.50E-17 -1.17E-15 7.61E-16
3999.276
1.00000 -20924.929 -419.337932
-6.50E-17 -1.17E-15 1.43E-15
8072.355

COMB ULO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10360.055 -242.498026
-6.50E-17 -1.17E-15 -1.24E-15
-5499.481
0.32711 -13001.273 -286.680041
-6.50E-17 -1.17E-15 -5.72E-16
-2786.642
0.55141 -15642.492 -330.899338
-6.50E-17 -1.17E-15 9.46E-17
379.609941
0.77570 -18283.711 -375.118635
-6.50E-17 -1.17E-15 7.61E-16
3999.276
1.00000 -20924.929 -419.337932
-6.50E-17 -1.17E-15 1.43E-15
8072.355

COMB ULO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10360.124 -261.675289
-6.49E-17 -2.00E-15 -1.24E-15
-5869.655
0.32711 -13001.342 -305.857304
-6.49E-17 -2.00E-15 -5.71E-16
-2960.177
0.55141 -15642.561 -350.076601
-6.49E-17 -2.00E-15 9.44E-17
402.714286
0.77570 -18283.780 -394.295898
-6.49E-17 -2.00E-15 7.60E-16
4219.019
1.00000 -20924.998 -438.515195
-6.49E-17 -2.00E-15 1.43E-15
8488.737

COMB ULO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10360.124 -261.675289
-6.49E-17 -2.00E-15 -1.24E-15
-5869.655
0.32711 -13001.342 -305.857304
-6.49E-17 -2.00E-15 -5.71E-16
-2960.177
0.55141 -15642.561 -350.076601
-6.49E-17 -2.00E-15 9.44E-17
402.714286
0.77570 -18283.780 -394.295898
-6.49E-17 -2.00E-15 7.60E-16
4219.019
1.00000 -20924.998 -438.515195
-6.49E-17 -2.00E-15 1.43E-15
8488.737
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 584

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 ULO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8053.978 -242.497989
-6.50E-17 -1.17E-15 -1.24E-15
-5499.888
0.32711 -10695.196 -286.680004
-6.50E-17 -1.17E-15 -5.72E-16
-2787.050
0.55141 -13336.415 -330.899301
-6.50E-17 -1.17E-15 9.46E-17
379.202331
0.77570 -15977.634 -375.118598
-6.50E-17 -1.17E-15 7.61E-16
3998.868
1.00000 -18618.852 -419.337895
-6.50E-17 -1.17E-15 1.43E-15
8071.947

COMB ULO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8053.978 -242.497989
-6.50E-17 -1.17E-15 -1.24E-15
-5499.888
0.32711 -10695.196 -286.680004
-6.50E-17 -1.17E-15 -5.72E-16
-2787.050
0.55141 -13336.415 -330.899301
-6.50E-17 -1.17E-15 9.46E-17
379.202331
0.77570 -15977.634 -375.118598
-6.50E-17 -1.17E-15 7.61E-16
3998.868
1.00000 -18618.852 -419.337895
-6.50E-17 -1.17E-15 1.43E-15
8071.947

COMB ULO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8054.047 -261.675252
-6.49E-17 -2.00E-15 -1.24E-15
-5870.061
0.32711 -10695.265 -305.857268
-6.49E-17 -2.00E-15 -5.71E-16
-2960.584
0.55141 -13336.484 -350.076564
-6.49E-17 -2.00E-15 9.44E-17
402.306675
0.77570 -15977.703 -394.295861
-6.49E-17 -2.00E-15 7.60E-16
4218.611
1.00000 -18618.921 -438.515158
-6.49E-17 -2.00E-15 1.43E-15
8488.329

COMB ULO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8054.047 -261.675252
-6.49E-17 -2.00E-15 -1.24E-15
-5870.061
0.32711 -10695.265 -305.857268
-6.49E-17 -2.00E-15 -5.71E-16
-2960.584
0.55141 -13336.484 -350.076564
-6.49E-17 -2.00E-15 9.44E-17
402.306675
0.77570 -15977.703 -394.295861
-6.49E-17 -2.00E-15 7.60E-16
4218.611
1.00000 -18618.921 -438.515158
-6.49E-17 -2.00E-15 1.43E-15
8488.329

COMB ULO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB ULO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 585

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 ULO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405

COMB ULO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13003.027 11.939911
7.37E-19 -2.29E-15 1.40E-17
345.419031
0.32711 -15749.895 11.939911
7.37E-19 -2.29E-15 6.48E-18
222.990172
0.55141 -18496.762 11.939911
7.37E-19 -2.29E-15 -1.07E-18
100.561313
0.77570 -21243.629 11.939911
7.37E-19 -2.29E-15 -8.63E-18
-21.867546
1.00000 -23990.497 11.939911
7.37E-19 -2.29E-15 -1.62E-17
-144.296405

COMB ULO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -6376.307 -414.545506
-1.04E-16 -1.67E-15 -1.98E-15
-9763.364
0.32711 -8911.877 -499.374976
-1.04E-16 -1.67E-15 -9.14E-16
-5078.175
0.55141 -11447.446 -584.276026
-1.04E-16 -1.67E-15 1.51E-16
477.568138
0.77570 -13983.016 -669.177076
-1.04E-16 -1.67E-15 1.22E-15
6903.866
1.00000 -16518.586 -754.078126
-1.04E-16 -1.67E-15 2.28E-15
14200.717

COMB ULO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -6376.307 -414.545506
-1.04E-16 -1.67E-15 -1.98E-15
-9763.364
0.32711 -8911.877 -499.374976
-1.04E-16 -1.67E-15 -9.14E-16
-5078.175
0.55141 -11447.446 -584.276026
-1.04E-16 -1.67E-15 1.51E-16
477.568138
0.77570 -13983.016 -669.177076
-1.04E-16 -1.67E-15 1.22E-15

6903.866
1.00000 -16518.586 -754.078126
-1.04E-16 -1.67E-15 2.28E-15
14200.717

COMB UEO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -12123.919 9.184513
5.70E-19 -1.76E-15 1.09E-17
266.081253
0.32711 -14236.894 9.184513
5.70E-19 -1.76E-15 5.01E-18
171.905555
0.55141 -16349.869 9.184513
5.70E-19 -1.76E-15 -8.28E-19
77.729858
0.77570 -18462.844 9.184513
5.70E-19 -1.76E-15 -6.67E-18
-16.445840
1.00000 -20575.819 9.184513
5.70E-19 -1.76E-15 -1.25E-17
-110.621538

COMB UEO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -12123.919 9.184513
5.70E-19 -1.76E-15 1.09E-17
266.081253
0.32711 -14236.894 9.184513
5.70E-19 -1.76E-15 5.01E-18
171.905555
0.55141 -16349.869 9.184513
5.70E-19 -1.76E-15 -8.28E-19
77.729858
0.77570 -18462.844 9.184513
5.70E-19 -1.76E-15 -6.67E-18
-16.445840
1.00000 -20575.819 9.184513
5.70E-19 -1.76E-15 -1.25E-17
-110.621538
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 586

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 UEO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -4460.425 -451.846338
-1.13E-16 -1.28E-15 -2.15E-15
-10656.593
0.32711 -6573.400 -543.744930
-1.13E-16 -1.28E-15 -9.92E-16
-5552.718
0.55141 -8686.375 -635.721067
-1.13E-16 -1.28E-15 1.64E-16
494.256853
0.77570 -10799.350 -727.697205
-1.13E-16 -1.28E-15 1.32E-15
7484.332
1.00000 -12912.325 -819.673342
-1.13E-16 -1.28E-15 2.47E-15
15417.507

COMB UEO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -4460.425 -451.846338
-1.13E-16 -1.28E-15 -2.15E-15
-10656.593
0.32711 -6573.400 -543.744930
-1.13E-16 -1.28E-15 -9.92E-16
-5552.718
0.55141 -8686.375 -635.721067
-1.13E-16 -1.28E-15 1.64E-16
494.256853
0.77570 -10799.350 -727.697205
-1.13E-16 -1.28E-15 1.32E-15
7484.332
1.00000 -12912.325 -819.673342
-1.13E-16 -1.28E-15 2.47E-15
15417.507

COMB UEO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8327.289 -274.897674
-6.77E-17 -1.55E-15 -1.29E-15
-6184.055
0.32711 -10440.263 -320.846969
-6.77E-17 -1.55E-15 -5.96E-16
-3129.945
0.55141 -12553.238 -366.835038
-6.77E-17 -1.55E-15 9.84E-17
395.714227
0.77570 -14666.213 -412.823107
-6.77E-17 -1.55E-15 7.93E-16
4392.924
1.00000 -16779.188 -458.811176
-6.77E-17 -1.55E-15 1.49E-15
8861.684

COMB UEO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8327.289 -274.897674
-6.77E-17 -1.55E-15 -1.29E-15
-6184.055
0.32711 -10440.263 -320.846969
-6.77E-17 -1.55E-15 -5.96E-16
-3129.945
0.55141 -12553.238 -366.835038
-6.77E-17 -1.55E-15 9.84E-17
395.714227
0.77570 -14666.213 -412.823107
-6.77E-17 -1.55E-15 7.93E-16
4392.924
1.00000 -16779.188 -458.811176
-6.77E-17 -1.55E-15 1.49E-15
8861.684
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 587

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 UEO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -5928.969 -274.897635
-6.77E-17 -1.55E-15 -1.29E-15
-6184.478
0.32711 -8041.943 -320.846931
-6.77E-17 -1.55E-15 -5.96E-16
-3130.369
0.55141 -10154.918 -366.835000
-6.77E-17 -1.55E-15 9.84E-17
395.290312
0.77570 -12267.893 -412.823069
-6.77E-17 -1.55E-15 7.93E-16
4392.500
1.00000 -14380.868 -458.811137
-6.77E-17 -1.55E-15 1.49E-15
8861.259

COMB UEO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -5928.969 -274.897635
-6.77E-17 -1.55E-15 -1.29E-15
-6184.478
0.32711 -8041.943 -320.846931
-6.77E-17 -1.55E-15 -5.96E-16
-3130.369
0.55141 -10154.918 -366.835000
-6.77E-17 -1.55E-15 9.84E-17
395.290312
0.77570 -12267.893 -412.823069
-6.77E-17 -1.55E-15 7.93E-16
4392.500
1.00000 -14380.868 -458.811137
-6.77E-17 -1.55E-15 1.49E-15
8861.259

COMB UEO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10555.716 29.128892
4.55E-19 -9.01E-16 8.67E-18
650.784914
0.32711 -12668.690 29.128892
4.55E-19 -9.01E-16 4.00E-18
352.104539
0.55141 -14781.665 29.128892
4.55E-19 -9.01E-16 -6.61E-19
53.424164
0.77570 -16894.640 29.128892
4.55E-19 -9.01E-16 -5.33E-18
-245.256211
1.00000 -19007.615 29.128892
4.55E-19 -9.01E-16 -9.99E-18
-543.936585

COMB UEO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10555.716 29.128892
4.55E-19 -9.01E-16 8.67E-18
650.784914
0.32711 -12668.690 29.128892
4.55E-19 -9.01E-16 4.00E-18
352.104539
0.55141 -14781.665 29.128892
4.55E-19 -9.01E-16 -6.61E-19
53.424164
0.77570 -16894.640 29.128892
4.55E-19 -9.01E-16 -5.33E-18
-245.256211
1.00000 -19007.615 29.128892
4.55E-19 -9.01E-16 -9.99E-18
-543.936585

COMB UEO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
5.68E-19 -1.76E-15 1.08E-17
265.804592
0.32711 -12668.762 9.184538
5.68E-19 -1.76E-15 5.00E-18
171.628637
0.55141 -14781.737 9.184538
5.68E-19 -1.76E-15 -8.25E-19
77.452683
0.77570 -16894.712 9.184538
5.68E-19 -1.76E-15 -6.65E-18
-16.723272
1.00000 -19007.687 9.184538
5.68E-19 -1.76E-15 -1.25E-17
-110.899227

COMB UEO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
5.68E-19 -1.76E-15 1.08E-17
265.804592
0.32711 -12668.762 9.184538
5.68E-19 -1.76E-15 5.00E-18
171.628637
0.55141 -14781.737 9.184538
5.68E-19 -1.76E-15 -8.25E-19
77.452683
0.77570 -16894.712 9.184538
5.68E-19 -1.76E-15 -6.65E-18
-16.723272
1.00000 -19007.687 9.184538
5.68E-19 -1.76E-15 -1.25E-17
-110.899227
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 588

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 UEO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.395 29.128930
4.52E-19 -9.01E-16 8.61E-18
650.361785
0.32711 -10270.370 29.128930
4.52E-19 -9.01E-16 3.97E-18
351.681017
0.55141 -12383.345 29.128930
4.52E-19 -9.01E-16 -6.57E-19
53.000249
0.77570 -14496.320 29.128930
4.52E-19 -9.01E-16 -5.29E-18
-245.680519
1.00000 -16609.295 29.128930
4.52E-19 -9.01E-16 -9.92E-18
-544.361286

COMB UEO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.395 29.128930
4.52E-19 -9.01E-16 8.61E-18
650.361785
0.32711 -10270.370 29.128930
4.52E-19 -9.01E-16 3.97E-18
351.681017
0.55141 -12383.345 29.128930
4.52E-19 -9.01E-16 -6.57E-19
53.000249
0.77570 -14496.320 29.128930
4.52E-19 -9.01E-16 -5.29E-18
-245.680519
1.00000 -16609.295 29.128930
4.52E-19 -9.01E-16 -9.92E-18
-544.361286

COMB UEO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -4194.677 -415.396345
-1.08E-16 -3.82E-16 -2.07E-15
-9879.612
0.32711 -6202.003 -503.760376
-1.08E-16 -3.82E-16 -9.55E-16
-5167.593
0.55141 -8209.329 -592.198970
-1.08E-16 -3.82E-16 1.58E-16
451.253836
0.77570 -10216.656 -680.637563
-1.08E-16 -3.82E-16 1.27E-15
6976.928
1.00000 -12223.982 -769.076157

-1.08E-16 -3.82E-16 2.38E-15
14409.429

COMB UEO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -4194.677 -415.396345
-1.08E-16 -3.82E-16 -2.07E-15
-9879.612
0.32711 -6202.003 -503.760376
-1.08E-16 -3.82E-16 -9.55E-16
-5167.593
0.55141 -8209.329 -592.198970
-1.08E-16 -3.82E-16 1.58E-16
451.253836
0.77570 -10216.656 -680.637563
-1.08E-16 -3.82E-16 1.27E-15
6976.928
1.00000 -12223.982 -769.076157
-1.08E-16 -3.82E-16 2.38E-15
14409.429

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 UEO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -4194.746 -434.573609
-1.08E-16 -1.21E-15 -2.06E-15
-10249.786
0.32711 -6202.072 -522.937639
-1.08E-16 -1.21E-15 -9.54E-16
-5341.127
0.55141 -8209.398 -611.376233
-1.08E-16 -1.21E-15 1.58E-16
474.358180
0.77570 -10216.724 -699.814827
-1.08E-16 -1.21E-15 1.27E-15
7196.671
1.00000 -12224.051 -788.253421
-1.08E-16 -1.21E-15 2.38E-15
14825.811

COMB UEO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -4194.746 -434.573609
-1.08E-16 -1.21E-15 -2.06E-15
-10249.786
0.32711 -6202.072 -522.937639
-1.08E-16 -1.21E-15 -9.54E-16
-5341.127
0.55141 -8209.398 -611.376233
-1.08E-16 -1.21E-15 1.58E-16
474.358180
0.77570 -10216.724 -699.814827
-1.08E-16 -1.21E-15 1.27E-15
7196.671
1.00000 -12224.051 -788.253421
-1.08E-16 -1.21E-15 2.38E-15
14825.811

