

ITINERARIO RAGUSA-CATANIA

Collegamento viario compreso tra lo Svincolo della S.S. 514 "di Chiaramonte" con la S.S. 115 e lo Svincolo della S.S. 194 "Ragusana"

LOTTO 4 - Dallo svincolo n. 8 "Francofonte" (compreso) allo svincolo della "Ragusana"(escluso)

PROGETTO ESECUTIVO

COD. **PA898**

PROGETTAZIONE: ATI SINTAGMA - GP INGEGNERIA - COOPROGETTI -GDG - ICARIA - OMNISERVICE

PROGETTISTA RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:

Dott. Ing. Nando Granieri

Ordine degli Ingegneri della Prov. di Perugia n° A351



IL GEOLOGO:

Dott. Geol. Giorgio Cerquiglini

Ordine dei Geologi della Regione Umbria n° 108

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:

Dott. Ing. Filippo Pambianco


Ordine degli Ingegneri della Provincia di Perugia n° A1373

VISTO IL RESPONSABILE DEL PROCEDIMENTO

Dott. Ing. Luigi Mupo

IL GRUPPO DI PROGETTAZIONE:

MANDATARIA:

	Dott. Ing. N. Granieri	Dott. Ing. M. Abram
	Dott. Ing. F. Durastanti	Dott. Ing. F. Pambianco
	Dott. Ing. V. Truffini	Dott. Ing. M. Briganti Botta
	Dott. Arch. A. Bracchini	Dott. Ing. L. Gagliardini
	Dott. Ing. L. Nani	Dott. Geol. G. Cerquiglini

MANDANTI:

	Dott. Ing. G. Guiducci	Dott. Ing. G. Lucibello
	Dott. Ing. A. Signorelli	Dott. Arch. G. Guastella
	Dott. Ing. E. Moscatelli	Dott. Geol. M. Leonardi
	Dott. Ing. A. Bela	Dott. Ing. G. Parente
	Dott. Arch. E. A. E. Crimi	Dott. Ing. L. Ragnacci
	Dott. Ing. M. Panfilì	Dott. Arch. A. Strati
	Dott. Arch. P. Ghirelli	Archeol. M. G. Liseno
	Dott. Ing. D. Pelle	
	Dott. Ing. D. Carlacchini	Dott. Ing. F. Aloe
	Dott. Ing. S. Sacconi	Dott. Ing. A. Salvemini
	Dott. Ing. C. Consorti	
	Dott. Ing. V. Rotisciani	Dott. Ing. G. Verini Supplizi
	Dott. Ing. G. Pulli	Dott. Ing. V. Piunno
	Dott. Ing. F. Macchioni	Geom. C. Sugaroni
	Dott. Ing. P. Agnello	

IL RESPONSABILE DI PROGETTO:



VIADOTTI
VIADOTTO BARBAIANNI - CARR.SX
Tabulati di calcolo delle sottostrutture

CODICE PROGETTO			NOME FILE		REVISIONE	SCALA:
PROGETTO	LIV. PROG.	N. PROG.	T04VI02STRRE04			
L0408Z	E	2101	CODICE ELAB. T04VI02STRRE04		A	-
A	Emissione		Giu 2021	M. Botta	F. Durastanti	N. Granieri
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO	APPROVATO

TIME AT CENTRAL PROCESSOR = 10:11:54 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 NLPZ 98304000
 NPGS 960
 MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 IDTIME 1

LL UU UU SSSSSS AAAA SSSSSS
 LL UU UU SS SS AA AA SS SS
 LL UU UU SS AA AA SS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SS AA AA SS
 LLLLLLLL UU UU SS SS AA AA SS SS
 LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
 Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
 Forge House,
 66 High Street,
 Kingston upon Thames,
 Surrey, KT1 1HN, UK
 www.lusas.com
 Sales Enquiries: Tel +44 (0)20 8541 1999
 Fax +44 (0)20 8549 9399
 Email: info@lusas.com
 Customer Support: Tel +44 (0)20 3325 0440
 Fax +44 (0)20 8549 9399
 Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021
 Using Sentinel license server.
 Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
 Element Library : Plus
 Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
 Input file :
 D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale~01 - Fasel.dat
 Number of processors available : 8
 Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:11:55 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C
 GRAVITY DIRECTION = Z ACCELERATION = -9.810
 O P T I O N (S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
 O P T I O N (S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
 O P T I O N (S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
 O P T I O N (S) 123 CLOCKWISE NODE NUMBERING
 O P T I O N (S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
 O P T I O N (S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
 O P T I O N (S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
 O P T I O N (S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
 O P T I O N (S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
 O P T I O N (S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
 O P T I O N (S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
 O P T I O N (S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
 O P T I O N (S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N (S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N (S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N (S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N (S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N (S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N (S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	2	3	1671	1672
2	6	5	1663	1664
11	13	12	1669	1670
63	61	60	1665	1666
64	65	64	1667	1668
82	95	96	1659	1660
83	117	118	1661	1662
84	75	123	1655	1656
85	85	124	1653	1654
86	97	125	1657	1658

87	107	126	1651	1652
524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
QTS4	ELEMENTS			
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
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534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
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548	523	524	582	581
549	524	525	583	582
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564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
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585	562	563	620	619
586	563	564	621	620
587	564	565	622	621
588	565	566	623	622
589	566	567	624	623
590	567	568	625	624
591	568	569	626	625
592	569	570	627	626
593	570	571	628	627
594	571	572	629	628
595	572	573	630	629
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599	576	577	634	633
600	577	578	635	634
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639	616	617	674	673
640	617	618	675	674
641	618	619	676	675
642	619	620	677	676
643	620	621	678	677
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645	622	623	680	679
646	623	624	681	680
647	624	625	682	681
648	625	626	683	682
649	626	627	684	683
650	627	628	685	684
651	628	629	686	685

707	629	630	687	686
708	630	631	688	687
709	631	632	689	688
710	632	633	690	689
711	633	634	691	690
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713	635	636	693	692
714	636	637	694	693
715	637	638	695	694
716	638	639	696	695
717	639	640	697	696
718	640	641	698	697
719	641	642	699	698
720	642	643	700	699
721	643	644	701	700
722	644	645	702	701
723	645	646	703	702
724	646	647	704	703
725	647	648	705	704
726	648	649	706	705
727	649	650	707	706
728	650	651	708	707
729	651	652	709	708
730	652	653	710	709
731	653	654	711	710
732	654	655	712	711
733	655	656	713	712
734	656	657	714	713
735	657	658	715	714
736	658	659	716	715
737	659	660	717	716
738	660	661	718	717
739	661	662	719	718
740	662	663	720	719
741	663	664	721	720
742	664	665	722	721
743	665	666	723	722
744	666	667	724	723
745	667	668	725	724
746	668	669	726	725
747	669	670	727	726
748	670	671	728	727
749	671	672	729	728
750	673	674	731	730
751	674	675	732	731
752	675	676	733	732
753	676	677	734	733
754	677	678	735	734
755	678	679	736	735
756	679	680	737	736
757	680	681	738	737
758	681	682	739	738
759	682	683	740	739
760	683	684	741	740
761	684	685	742	741
762	685	686	743	742
763	686	687	744	743
764	687	688	745	744
765	688	689	746	745
766	689	690	747	746
767	690	691	748	747
768	691	692	749	748
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775	698	699	756	755
776	699	700	757	756
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778	701	702	759	758
779	702	703	760	759
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781	704	705	762	761
782	705	706	763	762
783	706	707	764	763
784	707	708	765	764
785	708	709	766	765
786	709	710	767	766
787	710	711	768	767
788	711	712	769	768
789	712	713	770	769
790	713	714	771	770
791	714	715	772	771
792	715	716	773	772
793	716	717	774	773
794	717	718	775	774
795	718	719	776	775
796	719	720	777	776
797	720	721	778	777
798	721	722	779	778
799	722	723	780	779
800	723	724	781	780
801	724	725	782	781
802	725	726	783	782
803	726	727	784	783
804	727	728	785	784
805	728	729	786	785
806	730	731	788	787
807	731	732	789	788
808	732	733	790	789
809	733	734	791	790
810	734	735	792	791
811	735	736	793	792
812	736	737	794	793
813	737	738	795	794
814	738	739	796	795
815	739	740	797	796
816	740	741	798	797
817	741	742	799	798
818	742	743	800	799
819	743	744	801	800
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821	745	746	803	802
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823	747	748	805	804
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825	749	750	807	806
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827	751	752	809	808
828	752	753	810	809
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831	755	756	813	812
832	756	757	814	813
833	757	758	815	814
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835	759	760	817	816
836	760	761	818	817
837	761	762	819	818
838	762	763	820	819
839	763	764	821	820
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842	766	767	824	823
843	767	768	825	824
844	768	769	826	825
845	769	770	827	826
846	770	771	828	827
847	771	772	829	828

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851	775	776	833	832
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863	788	789	846	845
864	789	790	847	846
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866	791	792	849	848
867	792	793	850	849
868	793	794	851	850
869	794	795	852	851
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881	806	807	864	863
882	807	808	865	864
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885	810	811	868	867
886	811	812	869	868
887	812	813	870	869
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889	814	815	872	871
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895	820	821	878	877
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897	822	823	880	879
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912	837	838	895	894
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914	839	840	897	896
915	840	841	898	897
916	841	842	899	898
917	842	843	900	899
974	844	845	902	901
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977	847	848	905	904
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992	862	863	920	919
993	863	864	921	920
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997	867	868	925	924
998	868	869	926	925
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1002	872	873	930	929
1003	873	874	931	930
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1005	875	876	933	932
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1007	877	878	935	934
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1013	883	884	941	940
1014	884	885	942	941
1015	885	886	943	942
1016	886	887	944	943
1017	887	888	945	944
1018	888	889	946	945
1019	889	890	947	946
1020	890	891	948	947
1021	891	892	949	948
1022	892	893	950	949
1023	893	894	951	950
1024	894	895	952	951
1025	895	896	953	952
1026	896	897	954	953
1027	897	898	955	954
1028	898	899	956	955
1029	899	900	957	956
1030	901	902	960	959
1031	902	903	961	960
1032	903	904	962	961
1033	904	905	963	962
1034	905	906	964	963
1035	906	907	965	964
1036	907	908	966	965
1037	908	909	967	966
1038	909	910	968	967
1039	910	911	969	968
1040	911	912	970	969
1041	912	913	971	970
1042	913	914	972	971
1043	914	915	973	972
1044	915	916	974	973

1045	916	917	975	974
1046	917	918	976	975
1047	918	919	977	976
1048	919	920	978	977
1049	920	921	979	978
1050	921	922	980	979
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1066	937	938	996	995
1067	938	939	997	996
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1069	940	941	999	998
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1073	944	945	1003	1002
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1078	949	950	1008	1007
1079	950	951	1009	1008
1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS		
PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS	END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED)	
BMI21	ELEMENTS		
3	1	7	1633
4	4	8	1637
5	7	9	1634
6	8	10	1638
7	5	18	1182
8	3	21	1643
9	9	15	1635
10	10	16	1639
12	11	17	1595
13	14	19	1591
14	15	20	1636
15	16	22	1640
16	20	21	1641
17	21	22	1642
18	17	23	1596
19	19	24	1592
20	20	25	1617
21	22	26	1625
22	12	33	1599
23	18	31	1179
24	23	27	1597
25	24	28	1593
26	25	29	1618
27	26	30	1626
28	27	32	1598
29	28	34	1594
30	29	35	1619
31	30	36	1627
32	33	32	1601
33	34	33	1600
34	32	37	1569
35	34	38	1574
36	35	39	1620
37	36	40	1628
38	21	54	1646
39	31	45	1180
40	37	41	1570
41	38	42	1575
42	39	43	1621
43	40	44	1629
44	41	46	1571
45	42	47	1576
46	43	48	1622
47	44	49	1630
48	33	74	1604
49	46	50	1572
50	47	51	1577
51	48	52	1623
52	49	53	1631
53	45	62	1181
55	50	58	1573
56	51	70	1578
57	52	66	1624
58	53	73	1632
59	55	60	1192
60	62	56	1178
61	57	64	1188
62	58	59	1649
65	66	63	1650
66	60	67	1189
67	68	62	1177
68	64	69	1185
69	70	71	1647
70	73	72	1648
71	75	55	1191
72	85	56	1184
73	95	57	1187
74	67	97	1190
75	107	68	1183
76	69	117	1186
77	58	119	1585
78	66	120	1605
79	70	121	1579
80	73	122	1611
88	96	127	1279
89	118	128	1235
90	76	133	1379

91	77	134	1243
92	78	135	1399
93	79	136	1247
94	80	137	1419
95	81	138	1251
96	82	139	1439
97	83	140	1255
98	84	141	1459
99	86	142	1479
100	87	143	1263
101	88	144	1499
102	89	145	1267
103	90	146	1519
104	91	147	1271
105	92	148	1539
106	93	149	1275
107	94	150	1559
108	98	151	1375
109	99	152	1199
110	100	153	1395
111	101	154	1203
112	102	155	1415
113	103	156	1207
114	104	157	1435
115	105	158	1211
116	106	159	1455
117	108	160	1475
118	109	161	1219
119	110	162	1495
120	111	163	1223
121	112	164	1515
122	113	165	1227
123	114	166	1535
124	115	167	1231
125	116	168	1555
126	123	129	1239
127	124	130	1259
128	125	131	1195
129	126	132	1215
130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
161	154	200	1204
162	155	201	1416
163	156	202	1208
164	157	203	1436
165	158	204	1212
166	159	205	1456
167	160	206	1476
168	161	207	1220
169	162	208	1496
170	163	209	1224
171	164	210	1516
172	165	211	1228
173	166	212	1536
174	167	213	1232
175	168	214	1556
176	169	215	1237
177	170	216	1257
178	171	217	1277
179	172	218	1193
180	173	219	1213
181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
186	179	221	1377
187	180	222	1241
188	181	223	1397
189	182	224	1245
190	183	225	1417
191	184	226	1249
192	185	227	1437
193	186	228	1253
194	187	229	1457
195	188	230	1477
196	189	231	1261
197	190	232	1497
198	191	233	1265
199	192	234	1517
200	193	235	1269
201	194	236	1537
202	195	237	1273
203	196	238	1557
204	197	239	1373
205	198	240	1197
206	199	241	1393
207	200	242	1201
208	201	243	1413
209	202	244	1205
210	203	245	1433
211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
218	211	253	1225
219	212	254	1533
220	213	255	1229
221	214	256	1553
222	215	261	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398
231	224	265	1246

232	225	266	1418
233	226	267	1250
234	227	268	1438
235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
242	235	277	1270
243	236	278	1538
244	237	279	1274
245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
249	242	349	1202
250	243	350	1414
251	244	351	1206
252	245	352	1434
253	246	353	1210
254	247	354	1454
255	248	356	1474
256	249	357	1218
257	250	358	1494
258	251	359	1222
259	252	360	1514
260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
270	267	288	1145
271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
275	272	293	1469
276	273	294	1157
277	274	295	1489
278	275	296	1161
279	276	297	1509
280	277	298	1165
281	278	299	1529
282	279	300	1169
283	280	301	1549
284	281	302	1173
285	282	303	1134
286	283	304	1370
287	284	305	1138
288	285	306	1390
289	286	307	1142
290	287	308	1410
291	288	309	1146
292	289	310	1430
293	290	311	1150
294	291	312	1450
295	292	313	1154
296	293	314	1470
297	294	315	1158
298	295	316	1490
299	296	317	1162
300	297	318	1510
301	298	319	1166
302	299	320	1530
303	300	321	1170
304	301	322	1550
305	302	323	1174
306	303	324	1135
307	304	325	1371
308	305	326	1139
309	306	327	1391
310	307	328	1143
311	308	329	1411
312	309	330	1147
313	310	331	1431
314	311	332	1151
315	312	333	1451
316	313	334	1155
317	314	335	1471
318	315	336	1159
319	316	337	1491
320	317	338	1163
321	318	339	1511
322	319	340	1167
323	320	341	1531
324	321	342	1171
325	322	343	1551
326	323	344	1175
327	324	345	1136
328	325	346	1372
329	326	347	1140
330	327	348	1392
331	328	349	1144
332	329	350	1412
333	330	351	1148
334	331	352	1432
335	332	353	1152
336	333	354	1452
337	334	355	1156
338	335	356	1472
339	336	357	1160
340	337	358	1492
341	338	359	1164
342	339	360	1512
343	340	361	1168
344	341	362	1532
345	342	363	1172
346	343	364	1552
347	344	365	1176
348	262	366	1387
349	263	367	1331
350	264	368	1407
351	265	369	1335
352	266	370	1427
353	267	371	1339
354	268	372	1447
355	269	373	1343
356	270	374	1467
357	272	375	1487
358	273	376	1351
359	274	377	1507
360	275	378	1355
361	276	379	1527
362	277	380	1359
363	278	381	1547
364	279	382	1363
365	280	383	1567
366	346	384	1383
367	347	385	1287
368	348	386	1403
369	349	387	1291
370	350	388	1423
371	351	389	1295
372	352	390	1443

373	353	391	1299
374	354	392	1463
375	356	393	1483
376	357	394	1307
377	358	395	1503
378	359	396	1311
379	360	397	1523
380	361	398	1315
381	362	399	1543
382	363	400	1319
383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
397	369	411	1336
398	370	412	1428
399	371	413	1340
400	372	414	1448
401	373	415	1344
402	374	416	1468
403	375	417	1488
404	376	418	1352
405	377	419	1508
406	378	420	1356
407	379	421	1528
408	380	422	1360
409	381	423	1548
410	382	424	1364
411	383	425	1568
412	384	426	1384
413	385	427	1288
414	386	428	1404
415	387	429	1292
416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
427	399	441	1544
428	400	442	1320
429	401	443	1564
430	402	448	1328
431	403	449	1348
432	404	450	1368
433	405	451	1284
434	406	452	1304
435	407	453	1324
436	408	454	1385
437	409	455	1329
438	410	456	1405
439	411	457	1333
440	412	458	1425
441	413	459	1337
442	414	460	1445
443	415	461	1341
444	416	462	1465
445	417	463	1485
446	418	464	1349
447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
468	440	486	1313
469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
485	457	627	1334
486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310
513	485	885	1522

514	486	888	1314
515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS = 1091
LARGEST ELEMENT NUMBER = 1091
LARGEST NODE NUMBER = 1680

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.62500	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750
137	20.0000	2.35000	-1.89750

138	24.0000	2.35000	-1.89750
139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.000000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.000000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.000000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.000000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.000000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000
278	69.0000	2.35000	-1.10000

279	73.0000	2.35000	-1.10000
280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	4.00000	2.35000	-0.775000
404	8.00000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	4.00000	8.90000	-0.775000
407	8.00000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000
419	52.2500	2.35000	-0.705000

420	56.5000	2.35000	-0.705000
421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00
560	1.33333	0.750000	0.000000E+00

561	2.66667	0.750000	0.000000E+00
562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.35000	0.000000E+00
617	1.33333	2.35000	0.000000E+00
618	2.66667	2.35000	0.000000E+00
619	4.00000	2.35000	0.000000E+00
620	5.33333	2.35000	0.000000E+00
621	6.66667	2.35000	0.000000E+00
622	8.00000	2.35000	0.000000E+00
623	10.0000	2.35000	0.000000E+00
624	12.0000	2.35000	0.000000E+00
625	13.3333	2.35000	0.000000E+00
626	14.6667	2.35000	0.000000E+00
627	16.0000	2.35000	0.000000E+00
628	17.3333	2.35000	0.000000E+00
629	18.6667	2.35000	0.000000E+00
630	20.0000	2.35000	0.000000E+00
631	22.0000	2.35000	0.000000E+00
632	24.0000	2.35000	0.000000E+00
633	25.3333	2.35000	0.000000E+00
634	26.6667	2.35000	0.000000E+00
635	28.0000	2.35000	0.000000E+00
636	29.3333	2.35000	0.000000E+00
637	30.6667	2.35000	0.000000E+00
638	32.0000	2.35000	0.000000E+00
639	34.0000	2.35000	0.000000E+00
640	36.0000	2.35000	0.000000E+00
641	37.3333	2.35000	0.000000E+00
642	38.6667	2.35000	0.000000E+00
643	40.0000	2.35000	0.000000E+00
644	41.3333	2.35000	0.000000E+00
645	42.6667	2.35000	0.000000E+00
646	44.0000	2.35000	0.000000E+00
647	46.0000	2.35000	0.000000E+00
648	48.0000	2.35000	0.000000E+00
649	49.4167	2.35000	0.000000E+00
650	50.8333	2.35000	0.000000E+00
651	52.2500	2.35000	0.000000E+00
652	53.6667	2.35000	0.000000E+00
653	55.0833	2.35000	0.000000E+00
654	56.5000	2.35000	0.000000E+00
655	58.0000	2.35000	0.000000E+00
656	59.3750	2.35000	0.000000E+00
657	60.7500	2.35000	0.000000E+00
658	62.1667	2.35000	0.000000E+00
659	63.5833	2.35000	0.000000E+00
660	65.0000	2.35000	0.000000E+00
661	66.3333	2.35000	0.000000E+00
662	67.6667	2.35000	0.000000E+00
663	69.0000	2.35000	0.000000E+00
664	70.0000	2.35000	0.000000E+00
665	71.5000	2.35000	0.000000E+00
666	73.0000	2.35000	0.000000E+00
667	74.3333	2.35000	0.000000E+00
668	75.6667	2.35000	0.000000E+00
669	77.0000	2.35000	0.000000E+00
670	78.3333	2.35000	0.000000E+00
671	79.6667	2.35000	0.000000E+00
672	81.0000	2.35000	0.000000E+00
673	0.000000E+00	3.98750	0.000000E+00
674	1.33333	3.98750	0.000000E+00
675	2.66667	3.98750	0.000000E+00
676	4.00000	3.98750	-0.111022E-15
677	5.33333	3.98750	0.000000E+00
678	6.66667	3.98750	0.000000E+00
679	8.00000	3.98750	0.000000E+00
680	10.0000	3.98750	0.000000E+00
681	12.0000	3.98750	0.000000E+00
682	13.3333	3.98750	0.000000E+00
683	14.6667	3.98750	0.000000E+00
684	16.0000	3.98750	0.000000E+00
685	17.3333	3.98750	-0.357931E-15
686	18.6667	3.98750	-0.930621E-15
687	20.0000	3.98750	-0.644276E-14
688	22.0000	3.98750	0.000000E+00
689	24.0000	3.98750	0.000000E+00
690	25.3333	3.98750	0.000000E+00
691	26.6667	3.98750	0.000000E+00
692	28.0000	3.98750	0.277556E-16
693	29.3333	3.98750	0.000000E+00
694	30.6667	3.98750	0.000000E+00
695	32.0000	3.98750	0.000000E+00
696	34.0000	3.98750	0.000000E+00
697	36.0000	3.98750	0.000000E+00
698	37.3333	3.98750	0.000000E+00
699	38.6667	3.98750	0.000000E+00
700	40.0000	3.98750	0.000000E+00
701	41.3333	3.98750	0.000000E+00

702	42.6667	3.98750	0.000000E+00
703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154043E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00
842	79.6667	7.26250	0.000000E+00

843	81.0000	7.26250	0.000000E+00
844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00
983	36.0000	11.2500	0.000000E+00

984	37.3333	11.2500	0.000000E+00
985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.62500	0.400000
1018	81.6750	5.62500	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00
1124	77.0000	3.35000	0.000000E+00

1125	78.3333	3.35000	0.000000E+00
1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750
1265	55.5000	2.35000	-1.49500

1266	55.5000	2.35000	-1.29750
1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000
1406	11.0000	2.35000	-0.352500

1407	11.0000	2.35000	-1.10000
1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500
1547	68.0000	2.35000	-1.10000

1548	68.0000	2.35000	-0.902500
1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7454	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	11.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES	=	1680
LARGEST NODE NUMBER	=	1680
DATA STORAGE LOCATIONS USED	=	11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
1	1ST NODE	=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
	2ND NODE	=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	=0.4460E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
		ASY	EZ	EY	IYZ	
		=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
	2ND NODE	=0.9000E-01	=1.325	=0.0000E+00	=0.0000E+00	=0.3996E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
		ASY	EZ	EY	IYZ	
		=0.7200E-01	=1.325	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
3	1ST NODE	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
	2ND NODE	=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	=0.3960E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
		ASY	EZ	EY	IYZ	
		=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
	2ND NODE	=0.1260	=1.150	=0.0000E+00	=0.0000E+00	=0.4320E-01
		AREA <td>IYY <td>IZZ <td>KT <td>ASZ</td> </td></td></td>	IYY <td>IZZ <td>KT <td>ASZ</td> </td></td>	IZZ <td>KT <td>ASZ</td> </td>	KT <td>ASZ</td>	ASZ
		=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
		ASY	EZ	EY	IYZ	
		=0.1260	=1.150	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
5	1ST NODE	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
	2ND NODE	=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.1160E-01
		AREA <td>IYY <td>IZZ <td>KT <td>ASZ</td> </td></td></td>	IYY <td>IZZ <td>KT <td>ASZ</td> </td></td>	IZZ <td>KT <td>ASZ</td> </td>	KT <td>ASZ</td>	ASZ
		=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
		ASY	EZ	EY	IYZ	
		=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
6	1ST NODE	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
	2ND NODE	=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	=0.2812E-01
		AREA <td>IYY <td>IZZ <td>KT</td> <td>ASZ</td> </td></td>	IYY <td>IZZ <td>KT</td> <td>ASZ</td> </td>	IZZ <td>KT</td> <td>ASZ</td>	KT	ASZ
		=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
		ASY	EZ	EY	IYZ	
		=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
7	1ST NODE	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
	2ND NODE	=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.3686E-01
		AREA <td>IYY <td>IZZ <td>KT <td>ASZ</td> </td></td></td>	IYY <td>IZZ <td>KT <td>ASZ</td> </td></td>	IZZ <td>KT <td>ASZ</td> </td>	KT <td>ASZ</td>	ASZ
		=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
		ASY	EZ	EY	IYZ	
		=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
8	1ST NODE	=10.75	=1.579	=67.26	=5.419	=8.604
	2ND NODE	=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	=8.604
		AREA <td>IYY <td>IZZ <td>KT <td>ASZ</td> </td></td></td>	IYY <td>IZZ <td>KT <td>ASZ</td> </td></td>	IZZ <td>KT <td>ASZ</td> </td>	KT <td>ASZ</td>	ASZ
		=10.75	=1.579	=67.26	=5.419	=8.604
		ASY	EZ	EY	IYZ	
		=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
9	1ST NODE	=78.66	=312.1	=851.9	=777.5	=65.56
	2ND NODE	=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	=65.56
		AREA <td>IYY <td>IZZ <td>KT <td>ASZ</td> </td></td></td>	IYY <td>IZZ <td>KT <td>ASZ</td> </td></td>	IZZ <td>KT <td>ASZ</td> </td>	KT <td>ASZ</td>	ASZ
		=78.66	=312.1	=851.9	=777.5	=65.56
		ASY	EZ	EY	IYZ	
		=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
10	1ST NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329
	2ND NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329

G E O M E T R I C P R O P E R T I E S

Offset

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000
	2ND NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
12	1ST NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02
	2ND NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02

G E O M E T R I C P R O P E R T I E S

rigida_spalla

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
13	1ST NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05
	2ND NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
14	1ST NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3
	2ND NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
15	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
16	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
17	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10
	2ND NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)

PROPERTY

BMI21 ELEMENTS		AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
18	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=0.5375	=66.91	=0.0000E+00	=26.10

2ND NODE ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00
 AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

S=0.3m
 PROPERTY

20 QTS4 = ELEMENTS T1 = 0.3000 T2 = 0.3000 T3 = 0.3000 T4 = 0.3000
 EZ = -0.1500

GEOMETRIC PROPERTIES

Ecc0
 PROPERTY

19 JSH4 = ELEMENTS
 ECCENTRICITY = 0.0000E+00
 DATA STORAGE LOCATIONS USED = 1002

GEOMETRIC ASSIGNMENTS

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	GEOMETRIC SET	LUSASM ID NO.
2	0	0	19	21
3	6	1	13	23
7	0	0	9	18
8	0	0	14	24
9	10	1	13	23
12	19	1	13	23
20	0	0	17	27
21	0	0	18	28
22	0	0	14	24
23	0	0	8	17
24	25	1	13	23
26	0	0	17	27
27	0	0	18	28
28	29	1	13	23
30	0	0	17	27
31	0	0	18	28
32	33	1	13	23
34	0	0	18	28
35	36	1	17	27
37	0	0	18	28
38	0	0	13	23
39	0	0	8	17
40	0	0	18	28
41	42	1	17	27
43	44	1	18	28
45	46	1	17	27
47	0	0	18	28
48	0	0	13	23
49	0	0	18	28
50	51	1	17	27
52	0	0	18	28
53	0	0	8	17
55	0	0	18	28
56	57	1	17	27
58	0	0	18	28
59	61	1	11	20
62	0	0	13	23
63	64	1	19	21
65	0	0	13	23
66	68	1	11	20
69	70	1	13	23
71	76	1	10	19
77	0	0	16	26
78	79	1	15	25
80	0	0	16	26
82	87	1	19	21
88	89	1	6	15
90	125	1	12	22
126	129	1	6	15
130	0	0	16	26
131	132	1	15	25
133	0	0	16	26
134	139	1	6	15
140	175	1	12	22
176	181	1	6	15
182	0	0	16	26
183	184	1	15	25
185	0	0	16	26
186	221	1	12	22
222	227	1	6	15
228	263	1	12	22
264	0	0	7	16
265	273	1	5	14
274	0	0	7	16
275	283	1	5	14
284	285	1	7	16
286	294	1	5	14
295	0	0	7	16
296	304	1	5	14
305	306	1	7	16
307	315	1	5	14
316	0	0	7	16
317	325	1	5	14
326	327	1	7	16
328	336	1	5	14
337	0	0	7	16
338	346	1	5	14
347	0	0	7	16
348	383	1	12	22
384	389	1	6	15
390	0	0	16	26
391	392	1	15	25
393	0	0	16	26
394	429	1	12	22
430	435	1	6	15
436	471	1	12	22
472	0	0	16	26
473	474	1	15	25
475	0	0	16	26
476	481	1	6	15
482	517	1	12	22
518	523	1	6	15
524	525	1	19	21
526	637	1	20	13
638	644	1	1	9
645	652	1	2	10
653	660	1	3	11
661	668	1	4	12

669	676	1	3	11
677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 114
 TOTAL NUMBER OF ELEMENTS = 1087
 LARGEST ELEMENT NUMBER = 1091
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 20
 DATA STORAGE LOCATIONS USED = 3261

J O I N T P R O P E R T I E S

MATERIAL

Incastro
 11 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.1000E+16 KTY = 0.1000E+16 KTZ = 0.1000E+16

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla
 12 KX = 0.1710E+07 KY = 0.1710E+07 KZ = 0.1454E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla fase1-2
 17 KX = 1.000 KY = 1.000 KZ = 0.1454E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile
 13 KX = 0.2230E+07 KY = 0.2230E+07 KZ = 0.2186E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile fase1-2
 18 KX = 1.000 KY = 1.000 KZ = 0.2186E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

giunti
 14 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla1
 15 MX = 0.1241E+07 MY = 0.1241E+07 MZ = 0.1241E+07

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla2
 16 MX = 0.1546E+07 MY = 0.1546E+07 MZ = 0.1546E+07

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
 2 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
 3 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
 1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 654

M A T E R I A L A S S I G N M E N T S

FIRST SMEARED ELEMENT	LAST REINFORCEMENT ELEMENT	DIFF- ERENCE	MATERIAL SET	NSET	STRESS POTENTIAL/ PLASTIC DATA SET	CREEP SET	DAMAGE SET	LusasM ID NO.	VISCOELASTIC SET	TWO PHASE MATERIAL SET	SHRINKAGE SET	KO SET	SET
1	2	1	11	0	0	0	0	17	0	0	0	0	0
3	6	1	10	0	0	0	0	25	0	0	0	0	0
7	0	0	3	0	0	0	0	5	0	0	0	0	0
8	0	0	9	0	0	0	0	24	0	0	0	0	0
9	10	1	10	0	0	0	0	25	0	0	0	0	0
11	0	0	11	0	0	0	0	17	0	0	0	0	0
12	19	1	10	0	0	0	0	25	0	0	0	0	0
20	21	1	1	0	0	0	0	6	0	0	0	0	0
22	0	0	9	0	0	0	0	24	0	0	0	0	0
23	0	0	3	0	0	0	0	5	0	0	0	0	0
24	25	1	10	0	0	0	0	25	0	0	0	0	0
26	27	1	1	0	0	0	0	6	0	0	0	0	0
28	29	1	10	0	0	0	0	25	0	0	0	0	0
30	31	1	1	0	0	0	0	6	0	0	0	0	0
32	33	1	10	0	0	0	0	25	0	0	0	0	0
34	37	1	1	0	0	0	0	6	0	0	0	0	0
38	0	0	10	0	0	0	0	25	0	0	0	0	0
39	0	0	3	0	0	0	0	5	0	0	0	0	0
40	47	1	1	0	0	0	0	6	0	0	0	0	0

20	22	2	1
25	26	1	1
29	30	1	1
35	36	1	1
39	40	1	1
43	44	1	1
48	49	1	1
52	54	1	1
66	73	1	1
120	122	2	1
176	178	2	1
258	260	2	1
445	447	2	1
497	499	2	1
1018	1020	2	1

TOTAL NUMBER OF TRANSFORMED FREEDOM SETS = 18
TOTAL NUMBER OF NODES = 39
LARGEST NODE NUMBER = 1020
LARGEST CARTESIAN SET NUMBER = 1
DATA STORAGE LOCATIONS USED = 819

S U P P O R T N O D E S

F = FREE
R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
S = SPRING

FIRST NODE	LAST NODE	DIFF RNCE	SUPPORT CONDITION	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE
2	6	4	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0	0	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
60	0	0	F F F F F F	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
61	0	0	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
64	0	0	F F F F F F	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
65	500	435	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
558	958	400	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
1015	0	0	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

TOTAL NUMBER OF SUPPORT NODES = 9
LARGEST NODE NUMBER = 1015
DATA STORAGE LOCATIONS USED = 184

L O A D C A S E 1

PPacc

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
616	0	0	0.000000E+00	0.000000E+00	-732.00	0.000000E+00	0.000000E+00	0.000000E+00
617	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
618	619	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
620	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
621	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
622	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
623	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
624	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
625	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
626	627	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
628	629	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
630	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
631	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
632	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
633	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
634	636	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
637	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
638	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
639	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
640	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
641	642	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
643	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
644	645	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
646	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
647	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
648	0	0	0.000000E+00	0.000000E+00	-1875.8	0.000000E+00	0.000000E+00	0.000000E+00
649	650	1	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
651	0	0	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
652	653	1	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
654	0	0	0.000000E+00	0.000000E+00	-1601.2	0.000000E+00	0.000000E+00	0.000000E+00
655	0	0	0.000000E+00	0.000000E+00	-1578.4	0.000000E+00	0.000000E+00	0.000000E+00
656	0	0	0.000000E+00	0.000000E+00	-1509.8	0.000000E+00	0.000000E+00	0.000000E+00
657	0	0	0.000000E+00	0.000000E+00	-1532.6	0.000000E+00	0.000000E+00	0.000000E+00
658	0	0	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
659	0	0	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
660	0	0	0.000000E+00	0.000000E+00	-1509.8	0.000000E+00	0.000000E+00	0.000000E+00
661	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
662	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
663	0	0	0.000000E+00	0.000000E+00	-1281.0	0.000000E+00	0.000000E+00	0.000000E+00
664	0	0	0.000000E+00	0.000000E+00	-1372.5	0.000000E+00	0.000000E+00	0.000000E+00
665	0	0	0.000000E+00	0.000000E+00	-1647.0	0.000000E+00	0.000000E+00	0.000000E+00
666	0	0	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
667	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
668	671	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
672	0	0	0.000000E+00	0.000000E+00	-732.00	0.000000E+00	0.000000E+00	0.000000E+00
844	0	0	0.000000E+00	0.000000E+00	-732.00	0.000000E+00	0.000000E+00	0.000000E+00
845	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
846	847	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
848	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
849	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
850	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
851	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
852	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
853	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
854	855	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
856	857	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
858	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
859	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
860	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
861	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
862	864	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
865	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
866	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
867	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
868	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
869	870	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
871	0	0	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
872	873	1	0.000000E+00	0.000000E+00	-1464.0	0.000000E+00	0.000000E+00	0.000000E+00
874	0	0	0.000000E+00	0.000000E+00	-1830.0	0.000000E+00	0.000000E+00	0.000000E+00
875	0	0	0.000000E+00	0.000000E+00	-2196.0	0.000000E+00	0.000000E+00	0.000000E+00
876	0	0	0.000000E+00	0.000000E+00	-1875.8	0.000000E+00	0.000000E+00	0.000000E+00
877	878	1	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
879	0	0	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
880	881	1	0.000000E+00	0.000000E+00	-1555.5	0.000000E+00	0.000000E+00	0.000000E+00
882	0	0	0.000000E+00	0.000000E+00	-1601.2	0.000000E+00	0.000000E+00	0.000000E+00
883	0	0	0.000000E+00	0.000000E+00	-1578.4	0.000000E+00	0.000000E+00	0.000000E+00
884	0	0	0.000000E+00	0.000000E+00	-1509.8	0.000000E+00	0.000000E+00	0.000000E+00

890	0	0	0.00000E+00	0.00000E+00	-56250.	0.00000E+00	0.00000E+00	0.00000E+00
891	0	0	0.00000E+00	0.00000E+00	-49219.	0.00000E+00	0.00000E+00	0.00000E+00
892	0	0	0.00000E+00	0.00000E+00	-52734.	0.00000E+00	0.00000E+00	0.00000E+00
893	0	0	0.00000E+00	0.00000E+00	-63281.	0.00000E+00	0.00000E+00	0.00000E+00
894	0	0	0.00000E+00	0.00000E+00	-59766.	0.00000E+00	0.00000E+00	0.00000E+00
895	0	0	0.00000E+00	0.00000E+00	-56250.	0.00000E+00	0.00000E+00	0.00000E+00
896	898	1	0.00000E+00	0.00000E+00	-56250.	0.00000E+00	0.00000E+00	0.00000E+00
899	0	0	0.00000E+00	0.00000E+00	-56250.	0.00000E+00	0.00000E+00	0.00000E+00
900	0	0	0.00000E+00	0.00000E+00	-28125.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 114
 LARGEST NODE OR ELEMENT NUMBER = 900

L O A D C A S E 3

PPsottostrutture-pila

CBF LOAD INPUT

NUMBER OF VALUES = 9 START LOCATION = 1

FIRST ELEMENT	LAST ELEMENT	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
7	39	16	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
53	0	0	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 4
 LARGEST NODE OR ELEMENT NUMBER = 53

L O A D C A S E 501

reg quota app

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

FIRST NODE	LAST NODE	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
61	65	4	0.000000E+00	0.000000E+00	0.100000	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 65

DATA STORAGE LOCATIONS USED = 1740

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST ELT	LAST ELT	DIFF RNCE	OUTPUT CONTROL	AVERAGED NODAL VALUES GROUP	NODAL FORCE OUTPUT GROUP	HISTORY CONTROL	PLOT FILE CONTROL
1	1091	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
 TOTAL NUMBER OF ELEMENTS OUTPUT = 1091
 LARGEST ELEMENT NUMBER INPUT = 1091
 LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL
1	1680	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 1
 TOTAL NUMBER OF NODES OUTPUT = 0
 LARGEST NODE NUMBER INPUT = 1680
 LARGEST NODE OUTPUT CONTROL NUMBER = 0
 LARGEST NODE HISTORY CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1091
 TOTAL NUMBER OF CONSTRAINTS = 0
 TOTAL NUMBER OF NODES = 1680
 TOTAL NUMBER OF SUPPORT NODES = 9
 TOTAL NUMBER OF LOADING CASES = 4
 LOCATIONS USED DURING DATA PROCESSING = 78680450
 LOCATIONS AVAILABLE = 98304000
 TIME USED TO PROCESS INPUT DATA = 0.32800 SEC.
 TIME AT CENTRAL PROCESSOR = 10:11:56 ON 28/05/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1987
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)

ESTIMATE OF MODEL GEOMETRIC PROPERTIES AND LOADING

Table with 8 columns: MATERIAL SET, LENGTH M, GEOMETRIC AREA sq M, VOLUME cu M, ELEMENT MASS KG, X-COORD M, CENTRE OF GRAVITY Y-COORD M, Z-COORD M. Includes data for 18 materials and totals for structure.