COMB UEO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -7912.815 -245.253398
-6.52E-17 -6.40E-16 -1.24E-15
-5579.096
0.32711 -9920.141 -289.435414
-6.52E-17 -6.40E-16 -5.74E-16
-2838.004
0.55141 -11927.467 -333.654711
-6.52E-17 -6.40E-16 9.48E-17
356.501311
0.77570 -13934.793 -377.874008
-6.52E-17 -6.40E-16 7.63E-16
4004.420
1.00000 -15942.119 -422.093304
-6.52E-17 -6.40E-16 1.43E-15
8105.753

COMB UEO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -7912.815 -245.253398
-6.52E-17 -6.40E-16 -1.24E-15
-5579.096
0.32711 -9920.141 -289.435414
-6.52E-17 -6.40E-16 -5.74E-16
-2838.004
0.55141 -11927.467 -333.654711
-6.52E-17 -6.40E-16 9.48E-17
356.501311
0.77570 -13934.793 -377.874008
-6.52E-17 -6.40E-16 7.63E-16
4004.420
1.00000 -15942.119 -422.093304
-6.52E-17 -6.40E-16 1.43E-15
8105.753

COMB UEO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -7912.884 -264.430662
-6.51E-17 -1.47E-15 -1.24E-15
-5949.269
0.32711 -9920.210 -308.612677
-6.51E-17 -1.47E-15 -5.73E-16
-3011.538
0.55141 -11927.536 -352.831974
-6.51E-17 -1.47E-15 9.47E-17
379.605656
0.77570 -13934.862 -397.051271
-6.51E-17 -1.47E-15 7.62E-16
4224.163
1.00000 -15942.188 -441.270568
-6.51E-17 -1.47E-15 1.43E-15
8522.135

COMB UEO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -7912.884 -264.430662
-6.51E-17 -1.47E-15 -1.24E-15
-5949.269
0.32711 -9920.210 -308.612677
-6.51E-17 -1.47E-15 -5.73E-16
-3011.538
0.55141 -11927.536 -352.831974
-6.51E-17 -1.47E-15 9.47E-17
379.605656
0.77570 -13934.862 -397.051271
-6.51E-17 -1.47E-15 7.62E-16
4224.163
1.00000 -15942.188 -441.270568
-6.51E-17 -1.47E-15 1.43E-15
8522.135

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 UEO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -5606.738 -245.253362
-6.52E-17 -6.40E-16 -1.24E-15
-5579.502
0.32711 -7614.064 -289.435377
-6.52E-17 -6.40E-16 -5.74E-16
-2838.411
0.55141 -9621.390 -333.654674
-6.52E-17 -6.40E-16 9.48E-17
356.093701
0.77570 -11628.716 -377.873971
-6.52E-17 -6.40E-16 7.63E-16
4004.012
1.00000 -13636.042 -422.093268
-6.52E-17 -6.40E-16 1.43E-15
8105.344

COMB UEO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -5606.738 -245.253362
-6.52E-17 -6.40E-16 -1.24E-15
-5579.502
0.32711 -7614.064 -289.435377
-6.52E-17 -6.40E-16 -5.74E-16
-2838.411
0.55141 -9621.390 -333.654674
-6.52E-17 -6.40E-16 9.48E-17
356.093701
0.77570 -11628.716 -377.873971
-6.52E-17 -6.40E-16 7.63E-16
4004.012
1.00000 -13636.042 -422.093268
-6.52E-17 -6.40E-16 1.43E-15
8105.344

COMB UEO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -5606.807 -264.430625
-6.51E-17 -1.47E-15 -1.24E-15
-5949.676
0.32711 -7614.133 -308.612640
-6.51E-17 -1.47E-15 -5.73E-16
-3011.946
0.55141 -9621.459 -352.831937
-6.51E-17 -1.47E-15 9.47E-17
379.198045
0.77570 -11628.785 -397.051234
-6.51E-17 -1.47E-15 7.62E-16
4223.755
1.00000 -13636.111 -441.270531
-6.51E-17 -1.47E-15 1.43E-15
8521.726

COMB UEO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -5606.807 -264.430625
-6.51E-17 -1.47E-15 -1.24E-15
-5949.676
0.32711 -7614.133 -308.612640
-6.51E-17 -1.47E-15 -5.73E-16
-3011.946
0.55141 -9621.459 -352.831937
-6.51E-17 -1.47E-15 9.47E-17
379.198045
0.77570 -11628.785 -397.051234
-6.51E-17 -1.47E-15 7.62E-16
4223.755
1.00000 -13636.111 -441.270531
-6.51E-17 -1.47E-15 1.43E-15
8521.726

COMB UEO16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

COMB UEO16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8157.467 9.184576
5.64E-19 -1.76E-15 1.08E-17
265.381464
0.32711 -10270.442 9.184576
5.64E-19 -1.76E-15 4.97E-18
171.205116
0.55141 -12383.417 9.184576
5.64E-19 -1.76E-15 -8.21E-19
77.028768
0.77570 -14496.392 9.184576
5.64E-19 -1.76E-15 -6.61E-18
-17.147580
1.00000 -16609.367 9.184576
5.64E-19 -1.76E-15 -1.24E-17
-111.323928

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 UEO17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
5.68E-19 -1.76E-15 1.08E-17
265.804592
0.32711 -12668.762 9.184538
5.68E-19 -1.76E-15 5.00E-18
171.628637
0.55141 -14781.737 9.184538
5.68E-19 -1.76E-15 -8.25E-19
77.452683
0.77570 -16894.712 9.184538
5.68E-19 -1.76E-15 -6.65E-18
-16.723272
1.00000 -19007.687 9.184538
5.68E-19 -1.76E-15 -1.25E-17
-110.899227

COMB UEO17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10555.787 9.184538
5.68E-19 -1.76E-15 1.08E-17
265.804592
0.32711 -12668.762 9.184538
5.68E-19 -1.76E-15 5.00E-18
171.628637
0.55141 -14781.737 9.184538
5.68E-19 -1.76E-15 -8.25E-19
77.452683
0.77570 -16894.712 9.184538
5.68E-19 -1.76E-15 -6.65E-18
-16.723272
1.00000 -19007.687 9.184538
5.68E-19 -1.76E-15 -1.25E-17
-110.899227

COMB UEO18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -3929.067 -417.300879
-1.04E-16 -1.14E-15 -1.98E-15
-9842.979
0.32711 -5830.744 -502.130349
-1.04E-16 -1.14E-15 -9.16E-16
-5129.537
0.55141 -7732.421 -587.031399
-1.04E-16 -1.14E-15 1.51E-16
454.459508
0.77570 -9634.099 -671.932449
-1.04E-16 -1.14E-15 1.22E-15
6909.010
1.00000 -11535.776 -756.833499
-1.04E-16 -1.14E-15 2.28E-15
14234.114

COMB UEO18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -3929.067 -417.300879
-1.04E-16 -1.14E-15 -1.98E-15
-9842.979
0.32711 -5830.744 -502.130349
-1.04E-16 -1.14E-15 -9.16E-16
-5129.537
0.55141 -7732.421 -587.031399
-1.04E-16 -1.14E-15 1.51E-16
454.459508
0.77570 -9634.099 -671.932449
-1.04E-16 -1.14E-15 1.22E-15
6909.010
1.00000 -11535.776 -756.833499
-1.04E-16 -1.14E-15 2.28E-15
14234.114

COMB ENVBULT ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14571.160 11.939886
7.39E-19 -2.29E-15 1.41E-17
345.695692
0.32711 -17318.027 11.939886
7.39E-19 -2.29E-15 6.50E-18
223.267090
0.55141 -20064.894 11.939886
7.39E-19 -2.29E-15 -1.07E-18
100.838488
0.77570 -22811.762 11.939886
7.39E-19 -2.29E-15 -8.65E-18
-21.590114
1.00000 -25558.629 11.939886
7.39E-19 -2.29E-15 -1.62E-17
-144.018716

COMB ENVBULT ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14571.160 11.939886
7.39E-19 -2.29E-15 1.41E-17
345.695692
0.32711 -17318.027 11.939886
7.39E-19 -2.29E-15 6.50E-18
223.267090
0.55141 -20064.894 11.939886
7.39E-19 -2.29E-15 -1.07E-18
100.838488
0.77570 -22811.762 11.939886
7.39E-19 -2.29E-15 -8.65E-18
-21.590114
1.00000 -25558.629 11.939886
7.39E-19 -2.29E-15 -1.62E-17
-144.018716

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 ENVBECC ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	5.70E-19	-1.76E-15	1.09E-17	266.081253
0.32711	-10270.442	9.184576	5.70E-19	-1.76E-15	5.01E-18	171.905555
0.55141	-12383.417	9.184576	5.70E-19	-1.76E-15	-8.21E-19	77.729858
0.77570	-14496.392	9.184576	5.70E-19	-1.76E-15	-6.61E-18	-16.445840
1.00000	-16609.367	9.184576	5.70E-19	-1.76E-15	-1.24E-17	-110.621538

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-12123.919	9.184513	5.64E-19	-1.76E-15	1.08E-17	265.381464
0.32711	-14236.894	9.184513	5.64E-19	-1.76E-15	4.97E-18	171.205116
0.55141	-16349.869	9.184513	5.64E-19	-1.76E-15	-8.28E-19	77.028768
0.77570	-18462.844	9.184513	5.64E-19	-1.76E-15	-6.67E-18	-17.147580
1.00000	-20575.819	9.184513	5.64E-19	-1.76E-15	-1.25E-17	-111.323928

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-14571.160	11.939886	7.39E-19	-2.29E-15	1.41E-17	345.695692
0.32711	-17318.027	11.939886	7.39E-19	-2.29E-15	6.50E-18	223.267090
0.55141	-20064.894	11.939886	7.39E-19	-2.29E-15	-1.07E-18	100.838488
0.77570	-22811.762	11.939886	7.39E-19	-2.29E-15	-8.65E-18	-21.590114
1.00000	-25558.629	11.939886	7.39E-19	-2.29E-15	-1.62E-17	-144.018716

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-14571.160	11.939886	7.39E-19	-2.29E-15	1.41E-17	345.695692
0.32711	-17318.027	11.939886	7.39E-19	-2.29E-15	6.50E-18	223.267090
0.55141	-20064.894	11.939886	7.39E-19	-2.29E-15	-1.07E-18	100.838488
0.77570	-22811.762	11.939886	7.39E-19	-2.29E-15	-8.65E-18	-21.590114
1.00000	-25558.629	11.939886	7.39E-19	-2.29E-15	-1.62E-17	-144.018716

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8157.467	9.184576	5.70E-19	-1.76E-15	1.09E-17	266.081253
0.32711	-10270.442	9.184576	5.70E-19	-1.76E-15	5.01E-18	171.905555
0.55141	-12383.417	9.184576	5.70E-19	-1.76E-15	-8.21E-19	77.729858
0.77570	-14496.392	9.184576	5.70E-19	-1.76E-15	-6.61E-18	-16.445840
1.00000	-16609.367	9.184576	5.70E-19	-1.76E-15	-1.24E-17	-110.621538

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-12123.919	9.184513	5.64E-19	-1.76E-15	1.08E-17	265.381464
0.32711	-14236.894	9.184513	5.64E-19	-1.76E-15	4.97E-18	171.205116
0.55141	-16349.869	9.184513	5.64E-19	-1.76E-15	-8.28E-19	77.028768
0.77570	-18462.844	9.184513	5.64E-19	-1.76E-15	-6.67E-18	-17.147580
1.00000	-20575.819	9.184513	5.64E-19	-1.76E-15	-1.25E-17	-111.323928

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 13 ========== LENGTH = 45.715000

LOAD D ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8380.289	-9.184576	-5.64E-19	1.77E-15	-1.08E-17	-213.528598
0.32711	-10493.264	-9.184576	-5.64E-19	1.77E-15	-4.97E-18	-119.352250
0.55141	-12606.239	-9.184576	-5.64E-19	1.77E-15	8.21E-19	-25.175903
0.77570	-14719.214	-9.184576	-5.64E-19	1.77E-15	6.61E-18	69.000445
1.00000	-16832.189	-9.184576	-5.64E-19	1.77E-15	1.24E-17	163.176793

LOAD L1 ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	-1847.688	2.95E-05	-2.50E-21	1.41E-20	-4.76E-20	0.327021
0.32711	-1847.688	2.95E-05	-2.50E-21	1.41E-20	-2.20E-20	0.326719
0.55141	-1847.688	2.95E-05	-2.50E-21	1.41E-20	3.63E-21	0.326417
0.77570	-1847.688	2.95E-05	-2.50E-21	1.41E-20	2.92E-20	0.326114
1.00000	-1847.688	2.95E-05	-2.50E-21	1.41E-20	5.48E-20	0.325812

LOAD W-LO ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	1.50E-18	3.16E-17	71.005292	5.368602	-327.939897	8.29E-16
0.32711	1.50E-18	3.16E-17	160.137706	5.368602	-1512.596	5.05E-16
0.55141	1.50E-18	3.16E-17	249.345331	5.368602	-3611.964	1.82E-16
0.77570	1.50E-18	3.16E-17	338.552956	5.368602	-6626.045	-1.42E-16
1.00000	1.50E-18	3.16E-17	427.760581	5.368602	-10554.839	-4.66E-16

LOAD G-LO1 ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	1.27E-24	1.52E-26	60.310100	-8.94E-09	-319.643570	9.93E-26
0.32711	1.27E-24	1.52E-26	60.310100	-8.94E-09	-938.048258	-5.68E-26
0.55141	1.27E-24	1.52E-26	60.310100	-8.94E-09	-1556.453	-2.13E-25
0.77570	1.27E-24	1.52E-26	60.310100	-8.94E-09	-2174.858	-3.69E-25
1.00000	1.27E-24	1.52E-26	60.310100	-8.94E-09	-2793.262	-5.25E-25

LOAD E-LO ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	.000000	.000000	.000000	.000000	.000000	.000000
0.32711	.000000	.000000	.000000	.000000	.000000	.000000
0.55141	.000000	.000000	.000000	.000000	.000000	.000000
0.77570	.000000	.000000	.000000	.000000	.000000	.000000
1.00000	.000000	.000000	.000000	.000000	.000000	.000000

LOAD W-TR ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	-2843.878	-421.668835	8.71E-17	-1.07E-15	1.66E-15	-8789.209
0.32711	-2843.878	-457.014447	8.71E-17	-1.07E-15	7.67E-16	-4284.463
0.55141	-2843.878	-492.389885	8.71E-17	-1.07E-15	-1.27E-16	583.014711

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
0.77570	-2843.878	-527.765322	8.71E-17	-1.07E-15	-1.02E-15	5813.223
1.00000	-2843.878	-563.140760	8.71E-17	-1.07E-15	-1.91E-15	11406.162

LOAD WL ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	-292.290603	-41.416604	8.95E-18	-5.04E-17	1.70E-16	-766.183048
0.32711	-292.290603	-41.416604	8.95E-18	-5.04E-17	7.87E-17	-341.507540
0.55141	-292.290603	-41.416604	8.95E-18	-5.04E-17	-1.30E-17	83.167968
0.77570	-292.290603	-41.416604	8.95E-18	-5.04E-17	-1.05E-16	507.843476
1.00000	-292.290603	-41.416604	8.95E-18	-5.04E-17	-1.96E-16	932.518984

LOAD G-TR ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	-0.055093	-15.341811	8.67E-20	-6.65E-16	1.65E-18	-296.579456
0.32711	-0.055093	-15.341811	8.67E-20	-6.65E-16	7.63E-19	-139.268364
0.55141	-0.055093	-15.341811	8.67E-20	-6.65E-16	-1.26E-19	18.042728
0.77570	-0.055093	-15.341811	8.67E-20	-6.65E-16	-1.02E-18	175.353820
1.00000	-0.055093	-15.341811	8.67E-20	-6.65E-16	-1.90E-18	332.664913

LOAD E-TR ----------

REL DIST	P	V2	V3	T	M2	M3
0.10281	.000000	.000000	.000000	.000000	.000000	.000000
0.32711	.000000	.000000	.000000	.000000	.000000	.000000
0.55141	.000000	.000000	.000000	.000000	.000000	.000000
0.77570	.000000	.000000	.000000	.000000	.000000	.000000
1.00000	.000000	.000000	.000000	.000000	.000000	.000000

COMB SVB01 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10227.978	-9.184547	-5.67E-19	1.77E-15	-1.08E-17	-213.201577
0.32711	-12340.953	-9.184547	-5.67E-19	1.77E-15	-4.99E-18	-119.025531
0.55141	-14453.928	-9.184547	-5.67E-19	1.77E-15	8.24E-19	-24.849486
0.77570	-16566.902	-9.184547	-5.67E-19	1.77E-15	6.64E-18	69.326559
1.00000	-18679.877	-9.184547	-5.67E-19	1.77E-15	1.24E-17	163.502605

COMB SVB01 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-10227.978	-9.184547	-5.67E-19	1.77E-15	-1.08E-17	-213.201577
0.32711	-12340.953	-9.184547	-5.67E-19	1.77E-15	-4.99E-18	-119.025531
0.55141	-14453.928	-9.184547	-5.67E-19	1.77E-15	8.24E-19	-24.849486
0.77570	-16566.902	-9.184547	-5.67E-19	1.77E-15	6.64E-18	69.326559
1.00000	-18679.877	-9.184547	-5.67E-19	1.77E-15	1.24E-17	163.502605

COMB SVB02 ---------- MAX

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8380.289	-9.184576	-5.64E-19	1.77E-15	-1.08E-17	-213.528598

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
0.32711	-10493.264	-9.184576	-5.64E-19	1.77E-15	-4.97E-18	-119.352250
0.55141	-12606.239	-9.184576	-5.64E-19	1.77E-15	8.21E-19	-25.175903
0.77570	-14719.214	-9.184576	-5.64E-19	1.77E-15	6.61E-18	69.000445
1.00000	-16832.189	-9.184576	-5.64E-19	1.77E-15	1.24E-17	163.176793

COMB SVB02 ---------- MIN

REL DIST	P	V2	V3	T	M2	M3
0.10281	-8380.289	-9.184576	-5.64E-19	1.77E-15	-1.08E-17	-213.528598
0.32711	-10493.264	-9.184576	-5.64E-19	1.77E-15	-4.97E-18	-119.352250
0.55141	-12606.239	-9.184576	-5.64E-19	1.77E-15	8.21E-19	

-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB SVB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
71.005292 5.368602 -327.939897
-213.528598
0.32711 -10493.264 -9.184576
160.137706 5.368602 -1512.596
-119.352250
0.55141 -12606.239 -9.184576
249.345331 5.368602 -3611.964
-25.175903
0.77570 -14719.214 -9.184576
338.552956 5.368602 -6626.045
69.000445
1.00000 -16832.189 -9.184576
427.760581 5.368602 -10554.839
163.176793

COMB SVB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
71.005292 5.368602 -327.939897
-213.528598
0.32711 -10493.264 -9.184576
160.137706 5.368602 -1512.596
-119.352250
0.55141 -12606.239 -9.184576
249.345331 5.368602 -3611.964
-25.175903
0.77570 -14719.214 -9.184576
338.552956 5.368602 -6626.045
69.000445
1.00000 -16832.189 -9.184576
427.760581 5.368602 -10554.839
163.176793

COMB SVB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
35.502646 2.684301 -163.969948
-213.201577
0.32711 -12340.953 -9.184547
80.068853 2.684301 -756.297941
-119.025531
0.55141 -14453.928 -9.184547
124.672665 2.684301 -1805.982
-24.849486
0.77570 -16566.902 -9.184547
169.276478 2.684301 -3313.023
69.326559
1.00000 -18679.877 -9.184547
213.880290 2.684301 -5277.419
163.502605

COMB SVB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
35.502646 2.684301 -163.969948
-213.201577
0.32711 -12340.953 -9.184547
80.068853 2.684301 -756.297941
-119.025531
0.55141 -14453.928 -9.184547
124.672665 2.684301 -1805.982
-24.849486
0.77570 -16566.902 -9.184547
169.276478 2.684301 -3313.023
69.326559
1.00000 -18679.877 -9.184547
213.880290 2.684301 -5277.419
163.502605
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 596

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 SVB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
35.502646 2.684301 -163.969948
-213.528598
0.32711 -10493.264 -9.184576
80.068853 2.684301 -756.297941
-119.352250
0.55141 -12606.239 -9.184576
124.672665 2.684301 -1805.982
-25.175903
0.77570 -14719.214 -9.184576
169.276478 2.684301 -3313.023
69.000445
1.00000 -16832.189 -9.184576
213.880290 2.684301 -5277.419
163.176793

COMB SVB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
35.502646 2.684301 -163.969948
-213.528598
0.32711 -10493.264 -9.184576
80.068853 2.684301 -756.297941
-119.352250
0.55141 -12606.239 -9.184576
124.672665 2.684301 -1805.982
-25.175903
0.77570 -14719.214 -9.184576
169.276478 2.684301 -3313.023
69.000445
1.00000 -16832.189 -9.184576
213.880290 2.684301 -5277.419
163.176793

COMB SVB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
60.310100 -8.94E-09 -319.643570
-213.201577
0.32711 -12340.953 -9.184547
60.310100 -8.94E-09 -938.048258
-119.025531
0.55141 -14453.928 -9.184547
60.310100 -8.94E-09 -1556.453
-24.849486
0.77570 -16566.902 -9.184547
60.310100 -8.94E-09 -2174.858
69.326559
1.00000 -18679.877 -9.184547
60.310100 -8.94E-09 -2793.262
163.502605

COMB SVB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
60.310100 -8.94E-09 -319.643570
-213.201577
0.32711 -12340.953 -9.184547
60.310100 -8.94E-09 -938.048258
-119.025531
0.55141 -14453.928 -9.184547
60.310100 -8.94E-09 -1556.453
-24.849486
0.77570 -16566.902 -9.184547
60.310100 -8.94E-09 -2174.858
69.326559
1.00000 -18679.877 -9.184547
60.310100 -8.94E-09 -2793.262
163.502605

COMB SVB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
-5.67E-19 1.77E-15 -1.08E-17
-213.201577
0.32711 -12340.953 -9.184547
-5.67E-19 1.77E-15 -4.99E-18
-119.025531
0.55141 -14453.928 -9.184547
-5.67E-19 1.77E-15 8.24E-19
-24.849486
0.77570 -16566.902 -9.184547
-5.67E-19 1.77E-15 6.64E-18
69.326559
1.00000 -18679.877 -9.184547
-5.67E-19 1.77E-15 1.24E-17
163.502605

COMB SVB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
-5.67E-19 1.77E-15 -1.08E-17
-213.201577
0.32711 -12340.953 -9.184547
-5.67E-19 1.77E-15 -4.99E-18
-119.025531
0.55141 -14453.928 -9.184547
-5.67E-19 1.77E-15 8.24E-19
-24.849486
0.77570 -16566.902 -9.184547
-5.67E-19 1.77E-15 6.64E-18
69.326559
1.00000 -18679.877 -9.184547
-5.67E-19 1.77E-15 1.24E-17
163.502605
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 597

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 SVB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
60.310100 -8.94E-09 -319.643570
-213.528598
0.32711 -10493.264 -9.184576
60.310100 -8.94E-09 -938.048258
-119.352250
0.55141 -12606.239 -9.184576
60.310100 -8.94E-09 -1556.453
-25.175903
0.77570 -14719.214 -9.184576
60.310100 -8.94E-09 -2174.858
69.000445
1.00000 -16832.189 -9.184576
60.310100 -8.94E-09 -2793.262
163.176793

COMB SVB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
60.310100 -8.94E-09 -319.643570
-213.528598
0.32711 -10493.264 -9.184576
60.310100 -8.94E-09 -938.048258
-119.352250
0.55141 -12606.239 -9.184576
60.310100 -8.94E-09 -1556.453
-25.175903
0.77570 -14719.214 -9.184576
60.310100 -8.94E-09 -2174.858
69.000445
1.00000 -16832.189 -9.184576
60.310100 -8.94E-09 -2793.262
163.176793

COMB SVB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB SVB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB SVB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
131.315393 5.368602 -647.583467
-213.528598
0.32711 -10493.264 -9.184576
220.447806 5.368602 -2450.644
-119.352250
0.55141 -12606.239 -9.184576
309.655431 5.368602 -5168.417
-25.175903
0.77570 -14719.214 -9.184576
398.863056 5.368602 -8800.903
69.000445
1.00000 -16832.189 -9.184576
488.070681 5.368602 -13348.101
163.176793

COMB SVB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
131.315393 5.368602 -647.583467
-213.528598
0.32711 -10493.264 -9.184576
220.447806 5.368602 -2450.644
-119.352250
0.55141 -12606.239 -9.184576
309.655431 5.368602 -5168.417
-25.175903
0.77570 -14719.214 -9.184576
398.863056 5.368602 -8800.903
69.000445
1.00000 -16832.189 -9.184576
488.070681 5.368602 -13348.101
163.176793
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 598

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 SVB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
71.005292 5.368602 -327.939897
-213.528598
0.32711 -10493.264 -9.184576
160.137706 5.368602 -1512.596
-119.352250
0.55141 -12606.239 -9.184576
249.345331 5.368602 -3611.964
-25.175903
0.77570 -14719.214 -9.184576
338.552956 5.368602 -6626.045
69.000445
1.00000 -16832.189 -9.184576
427.760581 5.368602 -10554.839
163.176793

COMB SVB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
71.005292 5.368602 -327.939897
-213.528598
0.32711 -10493.264 -9.184576
160.137706 5.368602 -1512.596
-119.352250
0.55141 -12606.239 -9.184576
249.345331 5.368602 -3611.964
-25.175903
0.77570 -14719.214 -9.184576
338.552956 5.368602 -6626.045
69.000445
1.00000 -16832.189 -9.184576
427.760581 5.368602 -10554.839
163.176793

COMB SVB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
95.812746 2.684301 -483.613518
-213.201577
0.32711 -12340.953 -9.184547
140.378953 2.684301 -1694.346
-119.025531
0.55141 -14453.928 -9.184547
184.982766 2.684301 -3362.435
-24.849486
0.77570 -16566.902 -9.184547

229.586578 2.684301 -5487.880
69.326559
1.00000 -18679.877 -9.184547
274.190391 2.684301 -8070.682
163.502605

COMB SVB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
95.812746 2.684301 -483.613518
-213.201577
0.32711 -12340.953 -9.184547
140.378953 2.684301 -1694.346
-119.025531
0.55141 -14453.928 -9.184547
184.982766 2.684301 -3362.435
-24.849486
0.77570 -16566.902 -9.184547
229.586578 2.684301 -5487.880
69.326559
1.00000 -18679.877 -9.184547
274.190391 2.684301 -8070.682
163.502605

COMB SVB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
35.502646 2.684301 -163.969948
-213.201577
0.32711 -12340.953 -9.184547
80.068853 2.684301 -756.297941
-119.025531
0.55141 -14453.928 -9.184547
124.672665 2.684301 -1805.982
-24.849486
0.77570 -16566.902 -9.184547
169.276478 2.684301 -3313.023
69.326559
1.00000 -18679.877 -9.184547
213.880290 2.684301 -5277.419
163.502605

COMB SVB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
35.502646 2.684301 -163.969948
-213.201577
0.32711 -12340.953 -9.184547
80.068853 2.684301 -756.297941
-119.025531
0.55141 -14453.928 -9.184547
124.672665 2.684301 -1805.982
-24.849486
0.77570 -16566.902 -9.184547
169.276478 2.684301 -3313.023
69.326559
1.00000 -18679.877 -9.184547
213.880290 2.684301 -5277.419
163.502605

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 599

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 SVB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
95.812746 2.684301 -483.613518
-213.528598
0.32711 -10493.264 -9.184576
140.378953 2.684301 -1694.346
-119.352250
0.55141 -12606.239 -9.184576
184.982766 2.684301 -3362.435
-25.175903
0.77570 -14719.214 -9.184576
229.586578 2.684301 -5487.880
69.000445
1.00000 -16832.189 -9.184576
274.190391 2.684301 -8070.682
163.176793

COMB SVB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
95.812746 2.684301 -483.613518
-213.528598
0.32711 -10493.264 -9.184576
140.378953 2.684301 -1694.346
-119.352250
0.55141 -12606.239 -9.184576
184.982766 2.684301 -3362.435
-25.175903
0.77570 -14719.214 -9.184576
229.586578 2.684301 -5487.880
69.000445
1.00000 -16832.189 -9.184576
274.190391 2.684301 -8070.682
163.176793

COMB SVB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
35.502646 2.684301 -163.969948
-213.528598
0.32711 -10493.264 -9.184576
80.068853 2.684301 -756.297941
-119.352250
0.55141 -12606.239 -9.184576
124.672665 2.684301 -1805.982
-25.175903
0.77570 -14719.214 -9.184576
169.276478 2.684301 -3313.023
69.000445
1.00000 -16832.189 -9.184576
213.880290 2.684301 -5277.419
163.176793

COMB SVB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
35.502646 2.684301 -163.969948
-213.528598
0.32711 -10493.264 -9.184576
80.068853 2.684301 -756.297941
-119.352250
0.55141 -12606.239 -9.184576
124.672665 2.684301 -1805.982
-25.175903
0.77570 -14719.214 -9.184576
169.276478 2.684301 -3313.023
69.000445
1.00000 -16832.189 -9.184576
213.880290 2.684301 -5277.419
163.176793

COMB ULB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14866.906 -11.939886
-7.39E-19 2.30E-15 -1.41E-17
-276.884082
0.32711 -17613.774 -11.939886
-7.39E-19 2.30E-15 -6.50E-18
-154.455480
0.55141 -20360.641 -11.939886
-7.39E-19 2.30E-15 1.07E-18
-32.026878
0.77570 -23107.508 -11.939886
-7.39E-19 2.30E-15 8.65E-18
90.401724
1.00000 -25854.376 -11.939886
-7.39E-19 2.30E-15 1.62E-17
212.830326

COMB ULB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14866.906 -11.939886
-7.39E-19 2.30E-15 -1.41E-17
-276.884082
0.32711 -17613.774 -11.939886
-7.39E-19 2.30E-15 -6.50E-18
-154.455480
0.55141 -20360.641 -11.939886
-7.39E-19 2.30E-15 1.07E-18
-32.026878
0.77570 -23107.508 -11.939886
-7.39E-19 2.30E-15 8.65E-18
90.401724
1.00000 -25854.376 -11.939886
-7.39E-19 2.30E-15 1.62E-17
212.830326