Table with 8 columns: MATERIAL SET, Ixx, Iyy, Izz, Ixy, Iyz, Izx. MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0). Includes data for 18 materials and totals for structure.

Table with 8 columns: MATERIAL SET, Ixx, Iyy, Izz, Ixy, Iyz, Izx. MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS. Includes data for 18 materials and totals for structure.

Table with 8 columns: MATERIAL SET, I11, I22, I33, PRINCIPAL DIRECTIONS. PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES. Includes data for 18 materials and totals for structure.

Table with 7 columns: FORCE OUTPUT GROUP, Fx, Fy, Fz, Mx, My, Mz. RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS. Includes data for 3 load cases and 501 materials.

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.16000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 481883
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
TOTAL NO. OF EQUATIONS = 6120
TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 48681
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 61219
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 14318
TOTAL SIZE OF ELEMENT DATA RECORDS = 957390
TOTAL SIZE OF ELEMENT RESULT RECORDS = 1550004
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 190755

TIME FOR PRE-SOLUTION PROCESS = 0.63000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:11:56 ON 28/05/21 (DAY/MTH/YR)

S O L U T I O N B Y F R O N T A L S P A R S E M A T R I X T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.00 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 536109 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

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= Multifrontal statistics =

=====

number of equations	=	6066
no. of nonzeros in lower triangle of a	=	100701
number of compressed nodes	=	1011
no. of compressed nonzeros in l. tri.	=	2376
amount of workspace currently in use	=	472706
max. amt. of workspace used	=	98110724
no. of nonzeros in the factor l	=	286893.
number of super nodes	=	534
number of compressed subscripts	=	17178
size of stack storage	=	29322
maximum order of a front matrix	=	174
maximum size of a front matrix	=	15225
maximum size of a front trapezoid	=	13620
no. of floating point ops for factor	=	2.5393D+07
no. of floating point ops for solve	=	1.1779D+06
actual no. of nonzeros in the factor l	=	286893.
actual number of compressed subscripts	=	17178
actual size of stack storage used	=	50034
near zero pivot monitoring activated	=	0.
number of pivots adjusted	=	0.
negative pivot monitoring activated	=	0.
number of negative pivots encountered	=	0.
factorization panel size	=	128
factorization update panel size	=	32
solution block size	=	8
time (in seconds) for structure input	=	0.015000
time (in seconds) for ordering	=	0.000000
time (in seconds) for symbolic factor	=	0.016000
time (in seconds) for value input	=	0.000000
number of cpus used for factor & solve	=	2
time (in seconds) for numeric factor	=	0.015000
computational rate (mflops) for factor	=	1692.875694
condition number estimate	=	1.0911D+22

i/o statistics:	unit number	length	amount
	-----	(Mbytes)	(Mbytes)

	31.	0.14	0.34
NUMBER OF POSITIVE EIGENVALUES			6066
NUMBER OF NEGATIVE EIGENVALUES			0
AMOUNT OF DISK SPACE USED			0.14 MB
DETERMINANT OF STIFFNESS MATRIX			3.747E+44306

SMALLEST PIVOT ENCOUNTERED WAS	0.645966E-03	AT NODE	528,	FREEDOM	6
LARGEST PIVOT ENCOUNTERED WAS	0.573152E+19	AT NODE	3,	FREEDOM	4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	1	=	0.55820E-21		
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	2	=	0.48135E-21		
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	3	=	0.16403E-19		
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	4	=	0.26982E-19		

TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION = 0.62000E-01 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 559173
LOCATIONS AVAILABLE = 98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
ACTUAL TOTAL NO. FACES IN STRUCTURE = 448

TIME FOR POST-SOLUTION PROCESS = 0.18700 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.64000 SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 1 SECS

TIME AT CENTRAL PROCESSOR = 10:11:56 ON 28/05/21 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	649	1777	443	0	5.593750
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	64	273	97	0	1.140625
PLOT	16384	4394	4905	105	0	8.109375
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 10:11:57 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 NLPZ 98304000
 NPGS 960
 MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 IDTIME 1

LL UU UU SSSSSS AAAA SSSSSS
 LL UU UU SS SS AA AA SS SS
 LL UU UU SS AA AA SS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SS AA AA SS
 LLLLLLLL UU UU SS SS AA AA SS SS
 LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
 Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
 Forge House,
 66 High Street,
 Kingston upon Thames,
 Surrey, KT1 1HN, UK
 www.lusas.com
 Sales Enquiries: Tel +44 (0)20 8541 1999
 Fax +44 (0)20 8549 9399
 Email: info@lusas.com
 Customer Support: Tel +44 (0)20 3325 0440
 Fax +44 (0)20 8549 9399
 Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021
 Using Sentinel license server.
 Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
 Element Library : Plus
 Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
 Input file :
 D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale~02 - Fase2a.dat
 Number of processors available : 8
 Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:11:58 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C
 GRAVITY DIRECTION = Z ACCELERATION = -9.810
 O P T I O N (S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
 O P T I O N (S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
 O P T I O N (S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
 O P T I O N (S) 123 CLOCKWISE NODE NUMBERING
 O P T I O N (S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
 O P T I O N (S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
 O P T I O N (S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
 O P T I O N (S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
 O P T I O N (S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
 O P T I O N (S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
 O P T I O N (S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
 O P T I O N (S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
 O P T I O N (S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N (S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N (S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N (S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N (S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N (S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N (S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	2	3	1671	1672
2	6	5	1663	1664
11	13	12	1669	1670
63	61	60	1665	1666
64	65	64	1667	1668
82	95	96	1659	1660
83	117	118	1661	1662
84	75	123	1655	1656
85	85	124	1653	1654
86	97	125	1657	1658

87	107	126	1651	1652
524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
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QTS4				
ELEMENTS				
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
531	506	507	565	564
532	507	508	566	565
533	508	509	567	566
534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
547	522	523	581	580
548	523	524	582	581
549	524	525	583	582
550	525	526	584	583
551	526	527	585	584
552	527	528	586	585
553	528	529	587	586
554	529	530	588	587
555	530	531	589	588
556	531	532	590	589
557	532	533	591	590
558	533	534	592	591
559	534	535	593	592
560	535	536	594	593
561	536	537	595	594
562	537	538	596	595
563	538	539	597	596
564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
575	550	551	609	608
576	551	552	610	609
577	552	553	611	610
578	553	554	612	611
579	554	555	613	612
580	555	556	614	613
581	556	557	615	614
582	559	560	617	616
583	560	561	618	617
584	561	562	619	618
585	562	563	620	619
586	563	564	621	620
587	564	565	622	621
588	565	566	623	622
589	566	567	624	623
590	567	568	625	624
591	568	569	626	625
592	569	570	627	626
593	570	571	628	627
594	571	572	629	628
595	572	573	630	629
596	573	574	631	630
597	574	575	632	631
598	575	576	633	632
599	576	577	634	633
600	577	578	635	634
601	578	579	636	635
602	579	580	637	636
603	580	581	638	637
604	581	582	639	638
605	582	583	640	639
606	583	584	641	640
607	584	585	642	641
608	585	586	643	642
609	586	587	644	643
610	587	588	645	644
611	588	589	646	645
612	589	590	647	646
613	590	591	648	647
614	591	592	649	648
615	592	593	650	649
616	593	594	651	650
617	594	595	652	651
618	595	596	653	652
619	596	597	654	653
620	597	598	655	654
621	598	599	656	655
622	599	600	657	656
623	600	601	658	657
624	601	602	659	658
625	602	603	660	659
626	603	604	661	660
627	604	605	662	661
628	605	606	663	662
629	606	607	664	663
630	607	608	665	664
631	608	609	666	665
632	609	610	667	666
633	610	611	668	667
634	611	612	669	668
635	612	613	670	669
636	613	614	671	670
637	614	615	672	671
638	615	616	673	672
639	616	617	674	673
640	617	618	675	674
641	618	619	676	675
642	619	620	677	676
643	620	621	678	677
644	621	622	679	678
645	622	623	680	679
646	623	624	681	680
647	624	625	682	681
648	625	626	683	682
649	626	627	684	683
650	627	628	685	684
651	628	629	686	685

707	629	630	687	686
708	630	631	688	687
709	631	632	689	688
710	632	633	690	689
711	633	634	691	690
712	634	635	692	691
713	635	636	693	692
714	636	637	694	693
715	637	638	695	694
716	638	639	696	695
717	639	640	697	696
718	640	641	698	697
719	641	642	699	698
720	642	643	700	699
721	643	644	701	700
722	644	645	702	701
723	645	646	703	702
724	646	647	704	703
725	647	648	705	704
726	648	649	706	705
727	649	650	707	706
728	650	651	708	707
729	651	652	709	708
730	652	653	710	709
731	653	654	711	710
732	654	655	712	711
733	655	656	713	712
734	656	657	714	713
735	657	658	715	714
736	658	659	716	715
737	659	660	717	716
738	660	661	718	717
739	661	662	719	718
740	662	663	720	719
741	663	664	721	720
742	664	665	722	721
743	665	666	723	722
744	666	667	724	723
745	667	668	725	724
746	668	669	726	725
747	669	670	727	726
748	670	671	728	727
749	671	672	729	728
750	673	674	731	730
751	674	675	732	731
752	675	676	733	732
753	676	677	734	733
754	677	678	735	734
755	678	679	736	735
756	679	680	737	736
757	680	681	738	737
758	681	682	739	738
759	682	683	740	739
760	683	684	741	740
761	684	685	742	741
762	685	686	743	742
763	686	687	744	743
764	687	688	745	744
765	688	689	746	745
766	689	690	747	746
767	690	691	748	747
768	691	692	749	748
769	692	693	750	749
770	693	694	751	750
771	694	695	752	751
772	695	696	753	752
773	696	697	754	753
774	697	698	755	754
775	698	699	756	755
776	699	700	757	756
777	700	701	758	757
778	701	702	759	758
779	702	703	760	759
780	703	704	761	760
781	704	705	762	761
782	705	706	763	762
783	706	707	764	763
784	707	708	765	764
785	708	709	766	765
786	709	710	767	766
787	710	711	768	767
788	711	712	769	768
789	712	713	770	769
790	713	714	771	770
791	714	715	772	771
792	715	716	773	772
793	716	717	774	773
794	717	718	775	774
795	718	719	776	775
796	719	720	777	776
797	720	721	778	777
798	721	722	779	778
799	722	723	780	779
800	723	724	781	780
801	724	725	782	781
802	725	726	783	782
803	726	727	784	783
804	727	728	785	784
805	728	729	786	785
806	730	731	788	787
807	731	732	789	788
808	732	733	790	789
809	733	734	791	790
810	734	735	792	791
811	735	736	793	792
812	736	737	794	793
813	737	738	795	794
814	738	739	796	795
815	739	740	797	796
816	740	741	798	797
817	741	742	799	798
818	742	743	800	799
819	743	744	801	800
820	744	745	802	801
821	745	746	803	802
822	746	747	804	803
823	747	748	805	804
824	748	749	806	805
825	749	750	807	806
826	750	751	808	807
827	751	752	809	808
828	752	753	810	809
829	753	754	811	810
830	754	755	812	811
831	755	756	813	812
832	756	757	814	813
833	757	758	815	814
834	758	759	816	815
835	759	760	817	816
836	760	761	818	817
837	761	762	819	818
838	762	763	820	819
839	763	764	821	820
840	764	765	822	821
841	765	766	823	822
842	766	767	824	823
843	767	768	825	824
844	768	769	826	825
845	769	770	827	826
846	770	771	828	827
847	771	772	829	828

848	772	773	830	829
849	773	774	831	830
850	774	775	832	831
851	775	776	833	832
852	776	777	834	833
853	777	778	835	834
854	778	779	836	835
855	779	780	837	836
856	780	781	838	837
857	781	782	839	838
858	782	783	840	839
859	783	784	841	840
860	784	785	842	841
861	785	786	843	842
862	787	788	845	844
863	788	789	846	845
864	789	790	847	846
865	790	791	848	847
866	791	792	849	848
867	792	793	850	849
868	793	794	851	850
869	794	795	852	851
870	795	796	853	852
871	796	797	854	853
872	797	798	855	854
873	798	799	856	855
874	799	800	857	856
875	800	801	858	857
876	801	802	859	858
877	802	803	860	859
878	803	804	861	860
879	804	805	862	861
880	805	806	863	862
881	806	807	864	863
882	807	808	865	864
883	808	809	866	865
884	809	810	867	866
885	810	811	868	867
886	811	812	869	868
887	812	813	870	869
888	813	814	871	870
889	814	815	872	871
890	815	816	873	872
891	816	817	874	873
892	817	818	875	874
893	818	819	876	875
894	819	820	877	876
895	820	821	878	877
896	821	822	879	878
897	822	823	880	879
898	823	824	881	880
899	824	825	882	881
900	825	826	883	882
901	826	827	884	883
902	827	828	885	884
903	828	829	886	885
904	829	830	887	886
905	830	831	888	887
906	831	832	889	888
907	832	833	890	889
908	833	834	891	890
909	834	835	892	891
910	835	836	893	892
911	836	837	894	893
912	837	838	895	894
913	838	839	896	895
914	839	840	897	896
915	840	841	898	897
916	841	842	899	898
917	842	843	900	899
974	844	845	902	901
975	845	846	903	902
976	846	847	904	903
977	847	848	905	904
978	848	849	906	905
979	849	850	907	906
980	850	851	908	907
981	851	852	909	908
982	852	853	910	909
983	853	854	911	910
984	854	855	912	911
985	855	856	913	912
986	856	857	914	913
987	857	858	915	914
988	858	859	916	915
989	859	860	917	916
990	860	861	918	917
991	861	862	919	918
992	862	863	920	919
993	863	864	921	920
994	864	865	922	921
995	865	866	923	922
996	866	867	924	923
997	867	868	925	924
998	868	869	926	925
999	869	870	927	926
1000	870	871	928	927
1001	871	872	929	928
1002	872	873	930	929
1003	873	874	931	930
1004	874	875	932	931
1005	875	876	933	932
1006	876	877	934	933
1007	877	878	935	934
1008	878	879	936	935
1009	879	880	937	936
1010	880	881	938	937
1011	881	882	939	938
1012	882	883	940	939
1013	883	884	941	940
1014	884	885	942	941
1015	885	886	943	942
1016	886	887	944	943
1017	887	888	945	944
1018	888	889	946	945
1019	889	890	947	946
1020	890	891	948	947
1021	891	892	949	948
1022	892	893	950	949
1023	893	894	951	950
1024	894	895	952	951
1025	895	896	953	952
1026	896	897	954	953
1027	897	898	955	954
1028	898	899	956	955
1029	899	900	957	956
1030	901	902	960	959
1031	902	903	961	960
1032	903	904	962	961
1033	904	905	963	962
1034	905	906	964	963
1035	906	907	965	964
1036	907	908	966	965
1037	908	909	967	966
1038	909	910	968	967
1039	910	911	969	968
1040	911	912	970	969
1041	912	913	971	970
1042	913	914	972	971
1043	914	915	973	972
1044	915	916	974	973

1045	916	917	975	974
1046	917	918	976	975
1047	918	919	977	976
1048	919	920	978	977
1049	920	921	979	978
1050	921	922	980	979
1051	922	923	981	980
1052	923	924	982	981
1053	924	925	983	982
1054	925	926	984	983
1055	926	927	985	984
1056	927	928	986	985
1057	928	929	987	986
1058	929	930	988	987
1059	930	931	989	988
1060	931	932	990	989
1061	932	933	991	990
1062	933	934	992	991
1063	934	935	993	992
1064	935	936	994	993
1065	936	937	995	994
1066	937	938	996	995
1067	938	939	997	996
1068	939	940	998	997
1069	940	941	999	998
1070	941	942	1000	999
1071	942	943	1001	1000
1072	943	944	1002	1001
1073	944	945	1003	1002
1074	945	946	1004	1003
1075	946	947	1005	1004
1076	947	948	1006	1005
1077	948	949	1007	1006
1078	949	950	1008	1007
1079	950	951	1009	1008
1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS		
PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS	END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED)	
BMI21	ELEMENTS		
3	1	7	1633
4	4	8	1637
5	7	9	1634
6	8	10	1638
7	5	18	1182
8	3	21	1643
9	9	15	1635
10	10	16	1639
12	11	17	1595
13	14	19	1591
14	15	20	1636
15	16	22	1640
16	20	21	1641
17	21	22	1642
18	17	23	1596
19	19	24	1592
20	20	25	1617
21	22	26	1625
22	12	33	1599
23	18	31	1179
24	23	27	1597
25	24	28	1593
26	25	29	1618
27	26	30	1626
28	27	32	1598
29	28	34	1594
30	29	35	1619
31	30	36	1627
32	33	32	1601
33	34	33	1600
34	32	37	1569
35	34	38	1574
36	35	39	1620
37	36	40	1628
38	21	54	1646
39	31	45	1180
40	37	41	1570
41	38	42	1575
42	39	43	1621
43	40	44	1629
44	41	46	1571
45	42	47	1576
46	43	48	1622
47	44	49	1630
48	33	74	1604
49	46	50	1572
50	47	51	1577
51	48	52	1623
52	49	53	1631
53	45	62	1181
55	50	58	1573
56	51	70	1578
57	52	66	1624
58	53	73	1632
59	55	60	1192
60	62	56	1178
61	57	64	1188
62	58	59	1649
65	66	63	1650
66	60	67	1189
67	68	62	1177
68	64	69	1185
69	70	71	1647
70	73	72	1648
71	75	55	1191
72	85	56	1184
73	95	57	1187
74	67	97	1190
75	107	68	1183
76	69	117	1186
77	58	119	1585
78	66	120	1605
79	70	121	1579
80	73	122	1611
88	96	127	1279
89	118	128	1235
90	76	133	1379

91	77	134	1243
92	78	135	1399
93	79	136	1247
94	80	137	1419
95	81	138	1251
96	82	139	1439
97	83	140	1255
98	84	141	1459
99	86	142	1479
100	87	143	1263
101	88	144	1499
102	89	145	1267
103	90	146	1519
104	91	147	1271
105	92	148	1539
106	93	149	1275
107	94	150	1559
108	98	151	1375
109	99	152	1199
110	100	153	1395
111	101	154	1203
112	102	155	1415
113	103	156	1207
114	104	157	1435
115	105	158	1211
116	106	159	1455
117	108	160	1475
118	109	161	1219
119	110	162	1495
120	111	163	1223
121	112	164	1515
122	113	165	1227
123	114	166	1535
124	115	167	1231
125	116	168	1555
126	123	129	1239
127	124	130	1259
128	125	131	1195
129	126	132	1215
130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
161	154	200	1204
162	155	201	1416
163	156	202	1208
164	157	203	1436
165	158	204	1212
166	159	205	1456
167	160	206	1476
168	161	207	1220
169	162	208	1496
170	163	209	1224
171	164	210	1516
172	165	211	1228
173	166	212	1536
174	167	213	1232
175	168	214	1556
176	169	215	1237
177	170	216	1257
178	171	217	1277
179	172	218	1193
180	173	219	1213
181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
186	179	221	1377
187	180	222	1241
188	181	223	1397
189	182	224	1245
190	183	225	1417
191	184	226	1249
192	185	227	1437
193	186	228	1253
194	187	229	1457
195	188	230	1477
196	189	231	1261
197	190	232	1497
198	191	233	1265
199	192	234	1517
200	193	235	1269
201	194	236	1537
202	195	237	1273
203	196	238	1557
204	197	239	1373
205	198	240	1197
206	199	241	1393
207	200	242	1201
208	201	243	1413
209	202	244	1205
210	203	245	1433
211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
218	211	253	1225
219	212	254	1533
220	213	255	1229
221	214	256	1553
222	215	261	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398
231	224	265	1246

232	225	266	1418
233	226	267	1250
234	227	268	1438
235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
242	235	277	1270
243	236	278	1538
244	237	279	1274
245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
249	242	349	1202
250	243	350	1414
251	244	351	1206
252	245	352	1434
253	246	353	1210
254	247	354	1454
255	248	356	1474
256	249	357	1218
257	250	358	1494
258	251	359	1222
259	252	360	1514
260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
270	267	288	1145
271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
275	272	293	1469
276	273	294	1157
277	274	295	1489
278	275	296	1161
279	276	297	1509
280	277	298	1165
281	278	299	1529
282	279	300	1169
283	280	301	1549
284	281	302	1173
285	282	303	1134
286	283	304	1370
287	284	305	1138
288	285	306	1390
289	286	307	1142
290	287	308	1410
291	288	309	1146
292	289	310	1430
293	290	311	1150
294	291	312	1450
295	292	313	1154
296	293	314	1470
297	294	315	1158
298	295	316	1490
299	296	317	1162
300	297	318	1510
301	298	319	1166
302	299	320	1530
303	300	321	1170
304	301	322	1550
305	302	323	1174
306	303	324	1135
307	304	325	1371
308	305	326	1139
309	306	327	1391
310	307	328	1143
311	308	329	1411
312	309	330	1147
313	310	331	1431
314	311	332	1151
315	312	333	1451
316	313	334	1155
317	314	335	1471
318	315	336	1159
319	316	337	1491
320	317	338	1163
321	318	339	1511
322	319	340	1167
323	320	341	1531
324	321	342	1171
325	322	343	1551
326	323	344	1175
327	324	345	1136
328	325	346	1372
329	326	347	1140
330	327	348	1392
331	328	349	1144
332	329	350	1412
333	330	351	1148
334	331	352	1432
335	332	353	1152
336	333	354	1452
337	334	355	1156
338	335	356	1472
339	336	357	1160
340	337	358	1492
341	338	359	1164
342	339	360	1512
343	340	361	1168
344	341	362	1532
345	342	363	1172
346	343	364	1552
347	344	365	1176
348	262	366	1387
349	263	367	1331
350	264	368	1407
351	265	369	1335
352	266	370	1427
353	267	371	1339
354	268	372	1447
355	269	373	1343
356	270	374	1467
357	272	375	1487
358	273	376	1351
359	274	377	1507
360	275	378	1355
361	276	379	1527
362	277	380	1359
363	278	381	1547
364	279	382	1363
365	280	383	1567
366	346	384	1383
367	347	385	1287
368	348	386	1403
369	349	387	1291
370	350	388	1423
371	351	389	1295
372	352	390	1443

373	353	391	1299
374	354	392	1463
375	356	393	1483
376	357	394	1307
377	358	395	1503
378	359	396	1311
379	360	397	1523
380	361	398	1315
381	362	399	1543
382	363	400	1319
383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
397	369	411	1336
398	370	412	1428
399	371	413	1340
400	372	414	1448
401	373	415	1344
402	374	416	1468
403	375	417	1488
404	376	418	1352
405	377	419	1508
406	378	420	1356
407	379	421	1528
408	380	422	1360
409	381	423	1548
410	382	424	1364
411	383	425	1568
412	384	426	1384
413	385	427	1288
414	386	428	1404
415	387	429	1292
416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
427	399	441	1544
428	400	442	1320
429	401	443	1564
430	402	448	1328
431	403	449	1348
432	404	450	1368
433	405	451	1284
434	406	452	1304
435	407	453	1324
436	408	454	1385
437	409	455	1329
438	410	456	1405
439	411	457	1333
440	412	458	1425
441	413	459	1337
442	414	460	1445
443	415	461	1341
444	416	462	1465
445	417	463	1485
446	418	464	1349
447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
468	440	486	1313
469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
485	457	627	1334
486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310
513	485	885	1522

514	486	888	1314
515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS = 1091
 LARGEST ELEMENT NUMBER = 1091
 LARGEST NODE NUMBER = 1680

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.62500	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750
137	20.0000	2.35000	-1.89750

138	24.0000	2.35000	-1.89750
139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.000000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.000000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.000000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.000000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.000000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000
278	69.0000	2.35000	-1.10000

279	73.0000	2.35000	-1.10000
280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	4.00000	2.35000	-0.775000
404	8.00000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	4.00000	8.90000	-0.775000
407	8.00000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000
419	52.2500	2.35000	-0.705000

420	56.5000	2.35000	-0.705000
421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00
560	1.33333	0.750000	0.000000E+00

561	2.66667	0.750000	0.000000E+00
562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.350000	0.000000E+00
617	1.33333	2.350000	0.000000E+00
618	2.66667	2.350000	0.000000E+00
619	4.00000	2.350000	0.000000E+00
620	5.33333	2.350000	0.000000E+00
621	6.66667	2.350000	0.000000E+00
622	8.00000	2.350000	0.000000E+00
623	10.0000	2.350000	0.000000E+00
624	12.0000	2.350000	0.000000E+00
625	13.3333	2.350000	0.000000E+00
626	14.6667	2.350000	0.000000E+00
627	16.0000	2.350000	0.000000E+00
628	17.3333	2.350000	0.000000E+00
629	18.6667	2.350000	0.000000E+00
630	20.0000	2.350000	0.000000E+00
631	22.0000	2.350000	0.000000E+00
632	24.0000	2.350000	0.000000E+00
633	25.3333	2.350000	0.000000E+00
634	26.6667	2.350000	0.000000E+00
635	28.0000	2.350000	0.000000E+00
636	29.3333	2.350000	0.000000E+00
637	30.6667	2.350000	0.000000E+00
638	32.0000	2.350000	0.000000E+00
639	34.0000	2.350000	0.000000E+00
640	36.0000	2.350000	0.000000E+00
641	37.3333	2.350000	0.000000E+00
642	38.6667	2.350000	0.000000E+00
643	40.0000	2.350000	0.000000E+00
644	41.3333	2.350000	0.000000E+00
645	42.6667	2.350000	0.000000E+00
646	44.0000	2.350000	0.000000E+00
647	46.0000	2.350000	0.000000E+00
648	48.0000	2.350000	0.000000E+00
649	49.4167	2.350000	0.000000E+00
650	50.8333	2.350000	0.000000E+00
651	52.2500	2.350000	0.000000E+00
652	53.6667	2.350000	0.000000E+00
653	55.0833	2.350000	0.000000E+00
654	56.5000	2.350000	0.000000E+00
655	58.0000	2.350000	0.000000E+00
656	59.3750	2.350000	0.000000E+00
657	60.7500	2.350000	0.000000E+00
658	62.1667	2.350000	0.000000E+00
659	63.5833	2.350000	0.000000E+00
660	65.0000	2.350000	0.000000E+00
661	66.3333	2.350000	0.000000E+00
662	67.6667	2.350000	0.000000E+00
663	69.0000	2.350000	0.000000E+00
664	70.0000	2.350000	0.000000E+00
665	71.5000	2.350000	0.000000E+00
666	73.0000	2.350000	0.000000E+00
667	74.3333	2.350000	0.000000E+00
668	75.6667	2.350000	0.000000E+00
669	77.0000	2.350000	0.000000E+00
670	78.3333	2.350000	0.000000E+00
671	79.6667	2.350000	0.000000E+00
672	81.0000	2.350000	0.000000E+00
673	0.000000E+00	3.987500	0.000000E+00
674	1.33333	3.987500	0.000000E+00
675	2.66667	3.987500	0.000000E+00
676	4.00000	3.987500	-0.111022E-15
677	5.33333	3.987500	0.000000E+00
678	6.66667	3.987500	0.000000E+00
679	8.00000	3.987500	0.000000E+00
680	10.0000	3.987500	0.000000E+00
681	12.0000	3.987500	0.000000E+00
682	13.3333	3.987500	0.000000E+00
683	14.6667	3.987500	0.000000E+00
684	16.0000	3.987500	0.000000E+00
685	17.3333	3.987500	-0.357931E-15
686	18.6667	3.987500	-0.930621E-15
687	20.0000	3.987500	-0.644276E-14
688	22.0000	3.987500	0.000000E+00
689	24.0000	3.987500	0.000000E+00
690	25.3333	3.987500	0.000000E+00
691	26.6667	3.987500	0.000000E+00
692	28.0000	3.987500	0.277556E-16
693	29.3333	3.987500	0.000000E+00
694	30.6667	3.987500	0.000000E+00
695	32.0000	3.987500	0.000000E+00
696	34.0000	3.987500	0.000000E+00
697	36.0000	3.987500	0.000000E+00
698	37.3333	3.987500	0.000000E+00
699	38.6667	3.987500	0.000000E+00
700	40.0000	3.987500	0.000000E+00
701	41.3333	3.987500	0.000000E+00

702	42.6667	3.98750	0.000000E+00
703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154043E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00
842	79.6667	7.26250	0.000000E+00

843	81.0000	7.26250	0.000000E+00
844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00
983	36.0000	11.2500	0.000000E+00

984	37.3333	11.2500	0.000000E+00
985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.62500	0.400000
1018	81.6750	5.62500	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00
1124	77.0000	3.35000	0.000000E+00

1125	78.3333	3.35000	0.000000E+00
1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750
1265	55.5000	2.35000	-1.49500

1266	55.5000	2.35000	-1.29750
1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000
1406	11.0000	2.35000	-0.352500

1407	11.0000	2.35000	-1.10000
1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500
1547	68.0000	2.35000	-1.10000

1548	68.0000	2.35000	-0.902500
1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7454	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	11.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES	=	1680
LARGEST NODE NUMBER	=	1680
DATA STORAGE LOCATIONS USED	=	11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
1	1ST NODE	=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
	2ND NODE	=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	=0.4460E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
		ASY	EZ	EY	IYZ	
		=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
	2ND NODE	=0.9000E-01	=1.325	=0.0000E+00	=0.0000E+00	=0.3996E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
		ASY	EZ	EY	IYZ	
		=0.7200E-01	=1.325	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
3	1ST NODE	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
	2ND NODE	=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	=0.3960E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
		ASY	EZ	EY	IYZ	
		=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
	2ND NODE	=0.1260	=1.150	=0.0000E+00	=0.0000E+00	=0.4320E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
		ASY	EZ	EY	IYZ	
		=0.1260	=1.150	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
5	1ST NODE	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
	2ND NODE	=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.1160E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
		ASY	EZ	EY	IYZ	
		=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
6	1ST NODE	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
	2ND NODE	=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	=0.2812E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
		ASY	EZ	EY	IYZ	
		=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
7	1ST NODE	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
	2ND NODE	=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.3686E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
		ASY	EZ	EY	IYZ	
		=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
8	1ST NODE	=10.75	=1.579	=67.26	=5.419	=8.604
	2ND NODE	=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	=8.604
		ASY	IYY	IZZ	KT	ASZ
		=10.75	=1.579	=67.26	=5.419	=8.604
		ASY	EZ	EY	IYZ	
		=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
9	1ST NODE	=78.66	=312.1	=851.9	=777.5	=65.56
	2ND NODE	=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	=65.56
		ASY	IYY	IZZ	KT	ASZ
		=78.66	=312.1	=851.9	=777.5	=65.56
		ASY	EZ	EY	IYZ	
		=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
10	1ST NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329
	2ND NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329

G E O M E T R I C P R O P E R T I E S

Offset

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000
	2ND NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
12	1ST NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02
	2ND NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02

G E O M E T R I C P R O P E R T I E S

rigida_spalla

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
13	1ST NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05
	2ND NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
14	1ST NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3
	2ND NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
15	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
16	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
17	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10
	2ND NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
18	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=0.5375	=66.91	=0.0000E+00	=26.10

2ND NODE ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00
 AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

S=0.3m
 PROPERTY

20 QTS4 = ELEMENTS T1 = 0.3000 T2 = 0.3000 T3 = 0.3000 T4 = 0.3000
 EZ = -0.1500

GEOMETRIC PROPERTIES

Ecc0
 PROPERTY

19 JSH4 ELEMENTS
 ECCENTRICITY = 0.0000E+00
 DATA STORAGE LOCATIONS USED = 1002

GEOMETRIC ASSIGNMENTS

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	GEOMETRIC SET	LUSASM ID NO.
2	0	0	19	21
3	6	1	13	23
7	0	0	9	18
8	0	0	14	24
9	10	1	13	23
12	19	1	13	23
20	0	0	17	27
21	0	0	18	28
22	0	0	14	24
23	0	0	8	17
24	25	1	13	23
26	0	0	17	27
27	0	0	18	28
28	29	1	13	23
30	0	0	17	27
31	0	0	18	28
32	33	1	13	23
34	0	0	18	28
35	36	1	17	27
37	0	0	18	28
38	0	0	13	23
39	0	0	8	17
40	0	0	18	28
41	42	1	17	27
43	44	1	18	28
45	46	1	17	27
47	0	0	18	28
48	0	0	13	23
49	0	0	18	28
50	51	1	17	27
52	0	0	18	28
53	0	0	8	17
55	0	0	18	28
56	57	1	17	27
58	0	0	18	28
59	61	1	11	20
62	0	0	13	23
63	64	1	19	21
65	0	0	13	23
66	68	1	11	20
69	70	1	13	23
71	76	1	10	19
77	0	0	16	26
78	79	1	15	25
80	0	0	16	26
82	87	1	19	21
88	89	1	6	15
90	125	1	12	22
126	129	1	6	15
130	0	0	16	26
131	132	1	15	25
133	0	0	16	26
134	139	1	6	15
140	175	1	12	22
176	181	1	6	15
182	0	0	16	26
183	184	1	15	25
185	0	0	16	26
186	221	1	12	22
222	227	1	6	15
228	263	1	12	22
264	0	0	7	16
265	273	1	5	14
274	0	0	7	16
275	283	1	5	14
284	285	1	7	16
286	294	1	5	14
295	0	0	7	16
296	304	1	5	14
305	306	1	7	16
307	315	1	5	14
316	0	0	7	16
317	325	1	5	14
326	327	1	7	16
328	336	1	5	14
337	0	0	7	16
338	346	1	5	14
347	0	0	7	16
348	383	1	12	22
384	389	1	6	15
390	0	0	16	26
391	392	1	15	25
393	0	0	16	26
394	429	1	12	22
430	435	1	6	15
436	471	1	12	22
472	0	0	16	26
473	474	1	15	25
475	0	0	16	26
476	481	1	6	15
482	517	1	12	22
518	523	1	6	15
524	525	1	19	21
526	637	1	20	13
638	644	1	1	9
645	652	1	2	10
653	660	1	3	11
661	668	1	4	12

669	676	1	3	11
677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	114
TOTAL NUMBER OF ELEMENTS	=	1087
LARGEST ELEMENT NUMBER	=	1091
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	20
DATA STORAGE LOCATIONS USED	=	3261

J O I N T P R O P E R T I E S

MATERIAL

Incastro																		
11	KX	=	0.1000E+16	KY	=	0.1000E+16	KZ	=	0.1000E+16	KTX	=	0.1000E+16	KTY	=	0.1000E+16	KTZ	=	0.1000E+16

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla																			
12	KX	=	0.1710E+07	KY	=	0.1710E+07	KZ	=	0.1454E+10	KTX	=	1.000	KTY	=	1.000	KTZ	=	1.000	

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla fase1-2																			
22	KX	=	1.000	KY	=	1.000	KZ	=	0.1454E+10	KTX	=	1.000	KTY	=	1.000	KTZ	=	1.000	

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile																			
13	KX	=	0.2230E+07	KY	=	0.2230E+07	KZ	=	0.2186E+10	KTX	=	1.000	KTY	=	1.000	KTZ	=	1.000	

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile fase1-2																			
23	KX	=	1.000	KY	=	1.000	KZ	=	0.2186E+10	KTX	=	1.000	KTY	=	1.000	KTZ	=	1.000	

J O I N T P R O P E R T I E S

MATERIAL

giunti																			
14	KX	=	1.000	KY	=	1.000	KZ	=	1.000	KTX	=	1.000	KTY	=	1.000	KTZ	=	1.000	

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla1																			
15	MX	=	0.1241E+07	MY	=	0.1241E+07	MZ	=	0.1241E+07										

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla2																			
16	MX	=	0.1546E+07	MY	=	0.1546E+07	MZ	=	0.1546E+07										

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)																			
2	E	=	0.2100E+12	NU	=	0.3000	RHO	=	7850.	ALPHA	=	0.1000E-04	ARAYL	=	0.0000E+00	BRAYL	=	0.0000E+00	
	TEMP	=	0.0000E+00																

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2a (elastic)
 19 E = 0.1241E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
 3 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
 1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2a_Trans_Neg (elastic)
 20 E = 0.9368E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2a_Trans_Pos (elastic)
 21 E = 0.9368E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 732

M A T E R I A L A S S I G N M E N T S

Table with columns: FIRST SMEARED_ELEMENT, LAST REINFORCEMENT_ELEMENT, DIFF-ERENGE, MATERIAL SET, NSET, STRESS PLASTIC, POTENTIAL DATA SET, CREEP SET, DAMAGE SET, LusasM ID NO., VISCOELASTIC SET, TWO PHASE MATERIAL SET, SHRINKAGE SET, KO SET. Contains 108 rows of material assignment data.