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 600

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 ULB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
92.306880 6.979183 -426.321866
-277.587178
0.32711 -13641.243 -11.939949
208.179018 6.979183 -1966.375
-155.157926
0.55141 -16388.111 -11.939949
324.148930 6.979183 -4695.553
-32.728673
0.77570 -19134.978 -11.939949
440.118843 6.979183 -8613.859
89.700579
1.00000 -21881.845 -11.939949
556.088755 6.979183 -13721.291
212.129831

COMB ULB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
92.306880 6.979183 -426.321866
-277.587178
0.32711 -13641.243 -11.939949
208.179018 6.979183 -1966.375
-155.157926
0.55141 -16388.111 -11.939949
324.148930 6.979183 -4695.553
-32.728673
0.77570 -19134.978 -11.939949
440.118843 6.979183 -8613.859
89.700579
1.00000 -21881.845 -11.939949
556.088755 6.979183 -13721.291
212.129831

COMB ULB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
46.153440 3.489591 -213.160933
-277.162050
0.32711 -16043.238 -11.939911
104.089509 3.489591 -983.187324
-154.733191
0.55141 -18790.106 -11.939911
162.074465 3.489591 -2347.777
-32.304332
0.77570 -21536.973 -11.939911
220.059421 3.489591 -4306.929
90.124527
1.00000 -24283.840 -11.939911
278.044378 3.489591 -6860.645
212.553386

COMB ULB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
46.153440 3.489591 -213.160933
-277.162050
0.32711 -16043.238 -11.939911
104.089509 3.489591 -983.187324
-154.733191
0.55141 -18790.106 -11.939911
162.074465 3.489591 -2347.777
-32.304332
0.77570 -21536.973 -11.939911
220.059421 3.489591 -4306.929
90.124527
1.00000 -24283.840 -11.939911
278.044378 3.489591 -6860.645
212.553386

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 601

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 ULB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
46.153440 3.489591 -213.160933
-277.587178
0.32711 -13641.243 -11.939949
104.089509 3.489591 -983.187324
-155.157926
0.55141 -16388.111 -11.939949
162.074465 3.489591 -2347.777
-32.728673
0.77570 -19134.978 -11.939949
220.059421 3.489591 -4306.929
89.700579
1.00000 -21881.845 -11.939949
278.044378 3.489591 -6860.645
212.129831

COMB ULB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
46.153440 3.489591 -213.160933
-277.587178
0.32711 -13641.243 -11.939949
104.089509 3.489591 -983.187324
-155.157926
0.55141 -16388.111 -11.939949
162.074465 3.489591 -2347.777
-32.728673
0.77570 -19134.978 -11.939949
220.059421 3.489591 -4306.929
89.700579
1.00000 -21881.845 -11.939949
278.044378 3.489591 -6860.645
212.129831

COMB ULB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
78.403130 -1.16E-08 -415.536641
-277.162050
0.32711 -16043.238 -11.939911
78.403130 -1.16E-08 -1219.463
-154.733191
0.55141 -18790.106 -11.939911
78.403130 -1.16E-08 -2023.389
-32.304332
0.77570 -21536.973 -11.939911
78.403130 -1.16E-08 -2827.315
90.124527
1.00000 -24283.840 -11.939911
78.403130 -1.16E-08 -3631.241
212.553386

COMB ULB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
78.403130 -1.16E-08 -415.536641
-277.162050
0.32711 -16043.238 -11.939911
78.403130 -1.16E-08 -1219.463
-154.733191
0.55141 -18790.106 -11.939911
78.403130 -1.16E-08 -2023.389
-32.304332
0.77570 -21536.973 -11.939911
78.403130 -1.16E-08 -2827.315
90.124527

1.00000 -24283.840 -11.939911
78.403130 -1.16E-08 -3631.241
212.553386

COMB ULB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
-7.37E-19 2.30E-15 -1.40E-17
-277.162050
0.32711 -16043.238 -11.939911
-7.37E-19 2.30E-15 -6.48E-18
-154.733191
0.55141 -18790.106 -11.939911
-7.37E-19 2.30E-15 1.07E-18
-32.304332
0.77570 -21536.973 -11.939911
-7.37E-19 2.30E-15 8.63E-18
90.124527
1.00000 -24283.840 -11.939911
-7.37E-19 2.30E-15 1.62E-17
212.553386

COMB ULB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
-7.37E-19 2.30E-15 -1.40E-17
-277.162050
0.32711 -16043.238 -11.939911
-7.37E-19 2.30E-15 -6.48E-18
-154.733191
0.55141 -18790.106 -11.939911
-7.37E-19 2.30E-15 1.07E-18
-32.304332
0.77570 -21536.973 -11.939911
-7.37E-19 2.30E-15 8.63E-18
90.124527
1.00000 -24283.840 -11.939911
-7.37E-19 2.30E-15 1.62E-17
212.553386

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 602

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 ULB08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
78.403130 -1.16E-08 -415.536641
-277.587178
0.32711 -13641.243 -11.939949
78.403130 -1.16E-08 -1219.463
-155.157926
0.55141 -16388.111 -11.939949
78.403130 -1.16E-08 -2023.389
-32.728673
0.77570 -19134.978 -11.939949
78.403130 -1.16E-08 -2827.315
89.700579
1.00000 -21881.845 -11.939949
78.403130 -1.16E-08 -3631.241
212.129831

COMB ULB08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
78.403130 -1.16E-08 -415.536641
-277.587178
0.32711 -13641.243 -11.939949
78.403130 -1.16E-08 -1219.463
-155.157926
0.55141 -16388.111 -11.939949
78.403130 -1.16E-08 -2023.389
-32.728673
0.77570 -19134.978 -11.939949
78.403130 -1.16E-08 -2827.315
89.700579
1.00000 -21881.845 -11.939949
78.403130 -1.16E-08 -3631.241
212.129831

COMB ULB09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULB09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULB10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
164.144241 6.710752 -809.479334
-266.910748
0.32711 -13116.580 -11.480720
275.559758 6.710752 -3063.305
-149.190313
0.55141 -15757.799 -11.480720
387.069289 6.710752 -6460.521
-31.469878
0.77570 -18399.017 -11.480720
498.578820 6.710752 -11001.129
86.250557
1.00000 -21040.236 -11.480720
610.088351 6.710752 -16685.127
203.970992

COMB ULB10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
164.144241 6.710752 -809.479334
-266.910748
0.32711 -13116.580 -11.480720
275.559758 6.710752 -3063.305
-149.190313
0.55141 -15757.799 -11.480720
387.069289 6.710752 -6460.521
-31.469878
0.77570 -18399.017 -11.480720
498.578820 6.710752 -11001.129
86.250557
1.00000 -21040.236 -11.480720
610.088351 6.710752 -16685.127
203.970992

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 603

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 ULB11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
88.756616 6.710752 -409.924871
-266.910748
0.32711 -13116.580 -11.480720
200.172132 6.710752 -1890.745
-149.190313
0.55141 -15757.799 -11.480720
311.681664 6.710752 -4514.955
-31.469878
0.77570 -18399.017 -11.480720
423.191195 6.710752 -8282.557
86.250557
1.00000 -21040.236 -11.480720
534.700726 6.710752 -13193.549
203.970992

COMB ULB11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
88.756616 6.710752 -409.924871
-266.910748
0.32711 -13116.580 -11.480720
200.172132 6.710752 -1890.745
-149.190313
0.55141 -15757.799 -11.480720
311.681664 6.710752 -4514.955
-31.469878
0.77570 -18399.017 -11.480720
423.191195 6.710752 -8282.557
86.250557
1.00000 -21040.236 -11.480720
534.700726 6.710752 -13193.549
203.970992

COMB ULB12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -12784.972 -11.480683
119.765933 3.355376 -604.516898
-266.501971
0.32711 -15426.191 -11.480683
175.473691 3.355376 -2117.933
-148.781914
0.55141 -18067.409 -11.480683
231.228457 3.355376 -4203.044
-31.061857
0.77570 -20708.628 -11.480683
286.983223 3.355376 -6859.850
86.658199
1.00000 -23349.847 -11.480683
342.737988 3.355376 -10088.352
204.378256

COMB ULB12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -12784.972 -11.480683
119.765933 3.355376 -604.516898
-266.501971
0.32711 -15426.191 -11.480683
175.473691 3.355376 -2117.933
-148.781914
0.55141 -18067.409 -11.480683
231.228457 3.355376 -4203.044
-31.061857
0.77570 -20708.628 -11.480683
286.983223 3.355376 -6859.850
86.658199
1.00000 -23349.847 -11.480683
342.737988 3.355376 -10088.352
204.378256

COMB ULB13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -12784.972 -11.480683
44.378308 3.355376 -204.962436
-266.501971
0.32711 -15426.191 -11.480683
100.086066 3.355376 -945.372427
-148.781914
0.55141 -18067.409 -11.480683
155.840832 3.355376 -2257.478
-31.061857
0.77570 -20708.628 -11.480683
211.595597 3.355376 -4141.278
86.658199
1.00000 -23349.847 -11.480683
267.350363 3.355376 -6596.774
204.378256

COMB ULB13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -12784.972 -11.480683
44.378308 3.355376 -204.962436
-266.501971
0.32711 -15426.191 -11.480683
100.086066 3.355376 -945.372427
-148.781914
0.55141 -18067.409 -11.480683
155.840832 3.355376 -2257.478
-31.061857
0.77570 -20708.628 -11.480683
211.595597 3.355376 -4141.278
86.658199
1.00000 -23349.847 -11.480683
267.350363 3.355376 -6596.774
204.378256

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 604

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 ULB14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
119.765933 3.355376 -604.516898
-266.910748
0.32711 -13116.580 -11.480720
175.473691 3.355376 -2117.933
-149.190313
0.55141 -15757.799 -11.480720
231.228457 3.355376 -4203.044
-31.469878
0.77570 -18399.017 -11.480720
286.983223 3.355376 -6859.850
86.250557
1.00000 -21040.236 -11.480720
342.737988 3.355376 -10088.352
203.970992

COMB ULB14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
119.765933 3.355376 -604.516898
-266.910748
0.32711 -13116.580 -11.480720
175.473691 3.355376 -2117.933
-149.190313
0.55141 -15757.799 -11.480720
231.228457 3.355376 -4203.044
-31.469878
0.77570 -18399.017 -11.480720
286.983223 3.355376 -6859.850
86.250557
1.00000 -21040.236 -11.480720
342.737988 3.355376 -10088.352
203.970992

COMB ULB15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
44.378308 3.355376 -204.962436
-266.910748
0.32711 -13116.580 -11.480720
100.086066 3.355376 -945.372427
-149.190313
0.55141 -15757.799 -11.480720
155.840832 3.355376 -2257.478
-31.469878
0.77570 -18399.017 -11.480720
211.595597 3.355376 -4141.278
86.250557
1.00000 -21040.236 -11.480720
267.350363 3.355376 -6596.774
203.970992

COMB ULB15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10475.362 -11.480720
44.378308 3.355376 -204.962436
-266.910748
0.32711 -13116.580 -11.480720
100.086066 3.355376 -945.372427
-149.190313
0.55141 -15757.799 -11.480720
155.840832 3.355376 -2257.478
-31.469878
0.77570 -18399.017 -11.480720
211.595597 3.355376 -4141.278
86.250557
1.00000 -21040.236 -11.480720
267.350363 3.355376 -6596.774
203.970992

COMB ULB16 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17

163.176793

COMB ULB16 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

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 ULB17 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
-7.37E-19 2.30E-15 -1.40E-17
-277.162050
0.32711 -16043.238 -11.939911
-7.37E-19 2.30E-15 -6.48E-18
-154.733191
0.55141 -18790.106 -11.939911
-7.37E-19 2.30E-15 1.07E-18
-32.304332
0.77570 -21536.973 -11.939911
-7.37E-19 2.30E-15 8.63E-18
90.124527
1.00000 -24283.840 -11.939911
-7.37E-19 2.30E-15 1.62E-17
212.553386

COMB ULB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
-7.37E-19 2.30E-15 -1.40E-17
-277.162050
0.32711 -16043.238 -11.939911
-7.37E-19 2.30E-15 -6.48E-18
-154.733191
0.55141 -18790.106 -11.939911
-7.37E-19 2.30E-15 1.07E-18
-32.304332
0.77570 -21536.973 -11.939911
-7.37E-19 2.30E-15 8.63E-18
90.124527
1.00000 -24283.840 -11.939911
-7.37E-19 2.30E-15 1.62E-17
212.553386

COMB ULB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10056.347 -11.021491
85.206351 6.442322 -393.527876
-256.234318
0.32711 -12591.917 -11.021491
192.165247 6.442322 -1815.115
-143.222701
0.55141 -15127.487 -11.021491
299.214397 6.442322 -4334.357
-30.211083
0.77570 -17663.057 -11.021491
406.263547 6.442322 -7951.254
82.800534
1.00000 -20198.627 -11.021491
513.312697 6.442322 -12665.807
195.812152

COMB ULB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10056.347 -11.021491
85.206351 6.442322 -393.527876
-256.234318
0.32711 -12591.917 -11.021491
192.165247 6.442322 -1815.115
-143.222701
0.55141 -15127.487 -11.021491
299.214397 6.442322 -4334.357
-30.211083
0.77570 -17663.057 -11.021491
406.263547 6.442322 -7951.254
82.800534
1.00000 -20198.627 -11.021491
513.312697 6.442322 -12665.807
195.812152

COMB UEB01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -12352.819 -9.184513
-5.70E-19 1.77E-15 -1.09E-17
-212.825502
0.32711 -14465.794 -9.184513
-5.70E-19 1.77E-15 -5.01E-18
-118.649805
0.55141 -16578.769 -9.184513
-5.70E-19 1.77E-15 8.28E-19
-24.474107
0.77570 -18691.744 -9.184513
-5.70E-19 1.77E-15 6.67E-18
69.701591
1.00000 -20804.719 -9.184513
-5.70E-19 1.77E-15 1.25E-17
163.877288

COMB UEB01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -12352.819 -9.184513
-5.70E-19 1.77E-15 -1.09E-17
-212.825502
0.32711 -14465.794 -9.184513
-5.70E-19 1.77E-15 -5.01E-18
-118.649805
0.55141 -16578.769 -9.184513
-5.70E-19 1.77E-15 8.28E-19
-24.474107
0.77570 -18691.744 -9.184513
-5.70E-19 1.77E-15 6.67E-18
69.701591
1.00000 -20804.719 -9.184513
-5.70E-19 1.77E-15 1.25E-17
163.877288

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 UEB02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB UEB02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB UEB03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
92.306880 6.979183 -426.321866
-213.528598
0.32711 -10493.264 -9.184576
208.179018 6.979183 -1966.375
-119.352250
0.55141 -12606.239 -9.184576
324.148930 6.979183 -4695.553
-25.175903
0.77570 -14719.214 -9.184576
440.118843 6.979183 -8613.859
69.000445
1.00000 -16832.189 -9.184576
556.088755 6.979183 -13721.291
163.176793

COMB UEB03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
92.306880 6.979183 -426.321866
-213.528598
0.32711 -10493.264 -9.184576
208.179018 6.979183 -1966.375
-119.352250
0.55141 -12606.239 -9.184576
324.148930 6.979183 -4695.553
-25.175903
0.77570 -14719.214 -9.184576
440.118843 6.979183 -8613.859
69.000445
1.00000 -16832.189 -9.184576
556.088755 6.979183 -13721.291
163.176793

COMB UEB04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10782.284 -9.184538
46.153440 3.489591 -213.160933
-213.103470
0.32711 -12895.259 -9.184538
104.089509 3.489591 -983.187324
-118.927516
0.55141 -15008.234 -9.184538
162.074465 3.489591 -2347.777
-24.751561
0.77570 -17121.209 -9.184538
220.059421 3.489591 -4306.929
69.424394
1.00000 -19234.184 -9.184538
278.044378 3.489591 -6860.645
163.600348

COMB UEB04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10782.284 -9.184538
46.153440 3.489591 -213.160933
-213.103470
0.32711 -12895.259 -9.184538
104.089509 3.489591 -983.187324
-118.927516
0.55141 -15008.234 -9.184538
162.074465 3.489591 -2347.777
-24.751561
0.77570 -17121.209 -9.184538
220.059421 3.489591 -4306.929
69.424394
1.00000 -19234.184 -9.184538
278.044378 3.489591 -6860.645
163.600348

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 UEB05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
46.153440 3.489591 -213.160933
-213.528598
0.32711 -10493.264 -9.184576
104.089509 3.489591 -983.187324
-119.352250
0.55141 -12606.239 -9.184576
162.074465 3.489591 -2347.777
-25.175903
0.77570 -14719.214 -9.184576
220.059421 3.489591 -4306.929
69.000445
1.00000 -16832.189 -9.184576
278.044378 3.489591 -6860.645
163.176793

COMB UEB05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
46.153440 3.489591 -213.160933
-213.528598
0.32711 -10493.264 -9.184576
104.089509 3.489591 -983.187324
-119.352250
0.55141 -12606.239 -9.184576
162.074465 3.489591 -2347.777
-25.175903
0.77570 -14719.214 -9.184576
220.059421 3.489591 -4306.929
69.000445
1.00000 -16832.189 -9.184576
278.044378 3.489591 -6860.645
163.176793

COMB UEB06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10782.284 -9.184538
78.403130 -1.16E-08 -415.536641
-213.103470
0.32711 -12895.259 -9.184538
78.403130 -1.16E-08 -1219.463
-118.927516
0.55141 -15008.234 -9.184538
78.403130 -1.16E-08 -2023.389
-24.751561
0.77570 -17121.209 -9.184538
78.403130 -1.16E-08 -2827.315
69.424394
1.00000 -19234.184 -9.184538
78.403130 -1.16E-08 -3631.241
163.600348

COMB UEB06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10782.284 -9.184538
78.403130 -1.16E-08 -415.536641
-213.103470
0.32711 -12895.259 -9.184538
78.403130 -1.16E-08 -1219.463
-118.927516
0.55141 -15008.234 -9.184538
78.403130 -1.16E-08 -2023.389
-24.751561
0.77570 -17121.209 -9.184538
78.403130 -1.16E-08 -2827.315
69.424394
1.00000 -19234.184 -9.184538
78.403130 -1.16E-08 -3631.241
163.600348

COMB UEB07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10782.284 -9.184538
-5.68E-19 1.77E-15 -1.08E-17
-213.103470
0.32711 -12895.259 -9.184538
-5.68E-19 1.77E-15 -5.00E-18
-118.927516
0.55141 -15008.234 -9.184538
-5.68E-19 1.77E-15 8.25E-19
-24.751561
0.77570 -17121.209 -9.184538
-5.68E-19 1.77E-15 6.65E-18
69.424394
1.00000 -19234.184 -9.184538
-5.68E-19 1.77E-15 1.25E-17
163.600348

COMB UEB07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10782.284 -9.184538
-5.68E-19 1.77E-15 -1.08E-17
-213.103470
0.32711 -12895.259 -9.184538
-5.68E-19 1.77E-15 -5.00E-18
-118.927516
0.55141 -15008.234 -9.184538
-5.68E-19 1.77E-15 8.25E-19
-24.751561
0.77570 -17121.209 -9.184538
-5.68E-19 1.77E-15 6.65E-18
69.424394
1.00000 -19234.184 -9.184538
-5.68E-19 1.77E-15 1.25E-17
163.600348

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 UEB08 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
78.403130	-1.16E-08	-415.536641
-213.528598		
0.32711	-10493.264	-9.184576
78.403130	-1.16E-08	-1219.463
-119.352250		
0.55141	-12606.239	-9.184576
78.403130	-1.16E-08	-2023.389
-25.175903		
0.77570	-14719.214	-9.184576
78.403130	-1.16E-08	-2827.315
69.000445		
1.00000	-16832.189	-9.184576
78.403130	-1.16E-08	-3631.241
163.176793		

COMB UEB08 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
78.403130	-1.16E-08	-415.536641
-213.528598		
0.32711	-10493.264	-9.184576
78.403130	-1.16E-08	-1219.463
-119.352250		
0.55141	-12606.239	-9.184576
78.403130	-1.16E-08	-2023.389
-25.175903		
0.77570	-14719.214	-9.184576
78.403130	-1.16E-08	-2827.315
69.000445		
1.00000	-16832.189	-9.184576
78.403130	-1.16E-08	-3631.241
163.176793		

COMB UEB09 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB UEB09 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB UEB10 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-7961.275	-8.725347
164.144241	6.710752	-809.479334
-202.852168		
0.32711	-9968.601	-8.725347
275.559758	6.710752	-3063.305
-113.384638		
0.55141	-11975.927	-8.725347
387.069289	6.710752	-6460.521
-23.917107		

0.77570 -17121.209 -9.184538
-5.68E-19 1.77E-15 6.65E-18
69.424394
1.00000 -19234.184 -9.184538
-5.68E-19 1.77E-15 1.25E-17
163.600348

COMB UEB17 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10782.284 -9.184538
-5.68E-19 1.77E-15 -1.08E-17
-213.103470
0.32711 -12895.259 -9.184538
-5.68E-19 1.77E-15 -5.00E-18
-118.927516
0.55141 -15008.234 -9.184538
-5.68E-19 1.77E-15 8.25E-19
-24.751561
0.77570 -17121.209 -9.184538
-5.68E-19 1.77E-15 6.65E-18
69.424394
1.00000 -19234.184 -9.184538
-5.68E-19 1.77E-15 1.25E-17
163.600348

COMB UEB18 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -7542.260 -8.266119
85.206351 6.442322 -393.527876
-192.175739
0.32711 -9443.938 -8.266119
192.165247 6.442322 -1815.115
-107.417025
0.55141 -11345.615 -8.266119
299.214397 6.442322 -4334.357
-22.658312
0.77570 -13247.293 -8.266119
406.263547 6.442322 -7951.254
62.100401
1.00000 -15148.970 -8.266119
513.312697 6.442322 -12665.807
146.859114

COMB UEB18 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -7542.260 -8.266119
85.206351 6.442322 -393.527876
-192.175739
0.32711 -9443.938 -8.266119
192.165247 6.442322 -1815.115
-107.417025
0.55141 -11345.615 -8.266119
299.214397 6.442322 -4334.357
-22.658312
0.77570 -13247.293 -8.266119
406.263547 6.442322 -7951.254
62.100401
1.00000 -15148.970 -8.266119
513.312697 6.442322 -12665.807
146.859114

COMB SVO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
-5.67E-19 1.77E-15 -1.08E-17
-213.201577
0.32711 -12340.953 -9.184547
-5.67E-19 1.77E-15 -4.99E-18
-119.025531
0.55141 -14453.928 -9.184547
-5.67E-19 1.77E-15 8.24E-19
-24.849486
0.77570 -16566.902 -9.184547
-5.67E-19 1.77E-15 6.64E-18
69.326559
1.00000 -18679.877 -9.184547
-5.67E-19 1.77E-15 1.24E-17
163.502605

COMB SVO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
-5.67E-19 1.77E-15 -1.08E-17
-213.201577
0.32711 -12340.953 -9.184547
-5.67E-19 1.77E-15 -4.99E-18
-119.025531
0.55141 -14453.928 -9.184547
-5.67E-19 1.77E-15 8.24E-19
-24.849486
0.77570 -16566.902 -9.184547
-5.67E-19 1.77E-15 6.64E-18
69.326559
1.00000 -18679.877 -9.184547
-5.67E-19 1.77E-15 1.24E-17
163.502605

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 612

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 SVO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB SVO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB SVO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -11224.167 -430.853411
8.66E-17 7.01E-16 1.65E-15
-9002.738
0.32711 -13337.142 -466.199024
8.66E-17 7.01E-16 7.62E-16
-4403.815
0.55141 -15450.117 -501.574461
8.66E-17 7.01E-16 -1.26E-16
557.838809
0.77570 -17563.092 -536.949899
8.66E-17 7.01E-16 -1.01E-15
5882.223
1.00000 -19676.067 -572.325336
8.66E-17 7.01E-16 -1.90E-15
11569.339

COMB SVO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -11224.167 -430.853411
8.66E-17 7.01E-16 1.65E-15
-9002.738
0.32711 -13337.142 -466.199024
8.66E-17 7.01E-16 7.62E-16
-4403.815
0.55141 -15450.117 -501.574461
8.66E-17 7.01E-16 -1.26E-16
557.838809
0.77570 -17563.092 -536.949899
8.66E-17 7.01E-16 -1.01E-15
5882.223
1.00000 -19676.067 -572.325336
8.66E-17 7.01E-16 -1.90E-15
11569.339

COMB SVO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -11942.207 -261.435569
5.19E-17 1.18E-15 9.90E-16
-5373.989
0.32711 -14055.182 -279.108375
5.19E-17 1.18E-15 4.57E-16
-2602.764
0.55141 -16168.157 -296.796094
5.19E-17 1.18E-15 -7.55E-17
349.825838
0.77570 -18281.132 -314.483812
5.19E-17 1.18E-15 -6.08E-16
3483.782
1.00000 -20394.107 -332.171531
5.19E-17 1.18E-15 -1.14E-15
6799.103

COMB SVO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -11942.207 -261.435569
5.19E-17 1.18E-15 9.90E-16
-5373.989
0.32711 -14055.182 -279.108375
5.19E-17 1.18E-15 4.57E-16
-2602.764
0.55141 -16168.157 -296.796094
5.19E-17 1.18E-15 -7.55E-17
349.825838
0.77570 -18281.132 -314.483812
5.19E-17 1.18E-15 -6.08E-16
3483.782
1.00000 -20394.107 -332.171531
5.19E-17 1.18E-15 -1.14E-15
6799.103

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 613

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 SVO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10094.519 -261.435598
5.19E-17 1.18E-15 9.90E-16
-5374.316
0.32711 -12207.494 -279.108404
5.19E-17 1.18E-15 4.57E-16
-2603.091
0.55141 -14320.469 -296.796123
5.19E-17 1.18E-15 -7.55E-17
349.499421
0.77570 -16433.444 -314.483842
5.19E-17 1.18E-15 -6.08E-16
3483.455
1.00000 -18546.419 -332.171561
5.19E-17 1.18E-15 -1.14E-15
6798.777

COMB SVO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10094.519 -261.435598
5.19E-17 1.18E-15 9.90E-16
-5374.316
0.32711 -12207.494 -279.108404
5.19E-17 1.18E-15 4.57E-16
-2603.091
0.55141 -14320.469 -296.796123
5.19E-17 1.18E-15 -7.55E-17
349.499421
0.77570 -16433.444 -314.483842
5.19E-17 1.18E-15 -6.08E-16
3483.455
1.00000 -18546.419 -332.171561
5.19E-17 1.18E-15 -1.14E-15
6798.777

COMB SVO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10228.033 -24.526357
-4.80E-19 1.10E-15 -9.15E-18
-509.781033
0.32711 -12341.008 -24.526357
-4.80E-19 1.10E-15 -4.23E-18
-258.293896
0.55141 -14453.983 -24.526357
-4.80E-19 1.10E-15 6.98E-19
-6.806758
0.77570 -16566.957 -24.526357
-4.80E-19 1.10E-15 5.62E-18
244.680380
1.00000 -18679.932 -24.526357
-4.80E-19 1.10E-15 1.05E-17
496.167518

COMB SVO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10228.033 -24.526357
-4.80E-19 1.10E-15 -9.15E-18
-509.781033
0.32711 -12341.008 -24.526357
-4.80E-19 1.10E-15 -4.23E-18
-258.293896
0.55141 -14453.983 -24.526357
-4.80E-19 1.10E-15 6.98E-19
-6.806758
0.77570 -16566.957 -24.526357
-4.80E-19 1.10E-15 5.62E-18
244.680380
1.00000 -18679.932 -24.526357
-4.80E-19 1.10E-15 1.05E-17
496.167518

COMB SVO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
-5.67E-19 1.77E-15 -1.08E-17
-213.201577
0.32711 -12340.953 -9.184547
-5.67E-19 1.77E-15 -4.99E-18
-119.025531
0.55141 -14453.928 -9.184547
-5.67E-19 1.77E-15 8.24E-19
-24.849486
0.77570 -16566.902 -9.184547
-5.67E-19 1.77E-15 6.64E-18
69.326559
1.00000 -18679.877 -9.184547
-5.67E-19 1.77E-15 1.24E-17
163.502605

COMB SVO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10227.978 -9.184547
-5.67E-19 1.77E-15 -1.08E-17
-213.201577
0.32711 -12340.953 -9.184547
-5.67E-19 1.77E-15 -4.99E-18
-119.025531
0.55141 -14453.928 -9.184547
-5.67E-19 1.77E-15 8.24E-19
-24.849486
0.77570 -16566.902 -9.184547
-5.67E-19 1.77E-15 6.64E-18
69.326559
1.00000 -18679.877 -9.184547
-5.67E-19 1.77E-15 1.24E-17
163.502605

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 614

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 SVO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.344 -24.526387
-4.78E-19 1.10E-15 -9.10E-18
-510.108055
0.32711 -10493.319 -24.526387
-4.78E-19 1.10E-15 -4.20E-18
-258.620615
0.55141 -12606.294 -24.526387
-4.78E-19 1.10E-15 6.95E-19
-7.133174
0.77570 -14719.269 -24.526387
-4.78E-19 1.10E-15 5.59E-18
244.354266
1.00000 -16832.244 -24.526387
-4.78E-19 1.10E-15 1.05E-17
495.841706

COMB SVO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.344 -24.526387
-4.78E-19 1.10E-15 -9.10E-18
-510.108055
0.32711 -10493.319 -24.526387
-4.78E-19 1.10E-15 -4.20E-18
-258.620615
0.55141 -12606.294 -24.526387
-4.78E-19 1.10E-15 6.95E-19
-7.133174
0.77570 -14719.269 -24.526387
-4.78E-19 1.10E-15 5.59E-18

244.354266
1.00000 -16832.244 -24.526387
-4.78E-19 1.10E-15 1.05E-17
495.841706

COMB SVO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB SVO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -8380.289 -9.184576
-5.64E-19 1.77E-15 -1.08E-17
-213.528598
0.32711 -10493.264 -9.184576
-5.64E-19 1.77E-15 -4.97E-18
-119.352250
0.55141 -12606.239 -9.184576
-5.64E-19 1.77E-15 8.21E-19
-25.175903
0.77570 -14719.214 -9.184576
-5.64E-19 1.77E-15 6.61E-18
69.000445
1.00000 -16832.189 -9.184576
-5.64E-19 1.77E-15 1.24E-17
163.176793

COMB SVO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -11224.223 -446.195222
8.66E-17 3.61E-17 1.65E-15
-9299.317
0.32711 -13337.197 -481.540834
8.66E-17 3.61E-17 7.62E-16
-4543.083
0.55141 -15450.172 -516.916272
8.66E-17 3.61E-17 -1.26E-16
575.881537
0.77570 -17563.147 -552.291709
8.66E-17 3.61E-17 -1.01E-15
6057.577
1.00000 -19676.122 -587.667147
8.66E-17 3.61E-17 -1.90E-15
11902.004