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 99

F R E E D O M T E M P L A T E

Table with 20 columns labeled COLM. 1 to COLM. 20 and 2 rows labeled U and V, representing degrees of freedom.

C A R T E S I A N S E T S M A T R I X

SET NUMBER

1 MATRIX = -1.0000 0.00000E+00 0.00000E+00 (x vector)
0.00000E+00 -1.0000 0.00000E+00 (y vector)
0.00000E+00 0.00000E+00 1.0000 (z vector)

TOTAL NUMBER OF CARTESIAN SETS = 1
LARGEST SET NUMBER = 1
LARGEST NODE NUMBER = 0
DATA STORAGE LOCATIONS USED = 110

T R A N S F O R M E D F R E E D O M S

Table with 4 columns: FIRST NODE, LAST NODE, DIFF RNCE, CARTESIAN SET NUMB. Rows include node pairs like (1,7), (8,10), (15,16), etc.

TOTAL NUMBER OF TRANSFORMED FREEDOM SETS = 18
TOTAL NUMBER OF NODES = 39
LARGEST NODE NUMBER = 1020
LARGEST CARTESIAN SET NUMBER = 1
DATA STORAGE LOCATIONS USED = 819

S U P P O R T N O D E S

F = FREE
R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
S = SPRING

Table with 11 columns: FIRST NODE, LAST NODE, DIFF RNCE, SUPPORT CONDITION, SPRING CONSTANT VALUE, SPRING CONSTANT VALUE, SPRING CONSTANT VALUE, SPRING CONSTANT VALUE, SPRING CONSTANT VALUE, SPRING CONSTANT VALUE, SPRING CONSTANT VALUE. Includes rows for nodes 2, 13, 65, 558, 1015.

TOTAL NUMBER OF SUPPORT NODES = 9
LARGEST NODE NUMBER = 1015
DATA STORAGE LOCATIONS USED = 180

L O A D C A S E 4

Permanenti

Table with 11 columns: FIRST NODE, LAST NODE, DIFF RNCE, FORCE FX, FORCE FY, FORCE FZ, FORCE MX, FORCE MY, FORCE MZ. Lists force values for nodes 501 through 584.

956	0	0	0.00000E+00	0.00000E+00	-4816.0	0.00000E+00	0.00000E+00	0.00000E+00
957	0	0	0.00000E+00	0.00000E+00	-2408.0	0.00000E+00	0.00000E+00	0.00000E+00
959	0	0	0.00000E+00	0.00000E+00	-3500.0	0.00000E+00	0.00000E+00	0.00000E+00
960	964	1	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-8750.0	0.00000E+00	0.00000E+00	0.00000E+00
966	0	0	0.00000E+00	0.00000E+00	-10500.	0.00000E+00	0.00000E+00	0.00000E+00
967	0	0	0.00000E+00	0.00000E+00	-8750.0	0.00000E+00	0.00000E+00	0.00000E+00
968	972	1	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-8750.0	0.00000E+00	0.00000E+00	0.00000E+00
974	0	0	0.00000E+00	0.00000E+00	-10500.	0.00000E+00	0.00000E+00	0.00000E+00
975	0	0	0.00000E+00	0.00000E+00	-8750.0	0.00000E+00	0.00000E+00	0.00000E+00
976	980	1	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
981	0	0	0.00000E+00	0.00000E+00	-8750.0	0.00000E+00	0.00000E+00	0.00000E+00
982	0	0	0.00000E+00	0.00000E+00	-10500.	0.00000E+00	0.00000E+00	0.00000E+00
983	0	0	0.00000E+00	0.00000E+00	-8750.0	0.00000E+00	0.00000E+00	0.00000E+00
984	988	1	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
989	0	0	0.00000E+00	0.00000E+00	-8750.0	0.00000E+00	0.00000E+00	0.00000E+00
990	0	0	0.00000E+00	0.00000E+00	-10500.	0.00000E+00	0.00000E+00	0.00000E+00
991	0	0	0.00000E+00	0.00000E+00	-8968.8	0.00000E+00	0.00000E+00	0.00000E+00
992	993	1	0.00000E+00	0.00000E+00	-7437.5	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-7437.5	0.00000E+00	0.00000E+00	0.00000E+00
995	996	1	0.00000E+00	0.00000E+00	-7437.5	0.00000E+00	0.00000E+00	0.00000E+00
997	0	0	0.00000E+00	0.00000E+00	-7656.2	0.00000E+00	0.00000E+00	0.00000E+00
998	0	0	0.00000E+00	0.00000E+00	-7546.9	0.00000E+00	0.00000E+00	0.00000E+00
999	0	0	0.00000E+00	0.00000E+00	-7218.8	0.00000E+00	0.00000E+00	0.00000E+00
1000	0	0	0.00000E+00	0.00000E+00	-7328.1	0.00000E+00	0.00000E+00	0.00000E+00
1001	0	0	0.00000E+00	0.00000E+00	-7437.5	0.00000E+00	0.00000E+00	0.00000E+00
1002	0	0	0.00000E+00	0.00000E+00	-7437.5	0.00000E+00	0.00000E+00	0.00000E+00
1003	0	0	0.00000E+00	0.00000E+00	-7218.8	0.00000E+00	0.00000E+00	0.00000E+00
1004	0	0	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
1005	0	0	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
1006	0	0	0.00000E+00	0.00000E+00	-6125.0	0.00000E+00	0.00000E+00	0.00000E+00
1007	0	0	0.00000E+00	0.00000E+00	-6562.5	0.00000E+00	0.00000E+00	0.00000E+00
1008	0	0	0.00000E+00	0.00000E+00	-7875.0	0.00000E+00	0.00000E+00	0.00000E+00
1009	0	0	0.00000E+00	0.00000E+00	-7437.5	0.00000E+00	0.00000E+00	0.00000E+00
1010	0	0	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
1011	1013	1	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
1014	0	0	0.00000E+00	0.00000E+00	-7000.0	0.00000E+00	0.00000E+00	0.00000E+00
1016	0	0	0.00000E+00	0.00000E+00	-3500.0	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 513
 LARGEST NODE OR ELEMENT NUMBER = 1016

DATA STORAGE LOCATIONS USED = 3389

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST ELT	LAST ELT	DIFF RNCE	OUTPUT CONTROL	AVERAGED NODAL VALUES GROUP	NODAL FORCE OUTPUT GROUP	HISTORY CONTROL	PLOT FILE CONTROL
1	1091	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
 TOTAL NUMBER OF ELEMENTS OUTPUT = 1091
 LARGEST ELEMENT NUMBER INPUT = 1091
 LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL
1	1680	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 1
 TOTAL NUMBER OF NODES OUTPUT = 0
 LARGEST NODE NUMBER INPUT = 1680
 LARGEST NODE OUTPUT CONTROL NUMBER = 0
 LARGEST NODE HISTORY CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1091
 TOTAL NUMBER OF CONSTRAINTS = 0
 TOTAL NUMBER OF NODES = 1680
 TOTAL NUMBER OF SUPPORT NODES = 9
 TOTAL NUMBER OF LOADING CASES = 1

LOCATIONS USED DURING DATA PROCESSING = 78681960
 LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 0.35900 SEC.

TIME AT CENTRAL PROCESSOR = 10:11:59 ON 28/05/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1987
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)

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

MATERIAL SET	LENGTH M	GEOMETRIC SUMMARY AREA sq M	VOLUME cu M	ELEMENT MASS KG	X-COORD M	CENTRE OF GRAVITY Y-COORD M	Z-COORD M
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	57.3134	0.000000E+00	444.116	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	8.80000	0.000000E+00	189.358	473395.	40.0084	5.62500	-6.91155
9	4.00000	0.000000E+00	971.040	0.242760E+07	40.5000	11.8456	-7.00000

Table with 8 columns: Node ID, X, Y, Z, Ux, Uy, Uz, Rx, Ry, Rz. Rows 1-21 and TOTALES FOR STRUCTURE.

MATERIAL SET MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0). Columns: Ixx, Iyy, Izz, Ixy, Iyz, Ixz.

MATERIAL SET MOMENTS OF INERTIA ABOUT CENTROIDS. Columns: Ixx, Iyy, Izz, Ixy, Iyz, Ixz.

MATERIAL SET PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES. Columns: I11, I22, I33, Principal Directions.

FORCE OUTPUT GROUP RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS. Columns: Fx, Fy, Fz, Mx, My, Mz.

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.15000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 463274
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
TOTAL NO. OF EQUATIONS = 6120
TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 20601
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 15523
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 6002
TOTAL SIZE OF ELEMENT DATA RECORDS = 441588
TOTAL SIZE OF ELEMENT RESULT RECORDS = 393549
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 172395

TIME FOR PRE-SOLUTION PROCESS = 0.62000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:11:59 ON 28/05/21 (DAY/MTH/YR)

SOLUTION BY FRONTAL SPARSE MATRIX TECHNIQUE

TIME FOR EQUATION REORDERING = 0.02 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 536109 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

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= Multifrontal statistics =

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number of equations = 6066
no. of nonzeros in lower triangle of a = 100701
number of compressed nodes = 1011
no. of compressed nonzeros in l. tri. = 2376
amount of workspace currently in use = 472706
max. amt. of workspace used = 98129246
no. of nonzeros in the factor l = 286893.
number of super nodes = 534
number of compressed subscripts = 17178
size of stack storage = 29322
maximum order of a front matrix = 174
maximum size of a front matrix = 15225
maximum size of a front trapezoid = 13620
no. of floating point ops for factor = 2.5393D+07
no. of floating point ops for solve = 1.1779D+06
actual no. of nonzeros in the factor l = 286893.
actual number of compressed subscripts = 17178
actual size of stack storage used = 50034
near zero pivot monitoring activated
number of pivots adjusted = 0.
negative pivot monitoring activated
number of negative pivots encountered = 0.
factorization panel size = 128
factorization update panel size = 32
solution block size = 8

time (in seconds) for structure input = 0.000000
time (in seconds) for ordering = 0.016000
time (in seconds) for symbolic factor = 0.000000
time (in seconds) for value input = 0.000000

number of cpus used for factor & solve = 2
time (in seconds) for numeric factor = 0.031000
computational rate (mflops) for factor = 819.138650
condition number estimate = 1.0386D+21
  
```

```

i/o statistics:  unit number      length      amount
                  -----      (Mbytes)    (Mbytes)
                  -----
NUMBER OF POSITIVE EIGENVALUES      31.         0.14      = 0.34
NUMBER OF NEGATIVE EIGENVALUES      = 6066
AMOUNT OF DISK SPACE USED           = 0.14 MB
DETERMINANT OF STIFFNESS MATRIX      = 8.734E+58119
SMALLEST PIVOT ENCOUNTERED WAS      9.73318     AT NODE    646, FREEDOM 1
LARGEST PIVOT ENCOUNTERED WAS      0.573152E+19 AT NODE    3, FREEDOM 4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION = 0.82378E-21
  
```

```

TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION = 0.47000E-01 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS
  
```

```

LOCATIONS USED DURING POST-SOLUTION PROCESS = 447070
LOCATIONS AVAILABLE = 98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
ACTUAL TOTAL NO. FACES IN STRUCTURE = 448

TIME FOR POST-SOLUTION PROCESS = 0.94000E-01 SEC.
TOTAL CPU TIME USED FOR SOLUTION = 0.56200 SEC.
TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 1 SECS
TIME AT CENTRAL PROCESSOR = 10:11:59 ON 28/05/21 (DAY/MTH/YR)
  
```

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	645	1514	0	0	0.1562500E-01
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	64	107	0	0	0.1562500E-01
PLOT	16384	1112	1327	0	0	3.437500
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 10:12:00 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 NLPZ 98304000
 NPGS 960
 MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 IDTIME 1

LL UU UU SSSSSS AAAA SSSSSS
 LL UU UU SS SS AA AA SS SS
 LL UU UU SS AA AA SS
 LL UU UU SSSSS AAAAAAAA SSSSS
 LL UU UU SSSSS AAAAAAAA SSSSS
 LL UU UU SS AA AA SS
 LLLLLLLL UU UU SS SS AA AA SS SS
 LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
 Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
 Forge House,
 66 High Street,
 Kingston upon Thames,
 Surrey, KT1 1HN, UK
 www.lusas.com
 Sales Enquiries: Tel +44 (0)20 8541 1999
 Fax +44 (0)20 8549 9399
 Email: info@lusas.com
 Customer Support: Tel +44 (0)20 3325 0440
 Fax +44 (0)20 8549 9399
 Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021
 Using Sentinel license server.
 Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
 Element Library : Plus
 Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
 Input file :
 D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale-03 - Fase2b.dat
 Number of processors available : 8
 Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:12:01 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C
 GRAVITY DIRECTION = Z ACCELERATION = -9.810
 O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
 O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
 O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
 O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
 O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
 O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
 O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
 O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
 O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
 O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
 O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
 O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
 O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	2	3	1671	1672
2	6	5	1663	1664
11	13	12	1669	1670
63	61	60	1665	1666
64	65	64	1667	1668
82	95	96	1659	1660
83	117	118	1661	1662
84	75	123	1655	1656
85	85	124	1653	1654
86	97	125	1657	1658
87	107	126	1651	1652

524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
QTS4				
ELEMENTS				
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
531	506	507	565	564
532	507	508	566	565
533	508	509	567	566
534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
547	522	523	581	580
548	523	524	582	581
549	524	525	583	582
550	525	526	584	583
551	526	527	585	584
552	527	528	586	585
553	528	529	587	586
554	529	530	588	587
555	530	531	589	588
556	531	532	590	589
557	532	533	591	590
558	533	534	592	591
559	534	535	593	592
560	535	536	594	593
561	536	537	595	594
562	537	538	596	595
563	538	539	597	596
564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
575	550	551	609	608
576	551	552	610	609
577	552	553	611	610
578	553	554	612	611
579	554	555	613	612
580	555	556	614	613
581	556	557	615	614
582	557	558	616	615
583	558	559	617	616
584	559	560	618	617
585	560	561	619	618
586	561	562	620	619
587	562	563	621	620
588	563	564	622	621
589	564	565	623	622
590	565	566	624	623
591	566	567	625	624
592	567	568	626	625
593	568	569	627	626
594	569	570	628	627
595	570	571	629	628
596	571	572	630	629
597	572	573	631	630
598	573	574	632	631
599	574	575	633	632
600	575	576	634	633
601	576	577	635	634
602	577	578	636	635
603	578	579	637	636
604	579	580	638	637
605	580	581	639	638
606	581	582	640	639
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613	588	589	647	646
614	589	590	648	647
615	590	591	649	648
616	591	592	650	649
617	592	593	651	650
618	593	594	652	651
619	594	595	653	652
620	595	596	654	653
621	596	597	655	654
622	597	598	656	655
623	598	599	657	656
624	599	600	658	657
625	600	601	659	658
626	601	602	660	659
627	602	603	661	660
628	603	604	662	661
629	604	605	663	662
630	605	606	664	663
631	606	607	665	664
632	607	608	666	665
633	608	609	667	666
634	609	610	668	667
635	610	611	669	668
636	611	612	670	669
637	612	613	671	670
638	613	614	672	671
639	614	615	673	672
640	615	616	674	673
641	616	617	675	674
642	617	618	676	675
643	618	619	677	676
644	619	620	678	677
645	620	621	679	678
646	621	622	680	679
647	622	623	681	680
648	623	624	682	681
649	624	625	683	682
650	625	626	684	683
651	626	627	685	684
652	627	628	686	685
653	628	629	687	686
654	629	630		

708	630	631	688	687
709	631	632	689	688
710	632	633	690	689
711	633	634	691	690
712	634	635	692	691
713	635	636	693	692
714	636	637	694	693
715	637	638	695	694
716	638	639	696	695
717	639	640	697	696
718	640	641	698	697
719	641	642	699	698
720	642	643	700	699
721	643	644	701	700
722	644	645	702	701
723	645	646	703	702
724	646	647	704	703
725	647	648	705	704
726	648	649	706	705
727	649	650	707	706
728	650	651	708	707
729	651	652	709	708
730	652	653	710	709
731	653	654	711	710
732	654	655	712	711
733	655	656	713	712
734	656	657	714	713
735	657	658	715	714
736	658	659	716	715
737	659	660	717	716
738	660	661	718	717
739	661	662	719	718
740	662	663	720	719
741	663	664	721	720
742	664	665	722	721
743	665	666	723	722
744	666	667	724	723
745	667	668	725	724
746	668	669	726	725
747	669	670	727	726
748	670	671	728	727
749	671	672	729	728
750	673	674	731	730
751	674	675	732	731
752	675	676	733	732
753	676	677	734	733
754	677	678	735	734
755	678	679	736	735
756	679	680	737	736
757	680	681	738	737
758	681	682	739	738
759	682	683	740	739
760	683	684	741	740
761	684	685	742	741
762	685	686	743	742
763	686	687	744	743
764	687	688	745	744
765	688	689	746	745
766	689	690	747	746
767	690	691	748	747
768	691	692	749	748
769	692	693	750	749
770	693	694	751	750
771	694	695	752	751
772	695	696	753	752
773	696	697	754	753
774	697	698	755	754
775	698	699	756	755
776	699	700	757	756
777	700	701	758	757
778	701	702	759	758
779	702	703	760	759
780	703	704	761	760
781	704	705	762	761
782	705	706	763	762
783	706	707	764	763
784	707	708	765	764
785	708	709	766	765
786	709	710	767	766
787	710	711	768	767
788	711	712	769	768
789	712	713	770	769
790	713	714	771	770
791	714	715	772	771
792	715	716	773	772
793	716	717	774	773
794	717	718	775	774
795	718	719	776	775
796	719	720	777	776
797	720	721	778	777
798	721	722	779	778
799	722	723	780	779
800	723	724	781	780
801	724	725	782	781
802	725	726	783	782
803	726	727	784	783
804	727	728	785	784
805	728	729	786	785
806	730	731	788	787
807	731	732	789	788
808	732	733	790	789
809	733	734	791	790
810	734	735	792	791
811	735	736	793	792
812	736	737	794	793
813	737	738	795	794
814	738	739	796	795
815	739	740	797	796
816	740	741	798	797
817	741	742	799	798
818	742	743	800	799
819	743	744	801	800
820	744	745	802	801
821	745	746	803	802
822	746	747	804	803
823	747	748	805	804
824	748	749	806	805
825	749	750	807	806
826	750	751	808	807
827	751	752	809	808
828	752	753	810	809
829	753	754	811	810
830	754	755	812	811
831	755	756	813	812
832	756	757	814	813
833	757	758	815	814
834	758	759	816	815
835	759	760	817	816
836	760	761	818	817
837	761	762	819	818
838	762	763	820	819
839	763	764	821	820
840	764	765	822	821
841	765	766	823	822
842	766	767	824	823
843	767	768	825	824
844	768	769	826	825
845	769	770	827	826
846	770	771	828	827
847	771	772	829	828
848	772	773	830	829

849	773	774	831	830
850	774	775	832	831
851	775	776	833	832
852	776	777	834	833
853	777	778	835	834
854	778	779	836	835
855	779	780	837	836
856	780	781	838	837
857	781	782	839	838
858	782	783	840	839
859	783	784	841	840
860	784	785	842	841
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862	787	788	845	844
863	788	789	846	845
864	789	790	847	846
865	790	791	848	847
866	791	792	849	848
867	792	793	850	849
868	793	794	851	850
869	794	795	852	851
870	795	796	853	852
871	796	797	854	853
872	797	798	855	854
873	798	799	856	855
874	799	800	857	856
875	800	801	858	857
876	801	802	859	858
877	802	803	860	859
878	803	804	861	860
879	804	805	862	861
880	805	806	863	862
881	806	807	864	863
882	807	808	865	864
883	808	809	866	865
884	809	810	867	866
885	810	811	868	867
886	811	812	869	868
887	812	813	870	869
888	813	814	871	870
889	814	815	872	871
890	815	816	873	872
891	816	817	874	873
892	817	818	875	874
893	818	819	876	875
894	819	820	877	876
895	820	821	878	877
896	821	822	879	878
897	822	823	880	879
898	823	824	881	880
899	824	825	882	881
900	825	826	883	882
901	826	827	884	883
902	827	828	885	884
903	828	829	886	885
904	829	830	887	886
905	830	831	888	887
906	831	832	889	888
907	832	833	890	889
908	833	834	891	890
909	834	835	892	891
910	835	836	893	892
911	836	837	894	893
912	837	838	895	894
913	838	839	896	895
914	839	840	897	896
915	840	841	898	897
916	841	842	899	898
917	842	843	900	899
918	843	844	901	900
919	844	845	902	901
920	845	846	903	902
921	846	847	904	903
922	847	848	905	904
923	848	849	906	905
924	849	850	907	906
925	850	851	908	907
926	851	852	909	908
927	852	853	910	909
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929	854	855	912	911
930	855	856	913	912
931	856	857	914	913
932	857	858	915	914
933	858	859	916	915
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937	862	863	920	919
938	863	864	921	920
939	864	865	922	921
940	865	866	923	922
941	866	867	924	923
942	867	868	925	924
943	868	869	926	925
944	869	870	927	926
945	870	871	928	927
946	871	872	929	928
947	872	873	930	929
948	873	874	931	930
949	874	875	932	931
950	875	876	933	932
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953	878	879	936	935
954	879	880	937	936
955	880	881	938	937
956	881	882	939	938
957	882	883	940	939
958	883	884	941	940
959	884	885	942	941
960	885	886	943	942
961	886	887	944	943
962	887	888	945	944
963	888	889	946	945
964	889	890	947	946
965	890	891	948	947
966	891	892	949	948
967	892	893	950	949
968	893	894	951	950
969	894	895	952	951
970	895	896	953	952
971	896	897	954	953
972	897	898	955	954
973	898	899	956	955
974	899	900	957	956
975	900	901	958	957
976	901	902	959	958
977	902	903	960	959
978	903	904	961	960
979	904	905	962	961
980	905	906	963	962
981	906	907	964	963
982	907	908	965	964
983	908	909	966	965
984	909	910	967	966
985	910	911	968	967
986	911	912	969	968
987	912	913	970	969
988	913	914	971	970
989	914	915	972	971
990	915	916	973	972
991	916	917	974	973
992	917	918	975	974

1046	917	918	976	975
1047	918	919	977	976
1048	919	920	978	977
1049	920	921	979	978
1050	921	922	980	979
1051	922	923	981	980
1052	923	924	982	981
1053	924	925	983	982
1054	925	926	984	983
1055	926	927	985	984
1056	927	928	986	985
1057	928	929	987	986
1058	929	930	988	987
1059	930	931	989	988
1060	931	932	990	989
1061	932	933	991	990
1062	933	934	992	991
1063	934	935	993	992
1064	935	936	994	993
1065	936	937	995	994
1066	937	938	996	995
1067	938	939	997	996
1068	939	940	998	997
1069	940	941	999	998
1070	941	942	1000	999
1071	942	943	1001	1000
1072	943	944	1002	1001
1073	944	945	1003	1002
1074	945	946	1004	1003
1075	946	947	1005	1004
1076	947	948	1006	1005
1077	948	949	1007	1006
1078	949	950	1008	1007
1079	950	951	1009	1008
1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS		
PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS	END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED)
BMI21	ELEMENTS	
3	1	7 1633
4	4	8 1637
5	7	9 1634
6	8	10 1638
7	5	18 1182
8	3	21 1643
9	9	15 1635
10	10	16 1639
12	11	17 1595
13	14	19 1591
14	15	20 1636
15	16	22 1640
16	20	21 1641
17	21	22 1642
18	17	23 1596
19	19	24 1592
20	20	25 1617
21	22	26 1625
22	12	33 1599
23	18	31 1179
24	23	27 1597
25	24	28 1593
26	25	29 1618
27	26	30 1626
28	27	32 1598
29	28	34 1594
30	29	35 1619
31	30	36 1627
32	33	32 1601
33	34	33 1600
34	32	37 1569
35	34	38 1574
36	35	39 1620
37	36	40 1628
38	21	54 1646
39	31	45 1180
40	37	41 1570
41	38	42 1575
42	39	43 1621
43	40	44 1629
44	41	46 1571
45	42	47 1576
46	43	48 1622
47	44	49 1630
48	33	74 1604
49	46	50 1572
50	47	51 1577
51	48	52 1623
52	49	53 1631
53	45	62 1181
55	50	58 1573
56	51	70 1578
57	52	66 1624
58	53	73 1632
59	55	60 1192
60	62	56 1178
61	57	64 1188
62	58	59 1649
65	66	63 1650
66	60	67 1189
67	68	62 1177
68	64	69 1185
69	70	71 1647
70	73	72 1648
71	75	55 1191
72	85	56 1184
73	95	57 1187
74	67	97 1190
75	107	68 1183
76	69	117 1186
77	58	119 1585
78	66	120 1605
79	70	121 1579
80	73	122 1611
88	96	127 1279
89	118	128 1235
90	76	133 1379
91	77	134 1243

92	78	135	1399
93	79	136	1247
94	80	137	1419
95	81	138	1251
96	82	139	1439
97	83	140	1255
98	84	141	1459
99	86	142	1479
100	87	143	1263
101	88	144	1499
102	89	145	1267
103	90	146	1519
104	91	147	1271
105	92	148	1539
106	93	149	1275
107	94	150	1559
108	98	151	1375
109	99	152	1199
110	100	153	1395
111	101	154	1203
112	102	155	1415
113	103	156	1207
114	104	157	1435
115	105	158	1211
116	106	159	1455
117	108	160	1475
118	109	161	1219
119	110	162	1495
120	111	163	1223
121	112	164	1515
122	113	165	1227
123	114	166	1535
124	115	167	1231
125	116	168	1555
126	123	129	1239
127	124	130	1259
128	125	131	1195
129	126	132	1215
130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
161	154	200	1204
162	155	201	1416
163	156	202	1208
164	157	203	1436
165	158	204	1212
166	159	205	1456
167	160	206	1476
168	161	207	1220
169	162	208	1496
170	163	209	1224
171	164	210	1516
172	165	211	1228
173	166	212	1536
174	167	213	1232
175	168	214	1556
176	169	215	1237
177	170	216	1257
178	171	217	1277
179	172	218	1193
180	173	219	1213
181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
186	179	221	1377
187	180	222	1241
188	181	223	1397
189	182	224	1245
190	183	225	1417
191	184	226	1249
192	185	227	1437
193	186	228	1253
194	187	229	1457
195	188	230	1477
196	189	231	1261
197	190	232	1497
198	191	233	1265
199	192	234	1517
200	193	235	1269
201	194	236	1537
202	195	237	1273
203	196	238	1557
204	197	239	1373
205	198	240	1197
206	199	241	1393
207	200	242	1201
208	201	243	1413
209	202	244	1205
210	203	245	1433
211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
218	211	253	1225
219	212	254	1533
220	213	255	1229
221	214	256	1553
222	215	256	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398
231	224	265	1246
232	225	266	1418

233	226	267	1250
234	227	268	1438
235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
242	235	277	1270
243	236	278	1538
244	237	279	1274
245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
249	242	349	1202
250	243	350	1414
251	244	351	1206
252	245	352	1434
253	246	353	1210
254	247	354	1454
255	248	356	1474
256	249	357	1218
257	250	358	1494
258	251	359	1222
259	252	360	1514
260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
270	267	288	1145
271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
275	272	293	1469
276	273	294	1157
277	274	295	1489
278	275	296	1161
279	276	297	1509
280	277	298	1165
281	278	299	1529
282	279	300	1169
283	280	301	1549
284	281	302	1173
285	282	303	1134
286	283	304	1370
287	284	305	1138
288	285	306	1390
289	286	307	1142
290	287	308	1410
291	288	309	1146
292	289	310	1430
293	290	311	1150
294	291	312	1450
295	292	313	1154
296	293	314	1470
297	294	315	1158
298	295	316	1490
299	296	317	1162
300	297	318	1510
301	298	319	1166
302	299	320	1530
303	300	321	1170
304	301	322	1550
305	302	323	1174
306	303	324	1135
307	304	325	1371
308	305	326	1139
309	306	327	1391
310	307	328	1143
311	308	329	1411
312	309	330	1147
313	310	331	1431
314	311	332	1151
315	312	333	1451
316	313	334	1155
317	314	335	1471
318	315	336	1159
319	316	337	1491
320	317	338	1163
321	318	339	1511
322	319	340	1167
323	320	341	1531
324	321	342	1171
325	322	343	1551
326	323	344	1175
327	324	345	1136
328	325	346	1372
329	326	347	1140
330	327	348	1392
331	328	349	1144
332	329	350	1412
333	330	351	1148
334	331	352	1432
335	332	353	1152
336	333	354	1452
337	334	355	1156
338	335	356	1472
339	336	357	1160
340	337	358	1492
341	338	359	1164
342	339	360	1512
343	340	361	1168
344	341	362	1532
345	342	363	1172
346	343	364	1552
347	344	365	1176
348	262	366	1387
349	263	367	1331
350	264	368	1407
351	265	369	1335
352	266	370	1427
353	267	371	1339
354	268	372	1447
355	269	373	1343
356	270	374	1467
357	272	375	1487
358	273	376	1351
359	274	377	1507
360	275	378	1355
361	276	379	1527
362	277	380	1359
363	278	381	1547
364	279	382	1363
365	280	383	1567
366	346	384	1383
367	347	385	1287
368	348	386	1403
369	349	387	1291
370	350	388	1423
371	351	389	1295
372	352	390	1443
373	353	391	1299

374	354	392	1463
375	356	393	1483
376	357	394	1307
377	358	395	1503
378	359	396	1311
379	360	397	1523
380	361	398	1315
381	362	399	1543
382	363	400	1319
383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
397	369	411	1336
398	370	412	1428
399	371	413	1340
400	372	414	1448
401	373	415	1344
402	374	416	1468
403	375	417	1488
404	376	418	1352
405	377	419	1508
406	378	420	1356
407	379	421	1528
408	380	422	1360
409	381	423	1548
410	382	424	1364
411	383	425	1568
412	384	426	1384
413	385	427	1288
414	386	428	1404
415	387	429	1292
416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
427	399	441	1544
428	400	442	1320
429	401	443	1564
430	402	444	1328
431	403	449	1348
432	404	450	1368
433	405	451	1284
434	406	452	1304
435	407	453	1324
436	408	454	1385
437	409	455	1329
438	410	456	1405
439	411	457	1333
440	412	458	1425
441	413	459	1337
442	414	460	1445
443	415	461	1341
444	416	462	1465
445	417	463	1485
446	418	464	1349
447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
468	440	486	1313
469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
485	457	627	1334
486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310
513	485	885	1522
514	486	888	1314

515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS	=	1091
LARGEST ELEMENT NUMBER	=	1091
LARGEST NODE NUMBER	=	1680

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.62500	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750
137	20.0000	2.35000	-1.89750
138	24.0000	2.35000	-1.89750

139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.000000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.000000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.000000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.000000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.000000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000
278	69.0000	2.35000	-1.10000
279	73.0000	2.35000	-1.10000

280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	40.0000	2.35000	-0.775000
404	81.0000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	40.0000	8.90000	-0.775000
407	81.0000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000
419	52.2500	2.35000	-0.705000
420	56.5000	2.35000	-0.705000

421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00
560	1.33333	0.750000	0.000000E+00
561	2.66667	0.750000	0.000000E+00

562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.35000	0.000000E+00
617	1.33333	2.35000	0.000000E+00
618	2.66667	2.35000	0.000000E+00
619	4.00000	2.35000	0.000000E+00
620	5.33333	2.35000	0.000000E+00
621	6.66667	2.35000	0.000000E+00
622	8.00000	2.35000	0.000000E+00
623	10.0000	2.35000	0.000000E+00
624	12.0000	2.35000	0.000000E+00
625	13.3333	2.35000	0.000000E+00
626	14.6667	2.35000	0.000000E+00
627	16.0000	2.35000	0.000000E+00
628	17.3333	2.35000	0.000000E+00
629	18.6667	2.35000	0.000000E+00
630	20.0000	2.35000	0.000000E+00
631	22.0000	2.35000	0.000000E+00
632	24.0000	2.35000	0.000000E+00
633	25.3333	2.35000	0.000000E+00
634	26.6667	2.35000	0.000000E+00
635	28.0000	2.35000	0.000000E+00
636	29.3333	2.35000	0.000000E+00
637	30.6667	2.35000	0.000000E+00
638	32.0000	2.35000	0.000000E+00
639	34.0000	2.35000	0.000000E+00
640	36.0000	2.35000	0.000000E+00
641	37.3333	2.35000	0.000000E+00
642	38.6667	2.35000	0.000000E+00
643	40.0000	2.35000	0.000000E+00
644	41.3333	2.35000	0.000000E+00
645	42.6667	2.35000	0.000000E+00
646	44.0000	2.35000	0.000000E+00
647	46.0000	2.35000	0.000000E+00
648	48.0000	2.35000	0.000000E+00
649	49.4167	2.35000	0.000000E+00
650	50.8333	2.35000	0.000000E+00
651	52.2500	2.35000	0.000000E+00
652	53.6667	2.35000	0.000000E+00
653	55.0833	2.35000	0.000000E+00
654	56.5000	2.35000	0.000000E+00
655	58.0000	2.35000	0.000000E+00
656	59.3750	2.35000	0.000000E+00
657	60.7500	2.35000	0.000000E+00
658	62.1667	2.35000	0.000000E+00
659	63.5833	2.35000	0.000000E+00
660	65.0000	2.35000	0.000000E+00
661	66.3333	2.35000	0.000000E+00
662	67.6667	2.35000	0.000000E+00
663	69.0000	2.35000	0.000000E+00
664	70.0000	2.35000	0.000000E+00
665	71.5000	2.35000	0.000000E+00
666	73.0000	2.35000	0.000000E+00
667	74.3333	2.35000	0.000000E+00
668	75.6667	2.35000	0.000000E+00
669	77.0000	2.35000	0.000000E+00
670	78.3333	2.35000	0.000000E+00
671	79.6667	2.35000	0.000000E+00
672	81.0000	2.35000	0.000000E+00
673	0.000000E+00	3.98750	0.000000E+00
674	1.33333	3.98750	0.000000E+00
675	2.66667	3.98750	0.000000E+00
676	4.00000	3.98750	-0.111022E-15
677	5.33333	3.98750	0.000000E+00
678	6.66667	3.98750	0.000000E+00
679	8.00000	3.98750	0.000000E+00
680	10.0000	3.98750	0.000000E+00
681	12.0000	3.98750	0.000000E+00
682	13.3333	3.98750	0.000000E+00
683	14.6667	3.98750	0.000000E+00
684	16.0000	3.98750	0.000000E+00
685	17.3333	3.98750	-0.357931E-15
686	18.6667	3.98750	-0.930621E-15
687	20.0000	3.98750	-0.644276E-14
688	22.0000	3.98750	0.000000E+00
689	24.0000	3.98750	0.000000E+00
690	25.3333	3.98750	0.000000E+00
691	26.6667	3.98750	0.000000E+00
692	28.0000	3.98750	0.277556E-16
693	29.3333	3.98750	0.000000E+00
694	30.6667	3.98750	0.000000E+00
695	32.0000	3.98750	0.000000E+00
696	34.0000	3.98750	0.000000E+00
697	36.0000	3.98750	0.000000E+00
698	37.3333	3.98750	0.000000E+00
699	38.6667	3.98750	0.000000E+00
700	40.0000	3.98750	0.000000E+00
701	41.3333	3.98750	0.000000E+00
702	42.6667	3.98750	0.000000E+00

703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154043E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00
842	79.6667	7.26250	0.000000E+00
843	81.0000	7.26250	0.000000E+00

844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00
983	36.0000	11.2500	0.000000E+00
984	37.3333	11.2500	0.000000E+00

985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.625000	0.400000
1018	81.6750	5.625000	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00
1124	77.0000	3.35000	0.000000E+00
1125	78.3333	3.35000	0.000000E+00

1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750
1265	55.5000	2.35000	-1.49500
1266	55.5000	2.35000	-1.29750

1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000
1406	11.0000	2.35000	-0.352500
1407	11.0000	2.35000	-1.10000

1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500
1547	68.0000	2.35000	-1.10000
1548	68.0000	2.35000	-0.902500

1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7454	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	10.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES	=	1680
LARGEST NODE NUMBER	=	1680
DATA STORAGE LOCATIONS USED	=	11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
1	1ST NODE	=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
	ASY	=0.6300E-01	=1.241	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA	=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
	ASY	=0.6300E-01	EZ =1.241	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
	ASY	=0.7200E-01	EZ =1.325	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
	ASY	=0.7200E-01	EZ =1.325	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
3	1ST NODE	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
	ASY	=0.9000E-01	EZ =1.300	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
	ASY	=0.9000E-01	EZ =1.300	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
	ASY	=0.1260	EZ =1.150	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
	ASY	=0.1260	EZ =1.150	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
5	1ST NODE	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
	ASY	=0.1520E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
	ASY	=0.1520E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
6	1ST NODE	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
	ASY	=0.3325E-01	EZ =0.2000	EY =0.0000E+00	IYZ =0.1736E-19	
2ND NODE	AREA	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
	ASY	=0.3325E-01	EZ =0.2000	EY =0.0000E+00	IYZ =0.1736E-19	

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
7	1ST NODE	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
	ASY	=0.2424E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
	ASY	=0.2424E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
8	1ST NODE	=10.75	=1.579	=67.26	=5.419	=8.604
	ASY	=7.783	EZ =0.0000E+00	EY =0.0000E+00	IYZ =-0.2305E-11	
2ND NODE	AREA	=10.75	=1.579	=67.26	=5.419	=8.604
	ASY	=7.783	EZ =0.0000E+00	EY =0.0000E+00	IYZ =-0.2305E-11	

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
9	1ST NODE	=78.66	=312.1	=851.9	=777.5	=65.56
	ASY	=65.55	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA	=78.66	=312.1	=851.9	=777.5	=65.56
	ASY	=65.55	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
10	1ST NODE	=1.595	=0.1608	=0.2795	=0.3454	=1.329
	2ND NODE	=1.329	=0.0000E+00	=0.0000E+00	=0.0000E+00	=1.329
	1ST NODE	=1.595	=0.1608	=0.2795	=0.3454	
	2ND NODE	=1.329	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=1.000	=1.000
	2ND NODE	=1.000	=0.0000E+00	=0.0000E+00	=0.0000E+00	=1.000
	1ST NODE	=1.000	=1.000	=1.000	=1.000	
	2ND NODE	=1.000	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
12	1ST NODE	=0.1628E-01	=0.1869E-03	=0.1568E-03	=0.1843E-05	=0.4391E-02
	2ND NODE	=0.1628E-01	=0.1869E-03	=0.1568E-03	=0.1843E-05	=0.4391E-02
	1ST NODE	=0.1628E-01	=0.1869E-03	=0.1568E-03	=0.1843E-05	
	2ND NODE	=0.1628E-01	=0.1869E-03	=0.1568E-03	=0.1843E-05	

G E O M E T R I C P R O P E R T I E S

rigida_spalla
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
13	1ST NODE	=10.00	=10.00	=10.00	=10.00	=0.1000E+05
	2ND NODE	=0.1000E+05	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.1000E+05
	1ST NODE	=10.00	=10.00	=10.00	=10.00	
	2ND NODE	=0.1000E+05	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
14	1ST NODE	=242.8	=2105.	=0.1146E+05	=6148.	=202.3
	2ND NODE	=242.8	=0.0000E+00	=0.1146E+05	=6148.	=202.3
	1ST NODE	=242.8	=2105.	=0.1146E+05	=6148.	
	2ND NODE	=242.8	=0.0000E+00	=0.1146E+05	=6148.	

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
15	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
	2ND NODE	=5.693	=1.075	=-0.5375	=0.0000E+00	=5.704
	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	
	2ND NODE	=5.693	=1.075	=-0.5375	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
16	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
	2ND NODE	=5.693	=1.075	=0.5375	=0.0000E+00	=5.704
	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	
	2ND NODE	=5.693	=1.075	=0.5375	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
17	1ST NODE	=31.31	=19.73	=338.2	=66.91	=26.10
	2ND NODE	=26.09	=0.0000E+00	=-0.5375	=0.0000E+00	=26.10
	1ST NODE	=31.31	=19.73	=338.2	=66.91	
	2ND NODE	=26.09	=0.0000E+00	=-0.5375	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
18	1ST NODE	=31.31	=19.73	=338.2	=66.91	=26.10
	2ND NODE	=26.09	=0.0000E+00	=0.5375	=0.0000E+00	

677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	114
TOTAL NUMBER OF ELEMENTS	=	1087
LARGEST ELEMENT NUMBER	=	1091
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	20
DATA STORAGE LOCATIONS USED	=	3261

JOINT PROPERTIES

MATERIAL

Incastro									
11	KX	=	0.1000E+16	KY	=	0.1000E+16	KZ	=	0.1000E+16
				KTX	=	0.1000E+16	KTY	=	0.1000E+16
				KTZ	=	0.1000E+16			

JOINT PROPERTIES

MATERIAL

Isolatori spalla									
12	KX	=	0.1710E+07	KY	=	0.1710E+07	KZ	=	0.1454E+10
				KTX	=	1.000	KTY	=	1.000
				KTZ	=	1.000			

JOINT PROPERTIES

MATERIAL

Isolatori pile									
13	KX	=	0.2230E+07	KY	=	0.2230E+07	KZ	=	0.2186E+10
				KTX	=	1.000	KTY	=	1.000
				KTZ	=	1.000			

JOINT PROPERTIES

MATERIAL

giunti									
14	KX	=	1.000	KY	=	1.000	KZ	=	1.000
				KTX	=	1.000	KTY	=	1.000
				KTZ	=	1.000			

MATERIAL PROPERTIES MASS

MATERIAL

massa terreno spalla1									
15	MX	=	0.1241E+07	MY	=	0.1241E+07	MZ	=	0.1241E+07

MATERIAL PROPERTIES MASS

MATERIAL

massa terreno spalla2									
16	MX	=	0.1546E+07	MY	=	0.1546E+07	MZ	=	0.1546E+07

MATERIAL PROPERTIES

MATERIAL

Steel (elastic)									
2	E	=	0.2100E+12	NU	=	0.3000	RHO	=	7850.
	TEMP	=	0.0000E+00	ALPHA	=	0.1000E-04	ARAYL	=	0.0000E+00
				BRAYL	=	0.0000E+00			

MATERIAL PROPERTIES

MATERIAL

Concrete_long_term_Phase2b (elastic)									
24	E	=	0.1287E+11	NU	=	0.2000	RHO	=	2500.
	TEMP	=	0.0000E+00	ALPHA	=	0.1000E-04	ARAYL	=	0.0000E+00
				BRAYL	=	0.0000E+00			

MATERIAL PROPERTIES

MATERIAL

Concrete_short_term_Phase3 (elastic)									
3	E	=	0.3364E+11	NU	=	0.2000	RHO	=	2500.
	TEMP	=	0.0000E+00	ALPHA	=	0.1000E-04	ARAYL	=	0.0000E+00
				BRAYL	=	0.0000E+00			

MATERIAL PROPERTIES

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
 1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2b_Trans_Neg (elastic)
 25 E = 0.9603E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2b_Trans_Pos (elastic)
 26 E = 0.9603E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 684

M A T E R I A L A S S I G N M E N T S

FIRST SMEARED ELEMENT	LAST REINFORCEMENT ELEMENT	DIFF- ERENCE	MATERIAL SET	NSET	STRESS PLASTIC	POTENTIAL/ DATA SET	CREEP SET	DAMAGE SET	LusasM ID NO.	VISCOELASTIC SET	TWO PHASE MATERIAL SET	SHRINKAGE SET	KO SET	SET
1	2	1	11	0	0	0	0	0	17	0	0	0	0	0
3	6	1	10	0	0	0	0	0	25	0	0	0	0	0
7	0	0	3	0	0	0	0	0	5	0	0	0	0	0
8	0	0	9	0	0	0	0	0	24	0	0	0	0	0
9	10	1	10	0	0	0	0	0	25	0	0	0	0	0

20	22	2	1
25	26	1	1
29	30	1	1
35	36	1	1
39	40	1	1
43	44	1	1
48	49	1	1
52	54	1	1
66	73	7	1
120	122	2	1
176	178	2	1
258	260	2	1
445	447	2	1
497	499	2	1
1018	1020	2	1

TOTAL NUMBER OF TRANSFORMED FREEDOM SETS = 18
TOTAL NUMBER OF NODES = 39
LARGEST NODE NUMBER = 1020
LARGEST CARTESIAN SET NUMBER = 1
DATA STORAGE LOCATIONS USED = 819

S U P P O R T N O D E S

F = FREE
R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
S = SPRING

FIRST NODE	LAST NODE	DIFF RNCE	SUPPORT CONDITION	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE	SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE
2	0	0	R R R R R R	FREEDOM U	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
5	0	0	F F F F F F	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
6	13	7	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
60	0	0	F F F F F F	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
61	0	0	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
64	0	0	F F F F F F	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
65	500	435	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
558	958	400	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
1015	0	0	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

TOTAL NUMBER OF SUPPORT NODES = 9
LARGEST NODE NUMBER = 1015
DATA STORAGE LOCATIONS USED = 184

L O A D C A S E 5

Ritiro

TMPE LOAD INPUT

NUMBER OF VALUES = 8 START LOCATION = 1

ELEMENT	NODE	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6	VALUE 7
526	501	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
526	502	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
526	559	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
526	560	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
527	502	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
527	503	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
527	560	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
527	561	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
528	503	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
528	504	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
528	561	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
528	562	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
529	504	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
529	505	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
529	562	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
529	563	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
530	505	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
530	506	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
530	563	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
530	564	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
531	506	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
531	507	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
531	564	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
531	565	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
532	507	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
532	508	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
532	565	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
532	566	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
533	508	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
533	509	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
533	566	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
533	567	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
534	509	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
534	510	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
534	567	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

1080	1010	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1081	952	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1081	953	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1081	1010	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1081	1011	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1082	953	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1082	954	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1082	1011	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1082	1012	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1083	954	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1083	955	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1083	1012	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1083	1013	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1084	955	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1084	956	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1084	1013	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1084	1014	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1085	956	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1085	957	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1085	1014	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							
1085	1016	-27.1700	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00							

NUMBER OF LOADED NODES OR ELEMENTS = 1536
LARGEST NODE OR ELEMENT NUMBER = 1085

L O A D C A S E 6

Cedim_SpA

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

FIRST NODE	LAST NODE	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
61	0	0	0.000000E+00	0.000000E+00	-0.800000E-02	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 61

L O A D C A S E 7

Cedim_P1

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

FIRST NODE	LAST NODE	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
6	0	0	0.000000E+00	0.000000E+00	-0.810000E-02	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 6

L O A D C A S E 8

Cedim_SpB

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

FIRST NODE	LAST NODE	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
65	0	0	0.000000E+00	0.000000E+00	-0.820000E-02	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 65

DATA STORAGE LOCATIONS USED = 18479

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST ELT	LAST ELT	DIFF RNCE	OUTPUT CONTROL	AVERAGED NODAL VALUES GROUP	NODAL FORCE OUTPUT GROUP	HISTORY CONTROL	PLOT FILE CONTROL
1	1091	1	0	0	0	0	0
TOTAL NUMBER OF ELEMENT OUTPUT SETS				=	1		
TOTAL NUMBER OF ELEMENTS OUTPUT				=	1091		
LARGEST ELEMENT NUMBER INPUT				=	1091		
LARGEST ELEMENT OUTPUT CONTROL NUMBER				=	0		
DATA STORAGE LOCATIONS USED				=	4		

N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL	
1	1680	1	0	0	
TOTAL NUMBER OF NODE OUTPUT SETS				=	1
TOTAL NUMBER OF NODES OUTPUT				=	0
LARGEST NODE NUMBER INPUT				=	1680
LARGEST NODE OUTPUT CONTROL NUMBER				=	0
LARGEST NODE HISTORY CONTROL NUMBER				=	0
DATA STORAGE LOCATIONS USED				=	0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS	=	1091
TOTAL NUMBER OF CONSTRAINTS	=	0
TOTAL NUMBER OF NODES	=	1680
TOTAL NUMBER OF SUPPORT NODES	=	9
TOTAL NUMBER OF LOADING CASES	=	4
LOCATIONS USED DURING DATA PROCESSING	=	78697192
LOCATIONS AVAILABLE	=	98304000
TIME USED TO PROCESS INPUT DATA	=	0.54700 SEC.
TIME AT CENTRAL PROCESSOR = 10:12:02 ON 28/05/21 (DAY/MTH/YR)		
INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE	=	1987
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE	=	448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTPY PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)

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

MATERIAL SET	LENGTH M	GEOMETRIC SUMMARY AREA sq M	VOLUME cu M	ELEMENT MASS KG	X-COORD M	CENTRE OF GRAVITY Y-COORD M	Z-COORD M
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	57.3134	0.000000E+00	444.116	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	8.80000	0.000000E+00	189.358	473395.	40.0084	5.62500	-6.91155
9	4.00000	0.000000E+00	971.040	0.242760E+07	40.5000	11.8456	-7.00000
1	25.6000	0.000000E+00	488.189	0.124411E+07	47.8938	11.8363	-3.88972
16	0.000000E+00	0.000000E+00	0.000000E+00	0.154578E+07	85.5250	11.8362	-3.15000
5	48.0900	0.000000E+00	20.1130	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.000000E+00	0.000000E+00	0.000000E+00	0.124098E+07	-4.52500	11.8550	-2.45000
12	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	54.3600	0.000000E+00	0.884981	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	299.550	0.000000E+00	24.8142	194791.	40.4098	5.62500	-0.205657
14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
24	0.000000E+00	731.250	219.375	548437.	40.6231	5.62500	-0.534147E-16
25	0.000000E+00	22.5000	6.75000	16875.0	33.0000	5.62500	0.000000E+00
8	0.000000E+00	135.000	40.5000	101250.	40.0000	5.62500	0.000000E+00
26	0.000000E+00	22.5000	6.75000	16875.0	47.0000	5.62500	0.000000E+00
TOTALS FOR STRUCTURE	498.513	911.250	2411.89	0.781010E+07	43.4029	10.7672	-4.23221

MATERIAL SET	Ixx KG M **2	Iyy KG M **2	Izz KG M **2	Ixy KG M **2	Iyz KG M **2	Ixz KG M **2
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	0.391100E+08	0.794838E+09	0.785942E+09	-0.106536E+09	0.184044E+08	0.130886E+09
9	0.463208E+09	0.846868E+10	0.868675E+10	-0.116367E+10	0.201279E+09	0.760276E+09
1	0.244438E+09	0.491713E+10	0.511728E+10	-0.705265E+09	0.572784E+08	0.251181E+09
16	0.231897E+09	0.113220E+11	0.115232E+11	-0.156479E+10	0.576332E+08	0.416440E+09
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.181858E+09	0.328588E+08	0.199818E+09	0.665710E+08	0.360440E+08	-0.137578E+08
12	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	0.805250E+07	0.420141E+09	0.428105E+09	-0.442770E+08	225338.	0.161495E+07
14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
24	0.233533E+08	0.127599E+10	0.129935E+10	-0.125321E+09	0.816470E-10	0.830270E-09
25	718564.	0.183938E+08	0.191123E+08	-0.313242E+07	0.000000E+00	0.000000E+00
8	0.431138E+07	0.163257E+09	0.167569E+09	-0.227813E+08	0.000000E+00	0.000000E+00
26	718564.	0.372937E+08	0.380123E+08	-0.446133E+07	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.119766E+10	0.274506E+11	0.282652E+11	-0.367366E+10	0.370864E+09	0.154664E+10

MATERIAL SET	Ixx KG M **2	Iyy KG M **2	Izz KG M **2	Ixy KG M **2	Iyz KG M **2	Ixz KG M **2
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	0.151764E+07	0.144723E+08	0.132113E+08	-0.149012E-07	0.745058E-08	-17391.7
9	0.361734E+07	0.436786E+10	0.436424E+10	964971.	-15931.1	0.720512E+08
1	0.513188E+08	0.204455E+10	0.208922E+10	0.107288E-05	0.819564E-07	0.194120E+08
16	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

Table with 7 columns of numerical values representing structural data for various elements (12-26) and totals for structure.

Table titled 'MATERIAL SET' showing principal moments of inertia (I11, I22, I33) and principal directions for elements 11-26 and structure totals.

Table titled 'FORCE OUTPUT GROUP' showing resultant applied load at origin in global directions (Fx, Fy, Fz, Mx, My, Mz) for load cases 5, 6, 7, and 8.

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.000000E+00 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 481925
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
TOTAL NO. OF EQUATIONS = 6120
TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32
MAXIMUM SIZE OF ELEMENT DATA RECORDS = 52649
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 61219
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 14318
TOTAL SIZE OF ELEMENT DATA RECORDS = 1012942
TOTAL SIZE OF ELEMENT RESULT RECORDS = 1550004
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 190755

TIME FOR PRE-SOLUTION PROCESS = 0.62000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:12:02 ON 28/05/21 (DAY/MTH/YR)

SOLUTION BY FRONTAL SPARSE MATRIX TECHNIQUE

TIME FOR EQUATION REORDERING = 0.00 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 536109 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

Multifrontal statistics

Table of multifrontal statistics including counts for equations, nonzeros, workspace, and various matrix operations, along with timing information for different stages of the solution process.