COMB SVO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -11224.223 -446.195222
8.66E-17 3.61E-17 1.65E-15
-9299.317
0.32711 -13337.197 -481.540834
8.66E-17 3.61E-17 7.62E-16
-4543.083
0.55141 -15450.172 -516.916272
8.66E-17 3.61E-17 -1.26E-16
575.881537
0.77570 -17563.147 -552.291709
8.66E-17 3.61E-17 -1.01E-15
6057.577
1.00000 -19676.122 -587.667147
8.66E-17 3.61E-17 -1.90E-15
11902.004
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 615

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 SVO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -11224.167 -430.853411
8.66E-17 7.01E-16 1.65E-15
-9002.738
0.32711 -13337.142 -466.199024
8.66E-17 7.01E-16 7.62E-16
-4403.815
0.55141 -15450.117 -501.574461
8.66E-17 7.01E-16 -1.26E-16
557.838809
0.77570 -17563.092 -536.949899
8.66E-17 7.01E-16 -1.01E-15
5882.223
1.00000 -19676.067 -572.325336
8.66E-17 7.01E-16 -1.90E-15
11569.339

COMB SVO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -11224.167 -430.853411
8.66E-17 7.01E-16 1.65E-15
-9002.738
0.32711 -13337.142 -466.199024
8.66E-17 7.01E-16 7.62E-16
-4403.815
0.55141 -15450.117 -501.574461
8.66E-17 7.01E-16 -1.26E-16
557.838809
0.77570 -17563.092 -536.949899
8.66E-17 7.01E-16 -1.01E-15
5882.223
1.00000 -19676.067 -572.325336
8.66E-17 7.01E-16 -1.90E-15
11569.339

COMB SVO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -11942.263 -276.777379
5.20E-17 5.20E-16 9.91E-16
-5670.569
0.32711 -14055.237 -294.450186
5.20E-17 5.20E-16 4.58E-16
-2742.033
0.55141 -16168.212 -312.137904
5.20E-17 5.20E-16 -7.57E-17
367.868566
0.77570 -18281.187 -329.825623
5.20E-17 5.20E-16 -6.09E-16
3659.135
1.00000 -20394.162 -347.513342
5.20E-17 5.20E-16 -1.14E-15
7131.768

COMB SVO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -11942.263 -276.777379
5.20E-17 5.20E-16 9.91E-16
-5670.569
0.32711 -14055.237 -294.450186
5.20E-17 5.20E-16 4.58E-16
-2742.033
0.55141 -16168.212 -312.137904
5.20E-17 5.20E-16 -7.57E-17
367.868566
0.77570 -18281.187 -329.825623
5.20E-17 5.20E-16 -6.09E-16
3659.135
1.00000 -20394.162 -347.513342
5.20E-17 5.20E-16 -1.14E-15
7131.768

COMB SVO13 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -11942.207 -261.435569
5.19E-17 1.18E-15 9.90E-16
-5373.989
0.32711 -14055.182 -279.108375
5.19E-17 1.18E-15 4.57E-16
-2602.764
0.55141 -16168.157 -296.796094
5.19E-17 1.18E-15 -7.55E-17
349.825838
0.77570 -18281.132 -314.483812
5.19E-17 1.18E-15 -6.08E-16
3483.782
1.00000 -20394.107 -332.171531
5.19E-17 1.18E-15 -1.14E-15
6799.103

COMB SVO13 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -11942.207 -261.435569
5.19E-17 1.18E-15 9.90E-16
-5373.989
0.32711 -14055.182 -279.108375
5.19E-17 1.18E-15 4.57E-16
-2602.764
0.55141 -16168.157 -296.796094
5.19E-17 1.18E-15 -7.55E-17
349.825838
0.77570 -18281.132 -314.483812
5.19E-17 1.18E-15 -6.08E-16
3483.782
1.00000 -20394.107 -332.171531
5.19E-17 1.18E-15 -1.14E-15
6799.103
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 616

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 SVO14 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10094.574 -276.777409
5.20E-17 5.20E-16 9.91E-16
-5670.896
0.32711 -12207.549 -294.450215
5.20E-17 5.20E-16 4.58E-16
-2742.359
0.55141 -14320.524 -312.137934
5.20E-17 5.20E-16 -7.57E-17
367.542149
0.77570 -16433.499 -329.825653
5.20E-17 5.20E-16 -6.09E-16
3658.809
1.00000 -18546.474 -347.513371
5.20E-17 5.20E-16 -1.14E-15
7131.442

COMB SVO14 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10094.574 -276.777409
5.20E-17 5.20E-16 9.91E-16
-5670.896
0.32711 -12207.549 -294.450215
5.20E-17 5.20E-16 4.58E-16
-2742.359
0.55141 -14320.524 -312.137934
5.20E-17 5.20E-16 -7.57E-17
367.542149
0.77570 -16433.499 -329.825653
5.20E-17 5.20E-16 -6.09E-16
3658.809
1.00000 -18546.474 -347.513371
5.20E-17 5.20E-16 -1.14E-15
7131.442

COMB SVO15 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10094.519 -261.435598
5.19E-17 1.18E-15 9.90E-16
-5374.316
0.32711 -12207.494 -279.108404
5.19E-17 1.18E-15 4.57E-16
-2603.091
0.55141 -14320.469 -296.796123
5.19E-17 1.18E-15 -7.55E-17
349.499421
0.77570 -16433.444 -314.483842
5.19E-17 1.18E-15 -6.08E-16
3483.455
1.00000 -18546.419 -332.171561
5.19E-17 1.18E-15 -1.14E-15
6798.777

COMB SVO15 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10094.519 -261.435598
5.19E-17 1.18E-15 9.90E-16
-5374.316
0.32711 -12207.494 -279.108404
5.19E-17 1.18E-15 4.57E-16
-2603.091
0.55141 -14320.469 -296.796123
5.19E-17 1.18E-15 -7.55E-17
349.499421
0.77570 -16433.444 -314.483842
5.19E-17 1.18E-15 -6.08E-16
3483.455
1.00000 -18546.419 -332.171561
5.19E-17 1.18E-15 -1.14E-15
6798.777

COMB ULO01 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14591.418 -560.109435
1.13E-16 9.12E-16 2.14E-15
-11703.559
0.32711 -17338.285 -606.058731
1.13E-16 9.12E-16 9.90E-16
-5724.959
0.55141 -20085.152 -652.046799
1.13E-16 9.12E-16 -1.64E-16
725.190451
0.77570 -22832.020 -698.034868
1.13E-16 9.12E-16 -1.32E-15
7646.890
1.00000 -25578.887 -744.022937
V3 T M2 M3
0.10281 -14866.906 -11.939886
-7.39E-19 2.30E-15 -1.41E-17
-276.884082
0.32711 -17613.774 -11.939886
-7.39E-19 2.30E-15 -6.50E-18
-154.455480
0.55141 -20360.641 -11.939886
-7.39E-19 2.30E-15 1.07E-18
-32.026878
0.77570 -23107.508 -11.939886
-7.39E-19 2.30E-15 8.65E-18
90.401724
1.00000 -25854.376 -11.939886
-7.39E-19 2.30E-15 1.62E-17
212.830326

COMB ULO01 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14866.906 -11.939886
-7.39E-19 2.30E-15 -1.41E-17
-276.884082
0.32711 -17613.774 -11.939886
-7.39E-19 2.30E-15 -6.50E-18
-154.455480
0.55141 -20360.641 -11.939886
-7.39E-19 2.30E-15 1.07E-18
-32.026878
0.77570 -23107.508 -11.939886
-7.39E-19 2.30E-15 8.65E-18
90.401724
1.00000 -25854.376 -11.939886
-7.39E-19 2.30E-15 1.62E-17
212.830326
Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.OUT

Page
; AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 617

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 ULO02 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULO02 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULO03 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14591.418 -560.109435
1.13E-16 9.12E-16 2.14E-15
-11703.559
0.32711 -17338.285 -606.058731
1.13E-16 9.12E-16 9.90E-16
-5724.959
0.55141 -20085.152 -652.046799
1.13E-16 9.12E-16 -1.64E-16
725.190451
0.77570 -22832.020 -698.034868
1.13E-16 9.12E-16 -1.32E-15
7646.890
1.00000 -25578.887 -744.022937

1.13E-16 9.12E-16 -2.47E-15
15040.141

COMB ULO03 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14591.418 -560.109435
1.13E-16 9.12E-16 2.14E-15
-11703.559
0.32711 -17338.285 -606.058731
1.13E-16 9.12E-16 9.90E-16
-5724.959
0.55141 -20085.152 -652.046799
1.13E-16 9.12E-16 -1.64E-16
725.190451
0.77570 -22832.020 -698.034868
1.13E-16 9.12E-16 -1.32E-15
7646.890
1.00000 -25578.887 -744.022937
1.13E-16 9.12E-16 -2.47E-15
15040.141

COMB ULO04 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -15524.870 -339.866239
6.75E-17 1.54E-15 1.29E-15
-6986.186
0.32711 -18271.737 -362.840887
6.75E-17 1.54E-15 5.94E-16
-3383.594
0.55141 -21018.604 -385.834922
6.75E-17 1.54E-15 -9.82E-17
454.773589
0.77570 -23765.472 -408.828956
6.75E-17 1.54E-15 -7.91E-16
4528.916
1.00000 -26512.339 -431.822990
6.75E-17 1.54E-15 -1.48E-15
8838.833

COMB ULO04 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -15524.870 -339.866239
6.75E-17 1.54E-15 1.29E-15
-6986.186
0.32711 -18271.737 -362.840887
6.75E-17 1.54E-15 5.94E-16
-3383.594
0.55141 -21018.604 -385.834922
6.75E-17 1.54E-15 -9.82E-17
454.773589
0.77570 -23765.472 -408.828956
6.75E-17 1.54E-15 -7.91E-16
4528.916
1.00000 -26512.339 -431.822990
6.75E-17 1.54E-15 -1.48E-15
8838.833

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 ULO05 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13122.875 -339.866278
6.75E-17 1.54E-15 1.29E-15
-6986.611
0.32711 -15869.742 -362.840926
6.75E-17 1.54E-15 5.94E-16
-3384.018
0.55141 -18616.609 -385.834960
6.75E-17 1.54E-15 -9.82E-17
454.349247
0.77570 -21363.477 -408.828994
6.75E-17 1.54E-15 -7.91E-16
4528.492
1.00000 -24110.344 -431.823029
6.75E-17 1.54E-15 -1.48E-15
8838.410

COMB ULO05 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13122.875 -339.866278
6.75E-17 1.54E-15 1.29E-15
-6986.611
0.32711 -15869.742 -362.840926
6.75E-17 1.54E-15 5.94E-16
-3384.018
0.55141 -18616.609 -385.834960
6.75E-17 1.54E-15 -9.82E-17
454.349247
0.77570 -21363.477 -408.828994
6.75E-17 1.54E-15 -7.91E-16
4528.492
1.00000 -24110.344 -431.823029
6.75E-17 1.54E-15 -1.48E-15
8838.410

COMB ULO06 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13296.443 -31.884265
-6.24E-19 1.43E-15 -1.19E-17
-662.715343
0.32711 -16043.310 -31.884265
-6.24E-19 1.43E-15 -5.49E-18
-335.782064
0.55141 -18790.177 -31.884265
-6.24E-19 1.43E-15 9.08E-19
-8.848785
0.77570 -21537.045 -31.884265
-6.24E-19 1.43E-15 7.31E-18
318.084494
1.00000 -24283.912 -31.884265
-6.24E-19 1.43E-15 1.37E-17
645.017773

COMB ULO06 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13296.443 -31.884265
-6.24E-19 1.43E-15 -1.19E-17
-662.715343
0.32711 -16043.310 -31.884265
-6.24E-19 1.43E-15 -5.49E-18
-335.782064
0.55141 -18790.177 -31.884265
-6.24E-19 1.43E-15 9.08E-19
-8.848785
0.77570 -21537.045 -31.884265
-6.24E-19 1.43E-15 7.31E-18
318.084494
1.00000 -24283.912 -31.884265
-6.24E-19 1.43E-15 1.37E-17
645.017773

COMB ULO07 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
-7.37E-19 2.30E-15 -1.40E-17
-277.162050
0.32711 -16043.238 -11.939911
-7.37E-19 2.30E-15 -6.48E-18
-154.733191
0.55141 -18790.106 -11.939911
-7.37E-19 2.30E-15 1.07E-18
-32.304332
0.77570 -21536.973 -11.939911
-7.37E-19 2.30E-15 8.63E-18
90.124527
1.00000 -24283.840 -11.939911
-7.37E-19 2.30E-15 1.62E-17
212.553386

COMB ULO07 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -13296.371 -11.939911
-7.37E-19 2.30E-15 -1.40E-17
-277.162050
0.32711 -16043.238 -11.939911
-7.37E-19 2.30E-15 -6.48E-18
-154.733191
0.55141 -18790.106 -11.939911
-7.37E-19 2.30E-15 1.07E-18
-32.304332
0.77570 -21536.973 -11.939911
-7.37E-19 2.30E-15 8.63E-18
90.124527
1.00000 -24283.840 -11.939911
-7.37E-19 2.30E-15 1.62E-17
212.553386

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 ULO08 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.448 -31.884303
-6.21E-19 1.43E-15 -1.18E-17
-663.140471
0.32711 -13641.315 -31.884303
-6.21E-19 1.43E-15 -5.46E-18
-336.206799
0.55141 -16388.182 -31.884303
-6.21E-19 1.43E-15 9.03E-19
-9.273127
0.77570 -19135.050 -31.884303
-6.21E-19 1.43E-15 7.27E-18
317.660545
1.00000 -21881.917 -31.884303
-6.21E-19 1.43E-15 1.36E-17
644.594218

COMB ULO08 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.448 -31.884303
-6.21E-19 1.43E-15 -1.18E-17
-663.140471
0.32711 -13641.315 -31.884303
-6.21E-19 1.43E-15 -5.46E-18
-336.206799
0.55141 -16388.182 -31.884303
-6.21E-19 1.43E-15 9.03E-19
-9.273127
0.77570 -19135.050 -31.884303
-6.21E-19 1.43E-15 7.27E-18
317.660545
1.00000 -21881.917 -31.884303
-6.21E-19 1.43E-15 1.36E-17
644.594218

COMB ULO09 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULO09 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -10894.376 -11.939949
-7.34E-19 2.30E-15 -1.40E-17
-277.587178
0.32711 -13641.243 -11.939949
-7.34E-19 2.30E-15 -6.46E-18
-155.157926
0.55141 -16388.111 -11.939949
-7.34E-19 2.30E-15 1.07E-18
-32.728673
0.77570 -19134.978 -11.939949
-7.34E-19 2.30E-15 8.59E-18
89.700579
1.00000 -21881.845 -11.939949
-7.34E-19 2.30E-15 1.61E-17
212.129831

COMB ULO10 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14030.278 -557.744028
1.08E-16 4.51E-17 2.06E-15
-11624.147
0.32711 -16671.497 -601.926043
1.08E-16 4.51E-17 9.53E-16
-5678.854
0.55141 -19312.715 -646.145340
1.08E-16 4.51E-17 -1.57E-16
719.851921
0.77570 -21953.934 -690.364637
1.08E-16 4.51E-17 -1.27E-15
7571.972
1.00000 -24595.153 -734.583934
1.08E-16 4.51E-17 -2.38E-15
14877.505

COMB ULO10 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14030.278 -557.744028
1.08E-16 4.51E-17 2.06E-15
-11624.147
0.32711 -16671.497 -601.926043
1.08E-16 4.51E-17 9.53E-16
-5678.854
0.55141 -19312.715 -646.145340
1.08E-16 4.51E-17 -1.57E-16
719.851921
0.77570 -21953.934 -690.364637
1.08E-16 4.51E-17 -1.27E-15
7571.972
1.00000 -24595.153 -734.583934
1.08E-16 4.51E-17 -2.38E-15
14877.505

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 ULO11 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14030.209 -538.566764
1.08E-16 8.77E-16 2.06E-15
-11253.422
0.32711 -16671.428 -582.748779
1.08E-16 8.77E-16 9.52E-16
-5504.769
0.55141 -19312.647 -626.968076
1.08E-16 8.77E-16 -1.57E-16
697.298511
0.77570 -21953.865 -671.187373
1.08E-16 8.77E-16 -1.27E-15
7352.779
1.00000 -24595.084 -715.406670
1.08E-16 8.77E-16 -2.38E-15
14461.674

COMB ULO11 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14030.209 -538.566764
1.08E-16 8.77E-16 2.06E-15
-11253.422
0.32711 -16671.428 -582.748779
1.08E-16 8.77E-16 9.52E-16
-5504.769
0.55141 -19312.647 -626.968076
1.08E-16 8.77E-16 -1.57E-16
697.298511
0.77570 -21953.865 -671.187373
1.08E-16 8.77E-16 -1.27E-15
7352.779
1.00000 -24595.084 -715.406670
1.08E-16 8.77E-16 -2.38E-15
14461.674

COMB ULO12 ----------
MAX

REL DIST P V2
V3 T M2 M3
0.10281 -14927.828 -345.971724
6.50E-17 6.49E-16 1.24E-15
-7088.211
0.32711 -17569.047 -368.062732
6.50E-17 6.49E-16 5.72E-16
-3427.541
0.55141 -20210.265 -390.172380
6.50E-17 6.49E-16 -9.46E-17
459.835707
0.77570 -22851.484 -412.282029
6.50E-17 6.49E-16 -7.61E-16
4573.919
1.00000 -25492.703 -434.391677
6.50E-17 6.49E-16 -1.43E-15
8914.709

COMB ULO12 ----------
MIN

REL DIST P V2
V3 T M2 M3
0.10281 -14927.828 -345.971724
6.50E-17 6.49E-16 1.24E-15
-7088.211
0.32711 -17569.047 -368.062732
6.50E-17 6.49E-16 5.72E-16
-3427.541
0.55141 -20210.265 -390.172380
6.50E-17 6.49E-16 -9.46E-17
459.835707
0.77570 -22851.484 -412.282029
6.50E-17 6.49E-16 -7.61E-16
4573.919
1.00000 -25492.703 -434.391677
6.50E-17 6.49E-16 -1.43E-15
8914.709

COMB ULO13 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-14927.759	-326.794461
6.49E-17	1.48E-15	1.24E-15
-6717.487		
0.32711	-17568.978	-348.885469
6.49E-17	1.48E-15	5.71E-16
-3253.455		
0.55141	-20210.196	-370.995117
6.49E-17	1.48E-15	-9.44E-17
437.282297		
0.77570	-22851.415	-393.104765
6.49E-17	1.48E-15	-7.60E-16
4354.727		
1.00000	-25492.634	-415.214414
6.49E-17	1.48E-15	-1.43E-15
8498.878		

COMB ULO13 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-14927.759	-326.794461
6.49E-17	1.48E-15	1.24E-15
-6717.487		
0.32711	-17568.978	-348.885469
6.49E-17	1.48E-15	5.71E-16
-3253.455		
0.55141	-20210.196	-370.995117
6.49E-17	1.48E-15	-9.44E-17
437.282297		
0.77570	-22851.415	-393.104765
6.49E-17	1.48E-15	-7.60E-16
4354.727		
1.00000	-25492.634	-415.214414
6.49E-17	1.48E-15	-1.43E-15
8498.878		

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 ULO14 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12618.218	-345.971761
6.50E-17	6.49E-16	1.24E-15
-7088.620		
0.32711	-15259.436	-368.062769
6.50E-17	6.49E-16	5.72E-16
-3427.949		
0.55141	-17900.655	-390.172417
6.50E-17	6.49E-16	-9.46E-17
459.427686		
0.77570	-20541.873	-412.282066
6.50E-17	6.49E-16	-7.61E-16
4573.512		
1.00000	-23183.092	-434.391714
6.50E-17	6.49E-16	-1.43E-15
8914.302		

COMB ULO14 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12618.218	-345.971761
6.50E-17	6.49E-16	1.24E-15
-7088.620		
0.32711	-15259.436	-368.062769
6.50E-17	6.49E-16	5.72E-16
-3427.949		
0.55141	-17900.655	-390.172417
6.50E-17	6.49E-16	-9.46E-17
459.427686		
0.77570	-20541.873	-412.282066
6.50E-17	6.49E-16	-7.61E-16
4573.512		
1.00000	-23183.092	-434.391714
6.50E-17	6.49E-16	-1.43E-15
8914.302		

COMB ULO15 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12618.149	-326.794498
6.49E-17	1.48E-15	1.24E-15
-6717.895		
0.32711	-15259.367	-348.885505
6.49E-17	1.48E-15	5.71E-16
-3253.864		
0.55141	-17900.586	-370.995154
6.49E-17	1.48E-15	-9.44E-17
436.874276		
0.77570	-20541.805	-393.104802
6.49E-17	1.48E-15	-7.60E-16
4354.319		
1.00000	-23183.023	-415.214451
6.49E-17	1.48E-15	-1.43E-15
8498.471		

COMB ULO15 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12618.149	-326.794498
6.49E-17	1.48E-15	1.24E-15
-6717.895		
0.32711	-15259.367	-348.885505
6.49E-17	1.48E-15	5.71E-16
-3253.864		
0.55141	-17900.586	-370.995154
6.49E-17	1.48E-15	-9.44E-17
436.874276		
0.77570	-20541.805	-393.104802
6.49E-17	1.48E-15	-7.60E-16
4354.319		
1.00000	-23183.023	-415.214451
6.49E-17	1.48E-15	-1.43E-15
8498.471		

COMB ULO16 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB ULO16 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

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 ULO17 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-13296.371	-11.939911
-7.37E-19	2.30E-15	-1.40E-17
-277.162050		
0.32711	-16043.238	-11.939911
-7.37E-19	2.30E-15	-6.48E-18
-154.733191		
0.55141	-18790.106	-11.939911
-7.37E-19	2.30E-15	1.07E-18
-32.304332		
0.77570	-21536.973	-11.939911
-7.37E-19	2.30E-15	8.63E-18
90.124527		
1.00000	-24283.840	-11.939911
-7.37E-19	2.30E-15	1.62E-17
212.553386		

COMB ULO17 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-13296.371	-11.939911
-7.37E-19	2.30E-15	-1.40E-17
-277.162050		
0.32711	-16043.238	-11.939911
-7.37E-19	2.30E-15	-6.48E-18
-154.733191		
0.55141	-18790.106	-11.939911
-7.37E-19	2.30E-15	1.07E-18
-32.304332		
0.77570	-21536.973	-11.939911
-7.37E-19	2.30E-15	8.63E-18
90.124527		
1.00000	-24283.840	-11.939911
-7.37E-19	2.30E-15	1.62E-17
212.553386		

COMB ULO18 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-13469.001	-517.024094
1.04E-16	8.42E-16	1.98E-15
-10803.285		
0.32711	-16004.571	-559.438828
1.04E-16	8.42E-16	9.14E-16
-5284.578		
0.55141	-18540.141	-601.889353
1.04E-16	8.42E-16	-1.51E-16
669.406570		
0.77570	-21075.711	-644.339878
1.04E-16	8.42E-16	-1.22E-15
7058.668		
1.00000	-23611.280	-686.790403
1.04E-16	8.42E-16	-2.28E-15
13883.207		

COMB ULO18 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-13469.001	-517.024094
1.04E-16	8.42E-16	1.98E-15
-10803.285		
0.32711	-16004.571	-559.438828
1.04E-16	8.42E-16	9.14E-16
-5284.578		
0.55141	-18540.141	-601.889353
1.04E-16	8.42E-16	-1.51E-16
669.406570		
0.77570	-21075.711	-644.339878
1.04E-16	8.42E-16	-1.22E-15
7058.668		
1.00000	-23611.280	-686.790403
1.04E-16	8.42E-16	-2.28E-15
13883.207		

COMB UEO01 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12352.819	-9.184513
-5.70E-19	1.77E-15	-1.09E-17
-212.825502		
0.32711	-14465.794	-9.184513
-5.70E-19	1.77E-15	-5.01E-18
-118.649805		
0.55141	-16578.769	-9.184513
-5.70E-19	1.77E-15	8.28E-19
-24.474107		
0.77570	-18691.744	-9.184513
-5.70E-19	1.77E-15	6.67E-18
69.701591		
1.00000	-20804.719	-9.184513
-5.70E-19	1.77E-15	1.25E-17
163.877288		

COMB UEO01 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12352.819	-9.184513
-5.70E-19	1.77E-15	-1.09E-17
-212.825502		
0.32711	-14465.794	-9.184513
-5.70E-19	1.77E-15	-5.01E-18
-118.649805		
0.55141	-16578.769	-9.184513
-5.70E-19	1.77E-15	8.28E-19
-24.474107		
0.77570	-18691.744	-9.184513
-5.70E-19	1.77E-15	6.67E-18
69.701591		
1.00000	-20804.719	-9.184513
-5.70E-19	1.77E-15	1.25E-17
163.877288		

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 UEO02 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB UEO02 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB UEO03 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12077.331	-557.354062
1.13E-16	3.81E-16	2.15E-15
-11639.501		
0.32711	-14190.306	-603.303358
1.13E-16	3.81E-16	9.92E-16
-5689.154		
0.55141	-16303.281	-649.291427
1.13E-16	3.81E-16	-1.64E-16
732.743222		
0.77570	-18416.256	-695.279495
1.13E-16	3.81E-16	-1.32E-15
7626.190		
1.00000	-20529.230	-741.267564
1.13E-16	3.81E-16	-2.47E-15
14991.187		

COMB UEO03 ----------
MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12077.331	-557.354062
1.13E-16	3.81E-16	2.15E-15
-11639.501		
0.32711	-14190.306	-603.303358
1.13E-16	3.81E-16	9.92E-16
-5689.154		
0.55141	-16303.281	-649.291427
1.13E-16	3.81E-16	-1.64E-16
732.743222		
0.77570	-18416.256	-695.279495
1.13E-16	3.81E-16	-1.32E-15
7626.190		
1.00000	-20529.230	-741.267564
1.13E-16	3.81E-16	-2.47E-15
14991.187		

COMB UEO04 ----------
MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-13010.783	-337.110866
6.77E-17	1.01E-15	1.29E-15
-6922.127		
0.32711	-15123.758	-360.085514
6.77E-17	1.01E-15	5.96E-16
-3347.788		
0.55141	-17236.733	-383.079549
6.77E-17	1.01E-15	-9.84E-17
462.326360		
0.77570	-19349.708	-406.073583
6.77E-17	1.01E-15	-7.93E-16
4508.216		
1.00000	-21462.682	-429.067618
6.77E-17	1.01E-15	-1.49E-15
8789.880		

COMB UEO04 ----------

MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-13010.783	-337.110866
6.77E-17	1.01E-15	1.29E-15
-6922.127		
0.32711	-15123.758	-360.085514
6.77E-17	1.01E-15	5.96E-16
-3347.788		
0.55141	-17236.733	-383.079549
6.77E-17	1.01E-15	-9.84E-17
462.326360		
0.77570	-19349.708	-406.073583
6.77E-17	1.01E-15	-7.93E-16
4508.216		
1.00000	-21462.682	-429.067618
6.77E-17	1.01E-15	-1.49E-15
8789.880		

FRAME ELEMENT INTERNAL FORCES

COMB UEO05 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-10608.788	-337.110905
6.77E-17	1.01E-15	1.29E-15
-6922.553		
0.32711	-12721.763	-360.085553
6.77E-17	1.01E-15	5.96E-16
-3348.213		
0.55141	-14834.738	-383.079587
6.77E-17	1.01E-15	-9.84E-17
461.902018		
0.77570	-16947.713	-406.073621
6.77E-17	1.01E-15	-7.93E-16
4507.792		
1.00000	-19060.687	-429.067656
6.77E-17	1.01E-15	-1.49E-15
8789.457		

COMB UEO05 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-10608.788	-337.110905
6.77E-17	1.01E-15	1.29E-15
-6922.553		
0.32711	-12721.763	-360.085553
6.77E-17	1.01E-15	5.96E-16
-3348.213		
0.55141	-14834.738	-383.079587
6.77E-17	1.01E-15	-9.84E-17
461.902018		
0.77570	-16947.713	-406.073621
6.77E-17	1.01E-15	-7.93E-16
4507.792		
1.00000	-19060.687	-429.067656
6.77E-17	1.01E-15	-1.49E-15
8789.457		

COMB UEO06 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-10782.356	-29.128892
-4.55E-19	9.04E-16	-8.67E-18
-598.656764		
0.32711	-12895.331	-29.128892
-4.55E-19	9.04E-16	-4.00E-18
-299.976389		
0.55141	-15008.306	-29.128892
-4.55E-19	9.04E-16	6.61E-19
-1.296014		
0.77570	-17121.281	-29.128892
-4.55E-19	9.04E-16	5.33E-18
297.384360		
1.00000	-19234.255	-29.128892
-4.55E-19	9.04E-16	9.99E-18
596.064735		

COMB UEO06 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-10782.356	-29.128892
-4.55E-19	9.04E-16	-8.67E-18
-598.656764		
0.32711	-12895.331	-29.128892
-4.55E-19	9.04E-16	-4.00E-18
-299.976389		
0.55141	-15008.306	-29.128892
-4.55E-19	9.04E-16	6.61E-19
-1.296014		
0.77570	-17121.281	-29.128892
-4.55E-19	9.04E-16	5.33E-18
297.384360		
1.00000	-19234.255	-29.128892
-4.55E-19	9.04E-16	9.99E-18
596.064735		

COMB UEO07 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-10782.284	-9.184538
-5.68E-19	1.77E-15	-1.08E-17
-213.103470		
0.32711	-12895.259	-9.184538
-5.68E-19	1.77E-15	-5.00E-18
-118.927516		
0.55141	-15008.234	-9.184538
-5.68E-19	1.77E-15	8.25E-19
-24.751561		
0.77570	-17121.209	-9.184538
-5.68E-19	1.77E-15	6.65E-18
69.424394		
1.00000	-19234.184	-9.184538
-5.68E-19	1.77E-15	1.25E-17
163.600348		

COMB UEO07 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-10782.284	-9.184538
-5.68E-19	1.77E-15	-1.08E-17
-213.103470		
0.32711	-12895.259	-9.184538
-5.68E-19	1.77E-15	-5.00E-18
-118.927516		
0.55141	-15008.234	-9.184538
-5.68E-19	1.77E-15	8.25E-19
-24.751561		
0.77570	-17121.209	-9.184538
-5.68E-19	1.77E-15	6.65E-18
69.424394		
1.00000	-19234.184	-9.184538
-5.68E-19	1.77E-15	1.25E-17
163.600348		