```

computational rate (mflops) for solve = 294.474903

i/o statistics:  unit number      length      amount
                  -----      (Mbytes)    (Mbytes)
                  -----
                                31.           0.14      = 0.34
NUMBER OF POSITIVE EIGENVALUES          = 6066
NUMBER OF NEGATIVE EIGENVALUES          = 0
AMOUNT OF DISK SPACE USED                = 0.14 MB
DETERMINANT OF STIFFNESS MATRIX          = 1.998E+58173
SMALLEST PIVOT ENCOUNTERED WAS 645.932  AT NODE 528, FREEDOM 6
LARGEST PIVOT ENCOUNTERED WAS 0.573152E+19 AT NODE 3, FREEDOM 4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.97174E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.11515E-19
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.21956E-19
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.15421E-19

TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION = 0.63000E-01 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 578937
LOCATIONS AVAILABLE = 98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
ACTUAL TOTAL NO. FACES IN STRUCTURE = 448

TIME FOR POST-SOLUTION PROCESS = 0.26500 SEC.
TOTAL CPU TIME USED FOR SOLUTION = 0.93700 SEC.
TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 1 SECS
TIME AT CENTRAL PROCESSOR = 10:12:02 ON 28/05/21 (DAY/MTH/YR)
    
```

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	645	2787	1283	0	13.70312
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	64	107	28	0	0.3281250
PLOT	16384	4394	5238	484	0	13.35938
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 10:11:50 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 NLPZ 98304000
 NPGS 960
 MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 IDTIME 1

LL UU UU SSSSSS AAAA SSSSSS
 LL UU UU SS SS AA AA SS SS
 LL UU UU SS AA AA SS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SS AA AA SS
 LLLLLLLL UU UU SS SS AA AA SS SS
 LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
 Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
 Forge House,
 66 High Street,
 Kingston upon Thames,
 Surrey, KT1 1HN, UK
 www.lusas.com
 Sales Enquiries: Tel +44 (0)20 8541 1999
 Fax +44 (0)20 8549 9399
 Email: info@lusas.com
 Customer Support: Tel +44 (0)20 3325 0440
 Fax +44 (0)20 8549 9399
 Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021
 Using Sentinel license server.
 Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
 Element Library : Plus
 Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
 Input file :
 D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale~04 - Fase3.dat
 Number of processors available : 8
 Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:11:51 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C
 GRAVITY DIRECTION = Z ACCELERATION = -9.810
 O P T I O N (S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
 O P T I O N (S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
 O P T I O N (S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
 O P T I O N (S) 123 CLOCKWISE NODE NUMBERING
 O P T I O N (S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
 O P T I O N (S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
 O P T I O N (S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
 O P T I O N (S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
 O P T I O N (S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
 O P T I O N (S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
 O P T I O N (S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
 O P T I O N (S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
 O P T I O N (S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N (S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N (S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N (S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N (S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N (S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N (S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	2	3	1671	1672
2	6	5	1663	1664
11	13	12	1669	1670
63	61	60	1665	1666
64	65	64	1667	1668
82	95	96	1659	1660
83	117	118	1661	1662
84	75	123	1655	1656
85	85	124	1653	1654
86	97	125	1657	1658

87	107	126	1651	1652
524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
QTS4	ELEMENTS			
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
531	506	507	565	564
532	507	508	566	565
533	508	509	567	566
534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
547	522	523	581	580
548	523	524	582	581
549	524	525	583	582
550	525	526	584	583
551	526	527	585	584
552	527	528	586	585
553	528	529	587	586
554	529	530	588	587
555	530	531	589	588
556	531	532	590	589
557	532	533	591	590
558	533	534	592	591
559	534	535	593	592
560	535	536	594	593
561	536	537	595	594
562	537	538	596	595
563	538	539	597	596
564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
575	550	551	609	608
576	551	552	610	609
577	552	553	611	610
578	553	554	612	611
579	554	555	613	612
580	555	556	614	613
581	556	557	615	614
582	559	560	617	616
583	560	561	618	617
584	561	562	619	618
585	562	563	620	619
586	563	564	621	620
587	564	565	622	621
588	565	566	623	622
589	566	567	624	623
590	567	568	625	624
591	568	569	626	625
592	569	570	627	626
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842	766	767	824	823
843	767	768	825	824
844	768	769	826	825
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846	770	771	828	827
847	771	772	829	828

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857	781	782	839	838
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886	811	812	869	868
887	812	813	870	869
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905	830	831	888	887
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1019	889	890	947	946
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1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS		
PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS	END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED)	
BMI21	ELEMENTS		
3	1	7	1633
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5	7	9	1634
6	8	10	1638
7	5	18	1182
8	3	21	1643
9	9	15	1635
10	10	16	1639
12	11	17	1595
13	14	19	1591
14	15	20	1636
15	16	22	1640
16	20	21	1641
17	21	22	1642
18	17	23	1596
19	19	24	1592
20	20	25	1617
21	22	26	1625
22	12	33	1599
23	18	31	1179
24	23	27	1597
25	24	28	1593
26	25	29	1618
27	26	30	1626
28	27	32	1598
29	28	34	1594
30	29	35	1619
31	30	36	1627
32	33	32	1601
33	34	33	1600
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35	34	38	1574
36	35	39	1620
37	36	40	1628
38	21	54	1646
39	31	45	1180
40	37	41	1570
41	38	42	1575
42	39	43	1621
43	40	44	1629
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45	42	47	1576
46	43	48	1622
47	44	49	1630
48	33	74	1604
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53	45	62	1181
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56	51	70	1578
57	52	66	1624
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66	60	67	1189
67	68	62	1177
68	64	69	1185
69	70	71	1647
70	73	72	1648
71	75	55	1191
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73	95	57	1187
74	67	97	1190
75	107	68	1183
76	69	117	1186
77	58	119	1585
78	66	120	1605
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80	73	122	1611
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89	118	128	1235
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93	79	136	1247
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99	86	142	1479
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101	88	144	1499
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104	91	147	1271
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107	94	150	1559
108	98	151	1375
109	99	152	1199
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115	105	158	1211
116	106	159	1455
117	108	160	1475
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125	116	168	1555
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128	125	131	1195
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130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
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177	170	216	1257
178	171	217	1277
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181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
186	179	221	1377
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203	196	238	1557
204	197	239	1373
205	198	240	1197
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207	200	242	1201
208	201	243	1413
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211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
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219	212	254	1533
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221	214	256	1553
222	215	261	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398
231	224	265	1246

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233	226	267	1250
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235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
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245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
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253	246	353	1210
254	247	354	1454
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256	249	357	1218
257	250	358	1494
258	251	359	1222
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260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
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271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
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281	278	299	1529
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284	281	302	1173
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308	305	326	1139
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317	314	335	1471
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325	322	343	1551
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327	324	345	1136
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337	334	355	1156
338	335	356	1472
339	336	357	1160
340	337	358	1492
341	338	359	1164
342	339	360	1512
343	340	361	1168
344	341	362	1532
345	342	363	1172
346	343	364	1552
347	344	365	1176
348	262	366	1387
349	263	367	1331
350	264	368	1407
351	265	369	1335
352	266	370	1427
353	267	371	1339
354	268	372	1447
355	269	373	1343
356	270	374	1467
357	272	375	1487
358	273	376	1351
359	274	377	1507
360	275	378	1355
361	276	379	1527
362	277	380	1359
363	278	381	1547
364	279	382	1363
365	280	383	1567
366	346	384	1383
367	347	385	1287
368	348	386	1403
369	349	387	1291
370	350	388	1423
371	351	389	1295
372	352	390	1443

373	353	391	1299
374	354	392	1463
375	356	393	1483
376	357	394	1307
377	358	395	1503
378	359	396	1311
379	360	397	1523
380	361	398	1315
381	362	399	1543
382	363	400	1319
383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
397	369	411	1336
398	370	412	1428
399	371	413	1340
400	372	414	1448
401	373	415	1344
402	374	416	1468
403	375	417	1488
404	376	418	1352
405	377	419	1508
406	378	420	1356
407	379	421	1528
408	380	422	1360
409	381	423	1548
410	382	424	1364
411	383	425	1568
412	384	426	1384
413	385	427	1288
414	386	428	1404
415	387	429	1292
416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
427	399	441	1544
428	400	442	1320
429	401	443	1564
430	402	448	1328
431	403	449	1348
432	404	450	1368
433	405	451	1284
434	406	452	1304
435	407	453	1324
436	408	454	1385
437	409	455	1329
438	410	456	1405
439	411	457	1333
440	412	458	1425
441	413	459	1337
442	414	460	1445
443	415	461	1341
444	416	462	1465
445	417	463	1485
446	418	464	1349
447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
468	440	486	1313
469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
485	457	627	1334
486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310
513	485	885	1522

514	486	888	1314
515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS = 1091
 LARGEST ELEMENT NUMBER = 1091
 LARGEST NODE NUMBER = 1680

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.62500	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750
137	20.0000	2.35000	-1.89750

138	24.0000	2.35000	-1.89750
139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.00000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.00000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.00000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.00000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.00000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000
278	69.0000	2.35000	-1.10000

279	73.0000	2.35000	-1.10000
280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	4.00000	2.35000	-0.775000
404	8.00000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	4.00000	8.90000	-0.775000
407	8.00000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000
419	52.2500	2.35000	-0.705000

420	56.5000	2.35000	-0.705000
421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00
560	1.33333	0.750000	0.000000E+00

561	2.66667	0.750000	0.000000E+00
562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.35000	0.000000E+00
617	1.33333	2.35000	0.000000E+00
618	2.66667	2.35000	0.000000E+00
619	4.00000	2.35000	0.000000E+00
620	5.33333	2.35000	0.000000E+00
621	6.66667	2.35000	0.000000E+00
622	8.00000	2.35000	0.000000E+00
623	10.0000	2.35000	0.000000E+00
624	12.0000	2.35000	0.000000E+00
625	13.3333	2.35000	0.000000E+00
626	14.6667	2.35000	0.000000E+00
627	16.0000	2.35000	0.000000E+00
628	17.3333	2.35000	0.000000E+00
629	18.6667	2.35000	0.000000E+00
630	20.0000	2.35000	0.000000E+00
631	22.0000	2.35000	0.000000E+00
632	24.0000	2.35000	0.000000E+00
633	25.3333	2.35000	0.000000E+00
634	26.6667	2.35000	0.000000E+00
635	28.0000	2.35000	0.000000E+00
636	29.3333	2.35000	0.000000E+00
637	30.6667	2.35000	0.000000E+00
638	32.0000	2.35000	0.000000E+00
639	34.0000	2.35000	0.000000E+00
640	36.0000	2.35000	0.000000E+00
641	37.3333	2.35000	0.000000E+00
642	38.6667	2.35000	0.000000E+00
643	40.0000	2.35000	0.000000E+00
644	41.3333	2.35000	0.000000E+00
645	42.6667	2.35000	0.000000E+00
646	44.0000	2.35000	0.000000E+00
647	46.0000	2.35000	0.000000E+00
648	48.0000	2.35000	0.000000E+00
649	49.4167	2.35000	0.000000E+00
650	50.8333	2.35000	0.000000E+00
651	52.2500	2.35000	0.000000E+00
652	53.6667	2.35000	0.000000E+00
653	55.0833	2.35000	0.000000E+00
654	56.5000	2.35000	0.000000E+00
655	58.0000	2.35000	0.000000E+00
656	59.3750	2.35000	0.000000E+00
657	60.7500	2.35000	0.000000E+00
658	62.1667	2.35000	0.000000E+00
659	63.5833	2.35000	0.000000E+00
660	65.0000	2.35000	0.000000E+00
661	66.3333	2.35000	0.000000E+00
662	67.6667	2.35000	0.000000E+00
663	69.0000	2.35000	0.000000E+00
664	70.0000	2.35000	0.000000E+00
665	71.5000	2.35000	0.000000E+00
666	73.0000	2.35000	0.000000E+00
667	74.3333	2.35000	0.000000E+00
668	75.6667	2.35000	0.000000E+00
669	77.0000	2.35000	0.000000E+00
670	78.3333	2.35000	0.000000E+00
671	79.6667	2.35000	0.000000E+00
672	81.0000	2.35000	0.000000E+00
673	0.000000E+00	3.98750	0.000000E+00
674	1.33333	3.98750	0.000000E+00
675	2.66667	3.98750	0.000000E+00
676	4.00000	3.98750	-0.111022E-15
677	5.33333	3.98750	0.000000E+00
678	6.66667	3.98750	0.000000E+00
679	8.00000	3.98750	0.000000E+00
680	10.0000	3.98750	0.000000E+00
681	12.0000	3.98750	0.000000E+00
682	13.3333	3.98750	0.000000E+00
683	14.6667	3.98750	0.000000E+00
684	16.0000	3.98750	0.000000E+00
685	17.3333	3.98750	-0.357931E-15
686	18.6667	3.98750	-0.930621E-15
687	20.0000	3.98750	-0.644276E-14
688	22.0000	3.98750	0.000000E+00
689	24.0000	3.98750	0.000000E+00
690	25.3333	3.98750	0.000000E+00
691	26.6667	3.98750	0.000000E+00
692	28.0000	3.98750	0.277556E-16
693	29.3333	3.98750	0.000000E+00
694	30.6667	3.98750	0.000000E+00
695	32.0000	3.98750	0.000000E+00
696	34.0000	3.98750	0.000000E+00
697	36.0000	3.98750	0.000000E+00
698	37.3333	3.98750	0.000000E+00
699	38.6667	3.98750	0.000000E+00
700	40.0000	3.98750	0.000000E+00
701	41.3333	3.98750	0.000000E+00

702	42.6667	3.98750	0.000000E+00
703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154043E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00
842	79.6667	7.26250	0.000000E+00

843	81.0000	7.26250	0.000000E+00
844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00
983	36.0000	11.2500	0.000000E+00

984	37.3333	11.2500	0.000000E+00
985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.62500	0.400000
1018	81.6750	5.62500	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00
1124	77.0000	3.35000	0.000000E+00

1125	78.3333	3.35000	0.000000E+00
1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750
1265	55.5000	2.35000	-1.49500

1266	55.5000	2.35000	-1.29750
1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000
1406	11.0000	2.35000	-0.352500

1407	11.0000	2.35000	-1.10000
1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500
1547	68.0000	2.35000	-1.10000

1548	68.0000	2.35000	-0.902500
1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7454	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	11.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES = 1680
LARGEST NODE NUMBER = 1680
DATA STORAGE LOCATIONS USED = 11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
1	1ST NODE	=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
	2ND NODE	=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	=0.4460E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
		ASY	EZ	EY	IYZ	
		=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
	2ND NODE	=0.9000E-01	=1.325	=0.0000E+00	=0.0000E+00	=0.3996E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
		ASY	EZ	EY	IYZ	
		=0.7200E-01	=1.325	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
3	1ST NODE	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
	2ND NODE	=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	=0.3960E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
		ASY	EZ	EY	IYZ	
		=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
	2ND NODE	=0.1260	=1.150	=0.0000E+00	=0.0000E+00	=0.4320E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
		ASY	EZ	EY	IYZ	
		=0.1260	=1.150	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
5	1ST NODE	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
	2ND NODE	=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.1160E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
		ASY	EZ	EY	IYZ	
		=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
6	1ST NODE	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
	2ND NODE	=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	=0.2812E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
		ASY	EZ	EY	IYZ	
		=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
7	1ST NODE	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
	2ND NODE	=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.3686E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
		ASY	EZ	EY	IYZ	
		=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
8	1ST NODE	=10.75	=1.579	=67.26	=5.419	=8.604
	2ND NODE	=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	=8.604
		AREA	IYY	IZZ	KT	ASZ
		=10.75	=1.579	=67.26	=5.419	=8.604
		ASY	EZ	EY	IYZ	
		=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
9	1ST NODE	=78.66	=312.1	=851.9	=777.5	=65.56
	2ND NODE	=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	=65.56
		AREA	IYY	IZZ	KT	ASZ
		=78.66	=312.1	=851.9	=777.5	=65.56
		ASY	EZ	EY	IYZ	
		=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
10	1ST NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329
	2ND NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329

G E O M E T R I C P R O P E R T I E S

Offset

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000
	2ND NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
12	1ST NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02
	2ND NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02

G E O M E T R I C P R O P E R T I E S

rigida_spalla

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
13	1ST NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05
	2ND NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
14	1ST NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3
	2ND NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
15	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
16	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
17	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10
	2ND NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
18	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=0.5375	=66.91	=0.0000E+00	=26.10

2ND NODE ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00
 AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

S=0.3m
 PROPERTY

20 QTS4 = ELEMENTS T1 = 0.3000 T2 = 0.3000 T3 = 0.3000 T4 = 0.3000
 EZ = -0.1500

GEOMETRIC PROPERTIES

Ecc0
 PROPERTY

19 JSH4 ELEMENTS
 ECCENTRICITY = 0.0000E+00
 DATA STORAGE LOCATIONS USED = 1002

GEOMETRIC ASSIGNMENTS

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	GEOMETRIC SET	LUSASM ID NO.
2	0	0	19	21
3	6	1	13	23
7	0	0	9	18
8	0	0	14	24
9	10	1	13	23
12	19	1	13	23
20	0	0	17	27
21	0	0	18	28
22	0	0	14	24
23	0	0	8	17
24	25	1	13	23
26	0	0	17	27
27	0	0	18	28
28	29	1	13	23
30	0	0	17	27
31	0	0	18	28
32	33	1	13	23
34	0	0	18	28
35	36	1	17	27
37	0	0	18	28
38	0	0	13	23
39	0	0	8	17
40	0	0	18	28
41	42	1	17	27
43	44	1	18	28
45	46	1	17	27
47	0	0	18	28
48	0	0	13	23
49	0	0	18	28
50	51	1	17	27
52	0	0	18	28
53	0	0	8	17
55	0	0	18	28
56	57	1	17	27
58	0	0	18	28
59	61	1	11	20
62	0	0	13	23
63	64	1	19	21
65	0	0	13	23
66	68	1	11	20
69	70	1	13	23
71	76	1	10	19
77	0	0	16	26
78	79	1	15	25
80	0	0	16	26
82	87	1	19	21
88	89	1	6	15
90	125	1	12	22
126	129	1	6	15
130	0	0	16	26
131	132	1	15	25
133	0	0	16	26
134	139	1	6	15
140	175	1	12	22
176	181	1	6	15
182	0	0	16	26
183	184	1	15	25
185	0	0	16	26
186	221	1	12	22
222	227	1	6	15
228	263	1	12	22
264	0	0	7	16
265	273	1	5	14
274	0	0	7	16
275	283	1	5	14
284	285	1	7	16
286	294	1	5	14
295	0	0	7	16
296	304	1	5	14
305	306	1	7	16
307	315	1	5	14
316	0	0	7	16
317	325	1	5	14
326	327	1	7	16
328	336	1	5	14
337	0	0	7	16
338	346	1	5	14
347	0	0	7	16
348	383	1	12	22
384	389	1	6	15
390	0	0	16	26
391	392	1	15	25
393	0	0	16	26
394	429	1	12	22
430	435	1	6	15
436	471	1	12	22
472	0	0	16	26
473	474	1	15	25
475	0	0	16	26
476	481	1	6	15
482	517	1	12	22
518	523	1	6	15
524	525	1	19	21
526	637	1	20	13
638	644	1	1	9
645	652	1	2	10
653	660	1	3	11
661	668	1	4	12

669	676	1	3	11
677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 114
 TOTAL NUMBER OF ELEMENTS = 1087
 LARGEST ELEMENT NUMBER = 1091
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 20
 DATA STORAGE LOCATIONS USED = 3261

J O I N T P R O P E R T I E S

MATERIAL

Incastro
 11 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.1000E+16 KTY = 0.1000E+16 KTZ = 0.1000E+16

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla
 12 KX = 0.1710E+07 KY = 0.1710E+07 KZ = 0.1454E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile
 13 KX = 0.2230E+07 KY = 0.2230E+07 KZ = 0.2186E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

giunti
 14 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla1
 15 MX = 0.1241E+07 MY = 0.1241E+07 MZ = 0.1241E+07

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla2
 16 MX = 0.1546E+07 MY = 0.1546E+07 MZ = 0.1546E+07

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
 2 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
 3 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
 1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 606

M A T E R I A L A S S I G N M E N T S

FIRST SMEARED ELEMENT	LAST REINFORCEMENT ELEMENT	DIFF-ERENCE	MATERIAL SET	NSET	STRESS PLASTIC	POTENTIAL DATA SET	CREEP SET	DAMAGE SET	LusasM ID NO.	VISCOELASTIC SET	TWO PHASE MATERIAL SET	SHRINKAGE SET	KO SET	SET
1	2	1	11	0	0	0	0	0	17	0	0	0	0	0
3	6	1	10	0	0	0	0	0	25	0	0	0	0	0
7	0	0	3	0	0	0	0	0	5	0	0	0	0	0
8	0	0	9	0	0	0	0	0	24	0	0	0	0	0
9	10	1	10	0	0	0	0	0	25	0	0	0	0	0
11	0	0	11	0	0	0	0	0	17	0	0	0	0	0
12	19	1	10	0	0	0	0	0	25	0	0	0	0	0
20	21	1	1	0	0	0	0	0	6	0	0	0	0	0
22	0	0	9	0	0	0	0	0	24	0	0	0	0	0
23	0	0	3	0	0	0	0	0	5	0	0	0	0	0
24	25	1	10	0	0	0	0	0	25	0	0	0	0	0
26	27	1	1	0	0	0	0	0	6	0	0	0	0	0
28	29	1	10	0	0	0	0	0	25	0	0	0	0	0
30	31	1	1	0	0	0	0	0	6	0	0	0	0	0
32	33	1	10	0	0	0	0	0	25	0	0	0	0	0
34	37	1	1	0	0	0	0	0	6	0	0	0	0	0
38	0	0	10	0	0	0	0	0	25	0	0	0	0	0
39	0	0	3	0	0	0	0	0	5	0	0	0	0	0
40	47	1	1	0	0	0	0	0	6	0	0	0	0	0
48	0	0	10	0	0	0	0	0	25	0	0	0	0	0
49	52	1	1	0	0	0	0	0	6	0	0	0	0	0
53	0	0	3	0	0	0	0	0	5	0	0	0	0	0
54	0	0	16	0	0	0	0	0	26	0	0	0	0	0
55	58	1	1	0	0	0	0	0	6	0	0	0	0	0
59	61	1	5	0	0	0	0	0	15	0	0	0	0	0
62	0	0	10	0	0	0	0	0	25	0	0	0	0	0
63	64	1	11	0	0	0	0	0	17	0	0	0	0	0
65	0	0	10	0	0	0	0	0	25	0	0	0	0	0
66	68	1	5	0	0	0	0	0	15	0	0	0	0	0
69	70	1	10	0	0	0	0	0	25	0	0	0	0	0
71	76	1	3	0	0	0	0	0	5	0	0	0	0	0
77	80	1	1	0	0	0	0	0	6	0	0	0	0	0
81	0	0	15	0	0	0	0	0	23	0	0	0	0	0
82	84	1	12	0	0	0	0	0	27	0	0	0	0	0
85	0	0	13	0	0	0	0	0	29	0	0	0	0	0
86	0	0	12	0	0	0	0	0	27	0	0	0	0	0
87	0	0	13	0	0	0	0	0	29	0	0	0	0	0
88	89	1	10	0	0	0	0	0	25	0	0	0	0	0
90	125	1	4	0	0	0	0	0	14	0	0	0	0	0
126	129	1	10	0	0	0	0	0	25	0	0	0	0	0
130	133	1	1	0	0	0	0	0	6	0	0	0	0	0
134	139	1	10	0	0	0	0	0	25	0	0	0	0	0
140	175	1	4	0	0	0	0	0	14	0	0	0	0	0

1082	954	0.000000E+00	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1082	1011	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1082	1012	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1083	954	0.000000E+00	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1083	955	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1083	1012	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1083	1013	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1084	955	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1084	956	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1084	1013	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1084	1014	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1085	956	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1085	957	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1085	1014	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00
1085	1016	-16.9615	0.000000E+00	0.000000E+00	-6.92333	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 2016
 LARGEST NODE OR ELEMENT NUMBER = 1085

DATA STORAGE LOCATIONS USED = 97981

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST ELT	LAST ELT	DIFF RNCE	OUTPUT CONTROL	AVERAGED NODAL VALUES GROUP	NODAL FORCE OUTPUT GROUP	HISTORY CONTROL	PLOT FILE CONTROL
1	1091	1	0	0	0	0	0
TOTAL NUMBER OF ELEMENT OUTPUT SETS				=	1		
TOTAL NUMBER OF ELEMENTS OUTPUT				=	1091		
LARGEST ELEMENT NUMBER INPUT				=	1091		
LARGEST ELEMENT OUTPUT CONTROL NUMBER				=	0		
DATA STORAGE LOCATIONS USED				=	4		

N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL	
1	1680	1	0	0	
TOTAL NUMBER OF NODE OUTPUT SETS				=	1
TOTAL NUMBER OF NODES OUTPUT				=	0
LARGEST NODE NUMBER INPUT				=	1680
LARGEST NODE OUTPUT CONTROL NUMBER				=	0
LARGEST NODE HISTORY CONTROL NUMBER				=	0
DATA STORAGE LOCATIONS USED				=	0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1091
 TOTAL NUMBER OF CONSTRAINTS = 0
 TOTAL NUMBER OF NODES = 1680
 TOTAL NUMBER OF SUPPORT NODES = 9
 TOTAL NUMBER OF LOADING CASES = 5
 LOCATIONS USED DURING DATA PROCESSING = 78776735
 LOCATIONS AVAILABLE = 98304000
 TIME USED TO PROCESS INPUT DATA = 1.5620 SEC.
 TIME AT CENTRAL PROCESSOR = 10:11:53 ON 28/05/21 (DAY/MTH/YR)
 INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1987
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)

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

MATERIAL SET	LENGTH M	GEOMETRIC SUMMARY AREA sq M	VOLUME cu M	ELEMENT MASS KG	X-COORD M	CENTRE OF GRAVITY Y-COORD M	Z-COORD M
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	57.3134	0.000000E+00	444.116	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	8.80000	731.250	408.733	0.102183E+07	40.3383	5.62500	-3.20199
9	4.00000	0.000000E+00	971.040	0.242760E+07	40.5000	11.8456	-7.00000
1	25.6000	0.000000E+00	488.189	0.124411E+07	47.8938	11.8363	-3.88972
16	0.000000E+00	0.000000E+00	0.000000E+00	0.154578E+07	85.5250	11.8362	-3.15000
5	48.0900	0.000000E+00	20.1130	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.000000E+00	0.000000E+00	0.000000E+00	0.124098E+07	-4.52500	11.8550	-2.45000
12	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	54.3600	0.000000E+00	0.884981	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	299.550	0.000000E+00	24.8142	194791.	40.4098	5.62500	-0.205657

Table with 8 columns of numerical data representing structural properties or results for various elements.

MATERIAL SET MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0) - Table with 7 columns of inertia values (Ixx, Iyy, Izz, Ixy, Iyz, Ixz) for material sets 11-16.

MATERIAL SET MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS - Table with 7 columns of inertia values for material sets 11-16.

MATERIAL SET PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES - Table with 3 columns of principal moments (I1, I2, I3) and 3 columns of principal directions for material sets 11-16.

FORCE OUTPUT GROUP RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS - Table with 7 columns of force components (Fx, Fy, Fz, Mx, My, Mz) for load cases 9-13.

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.16000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 487976
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
TOTAL NO. OF EQUATIONS = 6120
TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 63257
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 76451
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 17090
TOTAL SIZE OF ELEMENT DATA RECORDS = 1221834
TOTAL SIZE OF ELEMENT RESULT RECORDS = 1935489
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 196875

TIME FOR PRE-SOLUTION PROCESS = 0.78000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:11:53 ON 28/05/21 (DAY/MTH/YR)

S O L U T I O N B Y F R O N T A L S P A R S E M A T R I X T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.02 SEC.
 IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 536109 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

=====

= Multifrontal statistics =

=====

number of equations = 6066
 no. of nonzeros in lower triangle of a = 100701
 number of compressed nodes = 1011
 no. of compressed nonzeros in l. tri. = 2376
 amount of workspace currently in use = 472706
 max. amt. of workspace used = 98104545
 no. of nonzeros in the factor l = 286893.
 number of super nodes = 534
 number of compressed subscripts = 17178
 size of stack storage = 29322
 maximum order of a front matrix = 174
 maximum size of a front matrix = 15225
 maximum size of a front trapezoid = 13620
 no. of floating point ops for factor = 2.5393D+07
 no. of floating point ops for solve = 1.1779D+06
 actual no. of nonzeros in the factor l = 286893.
 actual number of compressed subscripts = 17178
 actual size of stack storage used = 50034
 near zero pivot monitoring activated
 number of pivots adjusted = 0.
 negative pivot monitoring activated
 number of negative pivots encountered = 0.
 factorization panel size = 128
 factorization update panel size = 32
 solution block size = 8
 time (in seconds) for structure input = 0.000000
 time (in seconds) for ordering = 0.015000
 time (in seconds) for symbolic factor = 0.000000
 time (in seconds) for value input = 0.016000
 number of cpus used for factor & solve = 2
 time (in seconds) for numeric factor = 0.016000
 computational rate (mflops) for factor = 1587.078846
 condition number estimate = 1.2487D+16

i/o statistics: unit number length amount
 ----- (Mbytes) (Mbytes)

31. 0.14 = 0.34
 NUMBER OF POSITIVE EIGENVALUES = 6066
 NUMBER OF NEGATIVE EIGENVALUES = 0
 AMOUNT OF DISK SPACE USED = 0.14 MB
 DETERMINANT OF STIFFNESS MATRIX = 7.424E+59113
 SMALLEST PIVOT ENCOUNTERED WAS 645.966 AT NODE 528, FREEDOM 6
 LARGEST PIVOT ENCOUNTERED WAS 0.573152E+19 AT NODE 3, FREEDOM 4
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.16908E-20
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.19263E-20
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.20048E-20
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.17822E-20
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.26840E-20

TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION = 0.47000E-01 SEC.
 TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 641749
 LOCATIONS AVAILABLE = 98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 448

TIME FOR POST-SOLUTION PROCESS = 0.34300 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 2.0300 SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 2 SECS

TIME AT CENTRAL PROCESSOR = 10:11:53 ON 28/05/21 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	645	3136	1471	0	16.54688
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	64	120	49	0	0.4375000
PLOT	16384	5488	6544	673	0	16.67188
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 10:12:03 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 NLPZ 98304000
 NPGS 960
 MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 IDTIME 1

LL UU UU SSSSSS AAAA SSSSSS
 LL UU UU SS SS AA AA SS SS
 LL UU UU SS AA AA SS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SS AA AA SS
 LLLLLLLL UU UU SS SS AA AA SS SS
 LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
 Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
 Forge House,
 66 High Street,
 Kingston upon Thames,
 Surrey, KT1 1HN, UK
 www.lusas.com
 Sales Enquiries: Tel +44 (0)20 8541 1999
 Fax +44 (0)20 8549 9399
 Email: info@lusas.com
 Customer Support: Tel +44 (0)20 3325 0440
 Fax +44 (0)20 8549 9399
 Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021
 Using Sentinel license server.
 Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
 Element Library : Plus
 Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
 Input file :
 D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale~05 -
 Fase3_Altro.dat
 Number of processors available : 8
 Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:12:04 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810
 O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
 O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
 O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
 O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
 O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
 O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
 O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
 O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
 O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
 O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
 O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
 O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
 O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	2	3	1671	1672
2	6	5	1663	1664
11	13	12	1669	1670
63	61	60	1665	1666
64	65	64	1667	1668
82	95	96	1659	1660
83	117	118	1661	1662
84	75	123	1655	1656
85	85	124	1653	1654

86	97	125	1657	1658
87	107	126	1651	1652
524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
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QTS4	ELEMENTS			
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
531	506	507	565	564
532	507	508	566	565
533	508	509	567	566
534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
547	522	523	581	580
548	523	524	582	581
549	524	525	583	582
550	525	526	584	583
551	526	527	585	584
552	527	528	586	585
553	528	529	587	586
554	529	530	588	587
555	530	531	589	588
556	531	532	590	589
557	532	533	591	590
558	533	534	592	591
559	534	535	593	592
560	535	536	594	593
561	536	537	595	594
562	537	538	596	595
563	538	539	597	596
564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
575	550	551	609	608
576	551	552	610	609
577	552	553	611	610
578	553	554	612	611
579	554	555	613	612
580	555	556	614	613
581	556	557	615	614
582	559	560	617	616
583	560	561	618	617
584	561	562	619	618
585	562	563	620	619
586	563	564	621	620
587	564	565	622	621
588	565	566	623	622
589	566	567	624	623
590	567	568	625	624
591	568	569	626	625
592	569	570	627	626
593	570	571	628	627
594	571	572	629	628
595	572	573	630	629
596	573	574	631	630
597	574	575	632	631
598	575	576	633	632
599	576	577	634	633
600	577	578	635	634
601	578	579	636	635
602	579	580	637	636
603	580	581	638	637
604	581	582	639	638
605	582	583	640	639
606	583	584	641	640
607	584	585	642	641
608	585	586	643	642
609	586	587	644	643
610	587	588	645	644
611	588	589	646	645
612	589	590	647	646
613	590	591	648	647
614	591	592	649	648
615	592	593	650	649
616	593	594	651	650
617	594	595	652	651
618	595	596	653	652
619	596	597	654	653
620	597	598	655	654
621	598	599	656	655
622	599	600	657	656
623	600	601	658	657
624	601	602	659	658
625	602	603	660	659
626	603	604	661	660
627	604	605	662	661
628	605	606	663	662
629	606	607	664	663
630	607	608	665	664
631	608	609	666	665
632	609	610	667	666
633	610	611	668	667
634	611	612	669	668
635	612	613	670	669
636	613	614	671	670
637	614	615	672	671
638	615	616	673	672
639	616	617	674	673
640	617	618	675	674
641	618	619	676	675
642	619	620	677	676
643	620	621	678	677
644	621	622	679	678
645	622	623	680	679
646	623	624	681	680
647	624	625	682	681
648	625	626	683	682
649	626	627	684	683
650	627	628	685	684

706	628	629	686	685
707	629	630	687	686
708	630	631	688	687
709	631	632	689	688
710	632	633	690	689
711	633	634	691	690
712	634	635	692	691
713	635	636	693	692
714	636	637	694	693
715	637	638	695	694
716	638	639	696	695
717	639	640	697	696
718	640	641	698	697
719	641	642	699	698
720	642	643	700	699
721	643	644	701	700
722	644	645	702	701
723	645	646	703	702
724	646	647	704	703
725	647	648	705	704
726	648	649	706	705
727	649	650	707	706
728	650	651	708	707
729	651	652	709	708
730	652	653	710	709
731	653	654	711	710
732	654	655	712	711
733	655	656	713	712
734	656	657	714	713
735	657	658	715	714
736	658	659	716	715
737	659	660	717	716
738	660	661	718	717
739	661	662	719	718
740	662	663	720	719
741	663	664	721	720
742	664	665	722	721
743	665	666	723	722
744	666	667	724	723
745	667	668	725	724
746	668	669	726	725
747	669	670	727	726
748	670	671	728	727
749	671	672	729	728
750	672	673	730	729
751	673	674	731	730
752	674	675	732	731
753	675	676	733	732
754	676	677	734	733
755	677	678	735	734
756	678	679	736	735
757	679	680	737	736
758	680	681	738	737
759	681	682	739	738
760	682	683	740	739
761	683	684	741	740
762	684	685	742	741
763	685	686	743	742
764	686	687	744	743
765	687	688	745	744
766	688	689	746	745
767	689	690	747	746
768	690	691	748	747
769	691	692	749	748
770	692	693	750	749
771	693	694	751	750
772	694	695	752	751
773	695	696	753	752
774	696	697	754	753
775	697	698	755	754
776	698	699	756	755
777	699	700	757	756
778	700	701	758	757
779	701	702	759	758
780	702	703	760	759
781	703	704	761	760
782	704	705	762	761
783	705	706	763	762
784	706	707	764	763
785	707	708	765	764
786	708	709	766	765
787	709	710	767	766
788	710	711	768	767
789	711	712	769	768
790	712	713	770	769
791	713	714	771	770
792	714	715	772	771
793	715	716	773	772
794	716	717	774	773
795	717	718	775	774
796	718	719	776	775
797	719	720	777	776
798	720	721	778	777
799	721	722	779	778
800	722	723	780	779
801	723	724	781	780
802	724	725	782	781
803	725	726	783	782
804	726	727	784	783
805	727	728	785	784
806	728	729	786	785
807	729	730	787	786
808	730	731	788	787
809	731	732	789	788
810	732	733	790	789
811	733	734	791	790
812	734	735	792	791
813	735	736	793	792
814	736	737	794	793
815	737	738	795	794
816	738	739	796	795
817	739	740	797	796
818	740	741	798	797
819	741	742	799	798
820	742	743	800	799
821	743	744	801	800
822	744	745	802	801
823	745	746	803	802
824	746	747	804	803
825	747	748	805	804
826	748	749	806	805
827	749	750	807	806
828	750	751	808	807
829	751	752	809	808
830	752	753	810	809
831	753	754	811	810
832	754	755	812	811
833	755	756	813	812
834	756	757	814	813
835	757	758	815	814
836	758	759	816	815
837	759	760	817	816
838	760	761	818	817
839	761	762	819	818
840	762	763	820	819
841	763	764	821	820
842	764	765	822	821
843	765	766	823	822
844	766	767	824	823
845	767	768	825	824
846	768	769	826	825
	769	770	827	826
	770	771	828	827

847	771	772	829	828
848	772	773	830	829
849	773	774	831	830
850	774	775	832	831
851	775	776	833	832
852	776	777	834	833
853	777	778	835	834
854	778	779	836	835
855	779	780	837	836
856	780	781	838	837
857	781	782	839	838
858	782	783	840	839
859	783	784	841	840
860	784	785	842	841
861	785	786	843	842
862	787	788	845	844
863	788	789	846	845
864	789	790	847	846
865	790	791	848	847
866	791	792	849	848
867	792	793	850	849
868	793	794	851	850
869	794	795	852	851
870	795	796	853	852
871	796	797	854	853
872	797	798	855	854
873	798	799	856	855
874	799	800	857	856
875	800	801	858	857
876	801	802	859	858
877	802	803	860	859
878	803	804	861	860
879	804	805	862	861
880	805	806	863	862
881	806	807	864	863
882	807	808	865	864
883	808	809	866	865
884	809	810	867	866
885	810	811	868	867
886	811	812	869	868
887	812	813	870	869
888	813	814	871	870
889	814	815	872	871
890	815	816	873	872
891	816	817	874	873
892	817	818	875	874
893	818	819	876	875
894	819	820	877	876
895	820	821	878	877
896	821	822	879	878
897	822	823	880	879
898	823	824	881	880
899	824	825	882	881
900	825	826	883	882
901	826	827	884	883
902	827	828	885	884
903	828	829	886	885
904	829	830	887	886
905	830	831	888	887
906	831	832	889	888
907	832	833	890	889
908	833	834	891	890
909	834	835	892	891
910	835	836	893	892
911	836	837	894	893
912	837	838	895	894
913	838	839	896	895
914	839	840	897	896
915	840	841	898	897
916	841	842	899	898
917	842	843	900	899
974	844	845	902	901
975	845	846	903	902
976	846	847	904	903
977	847	848	905	904
978	848	849	906	905
979	849	850	907	906
980	850	851	908	907
981	851	852	909	908
982	852	853	910	909
983	853	854	911	910
984	854	855	912	911
985	855	856	913	912
986	856	857	914	913
987	857	858	915	914
988	858	859	916	915
989	859	860	917	916
990	860	861	918	917
991	861	862	919	918
992	862	863	920	919
993	863	864	921	920
994	864	865	922	921
995	865	866	923	922
996	866	867	924	923
997	867	868	925	924
998	868	869	926	925
999	869	870	927	926
1000	870	871	928	927
1001	871	872	929	928
1002	872	873	930	929
1003	873	874	931	930
1004	874	875	932	931
1005	875	876	933	932
1006	876	877	934	933
1007	877	878	935	934
1008	878	879	936	935
1009	879	880	937	936
1010	880	881	938	937
1011	881	882	939	938
1012	882	883	940	939
1013	883	884	941	940
1014	884	885	942	941
1015	885	886	943	942
1016	886	887	944	943
1017	887	888	945	944
1018	888	889	946	945
1019	889	890	947	946
1020	890	891	948	947
1021	891	892	949	948
1022	892	893	950	949
1023	893	894	951	950
1024	894	895	952	951
1025	895	896	953	952
1026	896	897	954	953
1027	897	898	955	954
1028	898	899	956	955
1029	899	900	957	956
1030	901	902	960	959
1031	902	903	961	960
1032	903	904	962	961
1033	904	905	963	962
1034	905	906	964	963
1035	906	907	965	964
1036	907	908	966	965
1037	908	909	967	966
1038	909	910	968	967
1039	910	911	969	968
1040	911	912	970	969
1041	912	913	971	970
1042	913	914	972	971
1043	914	915	973	972

1044	915	916	974	973
1045	916	917	975	974
1046	917	918	976	975
1047	918	919	977	976
1048	919	920	978	977
1049	920	921	979	978
1050	921	922	980	979
1051	922	923	981	980
1052	923	924	982	981
1053	924	925	983	982
1054	925	926	984	983
1055	926	927	985	984
1056	927	928	986	985
1057	928	929	987	986
1058	929	930	988	987
1059	930	931	989	988
1060	931	932	990	989
1061	932	933	991	990
1062	933	934	992	991
1063	934	935	993	992
1064	935	936	994	993
1065	936	937	995	994
1066	937	938	996	995
1067	938	939	997	996
1068	939	940	998	997
1069	940	941	999	998
1070	941	942	1000	999
1071	942	943	1001	1000
1072	943	944	1002	1001
1073	944	945	1003	1002
1074	945	946	1004	1003
1075	946	947	1005	1004
1076	947	948	1006	1005
1077	948	949	1007	1006
1078	949	950	1008	1007
1079	950	951	1009	1008
1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS		
PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS	END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED)
BMI21	ELEMENTS	
3	1	7 1633
4	4	8 1637
5	7	9 1634
6	8	10 1638
7	18	5 1182
8	3	21 1643
9	9	15 1635
10	10	16 1639
12	11	17 1595
13	14	19 1591
14	15	20 1636
15	16	22 1640
16	20	21 1641
17	21	22 1642
18	17	23 1596
19	19	24 1592
20	20	25 1617
21	22	26 1625
22	12	33 1599
23	18	31 1179
24	23	27 1597
25	24	28 1593
26	25	29 1618
27	26	30 1626
28	27	32 1598
29	28	34 1594
30	29	35 1619
31	30	36 1627
32	33	32 1601
33	34	33 1600
34	32	37 1569
35	34	38 1574
36	35	39 1620
37	36	40 1628
38	21	54 1646
39	31	45 1180
40	37	41 1570
41	38	42 1575
42	39	43 1621
43	40	44 1629
44	41	46 1571
45	42	47 1576
46	43	48 1622
47	44	49 1630
48	33	74 1604
49	46	50 1572
50	47	51 1577
51	48	52 1623
52	49	53 1631
53	45	62 1181
55	50	58 1573
56	51	70 1578
57	52	66 1624
58	53	73 1632
59	55	60 1192
60	62	56 1178
61	57	64 1188
62	58	59 1649
65	66	63 1650
66	60	67 1189
67	68	62 1177
68	64	69 1185
69	70	71 1647
70	73	72 1648
71	75	55 1191
72	85	56 1184
73	95	57 1187
74	67	97 1190
75	107	68 1183
76	69	117 1186
77	58	119 1585
78	66	120 1605
79	70	121 1579
80	73	122 1611
88	96	127 1279
89	118	128 1235

90	76	133	1379
91	77	134	1243
92	78	135	1399
93	79	136	1247
94	80	137	1419
95	81	138	1251
96	82	139	1439
97	83	140	1255
98	84	141	1459
99	86	142	1479
100	87	143	1263
101	88	144	1499
102	89	145	1267
103	90	146	1519
104	91	147	1271
105	92	148	1539
106	93	149	1275
107	94	150	1559
108	98	151	1375
109	99	152	1199
110	100	153	1395
111	101	154	1203
112	102	155	1415
113	103	156	1207
114	104	157	1435
115	105	158	1211
116	106	159	1455
117	108	160	1475
118	109	161	1219
119	110	162	1495
120	111	163	1223
121	112	164	1515
122	113	165	1227
123	114	166	1535
124	115	167	1231
125	116	168	1555
126	123	129	1239
127	124	130	1259
128	125	131	1195
129	126	132	1215
130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
161	154	200	1204
162	155	201	1416
163	156	202	1208
164	157	203	1436
165	158	204	1212
166	159	205	1456
167	160	206	1476
168	161	207	1220
169	162	208	1496
170	163	209	1224
171	164	210	1516
172	165	211	1228
173	166	212	1536
174	167	213	1232
175	168	214	1556
176	169	215	1237
177	170	216	1257
178	171	217	1277
179	172	218	1193
180	173	219	1213
181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
186	179	221	1377
187	180	222	1241
188	181	223	1397
189	182	224	1245
190	183	225	1417
191	184	226	1249
192	185	227	1437
193	186	228	1253
194	187	229	1457
195	188	230	1477
196	189	231	1261
197	190	232	1497
198	191	233	1265
199	192	234	1517
200	193	235	1269
201	194	236	1537
202	195	237	1273
203	196	238	1557
204	197	239	1373
205	198	240	1197
206	199	241	1393
207	200	242	1201
208	201	243	1413
209	202	244	1205
210	203	245	1433
211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
218	211	253	1225
219	212	254	1533
220	213	255	1229
221	214	256	1553
222	215	261	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398

231	224	265	1246
232	225	266	1418
233	226	267	1250
234	227	268	1438
235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
242	235	277	1270
243	236	278	1538
244	237	279	1274
245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
249	242	349	1202
250	243	350	1414
251	244	351	1206
252	245	352	1434
253	246	353	1210
254	247	354	1454
255	248	356	1474
256	249	357	1218
257	250	358	1494
258	251	359	1222
259	252	360	1514
260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
270	267	288	1145
271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
275	272	293	1469
276	273	294	1157
277	274	295	1489
278	275	296	1161
279	276	297	1509
280	277	298	1165
281	278	299	1529
282	279	300	1169
283	280	301	1549
284	281	302	1173
285	282	303	1134
286	283	304	1370
287	284	305	1138
288	285	306	1390
289	286	307	1142
290	287	308	1410
291	288	309	1146
292	289	310	1430
293	290	311	1150
294	291	312	1450
295	292	313	1154
296	293	314	1470
297	294	315	1158
298	295	316	1490
299	296	317	1162
300	297	318	1510
301	298	319	1166
302	299	320	1530
303	300	321	1170
304	301	322	1550
305	302	323	1174
306	303	324	1135
307	304	325	1371
308	305	326	1139
309	306	327	1391
310	307	328	1143
311	308	329	1411
312	309	330	1147
313	310	331	1431
314	311	332	1151
315	312	333	1451
316	313	334	1155
317	314	335	1471
318	315	336	1159
319	316	337	1491
320	317	338	1163
321	318	339	1511
322	319	340	1167
323	320	341	1531
324	321	342	1171
325	322	343	1551
326	323	344	1175
327	324	345	1136
328	325	346	1372
329	326	347	1140
330	327	348	1392
331	328	349	1144
332	329	350	1412
333	330	351	1148
334	331	352	1432
335	332	353	1152
336	333	354	1452
337	334	355	1156
338	335	356	1472
339	336	357	1160
340	337	358	1492
341	338	359	1164
342	339	360	1512
343	340	361	1168
344	341	362	1532
345	342	363	1172
346	343	364	1552
347	344	365	1176
348	262	366	1387
349	263	367	1331
350	264	368	1407
351	265	369	1335
352	266	370	1427
353	267	371	1339
354	268	372	1447
355	269	373	1343
356	270	374	1467
357	272	375	1487
358	273	376	1351
359	274	377	1507
360	275	378	1355
361	276	379	1527
362	277	380	1359
363	278	381	1547
364	279	382	1363
365	280	383	1567
366	346	384	1383
367	347	385	1287
368	348	386	1403
369	349	387	1291
370	350	388	1423
371	351	389	1295

372	352	390	1443
373	353	391	1299
374	354	392	1463
375	356	393	1483
376	357	394	1307
377	358	395	1503
378	359	396	1311
379	360	397	1523
380	361	398	1315
381	362	399	1543
382	363	400	1319
383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
397	369	411	1336
398	370	412	1428
399	371	413	1340
400	372	414	1448
401	373	415	1344
402	374	416	1468
403	375	417	1488
404	376	418	1352
405	377	419	1508
406	378	420	1356
407	379	421	1528
408	380	422	1360
409	381	423	1548
410	382	424	1364
411	383	425	1568
412	384	426	1384
413	385	427	1288
414	386	428	1404
415	387	429	1292
416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
427	399	441	1544
428	400	442	1320
429	401	443	1564
430	402	448	1328
431	403	449	1348
432	404	450	1368
433	405	451	1284
434	406	452	1304
435	407	453	1324
436	408	454	1385
437	409	455	1329
438	410	456	1405
439	411	457	1333
440	412	458	1425
441	413	459	1337
442	414	460	1445
443	415	461	1341
444	416	462	1465
445	417	463	1485
446	418	464	1349
447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
468	440	486	1313
469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
485	457	627	1334
486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310

513	485	885	1522
514	486	888	1314
515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS = 1091
LARGEST ELEMENT NUMBER = 1091
LARGEST NODE NUMBER = 1680

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.625000	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750

137	20.0000	2.35000	-1.89750
138	24.0000	2.35000	-1.89750
139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.00000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.00000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.00000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.00000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.00000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000

278	69.0000	2.35000	-1.10000
279	73.0000	2.35000	-1.10000
280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	40.0000	2.35000	-0.775000
404	81.0000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	40.0000	8.90000	-0.775000
407	81.0000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000

419	52.2500	2.35000	-0.705000
420	56.5000	2.35000	-0.705000
421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00

560	1.33333	0.750000	0.000000E+00
561	2.66667	0.750000	0.000000E+00
562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.35000	0.000000E+00
617	1.33333	2.35000	0.000000E+00
618	2.66667	2.35000	0.000000E+00
619	4.00000	2.35000	0.000000E+00
620	5.33333	2.35000	0.000000E+00
621	6.66667	2.35000	0.000000E+00
622	8.00000	2.35000	0.000000E+00
623	10.0000	2.35000	0.000000E+00
624	12.0000	2.35000	0.000000E+00
625	13.3333	2.35000	0.000000E+00
626	14.6667	2.35000	0.000000E+00
627	16.0000	2.35000	0.000000E+00
628	17.3333	2.35000	0.000000E+00
629	18.6667	2.35000	0.000000E+00
630	20.0000	2.35000	0.000000E+00
631	22.0000	2.35000	0.000000E+00
632	24.0000	2.35000	0.000000E+00
633	25.3333	2.35000	0.000000E+00
634	26.6667	2.35000	0.000000E+00
635	28.0000	2.35000	0.000000E+00
636	29.3333	2.35000	0.000000E+00
637	30.6667	2.35000	0.000000E+00
638	32.0000	2.35000	0.000000E+00
639	34.0000	2.35000	0.000000E+00
640	36.0000	2.35000	0.000000E+00
641	37.3333	2.35000	0.000000E+00
642	38.6667	2.35000	0.000000E+00
643	40.0000	2.35000	0.000000E+00
644	41.3333	2.35000	0.000000E+00
645	42.6667	2.35000	0.000000E+00
646	44.0000	2.35000	0.000000E+00
647	46.0000	2.35000	0.000000E+00
648	48.0000	2.35000	0.000000E+00
649	49.4167	2.35000	0.000000E+00
650	50.8333	2.35000	0.000000E+00
651	52.2500	2.35000	0.000000E+00
652	53.6667	2.35000	0.000000E+00
653	55.0833	2.35000	0.000000E+00
654	56.5000	2.35000	0.000000E+00
655	58.0000	2.35000	0.000000E+00
656	59.3750	2.35000	0.000000E+00
657	60.7500	2.35000	0.000000E+00
658	62.1667	2.35000	0.000000E+00
659	63.5833	2.35000	0.000000E+00
660	65.0000	2.35000	0.000000E+00
661	66.3333	2.35000	0.000000E+00
662	67.6667	2.35000	0.000000E+00
663	69.0000	2.35000	0.000000E+00
664	70.0000	2.35000	0.000000E+00
665	71.5000	2.35000	0.000000E+00
666	73.0000	2.35000	0.000000E+00
667	74.3333	2.35000	0.000000E+00
668	75.6667	2.35000	0.000000E+00
669	77.0000	2.35000	0.000000E+00
670	78.3333	2.35000	0.000000E+00
671	79.6667	2.35000	0.000000E+00
672	81.0000	2.35000	0.000000E+00
673	0.000000E+00	3.98750	0.000000E+00
674	1.33333	3.98750	0.000000E+00
675	2.66667	3.98750	0.000000E+00
676	4.00000	3.98750	-0.111022E-15
677	5.33333	3.98750	0.000000E+00
678	6.66667	3.98750	0.000000E+00
679	8.00000	3.98750	0.000000E+00
680	10.0000	3.98750	0.000000E+00
681	12.0000	3.98750	0.000000E+00
682	13.3333	3.98750	0.000000E+00
683	14.6667	3.98750	0.000000E+00
684	16.0000	3.98750	0.000000E+00
685	17.3333	3.98750	-0.357931E-15
686	18.6667	3.98750	-0.930621E-15
687	20.0000	3.98750	-0.644276E-14
688	22.0000	3.98750	0.000000E+00
689	24.0000	3.98750	0.000000E+00
690	25.3333	3.98750	0.000000E+00
691	26.6667	3.98750	0.000000E+00
692	28.0000	3.98750	0.277556E-16
693	29.3333	3.98750	0.000000E+00
694	30.6667	3.98750	0.000000E+00
695	32.0000	3.98750	0.000000E+00
696	34.0000	3.98750	0.000000E+00
697	36.0000	3.98750	0.000000E+00
698	37.3333	3.98750	0.000000E+00
699	38.6667	3.98750	0.000000E+00
700	40.0000	3.98750	0.000000E+00

701	41.3333	3.98750	0.000000E+00
702	42.6667	3.98750	0.000000E+00
703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154943E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00

842	79.6667	7.26250	0.000000E+00
843	81.0000	7.26250	0.000000E+00
844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00

983	36.0000	11.2500	0.000000E+00
984	37.3333	11.2500	0.000000E+00
985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.62500	0.400000
1018	81.6750	5.62500	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00

1124	77.0000	3.35000	0.000000E+00
1125	78.3333	3.35000	0.000000E+00
1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750

1265	55.5000	2.35000	-1.49500
1266	55.5000	2.35000	-1.29750
1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000

1406	11.0000	2.35000	-0.352500
1407	11.0000	2.35000	-1.10000
1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500

1547	68.0000	2.35000	-1.10000
1548	68.0000	2.35000	-0.902500
1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7484	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	10.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES	=	1680
LARGEST NODE NUMBER	=	1680
DATA STORAGE LOCATIONS USED	=	11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
1	1ST NODE	AREA	=0.1076	IYY	=0.9835E-01	IZZ	=0.4254E-02	KT	=0.3325E-04	ASZ	=0.4460E-01
		ASY	=0.6300E-01	EZ	=1.241	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1076	IYY	=0.9835E-01	IZZ	=0.4254E-02	KT	=0.3325E-04	ASZ	=0.4460E-01	
		ASY	=0.6300E-01	EZ	=1.241	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
2	1ST NODE	AREA	=0.1120	IYY	=0.1047	IZZ	=0.4861E-02	KT	=0.4992E-04	ASZ	=0.3996E-01
		ASY	=0.7200E-01	EZ	=1.325	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1120	IYY	=0.1047	IZZ	=0.4861E-02	KT	=0.4992E-04	ASZ	=0.3996E-01	
		ASY	=0.7200E-01	EZ	=1.325	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
3	1ST NODE	AREA	=0.1296	IYY	=0.1268	IZZ	=0.6076E-02	KT	=0.8828E-04	ASZ	=0.3960E-01
		ASY	=0.9000E-01	EZ	=1.300	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1296	IYY	=0.1268	IZZ	=0.6076E-02	KT	=0.8828E-04	ASZ	=0.3960E-01	
		ASY	=0.9000E-01	EZ	=1.300	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
4	1ST NODE	AREA	=0.1692	IYY	=0.1735	IZZ	=0.8506E-02	KT	=0.2116E-03	ASZ	=0.4320E-01
		ASY	=0.1260	EZ	=1.150	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1692	IYY	=0.1735	IZZ	=0.8506E-02	KT	=0.2116E-03	ASZ	=0.4320E-01	
		ASY	=0.1260	EZ	=1.150	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
5	1ST NODE	AREA	=0.2858E-01	IYY	=0.3034E-02	IZZ	=0.1264E-03	KT	=0.6186E-05	ASZ	=0.1160E-01
		ASY	=0.1520E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.2858E-01	IYY	=0.3034E-02	IZZ	=0.1264E-03	KT	=0.6186E-05	ASZ	=0.1160E-01	
		ASY	=0.1520E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
6	1ST NODE	AREA	=0.7558E-01	IYY	=0.7584E-02	IZZ	=0.1330E-02	KT	=0.3328E-04	ASZ	=0.2812E-01
		ASY	=0.3325E-01	EZ	=0.2000	EY	=0.0000E+00	IYZ	=-0.1736E-19		
2ND NODE	AREA	=0.7558E-01	IYY	=0.7584E-02	IZZ	=0.1330E-02	KT	=0.3328E-04	ASZ	=0.2812E-01	
		ASY	=0.3325E-01	EZ	=0.2000	EY	=0.0000E+00	IYZ	=-0.1736E-19		

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
7	1ST NODE	AREA	=0.6460E-01	IYY	=0.1566E-01	IZZ	=0.2886E-03	KT	=0.2565E-04	ASZ	=0.3686E-01
		ASY	=0.2424E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.6460E-01	IYY	=0.1566E-01	IZZ	=0.2886E-03	KT	=0.2565E-04	ASZ	=0.3686E-01	
		ASY	=0.2424E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
8	1ST NODE	AREA	=10.75	IYY	=1.579	IZZ	=67.26	KT	=5.419	ASZ	=8.604
		ASY	=7.783	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=-0.2305E-11		
2ND NODE	AREA	=10.75	IYY	=1.579	IZZ	=67.26	KT	=5.419	ASZ	=8.604	
		ASY	=7.783	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=-0.2305E-11		

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
9	1ST NODE	AREA	=78.66	IYY	=312.1	IZZ	=851.9	KT	=777.5	ASZ	=65.56
		ASY	=65.55	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=78.66	IYY	=312.1	IZZ	=851.9	KT	=777.5	ASZ	=65.56	

ASY =65.55 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
10	1ST NODE	=1.595	=0.1608	=0.2795	=0.3454	=1.329
		ASY =1.329	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.595	IYY =0.1608	IZZ =0.2795	KT =0.3454	ASZ =1.329
		ASY =1.329	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=1.000	=1.000
		ASY =1.000	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.000	IYY =1.000	IZZ =1.000	KT =1.000	ASZ =1.000
		ASY =1.000	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
12	1ST NODE	=0.1628E-01	=0.1869E-03	=0.1568E-03	=0.1843E-05	=0.4391E-02
		ASY =0.7966E-02	EZ =0.8800E-01	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =0.1628E-01	IYY =0.1869E-03	IZZ =0.1568E-03	KT =0.1843E-05	ASZ =0.4391E-02
		ASY =0.7966E-02	EZ =0.8800E-01	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

rigida_spalla
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
13	1ST NODE	=10.00	=10.00	=10.00	=10.00	=0.1000E+05
		ASY =0.1000E+05	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =10.00	IYY =10.00	IZZ =10.00	KT =10.00	ASZ =0.1000E+05
		ASY =0.1000E+05	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
14	1ST NODE	=242.8	=2105.	=0.1146E+05	=6148.	=202.3
		ASY =202.3	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =242.8	IYY =2105.	IZZ =0.1146E+05	KT =6148.	ASZ =202.3
		ASY =202.3	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
15	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
		ASY =5.693	EZ =1.075	EY =-0.5375	IYZ =0.0000E+00	
	2ND NODE	AREA =6.831	IYY =0.2049	IZZ =73.79	KT =0.7925	ASZ =5.704
		ASY =5.693	EZ =1.075	EY =-0.5375	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
16	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
		ASY =5.693	EZ =1.075	EY =0.5375	IYZ =0.0000E+00	
	2ND NODE	AREA =6.831	IYY =0.2049	IZZ =73.79	KT =0.7925	ASZ =5.704
		ASY =5.693	EZ =1.075	EY =0.5375	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
17	1ST NODE	=31.31	=19.73	=338.2	=66.91	=26.10
		ASY =26.09	EZ =0.0000E+00	EY =-0.5375	IYZ =0.0000E+00	
	2ND NODE	AREA =31.31	IYY =19.73	IZZ =338.2	KT =66.91	ASZ =26.10
		ASY =26.09	EZ =0.0000E+00	EY =-0.5375	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)
PROPERTY

BMI21 ELEMENTS

18 1ST NODE AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00
 2ND NODE AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

S=0.3m
 PROPERTY

QTS4 ELEMENTS
 20 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3 = 0.3000 T4 = 0.3000

GEOMETRIC PROPERTIES

Ecc0
 PROPERTY

JSH4 ELEMENTS
 19 ECCENTRICITY = 0.0000E+00
 DATA STORAGE LOCATIONS USED = 1002

GEOMETRIC ASSIGNMENTS

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	GEOMETRIC SET	LUSASM ID NO.
2	0	0	19	21
3	6	1	13	23
7	0	0	9	18
8	0	0	14	24
9	10	1	13	23
12	19	1	13	23
20	0	0	17	27
21	0	0	18	28
22	0	0	14	24
23	0	0	8	17
24	25	1	13	23
26	0	0	17	27
27	0	0	18	28
28	29	1	13	23
30	0	0	17	27
31	0	0	18	28
32	33	1	13	23
34	0	0	18	28
35	36	1	17	27
37	0	0	18	28
38	0	0	13	23
39	0	0	8	17
40	0	0	18	28
41	42	1	17	27
43	44	1	18	28
45	46	1	17	27
47	0	0	18	28
48	0	0	13	23
49	0	0	18	28
50	51	1	17	27
52	0	0	18	28
53	0	0	8	17
55	0	0	18	28
56	57	1	17	27
58	0	0	18	28
59	61	1	11	20
62	0	0	13	23
63	64	1	19	21
65	0	0	13	23
66	68	1	11	20
69	70	1	13	23
71	76	1	10	19
77	0	0	16	26
78	79	1	15	25
80	0	0	16	26
82	87	1	19	21
88	89	1	6	15
90	125	1	12	22
126	129	1	6	15
130	0	0	16	26
131	132	1	15	25
133	0	0	16	26
134	139	1	6	15
140	175	1	12	22
176	181	1	6	15
182	0	0	16	26
183	184	1	15	25
185	0	0	16	26
186	221	1	12	22
222	227	1	6	15
228	263	1	12	22
264	0	0	7	16
265	273	1	5	14
274	0	0	7	16
275	283	1	5	14
284	285	1	7	16
286	294	1	5	14
295	0	0	7	16
296	304	1	5	14
305	306	1	7	16
307	315	1	5	14
316	0	0	7	16
317	325	1	5	14
326	327	1	7	16
328	336	1	5	14
337	0	0	7	16
338	346	1	5	14
347	0	0	7	16
348	383	1	12	22
384	389	1	6	15
390	0	0	16	26
391	392	1	15	25
393	0	0	16	26
394	429	1	12	22
430	435	1	6	15
436	471	1	12	22
472	0	0	16	26
473	474	1	15	25
475	0	0	16	26
476	481	1	6	15
482	517	1	12	22
518	523	1	6	15
524	525	1	19	21
526	637	1	20	13
638	644	1	1	9
645	652	1	2	10
653	660	1	3	11

661	668	1	4	12
669	676	1	3	11
677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 114
 TOTAL NUMBER OF ELEMENTS = 1087
 LARGEST ELEMENT NUMBER = 1091
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 20
 DATA STORAGE LOCATIONS USED = 3261

J O I N T P R O P E R T I E S

MATERIAL

Incastro
 11 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.1000E+16 KTY = 0.1000E+16 KTZ = 0.1000E+16

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla
 12 KX = 0.1710E+07 KY = 0.1710E+07 KZ = 0.1454E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile
 13 KX = 0.2230E+07 KY = 0.2230E+07 KZ = 0.2186E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

giunti
 14 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla1
 15 MX = 0.1241E+07 MY = 0.1241E+07 MZ = 0.1241E+07

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla2
 16 MX = 0.1546E+07 MY = 0.1546E+07 MZ = 0.1546E+07

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
 2 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
 3 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
 1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 606

M A T E R I A L A S S I G N M E N T S

FIRST ELEMENT	LAST ELEMENT	DIFF- REINFORCEMENT ERENCE	MATERIAL SET	NSET	STRESS PLASTIC	POTENTIAL/ DATA SET	CREEP SET	DAMAGE SET	LusasM ID NO.	VISCOELASTIC SET	TWO PHASE MATERIAL SET	SHRINKAGE SET	KO SET	SET
1	2	1	11	0	0	0	0	0	17	0	0	0	0	0
3	6	1	10	0	0	0	0	0	25	0	0	0	0	0
7	0	0	3	0	0	0	0	0	5	0	0	0	0	0
8	0	0	9	0	0	0	0	0	24	0	0	0	0	0
9	10	1	10	0	0	0	0	0	25	0	0	0	0	0
11	0	0	11	0	0	0	0	0	17	0	0	0	0	0
12	19	1	10	0	0	0	0	0	25	0	0	0	0	0
20	21	1	1	0	0	0	0	0	6	0	0	0	0	0
22	0	0	9	0	0	0	0	0	24	0	0	0	0	0
23	0	0	3	0	0	0	0	0	5	0	0	0	0	0
24	25	1	10	0	0	0	0	0	25	0	0	0	0	0
26	27	1	1	0	0	0	0	0	6	0	0	0	0	0
28	29	1	10	0	0	0	0	0	25	0	0	0	0	0
30	31	1	1	0	0	0	0	0	6	0	0	0	0	0
32	33	1	10	0	0	0	0	0	25	0	0	0	0	0
34	37	1	1	0	0	0	0	0	6	0	0	0	0	0
38	0	0	10	0	0	0	0	0	25	0	0	0	0	0
39	0	0	3	0	0	0	0	0	5	0	0	0	0	0
40	47	1	1	0	0	0	0	0	6	0	0	0	0	0
48	0	0	10	0	0	0	0	0	25	0	0	0	0	0
49	52	1	1	0	0	0	0	0	6	0	0	0	0	0
53	0	0	3	0	0	0	0	0	5	0	0	0	0	0
54	0	0	16	0	0	0	0	0	26	0	0	0	0	0
55	58	1	1	0	0	0	0	0	6	0	0	0	0	0
59	61	1	5	0	0	0	0	0	15	0	0	0	0	0
62	0	0	10	0	0	0	0	0	25	0	0	0	0	0
63	64	1	11	0	0	0	0	0	17	0	0	0	0	0
65	0	0	10	0	0	0	0	0	25	0	0	0	0	0
66	68	1	5	0	0	0	0	0	15	0	0	0	0	0
69	70	1	10	0	0	0	0	0	25	0	0	0	0	0
71	76	1	3	0	0	0	0	0	5	0	0	0	0	0
77	80	1	1	0	0	0	0	0	6	0	0	0	0	0
81	0	0	15	0	0	0	0	0	23	0	0	0	0	0
82	84	1	12	0	0	0	0	0	27	0	0	0	0	0
85	0	0	13	0	0	0	0	0	29	0	0	0	0	0
86	0	0	12	0	0	0	0	0	27	0	0	0	0	0
87	0	0	13	0	0	0	0	0	29	0	0	0	0	0
88	89	1	10	0	0	0	0	0	25	0	0	0	0	0
90	125	1	4	0	0	0	0	0	14	0	0	0	0	0
126	129	1	10	0	0	0	0	0	25	0	0	0	0	0
130	133	1	1	0	0	0	0	0	6	0	0	0	0	0
134	139	1	10	0	0	0	0	0	25	0	0	0	0	0

965	0	0	31	0.0000E+00	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
				1.000	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
966	967	1	31	0.0000E+00	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
				1.500	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
968	969	1	31	0.0000E+00	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
				1.333	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
970	0	0	31	0.0000E+00	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
				1.333	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
971	0	0	31	0.0000E+00	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
				1.333	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
972	0	0	31	0.0000E+00	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
				1.333	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
973	0	0	31	0.0000E+00	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
				1.333	3572.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 112
 LARGEST NODE OR ELEMENT NUMBER = 973

DATA STORAGE LOCATIONS USED = 1157

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST ELT	LAST ELT	DIFF RNCE	OUTPUT CONTROL	AVERAGED NODAL VALUES GROUP	NODAL FORCE OUTPUT GROUP	HISTORY CONTROL	PLOT FILE CONTROL
-----------	----------	-----------	----------------	-----------------------------	--------------------------	-----------------	-------------------

1 1091 1 0 0 0 0 0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
 TOTAL NUMBER OF ELEMENTS OUTPUT = 1091
 LARGEST ELEMENT NUMBER INPUT = 1091
 LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL
------------	-----------	-----------	----------------	-----------------

1 1680 1 0 0

TOTAL NUMBER OF NODE OUTPUT SETS = 1
 TOTAL NUMBER OF NODES OUTPUT = 0
 LARGEST NODE NUMBER INPUT = 1680
 LARGEST NODE OUTPUT CONTROL NUMBER = 0
 LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1091
 TOTAL NUMBER OF CONSTRAINTS = 0
 TOTAL NUMBER OF NODES = 1680
 TOTAL NUMBER OF SUPPORT NODES = 9
 TOTAL NUMBER OF LOADING CASES = 1

LOCATIONS USED DURING DATA PROCESSING = 78679715
 LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 0.32800 SEC.

TIME AT CENTRAL PROCESSOR = 10:12:05 ON 28/05/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1987
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)

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

MATERIAL SET	GEOMETRIC SUMMARY			ELEMENT MASS KG	CENTRE OF GRAVITY		
	LENGTH M	AREA sq M	VOLUME cu M		X-COORD M	Y-COORD M	Z-COORD M
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	57.3134	0.000000E+00	444.116	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	8.80000	731.250	408.733	0.102183E+07	40.3383	5.62500	-3.20199
9	4.00000	0.000000E+00	971.040	0.242760E+07	40.5000	11.8456	-7.00000
1	25.6000	0.000000E+00	488.189	0.124411E+07	47.8938	11.8363	-3.88972
16	0.000000E+00	0.000000E+00	0.000000E+00	0.154578E+07	85.5250	11.8362	-3.15000
5	48.0900	0.000000E+00	20.1130	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.000000E+00	0.000000E+00	0.000000E+00	0.124098E+07	-4.52500	11.8550	-2.45000
12	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	54.3600	0.000000E+00	0.884981	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	299.550	0.000000E+00	24.8142	194791.	40.4098	5.62500	-0.205657
14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
6	0.000000E+00	22.5000	6.75000	16875.0	33.0000	5.62500	0.000000E+00
8	0.000000E+00	135.000	40.5000	101250.	40.0000	5.62500	0.000000E+00
7	0.000000E+00	22.5000	6.75000	16875.0	47.0000	5.62500	0.000000E+00
TOTALS FOR STRUCTURE	498.513	911.250	2411.89	0.781010E+07	43.4029	10.7672	-4.23221

MATERIAL SET	MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0)					
	Ixx KG M **2	Iyy KG M **2	Izz KG M **2	Ixy KG M **2	Iyz KG M **2	Ixz KG M **2
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	0.624634E+08	0.207083E+10	0.208529E+10	-0.231857E+09	0.184044E+08	0.130886E+09
9	0.463208E+09	0.846868E+10	0.868675E+10	-0.116367E+10	0.201279E+08	0.760276E+09
1	0.244438E+09	0.491713E+10	0.511728E+10	-0.705265E+09	0.572784E+08	0.251181E+09

Table with 7 columns: Node ID, X, Y, Z, X, Y, Z. Rows include nodes 16, 5, 15, 12, 13, 4, 2, 14, 6, 8, 7 and summary rows for TOTALS FOR STRUCTURE.

Table with 7 columns: MATERIAL SET, Ixx, Iyy, Izz, Ixy, Iyz, Ixz. Rows include nodes 11, 10, 3, 9, 1, 16, 5, 15, 12, 13, 4, 2, 14, 6, 8, 7 and summary rows for TOTALS FOR STRUCTURE.

Table with 7 columns: MATERIAL SET, I11, I22, I33, Principal Directions. Rows include nodes 11, 10, 3, 9, 1, 16, 5, 15, 12, 13, 4, 2, 14, 6, 8, 7 and summary rows for TOTALS FOR STRUCTURE.

Table with 7 columns: FORCE OUTPUT GROUP, Fx, Fy, Fz, Mx, My, Mz. Rows include node 14 and summary rows for TOTALS FOR STRUCTURE.

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.16000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 463274
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
TOTAL NO. OF EQUATIONS = 6120
TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 20601
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 15523
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 6002
TOTAL SIZE OF ELEMENT DATA RECORDS = 441588
TOTAL SIZE OF ELEMENT RESULT RECORDS = 393549
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 172395

TIME FOR PRE-SOLUTION PROCESS = 0.62000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:12:05 ON 28/05/21 (DAY/MTH/YR)

SOLUTION BY FRONTAL SPARSE MATRIX TECHNIQUE

TIME FOR EQUATION REORDERING = 0.00 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 536109 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

Multifrontal statistics

number of equations = 6066
no. of nonzeros in lower triangle of a = 100701
number of compressed nodes = 1011
no. of compressed nonzeros in l. tri. = 2376
amount of workspace currently in use = 472706
max. amt. of workspace used = 98129246
no. of nonzeros in the factor l = 286893
number of super nodes = 534
number of compressed subscripts = 17178
size of stack storage = 29322
maximum order of a front matrix = 174
maximum size of a front matrix = 15225
maximum size of a front trapezoid = 13620
no. of floating point ops for factor = 2.5393D+07
no. of floating point ops for solve = 1.1779D+06
actual no. of nonzeros in the factor l = 286893
actual number of compressed subscripts = 17178
actual size of stack storage used = 50034
near zero pivot monitoring activated
number of pivots adjusted = 0.
negative pivot monitoring activated
number of negative pivots encountered = 0.
factorization panel size = 128
factorization update panel size = 32