FRAME ELEMENT INTERNAL FORCES

COMB UEO08 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-8380.361	-29.128930
-4.52E-19	9.04E-16	-8.61E-18
-599.081892		
0.32711	-10493.336	-29.128930
-4.52E-19	9.04E-16	-3.97E-18
-300.401124		
0.55141	-12606.311	-29.128930
-4.52E-19	9.04E-16	6.57E-19
-1.720356		
0.77570	-14719.286	-29.128930
-4.52E-19	9.04E-16	5.29E-18
296.960412		
1.00000	-16832.260	-29.128930
-4.52E-19	9.04E-16	9.92E-18
595.641180		

COMB UEO08 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-8380.361	-29.128930
-4.52E-19	9.04E-16	-8.61E-18
-599.081892		
0.32711	-10493.336	-29.128930
-4.52E-19	9.04E-16	-3.97E-18
-300.401124		
0.55141	-12606.311	-29.128930
-4.52E-19	9.04E-16	6.57E-19
-1.720356		
0.77570	-14719.286	-29.128930
-4.52E-19	9.04E-16	5.29E-18
296.960412		
1.00000	-16832.260	-29.128930
-4.52E-19	9.04E-16	9.92E-18
595.641180		

COMB UEO09 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB UEO09 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB UEO10 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-11516.191	-554.988655
1.08E-16	-4.86E-16	2.07E-15
-11560.088		
0.32711	-13523.518	-599.170670
1.08E-16	-4.86E-16	9.55E-16
-5643.048		
0.55141	-15530.844	-643.389967
1.08E-16	-4.86E-16	-1.58E-16
727.404692		
0.77570	-17538.170	-687.609264
1.08E-16	-4.86E-16	-1.27E-15
7551.271		
1.00000	-19545.496	-731.828561
1.08E-16	-4.86E-16	-2.38E-15
14828.552		

COMB UEO10 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-11516.191	-554.988655
1.08E-16	-4.86E-16	2.07E-15
-11560.088		
0.32711	-13523.518	-599.170670
1.08E-16	-4.86E-16	9.55E-16
-5643.048		
0.55141	-15530.844	-643.389967
1.08E-16	-4.86E-16	-1.58E-16
727.404692		
0.77570	-17538.170	-687.609264
1.08E-16	-4.86E-16	-1.27E-15
7551.271		
1.00000	-19545.496	-731.828561
1.08E-16	-4.86E-16	-2.38E-15
14828.552		

FRAME ELEMENT INTERNAL FORCES

COMB UEO11 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-11516.123	-535.811391
1.08E-16	3.46E-16	2.06E-15
-11189.364		
0.32711	-13523.449	-579.993407
1.08E-16	3.46E-16	9.54E-16
-5468.963		
0.55141	-15530.775	-624.212703
1.08E-16	3.46E-16	-1.58E-16
704.851281		
0.77570	-17538.101	-668.432000
1.08E-16	3.46E-16	-1.27E-15
7332.079		
1.00000	-19545.427	-712.651297
1.08E-16	3.46E-16	-2.38E-15
14412.721		

COMB UEO11 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-11516.123	-535.811391
1.08E-16	3.46E-16	2.06E-15
-11189.364		
0.32711	-13523.449	-579.993407
1.08E-16	3.46E-16	9.54E-16
-5468.963		
0.55141	-15530.775	-624.212703
1.08E-16	3.46E-16	-1.58E-16
704.851281		
0.77570	-17538.101	-668.432000
1.08E-16	3.46E-16	-1.27E-15
7332.079		
1.00000	-19545.427	-712.651297
1.08E-16	3.46E-16	-2.38E-15
14412.721		

COMB UEO12 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-12413.741	-343.216351
6.52E-17	1.19E-16	1.24E-15
-7024.152		
0.32711	-14421.067	-365.307359
6.52E-17	1.19E-16	5.74E-16
-3391.735		
0.55141	-16428.394	-387.417008
6.52E-17	1.19E-16	-9.48E-17
467.388478		
0.77570	-18435.720	-409.526656
6.52E-17	1.19E-16	-7.63E-16
4553.219		
1.00000	-20443.046	-431.636304
6.52E-17	1.19E-16	-1.43E-15
8865.756		

COMB UEO12 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-12413.741	-343.216351
6.52E-17	1.19E-16	1.24E-15
-7024.152		
0.32711	-14421.067	-365.307359
6.52E-17	1.19E-16	5.74E-16
-3391.735		
0.55141	-16428.394	-387.417008
6.52E-17	1.19E-16	-9.48E-17
467.388478		
0.77570	-18435.720	-409.526656
6.52E-17	1.19E-16	-7.63E-16
4553.219		
1.00000	-20443.046	-431.636304
6.52E-17	1.19E-16	-1.43E-15
8865.756		

COMB UEO13 ----------
MAX

REL DIST	P	V2
V3	T M2	M3
0.10281	-12413.672	-324.039088
6.51E-17	9.50E-16	1.24E-15
-6653.428		
0.32711	-14420.999	-346.130096
6.51E-17	9.50E-16	5.73E-16
-3217.650		
0.55141	-16428.325	-368.239744
6.51E-17	9.50E-16	-9.47E-17
444.835068		
0.77570	-18435.651	-390.349393
6.51E-17	9.50E-16	-7.62E-16
4334.027		
1.00000	-20442.977	-412.459041
6.51E-17	9.50E-16	-1.43E-15
8449.925		

COMB UEO13 ----------
MIN

REL DIST	P	V2
V3	T M2	M3
0.10281	-12413.672	-324.039088
6.51E-17	9.50E-16	1.24E-15
-6653.428		
0.32711	-14420.999	-346.130096
6.51E-17	9.50E-16	5.73E-16
-3217.650		
0.55141	-16428.325	-368.239744
6.51E-17	9.50E-16	-9.47E-17
444.835068		
0.77570	-18435.651	-390.349393
6.51E-17	9.50E-16	-7.62E-16
4334.027		
1.00000	-20442.977	-412.459041
6.51E-17	9.50E-16	-1.43E-15
8449.925		

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 UEO14 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10104.131	-343.216388
6.52E-17	1.19E-16	1.24E-15
-7024.561		
0.32711	-12111.457	-365.307396
6.52E-17	1.19E-16	5.74E-16
-3392.144		
0.55141	-14118.783	-387.417044
6.52E-17	1.19E-16	-9.48E-17
466.980457		
0.77570	-16126.109	-409.526693
6.52E-17	1.19E-16	-7.63E-16
4552.811		
1.00000	-18133.435	-431.636341
6.52E-17	1.19E-16	-1.43E-15
8865.349		

COMB UEO14 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10104.131	-343.216388
6.52E-17	1.19E-16	1.24E-15
-7024.561		
0.32711	-12111.457	-365.307396
6.52E-17	1.19E-16	5.74E-16
-3392.144		
0.55141	-14118.783	-387.417044
6.52E-17	1.19E-16	-9.48E-17
466.980457		
0.77570	-16126.109	-409.526693
6.52E-17	1.19E-16	-7.63E-16
4552.811		
1.00000	-18133.435	-431.636341
6.52E-17	1.19E-16	-1.43E-15
8865.349		

COMB UEO15 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10104.062	-324.039125
6.51E-17	9.50E-16	1.24E-15
-6653.837		
0.32711	-12111.388	-346.130133
6.51E-17	9.50E-16	5.73E-16
-3218.058		
0.55141	-14118.714	-368.239781
6.51E-17	9.50E-16	-9.47E-17
444.427047		
0.77570	-16126.040	-390.349429
6.51E-17	9.50E-16	-7.62E-16
4333.619		
1.00000	-18133.366	-412.459078
6.51E-17	9.50E-16	-1.43E-15
8449.518		

COMB UEO15 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10104.062	-324.039125
6.51E-17	9.50E-16	1.24E-15
-6653.837		
0.32711	-12111.388	-346.130133
6.51E-17	9.50E-16	5.73E-16
-3218.058		
0.55141	-14118.714	-368.239781
6.51E-17	9.50E-16	-9.47E-17
444.427047		
0.77570	-16126.040	-390.349429
6.51E-17	9.50E-16	-7.62E-16
4333.619		
1.00000	-18133.366	-412.459078
6.51E-17	9.50E-16	-1.43E-15
8449.518		

COMB UEO16 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

COMB UEO16 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184576
-5.64E-19	1.77E-15	-1.08E-17
-213.528598		
0.32711	-10493.264	-9.184576
-5.64E-19	1.77E-15	-4.97E-18
-119.352250		
0.55141	-12606.239	-9.184576
-5.64E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-14719.214	-9.184576
-5.64E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-16832.189	-9.184576
-5.64E-19	1.77E-15	1.24E-17
163.176793		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 UEO17 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10782.284	-9.184538
-5.68E-19	1.77E-15	-1.08E-17
-213.103470		
0.32711	-12895.259	-9.184538
-5.68E-19	1.77E-15	-5.00E-18
-118.927516		
0.55141	-15008.234	-9.184538
-5.68E-19	1.77E-15	8.25E-19
-24.751561		
0.77570	-17121.209	-9.184538
-5.68E-19	1.77E-15	6.65E-18
69.424394		
1.00000	-19234.184	-9.184538
-5.68E-19	1.77E-15	1.25E-17
163.600348		

COMB UEO17 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10782.284	-9.184538
-5.68E-19	1.77E-15	-1.08E-17
-213.103470		
0.32711	-12895.259	-9.184538
-5.68E-19	1.77E-15	-5.00E-18
-118.927516		
0.55141	-15008.234	-9.184538
-5.68E-19	1.77E-15	8.25E-19
-24.751561		
0.77570	-17121.209	-9.184538
-5.68E-19	1.77E-15	6.65E-18
69.424394		
1.00000	-19234.184	-9.184538
-5.68E-19	1.77E-15	1.25E-17
163.600348		

COMB UEO18 ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10954.914	-514.268721
1.04E-16	3.11E-16	1.98E-15
-10739.227		
0.32711	-12856.592	-556.683455
1.04E-16	3.11E-16	9.16E-16
-5248.772		
0.55141	-14758.269	-599.133980
1.04E-16	3.11E-16	-1.51E-16
676.959341		
0.77570	-16659.946	-641.584505
1.04E-16	3.11E-16	-1.22E-15
7037.968		
1.00000	-18561.624	-684.035030
1.04E-16	3.11E-16	-2.28E-15
13834.254		

COMB UEO18 ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-10954.914	-514.268721
1.04E-16	3.11E-16	1.98E-15
-10739.227		
0.32711	-12856.592	-556.683455
1.04E-16	3.11E-16	9.16E-16
-5248.772		
0.55141	-14758.269	-599.133980
1.04E-16	3.11E-16	-1.51E-16
676.959341		
0.77570	-16659.946	-641.584505
1.04E-16	3.11E-16	-1.22E-15
7037.968		
1.00000	-18561.624	-684.035030
1.04E-16	3.11E-16	-2.28E-15
13834.254		

COMB ENVBULT ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-14866.906	-11.939886
-7.39E-19	2.30E-15	-1.41E-17
-276.884082		
0.32711	-17613.774	-11.939886
-7.39E-19	2.30E-15	-6.50E-18
-154.455480		
0.55141	-20360.641	-11.939886
-7.39E-19	2.30E-15	1.07E-18
-32.026878		
0.77570	-23107.508	-11.939886
-7.39E-19	2.30E-15	8.65E-18
90.401724		
1.00000	-25854.376	-11.939886
-7.39E-19	2.30E-15	1.62E-17
212.830326		

COMB ENVBULT ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-14866.906	-11.939886
-7.39E-19	2.30E-15	-1.41E-17
-276.884082		
0.32711	-17613.774	-11.939886
-7.39E-19	2.30E-15	-6.50E-18
-154.455480		
0.55141	-20360.641	-11.939886
-7.39E-19	2.30E-15	1.07E-18
-32.026878		
0.77570	-23107.508	-11.939886
-7.39E-19	2.30E-15	8.65E-18
90.401724		
1.00000	-25854.376	-11.939886
-7.39E-19	2.30E-15	1.62E-17
212.830326		

Program SAP2000 Nonlinear Version 7.42 File:청도2교_P6_본체.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 ENVBECC ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184513
-5.64E-19	1.77E-15	-1.08E-17
-212.825502		
0.32711	-10493.264	-9.184513
-5.64E-19	1.77E-15	-4.97E-18
-118.649805		
0.55141	-12606.239	-9.184513
-5.64E-19	1.77E-15	8.28E-19
-24.474107		
0.77570	-14719.214	-9.184513
-5.64E-19	1.77E-15	6.67E-18
69.701591		
1.00000	-16832.189	-9.184513
-5.64E-19	1.77E-15	1.25E-17
163.877288		

COMB ENVBECC ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12352.819	-9.184576
-5.70E-19	1.77E-15	-1.09E-17
-213.528598		
0.32711	-14465.794	-9.184576
-5.70E-19	1.77E-15	-5.01E-18
-119.352250		
0.55141	-16578.769	-9.184576
-5.70E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-18691.744	-9.184576
-5.70E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-20804.719	-9.184576
-5.70E-19	1.77E-15	1.24E-17
163.176793		

COMB ENVOULT ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-14866.906	-11.939886
-7.39E-19	2.30E-15	-1.41E-17
-276.884082		
0.32711	-17613.774	-11.939886
-7.39E-19	2.30E-15	-6.50E-18
-154.455480		
0.55141	-20360.641	-11.939886
-7.39E-19	2.30E-15	1.07E-18
-32.026878		
0.77570	-23107.508	-11.939886
-7.39E-19	2.30E-15	8.65E-18
90.401724		
1.00000	-25854.376	-11.939886
-7.39E-19	2.30E-15	1.62E-17
212.830326		

COMB ENVOULT ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-14866.906	-11.939886
-7.39E-19	2.30E-15	-1.41E-17
-276.884082		
0.32711	-17613.774	-11.939886
-7.39E-19	2.30E-15	-6.50E-18
-154.455480		
0.55141	-20360.641	-11.939886
-7.39E-19	2.30E-15	1.07E-18
-32.026878		
0.77570	-23107.508	-11.939886
-7.39E-19	2.30E-15	8.65E-18
90.401724		
1.00000	-25854.376	-11.939886
-7.39E-19	2.30E-15	1.62E-17
212.830326		

COMB ENVOECC ---------- MAX

REL DIST	P	V2
V3	T	M2	M3
0.10281	-8380.289	-9.184513
-5.64E-19	1.77E-15	-1.08E-17
-212.825502		
0.32711	-10493.264	-9.184513
-5.64E-19	1.77E-15	-4.97E-18
-118.649805		
0.55141	-12606.239	-9.184513
-5.64E-19	1.77E-15	8.28E-19
-24.474107		
0.77570	-14719.214	-9.184513
-5.64E-19	1.77E-15	6.67E-18
69.701591		
1.00000	-16832.189	-9.184513
-5.64E-19	1.77E-15	1.25E-17
163.877288		

COMB ENVOECC ---------- MIN

REL DIST	P	V2
V3	T	M2	M3
0.10281	-12352.819	-9.184576
-5.70E-19	1.77E-15	-1.09E-17
-213.528598		
0.32711	-14465.794	-9.184576
-5.70E-19	1.77E-15	-5.01E-18
-119.352250		
0.55141	-16578.769	-9.184576
-5.70E-19	1.77E-15	8.21E-19
-25.175903		
0.77570	-18691.744	-9.184576
-5.70E-19	1.77E-15	6.61E-18
69.000445		
1.00000	-20804.719	-9.184576
-5.70E-19	1.77E-15	1.24E-17
163.176793		