```

solution block size = 8

time (in seconds) for structure input = 0.016000
time (in seconds) for ordering = 0.000000
time (in seconds) for symbolic factor = 0.000000
time (in seconds) for value input = 0.015000

number of cpus used for factor & solve = 2
time (in seconds) for numeric factor = 0.016000
computational rate (mflops) for factor = 1587.078846
condition number estimate = 1.2487D+16

i/o statistics: unit number length amount
                ----- (Mbytes) (Mbytes)
                -----
                31. 0.14 = 0.34
NUMBER OF POSITIVE EIGENVALUES = 6066
NUMBER OF NEGATIVE EIGENVALUES = 0

AMOUNT OF DISK SPACE USED = 0.14 MB
DETERMINANT OF STIFFNESS MATRIX = 7.424E+59113

SMALLEST PIVOT ENCOUNTERED WAS 645.966 AT NODE 528, FREEDOM 6
LARGEST PIVOT ENCOUNTERED WAS 0.573152E+19 AT NODE 3, FREEDOM 4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION = 0.22574E-20

TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION = 0.47000E-01 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 443874
LOCATIONS AVAILABLE = 98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
ACTUAL TOTAL NO. FACES IN STRUCTURE = 448

TIME FOR POST-SOLUTION PROCESS = 0.94000E-01 SEC.
TOTAL CPU TIME USED FOR SOLUTION = 0.53100 SEC.
TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 1 SECS
TIME AT CENTRAL PROCESSOR = 10:12:05 ON 28/05/21 (DAY/MTH/YR)

```

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	645	1486	0	0	0.1562500E-01
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	64	125	0	0	0.1562500E-01
PLOT	16384	1112	1329	0	0	3.437500
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 10:12:06 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 NLPZ 98304000
 NPGS 960
 MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 IDTIME 1
 LDTOMA 1

LL UU UU SSSSSS AAAA SSSSSS
 LL UU UU SS SS AA AA SS SS
 LL UU UU SS SS AA AA SS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SS AA AA SS
 LLLLLLLL UU UU SS SS AA AA SS SS
 LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
 Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
 Forge House,
 66 High Street,
 Kingston upon Thames,
 Surrey, KT1 1HN, UK
 www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
 Fax +44 (0)20 8549 9399
 Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
 Fax +44 (0)20 8549 9399
 Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021

Using Sentinel license server.
 Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
 Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
 Input file :
 D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale~06 - modale.dat

Number of processors available : 8
 Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:12:07 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

- O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
- O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
- O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
- O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
- O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
- O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
- O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
- O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
- O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
- O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
- O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
- O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
- O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
- O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
- O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
- O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
- O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
- O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
- O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

ELEMENT ELEMENT NODE NUMBERS
 NUMBER

JSH4	ELEMENTS			
1	2	3	1671	1672
2	6	5	1663	1664
11	13	12	1669	1670
63	61	60	1665	1666
64	65	64	1667	1668
82	95	96	1659	1660
83	117	118	1661	1662
84	75	123	1655	1656
85	85	124	1653	1654
86	97	125	1657	1658

87	107	126	1651	1652
524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
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QTS4				
ELEMENTS				
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
531	506	507	565	564
532	507	508	566	565
533	508	509	567	566
534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
547	522	523	581	580
548	523	524	582	581
549	524	525	583	582
550	525	526	584	583
551	526	527	585	584
552	527	528	586	585
553	528	529	587	586
554	529	530	588	587
555	530	531	589	588
556	531	532	590	589
557	532	533	591	590
558	533	534	592	591
559	534	535	593	592
560	535	536	594	593
561	536	537	595	594
562	537	538	596	595
563	538	539	597	596
564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
575	550	551	609	608
576	551	552	610	609
577	552	553	611	610
578	553	554	612	611
579	554	555	613	612
580	555	556	614	613
581	556	557	615	614
582	559	560	617	616
583	560	561	618	617
584	561	562	619	618
585	562	563	620	619
586	563	564	621	620
587	564	565	622	621
588	565	566	623	622
589	566	567	624	623
590	567	568	625	624
591	568	569	626	625
592	569	570	627	626
593	570	571	628	627
594	571	572	629	628
595	572	573	630	629
596	573	574	631	630
597	574	575	632	631
598	575	576	633	632
599	576	577	634	633
600	577	578	635	634
601	578	579	636	635
602	579	580	637	636
603	580	581	638	637
604	581	582	639	638
605	582	583	640	639
606	583	584	641	640
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608	585	586	643	642
609	586	587	644	643
610	587	588	645	644
611	588	589	646	645
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613	590	591	648	647
614	591	592	649	648
615	592	593	650	649
616	593	594	651	650
617	594	595	652	651
618	595	596	653	652
619	596	597	654	653
620	597	598	655	654
621	598	599	656	655
622	599	600	657	656
623	600	601	658	657
624	601	602	659	658
625	602	603	660	659
626	603	604	661	660
627	604	605	662	661
628	605	606	663	662
629	606	607	664	663
630	607	608	665	664
631	608	609	666	665
632	609	610	667	666
633	610	611	668	667
634	611	612	669	668
635	612	613	670	669
636	613	614	671	670
637	614	615	672	671
638	615	616	673	672
639	616	617	674	673
640	617	618	675	674
641	618	619	676	675
642	619	620	677	676
643	620	621	678	677
644	621	622	679	678
645	622	623	680	679
646	623	624	681	680
647	624	625	682	681
648	625	626	683	682
649	626	627	684	683
650	627	628	685	684
651	628	629	686	685

707	629	630	687	686
708	630	631	688	687
709	631	632	689	688
710	632	633	690	689
711	633	634	691	690
712	634	635	692	691
713	635	636	693	692
714	636	637	694	693
715	637	638	695	694
716	638	639	696	695
717	639	640	697	696
718	640	641	698	697
719	641	642	699	698
720	642	643	700	699
721	643	644	701	700
722	644	645	702	701
723	645	646	703	702
724	646	647	704	703
725	647	648	705	704
726	648	649	706	705
727	649	650	707	706
728	650	651	708	707
729	651	652	709	708
730	652	653	710	709
731	653	654	711	710
732	654	655	712	711
733	655	656	713	712
734	656	657	714	713
735	657	658	715	714
736	658	659	716	715
737	659	660	717	716
738	660	661	718	717
739	661	662	719	718
740	662	663	720	719
741	663	664	721	720
742	664	665	722	721
743	665	666	723	722
744	666	667	724	723
745	667	668	725	724
746	668	669	726	725
747	669	670	727	726
748	670	671	728	727
749	671	672	729	728
750	673	674	731	730
751	674	675	732	731
752	675	676	733	732
753	676	677	734	733
754	677	678	735	734
755	678	679	736	735
756	679	680	737	736
757	680	681	738	737
758	681	682	739	738
759	682	683	740	739
760	683	684	741	740
761	684	685	742	741
762	685	686	743	742
763	686	687	744	743
764	687	688	745	744
765	688	689	746	745
766	689	690	747	746
767	690	691	748	747
768	691	692	749	748
769	692	693	750	749
770	693	694	751	750
771	694	695	752	751
772	695	696	753	752
773	696	697	754	753
774	697	698	755	754
775	698	699	756	755
776	699	700	757	756
777	700	701	758	757
778	701	702	759	758
779	702	703	760	759
780	703	704	761	760
781	704	705	762	761
782	705	706	763	762
783	706	707	764	763
784	707	708	765	764
785	708	709	766	765
786	709	710	767	766
787	710	711	768	767
788	711	712	769	768
789	712	713	770	769
790	713	714	771	770
791	714	715	772	771
792	715	716	773	772
793	716	717	774	773
794	717	718	775	774
795	718	719	776	775
796	719	720	777	776
797	720	721	778	777
798	721	722	779	778
799	722	723	780	779
800	723	724	781	780
801	724	725	782	781
802	725	726	783	782
803	726	727	784	783
804	727	728	785	784
805	728	729	786	785
806	730	731	788	787
807	731	732	789	788
808	732	733	790	789
809	733	734	791	790
810	734	735	792	791
811	735	736	793	792
812	736	737	794	793
813	737	738	795	794
814	738	739	796	795
815	739	740	797	796
816	740	741	798	797
817	741	742	799	798
818	742	743	800	799
819	743	744	801	800
820	744	745	802	801
821	745	746	803	802
822	746	747	804	803
823	747	748	805	804
824	748	749	806	805
825	749	750	807	806
826	750	751	808	807
827	751	752	809	808
828	752	753	810	809
829	753	754	811	810
830	754	755	812	811
831	755	756	813	812
832	756	757	814	813
833	757	758	815	814
834	758	759	816	815
835	759	760	817	816
836	760	761	818	817
837	761	762	819	818
838	762	763	820	819
839	763	764	821	820
840	764	765	822	821
841	765	766	823	822
842	766	767	824	823
843	767	768	825	824
844	768	769	826	825
845	769	770	827	826
846	770	771	828	827
847	771	772	829	828

848	772	773	830	829
849	773	774	831	830
850	774	775	832	831
851	775	776	833	832
852	776	777	834	833
853	777	778	835	834
854	778	779	836	835
855	779	780	837	836
856	780	781	838	837
857	781	782	839	838
858	782	783	840	839
859	783	784	841	840
860	784	785	842	841
861	785	786	843	842
862	787	788	845	844
863	788	789	846	845
864	789	790	847	846
865	790	791	848	847
866	791	792	849	848
867	792	793	850	849
868	793	794	851	850
869	794	795	852	851
870	795	796	853	852
871	796	797	854	853
872	797	798	855	854
873	798	799	856	855
874	799	800	857	856
875	800	801	858	857
876	801	802	859	858
877	802	803	860	859
878	803	804	861	860
879	804	805	862	861
880	805	806	863	862
881	806	807	864	863
882	807	808	865	864
883	808	809	866	865
884	809	810	867	866
885	810	811	868	867
886	811	812	869	868
887	812	813	870	869
888	813	814	871	870
889	814	815	872	871
890	815	816	873	872
891	816	817	874	873
892	817	818	875	874
893	818	819	876	875
894	819	820	877	876
895	820	821	878	877
896	821	822	879	878
897	822	823	880	879
898	823	824	881	880
899	824	825	882	881
900	825	826	883	882
901	826	827	884	883
902	827	828	885	884
903	828	829	886	885
904	829	830	887	886
905	830	831	888	887
906	831	832	889	888
907	832	833	890	889
908	833	834	891	890
909	834	835	892	891
910	835	836	893	892
911	836	837	894	893
912	837	838	895	894
913	838	839	896	895
914	839	840	897	896
915	840	841	898	897
916	841	842	899	898
917	842	843	900	899
974	844	845	902	901
975	845	846	903	902
976	846	847	904	903
977	847	848	905	904
978	848	849	906	905
979	849	850	907	906
980	850	851	908	907
981	851	852	909	908
982	852	853	910	909
983	853	854	911	910
984	854	855	912	911
985	855	856	913	912
986	856	857	914	913
987	857	858	915	914
988	858	859	916	915
989	859	860	917	916
990	860	861	918	917
991	861	862	919	918
992	862	863	920	919
993	863	864	921	920
994	864	865	922	921
995	865	866	923	922
996	866	867	924	923
997	867	868	925	924
998	868	869	926	925
999	869	870	927	926
1000	870	871	928	927
1001	871	872	929	928
1002	872	873	930	929
1003	873	874	931	930
1004	874	875	932	931
1005	875	876	933	932
1006	876	877	934	933
1007	877	878	935	934
1008	878	879	936	935
1009	879	880	937	936
1010	880	881	938	937
1011	881	882	939	938
1012	882	883	940	939
1013	883	884	941	940
1014	884	885	942	941
1015	885	886	943	942
1016	886	887	944	943
1017	887	888	945	944
1018	888	889	946	945
1019	889	890	947	946
1020	890	891	948	947
1021	891	892	949	948
1022	892	893	950	949
1023	893	894	951	950
1024	894	895	952	951
1025	895	896	953	952
1026	896	897	954	953
1027	897	898	955	954
1028	898	899	956	955
1029	899	900	957	956
1030	901	902	960	959
1031	902	903	961	960
1032	903	904	962	961
1033	904	905	963	962
1034	905	906	964	963
1035	906	907	965	964
1036	907	908	966	965
1037	908	909	967	966
1038	909	910	968	967
1039	910	911	969	968
1040	911	912	970	969
1041	912	913	971	970
1042	913	914	972	971
1043	914	915	973	972
1044	915	916	974	973

1045	916	917	975	974
1046	917	918	976	975
1047	918	919	977	976
1048	919	920	978	977
1049	920	921	979	978
1050	921	922	980	979
1051	922	923	981	980
1052	923	924	982	981
1053	924	925	983	982
1054	925	926	984	983
1055	926	927	985	984
1056	927	928	986	985
1057	928	929	987	986
1058	929	930	988	987
1059	930	931	989	988
1060	931	932	990	989
1061	932	933	991	990
1062	933	934	992	991
1063	934	935	993	992
1064	935	936	994	993
1065	936	937	995	994
1066	937	938	996	995
1067	938	939	997	996
1068	939	940	998	997
1069	940	941	999	998
1070	941	942	1000	999
1071	942	943	1001	1000
1072	943	944	1002	1001
1073	944	945	1003	1002
1074	945	946	1004	1003
1075	946	947	1005	1004
1076	947	948	1006	1005
1077	948	949	1007	1006
1078	949	950	1008	1007
1079	950	951	1009	1008
1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS		
PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS	END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED)	
BMI21	ELEMENTS		
3	1	7	1633
4	4	8	1637
5	7	9	1634
6	8	10	1638
7	5	18	1182
8	3	21	1643
9	9	15	1635
10	10	16	1639
12	11	17	1595
13	14	19	1591
14	15	20	1636
15	16	22	1640
16	20	21	1641
17	21	22	1642
18	17	23	1596
19	19	24	1592
20	20	25	1617
21	22	26	1625
22	12	33	1599
23	18	31	1179
24	23	27	1597
25	24	28	1593
26	25	29	1618
27	26	30	1626
28	27	32	1598
29	28	34	1594
30	29	35	1619
31	30	36	1627
32	33	32	1601
33	34	33	1600
34	32	37	1569
35	34	38	1574
36	35	39	1620
37	36	40	1628
38	21	54	1646
39	31	45	1180
40	37	41	1570
41	38	42	1575
42	39	43	1621
43	40	44	1629
44	41	46	1571
45	42	47	1576
46	43	48	1622
47	44	49	1630
48	33	74	1604
49	46	50	1572
50	47	51	1577
51	48	52	1623
52	49	53	1631
53	45	62	1181
55	50	58	1573
56	51	70	1578
57	52	66	1624
58	53	73	1632
59	55	60	1192
60	62	56	1178
61	57	64	1188
62	58	59	1649
65	66	63	1650
66	60	67	1189
67	68	62	1177
68	64	69	1185
69	70	71	1647
70	73	72	1648
71	75	55	1191
72	85	56	1184
73	95	57	1187
74	67	97	1190
75	107	68	1183
76	69	117	1186
77	58	119	1585
78	66	120	1605
79	70	121	1579
80	73	122	1611
88	96	127	1279
89	118	128	1235
90	76	133	1379

91	77	134	1243
92	78	135	1399
93	79	136	1247
94	80	137	1419
95	81	138	1251
96	82	139	1439
97	83	140	1255
98	84	141	1459
99	86	142	1479
100	87	143	1263
101	88	144	1499
102	89	145	1267
103	90	146	1519
104	91	147	1271
105	92	148	1539
106	93	149	1275
107	94	150	1559
108	98	151	1375
109	99	152	1199
110	100	153	1395
111	101	154	1203
112	102	155	1415
113	103	156	1207
114	104	157	1435
115	105	158	1211
116	106	159	1455
117	108	160	1475
118	109	161	1219
119	110	162	1495
120	111	163	1223
121	112	164	1515
122	113	165	1227
123	114	166	1535
124	115	167	1231
125	116	168	1555
126	123	129	1239
127	124	130	1259
128	125	131	1195
129	126	132	1215
130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
161	154	200	1204
162	155	201	1416
163	156	202	1208
164	157	203	1436
165	158	204	1212
166	159	205	1456
167	160	206	1476
168	161	207	1220
169	162	208	1496
170	163	209	1224
171	164	210	1516
172	165	211	1228
173	166	212	1536
174	167	213	1232
175	168	214	1556
176	169	215	1237
177	170	216	1257
178	171	217	1277
179	172	218	1193
180	173	219	1213
181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
186	179	221	1377
187	180	222	1241
188	181	223	1397
189	182	224	1245
190	183	225	1417
191	184	226	1249
192	185	227	1437
193	186	228	1253
194	187	229	1457
195	188	230	1477
196	189	231	1261
197	190	232	1497
198	191	233	1265
199	192	234	1517
200	193	235	1269
201	194	236	1537
202	195	237	1273
203	196	238	1557
204	197	239	1373
205	198	240	1197
206	199	241	1393
207	200	242	1201
208	201	243	1413
209	202	244	1205
210	203	245	1433
211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
218	211	253	1225
219	212	254	1533
220	213	255	1229
221	214	256	1553
222	215	261	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398
231	224	265	1246

232	225	266	1418
233	226	267	1250
234	227	268	1438
235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
242	235	277	1270
243	236	278	1538
244	237	279	1274
245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
249	242	349	1202
250	243	350	1414
251	244	351	1206
252	245	352	1434
253	246	353	1210
254	247	354	1454
255	248	356	1474
256	249	357	1218
257	250	358	1494
258	251	359	1222
259	252	360	1514
260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
270	267	288	1145
271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
275	272	293	1469
276	273	294	1157
277	274	295	1489
278	275	296	1161
279	276	297	1509
280	277	298	1165
281	278	299	1529
282	279	300	1169
283	280	301	1549
284	281	302	1173
285	282	303	1134
286	283	304	1370
287	284	305	1138
288	285	306	1390
289	286	307	1142
290	287	308	1410
291	288	309	1146
292	289	310	1430
293	290	311	1150
294	291	312	1450
295	292	313	1154
296	293	314	1470
297	294	315	1158
298	295	316	1490
299	296	317	1162
300	297	318	1510
301	298	319	1166
302	299	320	1530
303	300	321	1170
304	301	322	1550
305	302	323	1174
306	303	324	1135
307	304	325	1371
308	305	326	1139
309	306	327	1391
310	307	328	1143
311	308	329	1411
312	309	330	1147
313	310	331	1431
314	311	332	1151
315	312	333	1451
316	313	334	1155
317	314	335	1471
318	315	336	1159
319	316	337	1491
320	317	338	1163
321	318	339	1511
322	319	340	1167
323	320	341	1531
324	321	342	1171
325	322	343	1551
326	323	344	1175
327	324	345	1136
328	325	346	1372
329	326	347	1140
330	327	348	1392
331	328	349	1144
332	329	350	1412
333	330	351	1148
334	331	352	1432
335	332	353	1152
336	333	354	1452
337	334	355	1156
338	335	356	1472
339	336	357	1160
340	337	358	1492
341	338	359	1164
342	339	360	1512
343	340	361	1168
344	341	362	1532
345	342	363	1172
346	343	364	1552
347	344	365	1176
348	262	366	1387
349	263	367	1331
350	264	368	1407
351	265	369	1335
352	266	370	1427
353	267	371	1339
354	268	372	1447
355	269	373	1343
356	270	374	1467
357	272	375	1487
358	273	376	1351
359	274	377	1507
360	275	378	1355
361	276	379	1527
362	277	380	1359
363	278	381	1547
364	279	382	1363
365	280	383	1567
366	346	384	1383
367	347	385	1287
368	348	386	1403
369	349	387	1291
370	350	388	1423
371	351	389	1295
372	352	390	1443

373	353	391	1299
374	354	392	1463
375	356	393	1483
376	357	394	1307
377	358	395	1503
378	359	396	1311
379	360	397	1523
380	361	398	1315
381	362	399	1543
382	363	400	1319
383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
397	369	411	1336
398	370	412	1428
399	371	413	1340
400	372	414	1448
401	373	415	1344
402	374	416	1468
403	375	417	1488
404	376	418	1352
405	377	419	1508
406	378	420	1356
407	379	421	1528
408	380	422	1360
409	381	423	1548
410	382	424	1364
411	383	425	1568
412	384	426	1384
413	385	427	1288
414	386	428	1404
415	387	429	1292
416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
427	399	441	1544
428	400	442	1320
429	401	443	1564
430	402	448	1328
431	403	449	1348
432	404	450	1368
433	405	451	1284
434	406	452	1304
435	407	453	1324
436	408	454	1385
437	409	455	1329
438	410	456	1405
439	411	457	1333
440	412	458	1425
441	413	459	1337
442	414	460	1445
443	415	461	1341
444	416	462	1465
445	417	463	1485
446	418	464	1349
447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
468	440	486	1313
469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
485	457	627	1334
486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310
513	485	885	1522

514	486	888	1314
515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS = 1091
 LARGEST ELEMENT NUMBER = 1091
 LARGEST NODE NUMBER = 1680

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.62500	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750
137	20.0000	2.35000	-1.89750

138	24.0000	2.35000	-1.89750
139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.000000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.000000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.000000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.000000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.000000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000
278	69.0000	2.35000	-1.10000

279	73.0000	2.35000	-1.10000
280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	4.00000	2.35000	-0.775000
404	8.00000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	4.00000	8.90000	-0.775000
407	8.00000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000
419	52.2500	2.35000	-0.705000

420	56.5000	2.35000	-0.705000
421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00
560	1.33333	0.750000	0.000000E+00

561	2.66667	0.750000	0.000000E+00
562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.350000	0.000000E+00
617	1.33333	2.350000	0.000000E+00
618	2.66667	2.350000	0.000000E+00
619	4.00000	2.350000	0.000000E+00
620	5.33333	2.350000	0.000000E+00
621	6.66667	2.350000	0.000000E+00
622	8.00000	2.350000	0.000000E+00
623	10.0000	2.350000	0.000000E+00
624	12.0000	2.350000	0.000000E+00
625	13.3333	2.350000	0.000000E+00
626	14.6667	2.350000	0.000000E+00
627	16.0000	2.350000	0.000000E+00
628	17.3333	2.350000	0.000000E+00
629	18.6667	2.350000	0.000000E+00
630	20.0000	2.350000	0.000000E+00
631	22.0000	2.350000	0.000000E+00
632	24.0000	2.350000	0.000000E+00
633	25.3333	2.350000	0.000000E+00
634	26.6667	2.350000	0.000000E+00
635	28.0000	2.350000	0.000000E+00
636	29.3333	2.350000	0.000000E+00
637	30.6667	2.350000	0.000000E+00
638	32.0000	2.350000	0.000000E+00
639	34.0000	2.350000	0.000000E+00
640	36.0000	2.350000	0.000000E+00
641	37.3333	2.350000	0.000000E+00
642	38.6667	2.350000	0.000000E+00
643	40.0000	2.350000	0.000000E+00
644	41.3333	2.350000	0.000000E+00
645	42.6667	2.350000	0.000000E+00
646	44.0000	2.350000	0.000000E+00
647	46.0000	2.350000	0.000000E+00
648	48.0000	2.350000	0.000000E+00
649	49.4167	2.350000	0.000000E+00
650	50.8333	2.350000	0.000000E+00
651	52.2500	2.350000	0.000000E+00
652	53.6667	2.350000	0.000000E+00
653	55.0833	2.350000	0.000000E+00
654	56.5000	2.350000	0.000000E+00
655	58.0000	2.350000	0.000000E+00
656	59.3750	2.350000	0.000000E+00
657	60.7500	2.350000	0.000000E+00
658	62.1667	2.350000	0.000000E+00
659	63.5833	2.350000	0.000000E+00
660	65.0000	2.350000	0.000000E+00
661	66.3333	2.350000	0.000000E+00
662	67.6667	2.350000	0.000000E+00
663	69.0000	2.350000	0.000000E+00
664	70.0000	2.350000	0.000000E+00
665	71.5000	2.350000	0.000000E+00
666	73.0000	2.350000	0.000000E+00
667	74.3333	2.350000	0.000000E+00
668	75.6667	2.350000	0.000000E+00
669	77.0000	2.350000	0.000000E+00
670	78.3333	2.350000	0.000000E+00
671	79.6667	2.350000	0.000000E+00
672	81.0000	2.350000	0.000000E+00
673	0.000000E+00	3.987500	0.000000E+00
674	1.33333	3.987500	0.000000E+00
675	2.66667	3.987500	0.000000E+00
676	4.00000	3.987500	-0.111022E-15
677	5.33333	3.987500	0.000000E+00
678	6.66667	3.987500	0.000000E+00
679	8.00000	3.987500	0.000000E+00
680	10.0000	3.987500	0.000000E+00
681	12.0000	3.987500	0.000000E+00
682	13.3333	3.987500	0.000000E+00
683	14.6667	3.987500	0.000000E+00
684	16.0000	3.987500	0.000000E+00
685	17.3333	3.987500	-0.357931E-15
686	18.6667	3.987500	-0.930621E-15
687	20.0000	3.987500	-0.644276E-14
688	22.0000	3.987500	0.000000E+00
689	24.0000	3.987500	0.000000E+00
690	25.3333	3.987500	0.000000E+00
691	26.6667	3.987500	0.000000E+00
692	28.0000	3.987500	0.277556E-16
693	29.3333	3.987500	0.000000E+00
694	30.6667	3.987500	0.000000E+00
695	32.0000	3.987500	0.000000E+00
696	34.0000	3.987500	0.000000E+00
697	36.0000	3.987500	0.000000E+00
698	37.3333	3.987500	0.000000E+00
699	38.6667	3.987500	0.000000E+00
700	40.0000	3.987500	0.000000E+00
701	41.3333	3.987500	0.000000E+00

702	42.6667	3.98750	0.000000E+00
703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154043E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00
842	79.6667	7.26250	0.000000E+00

843	81.0000	7.26250	0.000000E+00
844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00
983	36.0000	11.2500	0.000000E+00

984	37.3333	11.2500	0.000000E+00
985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.62500	0.400000
1018	81.6750	5.62500	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00
1124	77.0000	3.35000	0.000000E+00

1125	78.3333	3.35000	0.000000E+00
1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750
1265	55.5000	2.35000	-1.49500

1266	55.5000	2.35000	-1.29750
1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000
1406	11.0000	2.35000	-0.352500

1407	11.0000	2.35000	-1.10000
1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500
1547	68.0000	2.35000	-1.10000

1548	68.0000	2.35000	-0.902500
1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7454	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	11.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES	=	1680
LARGEST NODE NUMBER	=	1680
DATA STORAGE LOCATIONS USED	=	11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
1	1ST NODE	=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
	2ND NODE	=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	=0.4460E-01
		ASY	IYY	IZZ	KT	ASZ
		=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
		ASY	EZ	EY	IYZ	
		=0.6300E-01	=1.241	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
	2ND NODE	=0.9000E-01	=1.325	=0.0000E+00	=0.0000E+00	=0.3996E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
		ASY	EZ	EY	IYZ	
		=0.7200E-01	=1.325	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
3	1ST NODE	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
	2ND NODE	=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	=0.3960E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
		ASY	EZ	EY	IYZ	
		=0.9000E-01	=1.300	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
	2ND NODE	=0.1260	=1.150	=0.0000E+00	=0.0000E+00	=0.4320E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
		ASY	EZ	EY	IYZ	
		=0.1260	=1.150	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
5	1ST NODE	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
	2ND NODE	=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.1160E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
		ASY	EZ	EY	IYZ	
		=0.1520E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
6	1ST NODE	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
	2ND NODE	=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	=0.2812E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
		ASY	EZ	EY	IYZ	
		=0.3325E-01	=0.2000	=0.0000E+00	=0.1736E-19	

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
7	1ST NODE	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
	2ND NODE	=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	=0.3686E-01
		AREA	IYY	IZZ	KT	ASZ
		=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
		ASY	EZ	EY	IYZ	
		=0.2424E-01	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
8	1ST NODE	=10.75	=1.579	=67.26	=5.419	=8.604
	2ND NODE	=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	=8.604
		AREA	IYY	IZZ	KT	ASZ
		=10.75	=1.579	=67.26	=5.419	=8.604
		ASY	EZ	EY	IYZ	
		=7.783	=0.0000E+00	=0.0000E+00	=-0.2305E-11	

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
9	1ST NODE	=78.66	=312.1	=851.9	=777.5	=65.56
	2ND NODE	=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	=65.56
		AREA	IYY	IZZ	KT	ASZ
		=78.66	=312.1	=851.9	=777.5	=65.56
		ASY	EZ	EY	IYZ	
		=65.55	=0.0000E+00	=0.0000E+00	=0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
10	1ST NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329
	2ND NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329

G E O M E T R I C P R O P E R T I E S

Offset

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000
	2ND NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
12	1ST NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02
	2ND NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02

G E O M E T R I C P R O P E R T I E S

rigida_spalla

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
13	1ST NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05
	2ND NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
14	1ST NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3
	2ND NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
15	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
16	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
17	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10
	2ND NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
18	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=0.5375	=66.91	=0.0000E+00	=26.10

2ND NODE ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00
 AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

S=0.3m
 PROPERTY

20 QTS4 = ELEMENTS T1 = 0.3000 T2 = 0.3000 T3 = 0.3000 T4 = 0.3000
 EZ = -0.1500

GEOMETRIC PROPERTIES

Ecc0
 PROPERTY

19 JSH4 ELEMENTS
 ECCENTRICITY = 0.0000E+00
 DATA STORAGE LOCATIONS USED = 1002

GEOMETRIC ASSIGNMENTS

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	GEOMETRIC SET	LUSASM ID NO.
2	0	0	19	21
3	6	1	13	23
7	0	0	9	18
8	0	0	14	24
9	10	1	13	23
12	19	1	13	23
20	0	0	17	27
21	0	0	18	28
22	0	0	14	24
23	0	0	8	17
24	25	1	13	23
26	0	0	17	27
27	0	0	18	28
28	29	1	13	23
30	0	0	17	27
31	0	0	18	28
32	33	1	13	23
34	0	0	18	28
35	36	1	17	27
37	0	0	18	28
38	0	0	13	23
39	0	0	8	17
40	0	0	18	28
41	42	1	17	27
43	44	1	18	28
45	46	1	17	27
47	0	0	18	28
48	0	0	13	23
49	0	0	18	28
50	51	1	17	27
52	0	0	18	28
53	0	0	8	17
55	0	0	18	28
56	57	1	17	27
58	0	0	18	28
59	61	1	11	20
62	0	0	13	23
63	64	1	19	21
65	0	0	13	23
66	68	1	11	20
69	70	1	13	23
71	76	1	10	19
77	0	0	16	26
78	79	1	15	25
80	0	0	16	26
82	87	1	19	21
88	89	1	6	15
90	125	1	12	22
126	129	1	6	15
130	0	0	16	26
131	132	1	15	25
133	0	0	16	26
134	139	1	6	15
140	175	1	12	22
176	181	1	6	15
182	0	0	16	26
183	184	1	15	25
185	0	0	16	26
186	221	1	12	22
222	227	1	6	15
228	263	1	12	22
264	0	0	7	16
265	273	1	5	14
274	0	0	7	16
275	283	1	5	14
284	285	1	7	16
286	294	1	5	14
295	0	0	7	16
296	304	1	5	14
305	306	1	7	16
307	315	1	5	14
316	0	0	7	16
317	325	1	5	14
326	327	1	7	16
328	336	1	5	14
337	0	0	7	16
338	346	1	5	14
347	0	0	7	16
348	383	1	12	22
384	389	1	6	15
390	0	0	16	26
391	392	1	15	25
393	0	0	16	26
394	429	1	12	22
430	435	1	6	15
436	471	1	12	22
472	0	0	16	26
473	474	1	15	25
475	0	0	16	26
476	481	1	6	15
482	517	1	12	22
518	523	1	6	15
524	525	1	19	21
526	637	1	20	13
638	644	1	1	9
645	652	1	2	10
653	660	1	3	11
661	668	1	4	12

669	676	1	3	11
677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	114
TOTAL NUMBER OF ELEMENTS	=	1087
LARGEST ELEMENT NUMBER	=	1091
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	20
DATA STORAGE LOCATIONS USED	=	3261

J O I N T P R O P E R T I E S

MATERIAL

Incastro									
11	KX	=	0.1000E+16	KY	=	0.1000E+16	KZ	=	0.1000E+16
				KTX	=	0.1000E+16	KTY	=	0.1000E+16
							KTZ	=	0.1000E+16

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla									
12	KX	=	0.1710E+07	KY	=	0.1710E+07	KZ	=	0.1454E+10
				KTX	=	1.000	KTY	=	1.000
							KTZ	=	1.000

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile									
13	KX	=	0.2230E+07	KY	=	0.2230E+07	KZ	=	0.2186E+10
				KTX	=	1.000	KTY	=	1.000
							KTZ	=	1.000

J O I N T P R O P E R T I E S

MATERIAL

giunti									
14	KX	=	1.000	KY	=	1.000	KZ	=	1.000
				KTX	=	1.000	KTY	=	1.000
							KTZ	=	1.000

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla1									
15	MX	=	0.1241E+07	MY	=	0.1241E+07	MZ	=	0.1241E+07

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla2									
16	MX	=	0.1546E+07	MY	=	0.1546E+07	MZ	=	0.1546E+07

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa nulla									
29	MX	=	0.0000E+00	MY	=	0.0000E+00	MZ	=	0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)									
2	E	=	0.2100E+12	NU	=	0.3000	RHO	=	7850.
	TEMP	=	0.0000E+00	ALPHA	=	0.1000E-04	ARAYL	=	0.0000E+00
				BRAYL	=	0.0000E+00			

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)									
3	E	=	0.3364E+11	NU	=	0.2000	RHO	=	2500.
	TEMP	=	0.0000E+00	ALPHA	=	0.1000E-04	ARAYL	=	0.0000E+00
				BRAYL	=	0.0000E+00			

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
 27 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
 1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 28 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 676

M A T E R I A L A S S I G N M E N T S

FIRST ELEMENT	LAST ELEMENT	DIFF- ERENCE	MATERIAL SET	NSET	STRESS PLASTIC	POTENTIAL/ DATA SET	CREEP SET	DAMAGE SET	LusasM ID NO.	VISCOELASTIC SET	TWO PHASE MATERIAL SET	SHRINKAGE SET	KO SET	SET
1	2	1	11	0	0	0	0	0	17	0	0	0	0	0
3	6	1	10	0	0	0	0	0	25	0	0	0	0	0
7	0	0	3	0	0	0	0	0	5	0	0	0	0	0
8	0	0	28	0	0	0	0	0	25	0	0	0	0	0
9	10	1	10	0	0	0	0	0	25	0	0	0	0	0

TOTAL NUMBER OF NODES = 39
 LARGEST NODE NUMBER = 1020
 LARGEST CARTESIAN SET NUMBER = 1
 DATA STORAGE LOCATIONS USED = 819

S U P P O R T N O D E S

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING

FIRST NODE	LAST NODE	DIFF RNC	SUPPORT CONDITION	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING CONSTANT OR PRESCRIBED VALUE	SPRING CONSTANT OR PRESCRIBED VALUE
2	6	4	R R R R R R	FREEDOM U	FREEDOM V	FREEDOM W	FREEDOM THX	FREEDOM THY	FREEDOM THZ	FREEDOM THZ
13	61	48	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
65	500	435	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
558	958	400	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
1015	0	0	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

TOTAL NUMBER OF SUPPORT NODES = 9
 LARGEST NODE NUMBER = 1015
 DATA STORAGE LOCATIONS USED = 180

L O A D C A S E 15

da trasformare in massa

FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
501	0	0	0.000000E+00	0.000000E+00	-3500.0	0.000000E+00	0.000000E+00	0.000000E+00
502	506	1	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
507	0	0	0.000000E+00	0.000000E+00	-8750.0	0.000000E+00	0.000000E+00	0.000000E+00
508	0	0	0.000000E+00	0.000000E+00	-10500.0	0.000000E+00	0.000000E+00	0.000000E+00
509	0	0	0.000000E+00	0.000000E+00	-8750.0	0.000000E+00	0.000000E+00	0.000000E+00
510	514	1	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
515	0	0	0.000000E+00	0.000000E+00	-8750.0	0.000000E+00	0.000000E+00	0.000000E+00
516	0	0	0.000000E+00	0.000000E+00	-10500.0	0.000000E+00	0.000000E+00	0.000000E+00
517	0	0	0.000000E+00	0.000000E+00	-8750.0	0.000000E+00	0.000000E+00	0.000000E+00
518	522	1	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
523	0	0	0.000000E+00	0.000000E+00	-8750.0	0.000000E+00	0.000000E+00	0.000000E+00
524	0	0	0.000000E+00	0.000000E+00	-10500.0	0.000000E+00	0.000000E+00	0.000000E+00
525	0	0	0.000000E+00	0.000000E+00	-8750.0	0.000000E+00	0.000000E+00	0.000000E+00
526	530	1	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
531	0	0	0.000000E+00	0.000000E+00	-8750.0	0.000000E+00	0.000000E+00	0.000000E+00
532	0	0	0.000000E+00	0.000000E+00	-10500.0	0.000000E+00	0.000000E+00	0.000000E+00
533	0	0	0.000000E+00	0.000000E+00	-8968.8	0.000000E+00	0.000000E+00	0.000000E+00
534	535	1	0.000000E+00	0.000000E+00	-7437.5	0.000000E+00	0.000000E+00	0.000000E+00
536	0	0	0.000000E+00	0.000000E+00	-7437.5	0.000000E+00	0.000000E+00	0.000000E+00
537	538	1	0.000000E+00	0.000000E+00	-7437.5	0.000000E+00	0.000000E+00	0.000000E+00
539	0	0	0.000000E+00	0.000000E+00	-7656.2	0.000000E+00	0.000000E+00	0.000000E+00
540	0	0	0.000000E+00	0.000000E+00	-7546.9	0.000000E+00	0.000000E+00	0.000000E+00
541	0	0	0.000000E+00	0.000000E+00	-7218.8	0.000000E+00	0.000000E+00	0.000000E+00
542	0	0	0.000000E+00	0.000000E+00	-7328.1	0.000000E+00	0.000000E+00	0.000000E+00
543	0	0	0.000000E+00	0.000000E+00	-7437.5	0.000000E+00	0.000000E+00	0.000000E+00
544	0	0	0.000000E+00	0.000000E+00	-7437.5	0.000000E+00	0.000000E+00	0.000000E+00
545	0	0	0.000000E+00	0.000000E+00	-7218.8	0.000000E+00	0.000000E+00	0.000000E+00
546	0	0	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
547	0	0	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
548	0	0	0.000000E+00	0.000000E+00	-6125.0	0.000000E+00	0.000000E+00	0.000000E+00
549	0	0	0.000000E+00	0.000000E+00	-6562.5	0.000000E+00	0.000000E+00	0.000000E+00
550	0	0	0.000000E+00	0.000000E+00	-7875.0	0.000000E+00	0.000000E+00	0.000000E+00
551	0	0	0.000000E+00	0.000000E+00	-7437.5	0.000000E+00	0.000000E+00	0.000000E+00
552	0	0	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
553	555	1	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
556	0	0	0.000000E+00	0.000000E+00	-7000.0	0.000000E+00	0.000000E+00	0.000000E+00
557	0	0	0.000000E+00	0.000000E+00	-3500.0	0.000000E+00	0.000000E+00	0.000000E+00
559	0	0	0.000000E+00	0.000000E+00	-2408.0	0.000000E+00	0.000000E+00	0.000000E+00
560	564	1	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
565	0	0	0.000000E+00	0.000000E+00	-6020.0	0.000000E+00	0.000000E+00	0.000000E+00
566	0	0	0.000000E+00	0.000000E+00	-7224.0	0.000000E+00	0.000000E+00	0.000000E+00
567	0	0	0.000000E+00	0.000000E+00	-6020.0	0.000000E+00	0.000000E+00	0.000000E+00
568	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
569	570	1	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
571	572	1	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
573	0	0	0.000000E+00	0.000000E+00	-6020.0	0.000000E+00	0.000000E+00	0.000000E+00
574	0	0	0.000000E+00	0.000000E+00	-7224.0	0.000000E+00	0.000000E+00	0.000000E+00
575	0	0	0.000000E+00	0.000000E+00	-6020.0	0.000000E+00	0.000000E+00	0.000000E+00
576	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
577	579	1	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
580	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
581	0	0	0.000000E+00	0.000000E+00	-6020.0	0.000000E+00	0.000000E+00	0.000000E+00
582	0	0	0.000000E+00	0.000000E+00	-7224.0	0.000000E+00	0.000000E+00	0.000000E+00
583	0	0	0.000000E+00	0.000000E+00	-6020.0	0.000000E+00	0.000000E+00	0.000000E+00
584	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
585	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
586	587	1	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
588	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
589	0	0	0.000000E+00	0.000000E+00	-6020.0	0.000000E+00	0.000000E+00	0.000000E+00
590	0	0	0.000000E+00	0.000000E+00	-7224.0	0.000000E+00	0.000000E+00	0.000000E+00
591	0	0	0.000000E+00	0.000000E+00	-6170.5	0.000000E+00	0.000000E+00	0.000000E+00
592	593	1	0.000000E+00	0.000000E+00	-5117.0	0.000000E+00	0.000000E+00	0.000000E+00
594	0	0	0.000000E+00	0.000000E+00	-5117.0	0.000000E+00	0.000000E+00	0.000000E+00
595	596	1	0.000000E+00	0.000000E+00	-5117.0	0.000000E+00	0.000000E+00	0.000000E+00
597	0	0	0.000000E+00	0.000000E+00	-5267.5	0.000000E+00	0.000000E+00	0.000000E+00
598	0	0	0.000000E+00	0.000000E+00	-5192.2	0.000000E+00	0.000000E+00	0.000000E+00
599	0	0	0.000000E+00	0.000000E+00	-4966.5	0.000000E+00	0.000000E+00	0.000000E+00
600	0	0	0.000000E+00	0.000000E+00	-5041.7	0.000000E+00	0.000000E+00	0.000000E+00
601	0	0	0.000000E+00	0.000000E+00	-5117.0	0.000000E+00	0.000000E+00	0.000000E+00
602	0	0	0.000000E+00	0.000000E+00	-5117.0	0.000000E+00	0.000000E+00	0.000000E+00
603	0	0	0.000000E+00	0.000000E+00	-4966.5	0.000000E+00	0.000000E+00	0.000000E+00
604	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
605	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
606	0	0	0.000000E+00	0.000000E+00	-4214.0	0.000000E+00	0.000000E+00	0.000000E+00
607	0	0	0.000000E+00	0.000000E+00	-4515.0	0.000000E+00	0.000000E+00	0.000000E+00
608	0	0	0.000000E+00	0.000000E+00	-5418.0	0.000000E+00	0.000000E+00	0.000000E+00
609	0	0	0.000000E+00	0.000000E+00	-5117.0	0.000000E+00	0.000000E+00	0.000000E+00
610	0	0	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
611	614	1	0.000000E+00	0.000000E+00	-4816.0	0.000000E+00	0.000000E+00	0.000000E+00
615	0	0	0.000000E+00	0.000000E+00	-2408.0	0.000000E+00	0.000000E+00	0.000000E+00
616	0	0	0.000000E+00	0.000000E+00	-3581.0	0.000000E+00	0.000000E+00	0.000000E+00
617	0	0	0.000000E+00	0.000000E+00	-7162.0	0.000000		

NUMBER OF LOADED NODES OR ELEMENTS = 513
 LARGEST NODE OR ELEMENT NUMBER = 1016

DATA STORAGE LOCATIONS USED = 3416

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST ELT	LAST ELT	DIFF RNCE	OUTPUT CONTROL	AVERAGED NODAL VALUES GROUP	NODAL FORCE OUTPUT GROUP	HISTORY CONTROL	PLOT FILE CONTROL
1	1091	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
 TOTAL NUMBER OF ELEMENTS OUTPUT = 1091
 LARGEST ELEMENT NUMBER INPUT = 1091
 LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL
1	1680	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 1
 TOTAL NUMBER OF NODES OUTPUT = 0
 LARGEST NODE NUMBER INPUT = 1680
 LARGEST NODE OUTPUT CONTROL NUMBER = 0
 LARGEST NODE HISTORY CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 0

E I G E N V A L U E C O N T R O L 15

da trasformare in massa

D E F A U L T E I G E N S O L V E R C H O S E N

C O N S T A N T S

NUMBER OF REQUIRED EIGENVALUES AND EIGENVECTORS = 40
 NUMBER OF ITERATION VECTORS USED = 48 (DEFAULT VALUE)
 SHIFT OF ORIGIN APPLIED TO EXTRACTION PROCEDURE = 0.000000E+00 (DEFAULT VALUE)
 NORMALISATION WITH RESPECT TO TOTAL MASS
 STURM SEQUENCE CHECK
 EIGEN-SOLUTION OBTAINED USING JACOBI ITERATION
 SMALLEST EIGENVALUES REQUIRED

C O N V E R G E N C E

CONVERGENCE TOLERANCE ON EIGENVALUES = 0.100000E-03
 MAXIMUM NUMBER OF SUBSPACE ITERATIONS PERMITTED = 30

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1091
 TOTAL NUMBER OF CONSTRAINTS = 0
 TOTAL NUMBER OF NODES = 1680
 TOTAL NUMBER OF SUPPORT NODES = 9
 TOTAL NUMBER OF LOADING CASES = 1
 LOCATIONS USED DURING DATA PROCESSING = 78681926
 LOCATIONS AVAILABLE = 98304000
 TIME USED TO PROCESS INPUT DATA = 0.35900 SEC.
 TIME AT CENTRAL PROCESSOR = 10:12:08 ON 28/05/21 (DAY/MTH/YR)
 INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1987
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT EIGENSOLVER TYPE : FAST LANCZOS EIGENSOLVER SELECTED (SOLTYP PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING VERTICAL COMPONENTS OF LOAD HAVE BEEN TRANSFORMED TO MASS
 ANY LOAD COMPONENTS IN OTHER DIRECTIONS WILL BE IGNORED (PSEPRC PROCESSOR)

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

MATERIAL SET	LENGTH M	GEOMETRIC SUMMARY AREA sq M	VOLUME cu M	ELEMENT MASS KG	X-COORD M	CENTRE OF GRAVITY Y-COORD M	Z-COORD M
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	57.3134	0.000000E+00	444.116	2920.29	40.2500	5.62500	-0.112500
3	8.80000	731.250	408.733	0.127146E+07	40.2516	5.52082	-2.57333
28	29.6000	0.000000E+00	1459.23	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
29	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
5	48.0900	0.000000E+00	20.1130	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
12	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

Table with 8 columns: ID, X, Y, Z, X', Y', Z', X'', Y''. Rows 4, 2, 14, 27, and TOTALES FOR STRUCTURE.

MATERIAL SET MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0). Columns: Ixx, Iyy, Izz, Ixy, Iyz, Ixz.

MATERIAL SET MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS. Columns: Ixx, Iyy, Izz, Ixy, Iyz, Ixz.

MATERIAL SET PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES. Columns: I11, I22, I33, PRINCIPAL DIRECTIONS.

FORCE OUTPUT GROUP RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS. Columns: Fx, Fy, Fz, Mx, My, Mz.

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.15000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN EACH MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 1202256
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
TOTAL NO. OF EQUATIONS = 6120
TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 183832
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 852515
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 6002
TOTAL SIZE OF ELEMENT DATA RECORDS = 3270077
TOTAL SIZE OF ELEMENT RESULT RECORDS = 19175184
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 273036

TIME FOR PRE-SOLUTION PROCESS = 0.10900 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:12:08 ON 28/05/21 (DAY/MTH/YR)

TIME FOR EQUATION REORDERING = 0.02 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 1341441 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

NUMBER OF EIGENVALUES CONFIRMED BY STURM SEQUENCE = 40
NUMBER OF COMPUTED EIGENVALUES THAT WERE DISCARDED = 25

= Multifrontal statistics =

number of equations = 6066
no. of nonzeros in lower triangle of a = 100701
number of compressed nodes = 1011
no. of compressed nonzeros in l. tri. = 2376
amount of workspace currently in use = 436895
max. amt. of workspace used = 97745561
no. of nonzeros in the factor l = 286893.
number of super nodes = 534
number of compressed subscripts = 17178
size of stack storage = 29322
maximum order of a front matrix = 174
maximum size of a front matrix = 15225
maximum size of a front trapezoid = 13620
no. of floating point ops for factor = 2.5853D+07
no. of floating point ops for solve = 1.1545D+06
near zero pivot monitoring activated
number of pivots adjusted = 0.
negative pivot monitoring activated
number of negative pivots encountered = 0.


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factorization panel size      =      128
factorization update panel size =      32
solution block size          =       8

time (in seconds) for structure input = 0.000000
time (in seconds) for ordering      = 0.016000
time (in seconds) for symbolic factor = 0.000000
time (in seconds) for value input   = 0.000000

time (in seconds) for numeric solve = 0.171000
computational rate (mflops) for solve = 6.751468

i/o statistics:  unit number      length      amount
                  -----      -----      -----
                  31.             0.14        0.48
                  37.             3.15       19.36

AMOUNT OF DISK SPACE USED      =      3.29 MB

TIME FOR POST-SOLUTION EIGENVECTOR CALCULATIONS = 0.03 SEC.

LOCATIONS REQUIRED DURING EIGENVALUE EXT. = 98338426
LOCATIONS AVAILABLE           = 98304000

TOTAL CPU TIME USED DURING EIGENVALUE EXTRACTION = 0.87500 SEC.

TOTAL ELAPSED TIME USED DURING EIGENVALUE EXTRACTION = 0 HRS 0 MINS 1 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 1695977
LOCATIONS AVAILABLE           = 98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
ACTUAL TOTAL NO. FACES IN STRUCTURE = 448

TIME FOR POST-SOLUTION PROCESS = 1.5780 SEC.

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E I G E N V A L U E S

MODE	EIGENVALUE	FREQUENCY	ERROR NORM
1	9.16963	0.481944	0.278372E-06
2	9.24023	0.483795	0.247770E-06
3	16.6072	0.648586	0.257207E-06
4	271.552	2.62269	0.558765E-07
5	280.001	2.66318	0.229329E-07
6	548.119	3.72613	0.115591E-07
7	586.070	3.85296	0.857349E-08
8	1194.29	5.50016	0.680467E-08
9	2608.75	8.12898	0.414887E-08
10	3062.39	8.80746	0.237331E-08
11	3217.42	9.02764	0.382389E-08
12	3451.28	9.34997	0.145838E-08
13	3528.04	9.45338	0.474104E-08
14	3752.31	9.74921	0.617290E-08
15	4006.78	10.0744	0.708107E-06
16	4007.07	10.0747	0.832278E-06
17	4007.38	10.0751	0.100287E-05
18	4221.87	10.3412	0.188919E-05
19	4447.16	10.6136	0.944027E-09
20	4837.06	11.0691	0.118380E-06
21	4837.08	11.0691	0.982883E-08
22	4837.08	11.0691	0.140888E-07
23	4837.18	11.0692	0.773495E-08
24	4837.19	11.0692	0.114894E-07
25	4837.20	11.0692	0.692642E-07
26	4837.21	11.0692	0.462214E-08
27	4837.22	11.0692	0.138027E-07
28	4837.22	11.0693	0.252157E-07
29	4837.23	11.0693	0.101358E-07
30	4837.23	11.0693	0.224098E-07
31	4837.23	11.0693	0.186679E-07
32	4837.24	11.0693	0.290006E-07
33	4837.24	11.0693	0.186438E-07
34	4837.24	11.0693	0.126813E-07
35	4837.44	11.0695	0.155873E-06
36	4837.66	11.0698	0.249288E-06
37	4837.96	11.0701	0.151391E-06
38	5324.35	11.6132	0.112309E-07
39	5535.23	11.8410	0.124798E-07
40	5830.41	12.1526	0.216192E-08

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

MODE	X DIRECTION			Y DIRECTION			Z DIRECTION		
	P. FACTOR	MASS P.F.	SUM M.P.F.	P. FACTOR	MASS P.F.	SUM M.P.F.	P. FACTOR	MASS P.F.	SUM M.P.F.
1	0.3109E-05	0.5705E-17	0.5705E-17	1105.	0.7204	0.7204	0.7010E-09	0.2902E-24	0.2902E-24
2	1105.	0.7206	0.7206	-0.3112E-05	0.5716E-17	0.7204	0.1937	0.2215E-07	0.2215E-07
3	0.3253E-06	0.6248E-19	0.7206	11.33	0.7575E-04	0.7205	-0.3147E-09	0.5849E-25	0.2215E-07
4	2.073	0.2537E-05	0.7206	0.2859E-09	0.4827E-25	0.7205	-61.84	0.2258E-02	0.2258E-02
5	0.6657E-08	0.2617E-22	0.7206	-0.2546	0.3827E-07	0.7205	-0.1788E-07	0.1887E-21	0.2258E-02
6	-0.4839E-09	0.1382E-24	0.7206	1.644	0.1596E-05	0.7205	-0.9903E-07	0.5790E-20	0.2258E-02
7	-0.9864E-01	0.5745E-08	0.7206	0.2419E-10	0.3456E-27	0.7205	970.9	0.5565	0.5588
8	0.3431E-08	0.6951E-23	0.7206	5.903	0.2057E-04	0.7205	-0.3949E-09	0.9207E-25	0.5588
9	0.1506E-09	0.1340E-25	0.7206	0.4374E-01	0.1129E-08	0.7205	0.1453E-08	0.1247E-23	0.5588
10	-0.1964E-09	0.2277E-25	0.7206	-0.7837E-01	0.3627E-08	0.7205	-0.2794E-08	0.4608E-23	0.5588
11	-0.8698	0.4467E-06	0.7206	-0.1006E-09	0.5978E-26	0.7205	-36.13	0.7709E-03	0.5595
12	0.4941E-01	0.1441E-08	0.7206	-0.8113E-10	0.3886E-26	0.7205	1.704	0.1714E-05	0.5595
13	0.3046E-01	0.5479E-09	0.7206	0.2272E-10	0.3048E-27	0.7205	0.7379	0.3215E-06	0.5595
14	-0.1246	0.9163E-08	0.7206	0.3351E-09	0.6631E-25	0.7205	124.8	0.9201E-02	0.5687
15	-0.2678E-02	0.4234E-11	0.7206	0.9983E-09	0.5884E-24	0.7205	-0.6907E-01	0.2817E-08	0.5687
16	0.1081E-02	0.6893E-12	0.7206	-0.2654E-09	0.4159E-25	0.7205	-0.1263	0.9412E-08	0.5687
17	-0.5169E-02	0.1577E-10	0.7206	0.8949E-09	0.4728E-24	0.7205	1.901	0.2133E-05	0.5687
18	-0.2441	0.3518E-07	0.7206	-0.1752E-06	0.1812E-19	0.7205	-20.32	0.2437E-03	0.5690
19	0.9677E-01	0.5529E-08	0.7206	0.1823E-10	0.1962E-27	0.7205	-82.16	0.3985E-02	0.5730
20	0.1212E-02	0.8672E-12	0.7206	-0.1179E-09	0.8202E-26	0.7205	-1.809	0.1931E-05	0.5730
21	0.6769E-04	0.2706E-14	0.7206	-0.3341E-10	0.6589E-27	0.7205	-1.285	0.9753E-06	0.5730
22	-0.2338E-03	0.3227E-13	0.7206	0.2688E-12	0.4265E-31	0.7205	-3.885	0.8909E-05	0.5730
23	0.2121E-02	0.2699E-11	0.7206	-0.1373E-10	0.1112E-27	0.7205	0.3674	0.7966E-07	0.5730
24	-0.3930E-03	0.9118E-13	0.7206	0.2106E-10	0.2620E-27	0.7205	2.246	0.2978E-05	0.5730
25	-0.3767E-04	0.8379E-15	0.7206	0.4224E-10	0.1053E-26	0.7205	2.130	0.2680E-05	0.5730
26	0.3608E-03	0.7684E-13	0.7206	-0.1768E-11	0.1847E-29	0.7205	0.5237	0.1619E-06	0.5730
27	0.2325E-04	0.3193E-15	0.7206	0.3924E-11	0.9090E-29	0.7205	1.254	0.9283E-06	0.5730
28	-0.4050E-03	0.9683E-13	0.7206	-0.1874E-10	0.2074E-27	0.7205	-0.4571	0.1234E-06	0.5730
29	-0.7310E-03	0.3154E-12	0.7206	-0.1423E-09	0.1196E-25	0.7205	0.2348	0.3256E-07	0.5730
30	-0.1800E-03	0.1913E-13	0.7206	0.1285E-10	0.9746E-28	0.7205	-0.4474	0.1182E-06	0.5730
31	-0.1765E-03	0.1840E-13	0.7206	-0.8180E-11	0.3951E-28	0.7205	0.1988	0.2334E-07	0.5730
32	-0.1751E-03	0.1810E-13	0.7206	0.3017E-10	0.5375E-27	0.7205	-0.3901	0.8984E-07	0.5730
33	-0.2850E-03	0.4794E-13	0.7206	0.1202E-10	0.8534E-28	0.7205	0.2142	0.2709E-07	0.5730
34	0.1252E-03	0.9253E-14	0.7206	-0.4554E-11	0.1224E-28	0.7205	0.2805	0.4646E-07	0.5730
35	0.1653E-01	0.1613E-09	0.7206	-0.4105E-10	0.9947E-27	0.7205	-0.9969E-02	0.5668E-10	0.5730
36	0.3219E-02	0.6117E-11	0.7206	-0.4053E-10	0.9697E-27	0.7205	0.9826	0.5700E-06	0.5730
37	-0.4118E-02	0.1001E-10	0.7206	0.1158E-09	0.7916E-26	0.7205	3.951	0.9218E-05	0.5730
38	0.1552E-02	0.1421E-11	0.7206	-0.1406E-08	0.1167E-23	0.7205	34.97	0.7219E-03	0.5737
39	0.1142E-02	0.7704E-12	0.7206	-0.1780E-08	0.1871E-23	0.7205	-68.55	0.2775E-02	0.5765
40	-0.1069E-08	0.6753E-24	0.7206	0.4438E-01	0.1163E-08	0.7205	-0.9936E-07	0.5829E-20	0.5765

MODE	THX DIRECTION			THY DIRECTION			THZ DIRECTION		
	P. FACTOR	MASS P.F.	SUM M.P.F.	P. FACTOR	MASS P.F.	SUM M.P.F.	P. FACTOR	MASS P.F.	SUM M.P.F.
1	88.41	0.1192E-02	0.1192E-02	-0.2484E-06	0.3759E-19	0.3759E-19	-0.3509E-03	0.2726E-13	0.2726E-13
2	-0.2492E-06	0.9472E-20	0.1192E-02	-88.28	0.4748E-02	0.4748E-02	-0.2316E-11	0.1188E-29	0.2726E-13

3	1.413	0.3045E-06	0.1193E-02	-0.2598E-07	0.4114E-21	0.4748E-02	0.1195E-01	0.3165E-10	0.3168E-10
4	-0.2949E-08	0.1327E-23	0.1193E-02	2.915	0.5176E-05	0.4753E-02	0.1873E-10	0.7771E-28	0.3168E-10
5	6.518	0.6479E-05	0.1199E-02	0.6086E-09	0.2256E-24	0.4753E-02	-0.5057E-01	0.5664E-09	0.5980E-09
6	-102.4	0.1598E-02	0.2797E-02	-0.5037E-11	0.1546E-28	0.4753E-02	0.2423E-03	0.1301E-13	0.5981E-09
7	-0.1052E-07	0.1689E-22	0.2797E-02	0.2087	0.2653E-07	0.4753E-02	-0.5481E-12	0.6653E-31	0.5981E-09
8	-25.54	0.9948E-04	0.2896E-02	-0.2773E-09	0.4685E-25	0.4753E-02	0.3922E-01	0.3407E-09	0.9388E-09
9	6.971	0.7412E-05	0.2904E-02	0.2026E-10	0.2501E-27	0.4753E-02	-0.4444E-01	0.4374E-09	0.1376E-08
10	-34.55	0.1820E-03	0.3086E-02	0.4306E-10	0.1130E-26	0.4753E-02	0.1352E-01	0.4049E-10	0.1417E-08
11	0.2232E-09	0.7599E-26	0.3086E-02	0.4425	0.1193E-06	0.4753E-02	-0.5648E-11	0.7064E-29	0.1417E-08
12	-0.1651E-09	0.4157E-26	0.3086E-02	-0.2376	0.3439E-07	0.4753E-02	-0.2277E-08	0.1148E-23	0.1417E-08
13	0.8408E-10	0.1078E-26	0.3086E-02	0.8199E-01	0.4096E-08	0.4753E-02	0.3410E-09	0.2575E-25	0.1417E-08
14	0.4344E-09	0.2877E-25	0.3086E-02	0.5669	0.1958E-06	0.4753E-02	0.7920E-08	0.1389E-22	0.1417E-08
15	0.3109E-07	0.1474E-21	0.3086E-02	17.98	0.1969E-03	0.4950E-02	-0.2261E-08	0.1132E-23	0.1417E-08
16	-0.8033E-08	0.9841E-23	0.3086E-02	-28.78	0.5047E-03	0.5455E-02	0.5867E-09	0.7623E-25	0.1417E-08
17	0.2815E-07	0.1208E-21	0.3086E-02	-28.97	0.5112E-03	0.5966E-02	-0.2040E-08	0.9219E-24	0.1417E-08
18	-0.6314E-06	0.6080E-19	0.3086E-02	-1.934	0.2280E-05	0.5969E-02	-0.4373E-05	0.4235E-17	0.1417E-08
19	0.6884E-09	0.7227E-25	0.3086E-02	0.6003	0.2196E-06	0.5969E-02	-0.5509E-10	0.6720E-27	0.1417E-08
20	-0.3667E-08	0.2050E-23	0.3086E-02	1.476	0.1328E-05	0.5970E-02	0.2663E-09	0.1571E-25	0.1417E-08
21	-0.2827E-09	0.1219E-25	0.3086E-02	-0.1050	0.6715E-08	0.5970E-02	0.1808E-10	0.7236E-28	0.1417E-08
22	-0.4074E-09	0.2531E-25	0.3086E-02	-0.3000	0.5483E-07	0.5970E-02	0.3161E-10	0.2212E-27	0.1417E-08
23	-0.1782E-09	0.4840E-26	0.3086E-02	2.105	0.2701E-05	0.5973E-02	0.1219E-10	0.3291E-28	0.1417E-08
24	0.2642E-09	0.1065E-25	0.3086E-02	-0.4761	0.1381E-06	0.5973E-02	-0.2006E-10	0.8912E-28	0.1417E-08
25	0.1547E-08	0.3648E-24	0.3086E-02	-0.2953	0.5314E-07	0.5973E-02	-0.1122E-09	0.2787E-26	0.1417E-08
26	-0.7557E-10	0.8710E-27	0.3086E-02	1.510	0.1389E-05	0.5974E-02	0.5174E-11	0.5929E-29	0.1417E-08
27	0.2900E-09	0.1282E-25	0.3086E-02	-0.5170	0.1628E-06	0.5975E-02	-0.2693E-10	0.1606E-27	0.1417E-08
28	-0.5362E-09	0.4384E-25	0.3086E-02	-2.160	0.2842E-05	0.5977E-02	0.3637E-10	0.2929E-27	0.1417E-08
29	-0.7236E-09	0.7985E-25	0.3086E-02	-0.8064	0.3962E-06	0.5978E-02	-0.1215E-09	0.3269E-26	0.1417E-08
30	0.4764E-09	0.3462E-25	0.3086E-02	-0.3524	0.7566E-07	0.5978E-02	-0.3224E-10	0.2301E-27	0.1417E-08
31	-0.3688E-09	0.2074E-25	0.3086E-02	-0.6162	0.2313E-06	0.5978E-02	0.2960E-10	0.1941E-27	0.1417E-08
32	0.5945E-09	0.5389E-25	0.3086E-02	-0.4469	0.1217E-06	0.5978E-02	-0.4157E-10	0.3827E-27	0.1417E-08
33	0.3741E-09	0.2134E-25	0.3086E-02	-0.4806	0.1407E-06	0.5978E-02	-0.2850E-10	0.1799E-27	0.1417E-08
34	-0.2528E-09	0.9748E-26	0.3086E-02	0.2219	0.3001E-07	0.5978E-02	0.1576E-10	0.5503E-28	0.1417E-08
35	-0.1273E-08	0.2470E-24	0.3086E-02	43.77	0.1167E-02	0.7146E-02	0.9249E-10	0.1895E-26	0.1417E-08
36	-0.1295E-08	0.2559E-24	0.3086E-02	-18.43	0.2069E-03	0.7353E-02	0.9507E-10	0.2002E-26	0.1417E-08
37	0.3604E-08	0.1981E-23	0.3086E-02	6.284	0.2406E-04	0.7377E-02	-0.2620E-09	0.1520E-25	0.1417E-08
38	-0.4207E-07	0.2699E-21	0.3086E-02	-0.3658	0.8153E-07	0.7377E-02	0.3050E-08	0.2060E-23	0.1417E-08
39	-0.5564E-07	0.4722E-21	0.3086E-02	-0.1946	0.2308E-07	0.7377E-02	0.4041E-08	0.3616E-23	0.1417E-08
40	66.90	0.6826E-03	0.3768E-02	-0.9351E-08	0.5327E-22	0.7377E-02	-0.1058E-01	0.2477E-10	0.1414E-08

TOTAL MASS ACTING IN X DIRECTION = 0.169376E+07 KG
TOTAL MASS ACTING IN Y DIRECTION = 0.169376E+07 KG
TOTAL MASS ACTING IN Z DIRECTION = 0.169376E+07 KG

LOCATIONS USED DURING OUTPUT PROCESS = 432226
LOCATIONS AVAILABLE = 98304000

TIME FOR OUTPUT PROCESS = 0.00000E+00 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 2.9210 SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 3 SECS

TIME AT CENTRAL PROCESSOR = 10:12:10 ON 28/05/21 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	1592	13210	8783	0	122.2812
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	64	107	54	0	0.3750000
PLOT	16384	43778	52103	8029	0	131.4219
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 10:12:11 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 NLPZ 98304000
 NPGS 960
 MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
 IDTIME 1

LL UU UU SSSSSS AAAA SSSSSS
 LL UU UU SS SS AA AA SS SS
 LL UU UU SS AA AA SS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SSSSSS AAAAAAAA SSSSS
 LL UU UU SS AA AA SS
 LLLLLLLL UU UU SS SS AA AA SS SS
 LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
 Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
 Forge House,
 66 High Street,
 Kingston upon Thames,
 Surrey, KT1 1HN, UK
 www.lusas.com
 Sales Enquiries: Tel +44 (0)20 8541 1999
 Fax +44 (0)20 8549 9399
 Email: info@lusas.com
 Customer Support: Tel +44 (0)20 3325 0440
 Fax +44 (0)20 8549 9399
 Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021
 Using Sentinel license server.
 Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
 Element Library : Plus
 Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
 Input file :
 D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale~07 - spalle.dat
 Number of processors available : 8
 Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:12:13 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C
 GRAVITY DIRECTION = Z ACCELERATION = -9.810
 O P T I O N (S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
 O P T I O N (S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
 O P T I O N (S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
 O P T I O N (S) 123 CLOCKWISE NODE NUMBERING
 O P T I O N (S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
 O P T I O N (S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
 O P T I O N (S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
 O P T I O N (S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
 O P T I O N (S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
 O P T I O N (S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
 O P T I O N (S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
 O P T I O N (S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
 O P T I O N (S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N (S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N (S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N (S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N (S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N (S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N (S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	2	3	1671	1672
2	6	5	1663	1664
11	13	12	1669	1670
63	61	60	1665	1666
64	65	64	1667	1668
82	95	96	1659	1660
83	117	118	1661	1662
84	75	123	1655	1656
85	85	124	1653	1654
86	97	125	1657	1658

87	107	126	1651	1652
524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
QTS4	ELEMENTS			
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
531	506	507	565	564
532	507	508	566	565
533	508	509	567	566
534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
547	522	523	581	580
548	523	524	582	581
549	524	525	583	582
550	525	526	584	583
551	526	527	585	584
552	527	528	586	585
553	528	529	587	586
554	529	530	588	587
555	530	531	589	588
556	531	532	590	589
557	532	533	591	590
558	533	534	592	591
559	534	535	593	592
560	535	536	594	593
561	536	537	595	594
562	537	538	596	595
563	538	539	597	596
564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
575	550	551	609	608
576	551	552	610	609
577	552	553	611	610
578	553	554	612	611
579	554	555	613	612
580	555	556	614	613
581	556	557	615	614
582	559	560	617	616
583	560	561	618	617
584	561	562	619	618
585	562	563	620	619
586	563	564	621	620
587	564	565	622	621
588	565	566	623	622
589	566	567	624	623
590	567	568	625	624
591	568	569	626	625
592	569	570	627	626
593	570	571	628	627
594	571	572	629	628
595	572	573	630	629
596	573	574	631	630
597	574	575	632	631
598	575	576	633	632
599	576	577	634	633
600	577	578	635	634
601	578	579	636	635
602	579	580	637	636
603	580	581	638	637
604	581	582	639	638
605	582	583	640	639
606	583	584	641	640
607	584	585	642	641
608	585	586	643	642
609	586	587	644	643
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620	597	598	655	654
621	598	599	656	655
622	599	600	657	656
623	600	601	658	657
624	601	602	659	658
625	602	603	660	659
626	603	604	661	660
627	604	605	662	661
628	605	606	663	662
629	606	607	664	663
630	607	608	665	664
631	608	609	666	665
632	609	610	667	666
633	610	611	668	667
634	611	612	669	668
635	612	613	670	669
636	613	614	671	670
637	614	615	672	671
638	615	616	673	672
639	616	617	674	673
640	617	618	675	674
641	618	619	676	675
642	619	620	677	676
643	620	621	678	677
644	621	622	679	678
645	622	623	680	679
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710	632	633	690	689
711	633	634	691	690
712	634	635	692	691
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722	644	645	702	701
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740	662	663	720	719
741	663	664	721	720
742	664	665	722	721
743	665	666	723	722
744	666	667	724	723
745	667	668	725	724
746	668	669	726	725
747	669	670	727	726
748	670	671	728	727
749	671	672	729	728
750	673	674	731	730
751	674	675	732	731
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753	676	677	734	733
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756	679	680	737	736
757	680	681	738	737
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759	682	683	740	739
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761	684	685	742	741
762	685	686	743	742
763	686	687	744	743
764	687	688	745	744
765	688	689	746	745
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785	708	709	766	765
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787	710	711	768	767
788	711	712	769	768
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800	723	724	781	780
801	724	725	782	781
802	725	726	783	782
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805	728	729	786	785
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808	732	733	790	789
809	733	734	791	790
810	734	735	792	791
811	735	736	793	792
812	736	737	794	793
813	737	738	795	794
814	738	739	796	795
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822	746	747	804	803
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824	748	749	806	805
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826	750	751	808	807
827	751	752	809	808
828	752	753	810	809
829	753	754	811	810
830	754	755	812	811
831	755	756	813	812
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833	757	758	815	814
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835	759	760	817	816
836	760	761	818	817
837	761	762	819	818
838	762	763	820	819
839	763	764	821	820
840	764	765	822	821
841	765	766	823	822
842	766	767	824	823
843	767	768	825	824
844	768	769	826	825
845	769	770	827	826
846	770	771	828	827
847	771	772	829	828

848	772	773	830	829
849	773	774	831	830
850	774	775	832	831
851	775	776	833	832
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854	778	779	836	835
855	779	780	837	836
856	780	781	838	837
857	781	782	839	838
858	782	783	840	839
859	783	784	841	840
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861	785	786	843	842
862	787	788	845	844
863	788	789	846	845
864	789	790	847	846
865	790	791	848	847
866	791	792	849	848
867	792	793	850	849
868	793	794	851	850
869	794	795	852	851
870	795	796	853	852
871	796	797	854	853
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874	799	800	857	856
875	800	801	858	857
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877	802	803	860	859
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879	804	805	862	861
880	805	806	863	862
881	806	807	864	863
882	807	808	865	864
883	808	809	866	865
884	809	810	867	866
885	810	811	868	867
886	811	812	869	868
887	812	813	870	869
888	813	814	871	870
889	814	815	872	871
890	815	816	873	872
891	816	817	874	873
892	817	818	875	874
893	818	819	876	875
894	819	820	877	876
895	820	821	878	877
896	821	822	879	878
897	822	823	880	879
898	823	824	881	880
899	824	825	882	881
900	825	826	883	882
901	826	827	884	883
902	827	828	885	884
903	828	829	886	885
904	829	830	887	886
905	830	831	888	887
906	831	832	889	888
907	832	833	890	889
908	833	834	891	890
909	834	835	892	891
910	835	836	893	892
911	836	837	894	893
912	837	838	895	894
913	838	839	896	895
914	839	840	897	896
915	840	841	898	897
916	841	842	899	898
917	842	843	900	899
974	844	845	902	901
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976	846	847	904	903
977	847	848	905	904
978	848	849	906	905
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980	850	851	908	907
981	851	852	909	908
982	852	853	910	909
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984	854	855	912	911
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986	856	857	914	913
987	857	858	915	914
988	858	859	916	915
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991	861	862	919	918
992	862	863	920	919
993	863	864	921	920
994	864	865	922	921
995	865	866	923	922
996	866	867	924	923
997	867	868	925	924
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999	869	870	927	926
1000	870	871	928	927
1001	871	872	929	928
1002	872	873	930	929
1003	873	874	931	930
1004	874	875	932	931
1005	875	876	933	932
1006	876	877	934	933
1007	877	878	935	934
1008	878	879	936	935
1009	879	880	937	936
1010	880	881	938	937
1011	881	882	939	938
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1013	883	884	941	940
1014	884	885	942	941
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1018	888	889	946	945
1019	889	890	947	946
1020	890	891	948	947
1021	891	892	949	948
1022	892	893	950	949
1023	893	894	951	950
1024	894	895	952	951
1025	895	896	953	952
1026	896	897	954	953
1027	897	898	955	954
1028	898	899	956	955
1029	899	900	957	956
1030	901	902	960	959
1031	902	903	961	960
1032	903	904	962	961
1033	904	905	963	962
1034	905	906	964	963
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1037	908	909	967	966
1038	909	910	968	967
1039	910	911	969	968
1040	911	912	970	969
1041	912	913	971	970
1042	913	914	972	971
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1046	917	918	976	975
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1048	919	920	978	977
1049	920	921	979	978
1050	921	922	980	979
1051	922	923	981	980
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1056	927	928	986	985
1057	928	929	987	986
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1059	930	931	989	988
1060	931	932	990	989
1061	932	933	991	990
1062	933	934	992	991
1063	934	935	993	992
1064	935	936	994	993
1065	936	937	995	994
1066	937	938	996	995
1067	938	939	997	996
1068	939	940	998	997
1069	940	941	999	998
1070	941	942	1000	999
1071	942	943	1001	1000
1072	943	944	1002	1001
1073	944	945	1003	1002
1074	945	946	1004	1003
1075	946	947	1005	1004
1076	947	948	1006	1005
1077	948	949	1007	1006
1078	949	950	1008	1007
1079	950	951	1009	1008
1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS		
PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

E L E M E N T T O P O L O G Y

ELEMENT NUMBER	ELEMENT NODE NUMBERS	END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED)	
BMI21	ELEMENTS		
3	1	7	1633
4	4	8	1637
5	7	9	1634
6	8	10	1638
7	5	18	1182
8	3	21	1643
9	9	15	1635
10	10	16	1639
12	11	17	1595
13	14	19	1591
14	15	20	1636
15	16	22	1640
16	20	21	1641
17	21	22	1642
18	17	23	1596
19	19	24	1592
20	20	25	1617
21	22	26	1625
22	12	33	1599
23	18	31	1179
24	23	27	1597
25	24	28	1593
26	25	29	1618
27	26	30	1626
28	27	32	1598
29	28	34	1594
30	29	35	1619
31	30	36	1627
32	33	32	1601
33	34	33	1600
34	32	37	1569
35	34	38	1574
36	35	39	1620
37	36	40	1628
38	21	54	1646
39	31	45	1180
40	37	41	1570
41	38	42	1575
42	39	43	1621
43	40	44	1629
44	41	46	1571
45	42	47	1576
46	43	48	1622
47	44	49	1630
48	33	74	1604
49	46	50	1572
50	47	51	1577
51	48	52	1623
52	49	53	1631
53	45	62	1181
55	50	58	1573
56	51	70	1578
57	52	66	1624
58	53	73	1632
59	55	60	1192
60	62	56	1178
61	57	64	1188
62	58	59	1649
65	66	63	1650
66	60	67	1189
67	68	62	1177
68	64	69	1185
69	70	71	1647
70	73	72	1648
71	75	55	1191
72	85	56	1184
73	95	57	1187
74	67	97	1190
75	107	68	1183
76	69	117	1186
77	58	119	1585
78	66	120	1605
79	70	121	1579
80	73	122	1611
88	96	127	1279
89	118	128	1235
90	76	133	1379

91	77	134	1243
92	78	135	1399
93	79	136	1247
94	80	137	1419
95	81	138	1251
96	82	139	1439
97	83	140	1255
98	84	141	1459
99	86	142	1479
100	87	143	1263
101	88	144	1499
102	89	145	1267
103	90	146	1519
104	91	147	1271
105	92	148	1539
106	93	149	1275
107	94	150	1559
108	98	151	1375
109	99	152	1199
110	100	153	1395
111	101	154	1203
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113	103	156	1207
114	104	157	1435
115	105	158	1211
116	106	159	1455
117	108	160	1475
118	109	161	1219
119	110	162	1495
120	111	163	1223
121	112	164	1515
122	113	165	1227
123	114	166	1535
124	115	167	1231
125	116	168	1555
126	123	129	1239
127	124	130	1259
128	125	131	1195
129	126	132	1215
130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
161	154	200	1204
162	155	201	1416
163	156	202	1208
164	157	203	1436
165	158	204	1212
166	159	205	1456
167	160	206	1476
168	161	207	1220
169	162	208	1496
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171	164	210	1516
172	165	211	1228
173	166	212	1536
174	167	213	1232
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176	169	215	1237
177	170	216	1257
178	171	217	1277
179	172	218	1193
180	173	219	1213
181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
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188	181	223	1397
189	182	224	1245
190	183	225	1417
191	184	226	1249
192	185	227	1437
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199	192	234	1517
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201	194	236	1537
202	195	237	1273
203	196	238	1557
204	197	239	1373
205	198	240	1197
206	199	241	1393
207	200	242	1201
208	201	243	1413
209	202	244	1205
210	203	245	1433
211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
218	211	253	1225
219	212	254	1533
220	213	255	1229
221	214	256	1553
222	215	261	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398
231	224	265	1246

232	225	266	1418
233	226	267	1250
234	227	268	1438
235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
242	235	277	1270
243	236	278	1538
244	237	279	1274
245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
249	242	349	1202
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251	244	351	1206
252	245	352	1434
253	246	353	1210
254	247	354	1454
255	248	356	1474
256	249	357	1218
257	250	358	1494
258	251	359	1222
259	252	360	1514
260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
270	267	288	1145
271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
275	272	293	1469
276	273	294	1157
277	274	295	1489
278	275	296	1161
279	276	297	1509
280	277	298	1165
281	278	299	1529
282	279	300	1169
283	280	301	1549
284	281	302	1173
285	282	303	1134
286	283	304	1370
287	284	305	1138
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289	286	307	1142
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298	295	316	1490
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305	302	323	1174
306	303	324	1135
307	304	325	1371
308	305	326	1139
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313	310	331	1431
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315	312	333	1451
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317	314	335	1471
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323	320	341	1531
324	321	342	1171
325	322	343	1551
326	323	344	1175
327	324	345	1136
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331	328	349	1144
332	329	350	1412
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337	334	355	1156
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341	338	359	1164
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356	270	374	1467
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366	346	384	1383
367	347	385	1287
368	348	386	1403
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370	350	388	1423
371	351	389	1295
372	352	390	1443

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374	354	392	1463
375	356	393	1483
376	357	394	1307
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379	360	397	1523
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381	362	399	1543
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383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
397	369	411	1336
398	370	412	1428
399	371	413	1340
400	372	414	1448
401	373	415	1344
402	374	416	1468
403	375	417	1488
404	376	418	1352
405	377	419	1508
406	378	420	1356
407	379	421	1528
408	380	422	1360
409	381	423	1548
410	382	424	1364
411	383	425	1568
412	384	426	1384
413	385	427	1288
414	386	428	1404
415	387	429	1292
416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
427	399	441	1544
428	400	442	1320
429	401	443	1564
430	402	448	1328
431	403	449	1348
432	404	450	1368
433	405	451	1284
434	406	452	1304
435	407	453	1324
436	408	454	1385
437	409	455	1329
438	410	456	1405
439	411	457	1333
440	412	458	1425
441	413	459	1337
442	414	460	1445
443	415	461	1341
444	416	462	1465
445	417	463	1485
446	418	464	1349
447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
468	440	486	1313
469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
485	457	627	1334
486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310
513	485	885	1522

514	486	888	1314
515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS = 1091
 LARGEST ELEMENT NUMBER = 1091
 LARGEST NODE NUMBER = 1680

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.62500	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750
137	20.0000	2.35000	-1.89750

138	24.0000	2.35000	-1.89750
139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.00000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.00000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.00000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.00000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.00000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000
278	69.0000	2.35000	-1.10000

279	73.0000	2.35000	-1.10000
280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	4.00000	2.35000	-0.775000
404	8.00000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	4.00000	8.90000	-0.775000
407	8.00000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000
419	52.2500	2.35000	-0.705000

420	56.5000	2.35000	-0.705000
421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00
560	1.33333	0.750000	0.000000E+00

561	2.66667	0.750000	0.000000E+00
562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.350000	0.000000E+00
617	1.33333	2.350000	0.000000E+00
618	2.66667	2.350000	0.000000E+00
619	4.00000	2.350000	0.000000E+00
620	5.33333	2.350000	0.000000E+00
621	6.66667	2.350000	0.000000E+00
622	8.00000	2.350000	0.000000E+00
623	10.0000	2.350000	0.000000E+00
624	12.0000	2.350000	0.000000E+00
625	13.3333	2.350000	0.000000E+00
626	14.6667	2.350000	0.000000E+00
627	16.0000	2.350000	0.000000E+00
628	17.3333	2.350000	0.000000E+00
629	18.6667	2.350000	0.000000E+00
630	20.0000	2.350000	0.000000E+00
631	22.0000	2.350000	0.000000E+00
632	24.0000	2.350000	0.000000E+00
633	25.3333	2.350000	0.000000E+00
634	26.6667	2.350000	0.000000E+00
635	28.0000	2.350000	0.000000E+00
636	29.3333	2.350000	0.000000E+00
637	30.6667	2.350000	0.000000E+00
638	32.0000	2.350000	0.000000E+00
639	34.0000	2.350000	0.000000E+00
640	36.0000	2.350000	0.000000E+00
641	37.3333	2.350000	0.000000E+00
642	38.6667	2.350000	0.000000E+00
643	40.0000	2.350000	0.000000E+00
644	41.3333	2.350000	0.000000E+00
645	42.6667	2.350000	0.000000E+00
646	44.0000	2.350000	0.000000E+00
647	46.0000	2.350000	0.000000E+00
648	48.0000	2.350000	0.000000E+00
649	49.4167	2.350000	0.000000E+00
650	50.8333	2.350000	0.000000E+00
651	52.2500	2.350000	0.000000E+00
652	53.6667	2.350000	0.000000E+00
653	55.0833	2.350000	0.000000E+00
654	56.5000	2.350000	0.000000E+00
655	58.0000	2.350000	0.000000E+00
656	59.3750	2.350000	0.000000E+00
657	60.7500	2.350000	0.000000E+00
658	62.1667	2.350000	0.000000E+00
659	63.5833	2.350000	0.000000E+00
660	65.0000	2.350000	0.000000E+00
661	66.3333	2.350000	0.000000E+00
662	67.6667	2.350000	0.000000E+00
663	69.0000	2.350000	0.000000E+00
664	70.0000	2.350000	0.000000E+00
665	71.5000	2.350000	0.000000E+00
666	73.0000	2.350000	0.000000E+00
667	74.3333	2.350000	0.000000E+00
668	75.6667	2.350000	0.000000E+00
669	77.0000	2.350000	0.000000E+00
670	78.3333	2.350000	0.000000E+00
671	79.6667	2.350000	0.000000E+00
672	81.0000	2.350000	0.000000E+00
673	0.000000E+00	3.987500	0.000000E+00
674	1.33333	3.987500	0.000000E+00
675	2.66667	3.987500	0.000000E+00
676	4.00000	3.987500	-0.111022E-15
677	5.33333	3.987500	0.000000E+00
678	6.66667	3.987500	0.000000E+00
679	8.00000	3.987500	0.000000E+00
680	10.0000	3.987500	0.000000E+00
681	12.0000	3.987500	0.000000E+00
682	13.3333	3.987500	0.000000E+00
683	14.6667	3.987500	0.000000E+00
684	16.0000	3.987500	0.000000E+00
685	17.3333	3.987500	-0.357931E-15
686	18.6667	3.987500	-0.930621E-15
687	20.0000	3.987500	-0.644276E-14
688	22.0000	3.987500	0.000000E+00
689	24.0000	3.987500	0.000000E+00
690	25.3333	3.987500	0.000000E+00
691	26.6667	3.987500	0.000000E+00
692	28.0000	3.987500	0.277556E-16
693	29.3333	3.987500	0.000000E+00
694	30.6667	3.987500	0.000000E+00
695	32.0000	3.987500	0.000000E+00
696	34.0000	3.987500	0.000000E+00
697	36.0000	3.987500	0.000000E+00
698	37.3333	3.987500	0.000000E+00
699	38.6667	3.987500	0.000000E+00
700	40.0000	3.987500	0.000000E+00
701	41.3333	3.987500	0.000000E+00

702	42.6667	3.98750	0.000000E+00
703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154043E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00
842	79.6667	7.26250	0.000000E+00

843	81.0000	7.26250	0.000000E+00
844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00
983	36.0000	11.2500	0.000000E+00

984	37.3333	11.2500	0.000000E+00
985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.62500	0.400000
1018	81.6750	5.62500	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00
1124	77.0000	3.35000	0.000000E+00

1125	78.3333	3.35000	0.000000E+00
1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750
1265	55.5000	2.35000	-1.49500

1266	55.5000	2.35000	-1.29750
1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000
1406	11.0000	2.35000	-0.352500

1407	11.0000	2.35000	-1.10000
1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500
1547	68.0000	2.35000	-1.10000

1548	68.0000	2.35000	-0.902500
1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7454	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	11.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES	=	1680
LARGEST NODE NUMBER	=	1680
DATA STORAGE LOCATIONS USED	=	11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
1	1ST NODE	=0.1076	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
	2ND NODE	=0.6300E-01	=0.9835E-01	=0.4254E-02	=0.3325E-04	=0.4460E-01
		ASY =0.6300E-01	EZ =1.241	EY =0.0000E+00	IYZ =0.0000E+00	
		ASY =0.1076	EZ =1.241	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
	2ND NODE	=0.1120	=0.1047	=0.4861E-02	=0.4992E-04	=0.3996E-01
		ASY =0.7200E-01	EZ =1.325	EY =0.0000E+00	IYZ =0.0000E+00	
		ASY =0.1120	EZ =1.325	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
3	1ST NODE	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
	2ND NODE	=0.1296	=0.1268	=0.6076E-02	=0.8828E-04	=0.3960E-01
		ASY =0.9000E-01	EZ =1.300	EY =0.0000E+00	IYZ =0.0000E+00	
		ASY =0.1296	EZ =1.300	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
	2ND NODE	=0.1692	=0.1735	=0.8506E-02	=0.2116E-03	=0.4320E-01
		ASY =0.1260	EZ =1.150	EY =0.0000E+00	IYZ =0.0000E+00	
		ASY =0.1692	EZ =1.150	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
5	1ST NODE	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
	2ND NODE	=0.2858E-01	=0.3034E-02	=0.1264E-03	=0.6186E-05	=0.1160E-01
		ASY =0.1520E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
		ASY =0.2858E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
6	1ST NODE	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
	2ND NODE	=0.7558E-01	=0.7584E-02	=0.1330E-02	=0.3328E-04	=0.2812E-01
		ASY =0.3325E-01	EZ =0.2000	EY =0.0000E+00	IYZ =0.1736E-19	
		ASY =0.7558E-01	EZ =0.2000	EY =0.0000E+00	IYZ =0.1736E-19	

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
7	1ST NODE	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
	2ND NODE	=0.6460E-01	=0.1566E-01	=0.2886E-03	=0.2565E-04	=0.3686E-01
		ASY =0.2424E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
		ASY =0.6460E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
8	1ST NODE	=10.75	=1.579	=67.26	=5.419	=8.604
	2ND NODE	=10.75	=1.579	=67.26	=5.419	=8.604
		ASY =7.783	EZ =0.0000E+00	EY =0.0000E+00	IYZ =-0.2305E-11	
		ASY =7.783	EZ =0.0000E+00	EY =0.0000E+00	IYZ =-0.2305E-11	

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
9	1ST NODE	=78.66	=312.1	=851.9	=777.5	=65.56
	2ND NODE	=78.66	=312.1	=851.9	=777.5	=65.56
		ASY =65.55	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
		ASY =65.55	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
10	1ST NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329
	2ND NODE	=1.595	=1.329	=0.1608	=0.0000E+00	=0.2795	=0.0000E+00	=0.3454	=0.0000E+00	=1.329

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000
	2ND NODE	=1.000	=1.000	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000	=0.0000E+00	=1.000

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
12	1ST NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02
	2ND NODE	=0.1628E-01	=0.7966E-02	=0.1869E-03	=0.8800E-01	=-0.1568E-03	=0.0000E+00	=0.1843E-05	=0.0000E+00	=0.4391E-02

G E O M E T R I C P R O P E R T I E S

rigida_spalla
PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
13	1ST NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05
	2ND NODE	=10.00	=0.1000E+05	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=10.00	=0.0000E+00	=0.1000E+05

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
14	1ST NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3
	2ND NODE	=242.8	=202.3	=2105.	=0.0000E+00	=0.1146E+05	=0.0000E+00	=6148.	=0.0000E+00	=202.3

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
15	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=-0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
16	1ST NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704
	2ND NODE	=6.831	=5.693	=0.2049	=1.075	=73.79	=0.5375	=0.7925	=0.0000E+00	=5.704

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
17	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10
	2ND NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=-0.5375	=66.91	=0.0000E+00	=26.10

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)

PROPERTY

BMI21	ELEMENTS	AREA	ASY	IYY	EZ	IZZ	EY	KT	IYZ	ASZ
18	1ST NODE	=31.31	=26.09	=19.73	=0.0000E+00	=338.2	=0.5375	=66.91	=0.0000E+00	=26.10

2ND NODE ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00
 AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

S=0.3m
 PROPERTY

20 QTS4 = ELEMENTS T1 = 0.3000 T2 = 0.3000 T3 = 0.3000 T4 = 0.3000
 EZ = -0.1500

GEOMETRIC PROPERTIES

Ecc0
 PROPERTY

19 JSH4 ELEMENTS
 ECCENTRICITY = 0.0000E+00
 DATA STORAGE LOCATIONS USED = 1002

GEOMETRIC ASSIGNMENTS

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	GEOMETRIC SET	LUSASM ID NO.
2	0	0	19	21
3	6	1	13	23
7	0	0	9	18
8	0	0	14	24
9	10	1	13	23
12	19	1	13	23
20	0	0	17	27
21	0	0	18	28
22	0	0	14	24
23	0	0	8	17
24	25	1	13	23
26	0	0	17	27
27	0	0	18	28
28	29	1	13	23
30	0	0	17	27
31	0	0	18	28
32	33	1	13	23
34	0	0	18	28
35	36	1	17	27
37	0	0	18	28
38	0	0	13	23
39	0	0	8	17
40	0	0	18	28
41	42	1	17	27
43	44	1	18	28
45	46	1	17	27
47	0	0	18	28
48	0	0	13	23
49	0	0	18	28
50	51	1	17	27
52	0	0	18	28
53	0	0	8	17
55	0	0	18	28
56	57	1	17	27
58	0	0	18	28
59	61	1	11	20
62	0	0	13	23
63	64	1	19	21
65	0	0	13	23
66	68	1	11	20
69	70	1	13	23
71	76	1	10	19
77	0	0	16	26
78	79	1	15	25
80	0	0	16	26
82	87	1	19	21
88	89	1	6	15
90	125	1	12	22
126	129	1	6	15
130	0	0	16	26
131	132	1	15	25
133	0	0	16	26
134	139	1	6	15
140	175	1	12	22
176	181	1	6	15
182	0	0	16	26
183	184	1	15	25
185	0	0	16	26
186	221	1	12	22
222	227	1	6	15
228	263	1	12	22
264	0	0	7	16
265	273	1	5	14
274	0	0	7	16
275	283	1	5	14
284	285	1	7	16
286	294	1	5	14
295	0	0	7	16
296	304	1	5	14
305	306	1	7	16
307	315	1	5	14
316	0	0	7	16
317	325	1	5	14
326	327	1	7	16
328	336	1	5	14
337	0	0	7	16
338	346	1	5	14
347	0	0	7	16
348	383	1	12	22
384	389	1	6	15
390	0	0	16	26
391	392	1	15	25
393	0	0	16	26
394	429	1	12	22
430	435	1	6	15
436	471	1	12	22
472	0	0	16	26
473	474	1	15	25
475	0	0	16	26
476	481	1	6	15
482	517	1	12	22
518	523	1	6	15
524	525	1	19	21
526	637	1	20	13
638	644	1	1	9
645	652	1	2	10
653	660	1	3	11
661	668	1	4	12

669	676	1	3	11
677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	114
TOTAL NUMBER OF ELEMENTS	=	1087
LARGEST ELEMENT NUMBER	=	1091
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	20
DATA STORAGE LOCATIONS USED	=	3261

JOINT PROPERTIES

MATERIAL

Incastro
11 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.1000E+16 KTY = 0.1000E+16 KTZ = 0.1000E+16

JOINT PROPERTIES

MATERIAL

Isolatori spalla
12 KX = 0.1710E+07 KY = 0.1710E+07 KZ = 0.1454E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

JOINT PROPERTIES

MATERIAL

Isolatori pile
13 KX = 0.2230E+07 KY = 0.2230E+07 KZ = 0.2186E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

JOINT PROPERTIES

MATERIAL

giunti
14 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

MATERIAL PROPERTIES MASS

MATERIAL

massa terreno spalla1
15 MX = 0.1241E+07 MY = 0.1241E+07 MZ = 0.1241E+07

MATERIAL PROPERTIES MASS

MATERIAL

massa terreno spalla2
16 MX = 0.1546E+07 MY = 0.1546E+07 MZ = 0.1546E+07

MATERIAL PROPERTIES

MATERIAL

Steel (elastic)
2 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

MATERIAL PROPERTIES

MATERIAL

Concrete_short_term_Phase3 (elastic)
3 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

MATERIAL PROPERTIES

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

MATERIAL PROPERTIES

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 606

M A T E R I A L A S S I G N M E N T S

FIRST SMEARED ELEMENT	LAST REINFORCEMENT ELEMENT	DIFF-ERENCE	MATERIAL SET	NSET	STRESS PLASTIC	POTENTIAL DATA SET	CREEP SET	DAMAGE SET	LusasM ID NO.	VISCOELASTIC SET	TWO PHASE MATERIAL SET	SHRINKAGE SET	KO SET	SET
1	2	1	11	0	0	0	0	0	17	0	0	0	0	0
3	6	1	10	0	0	0	0	0	25	0	0	0	0	0
7	0	0	3	0	0	0	0	0	5	0	0	0	0	0
8	0	0	9	0	0	0	0	0	24	0	0	0	0	0
9	10	1	10	0	0	0	0	0	25	0	0	0	0	0
11	0	0	11	0	0	0	0	0	17	0	0	0	0	0
12	19	1	10	0	0	0	0	0	25	0	0	0	0	0
20	21	1	1	0	0	0	0	0	6	0	0	0	0	0
22	0	0	9	0	0	0	0	0	24	0	0	0	0	0
23	0	0	3	0	0	0	0	0	5	0	0	0	0	0
24	25	1	10	0	0	0	0	0	25	0	0	0	0	0
26	27	1	1	0	0	0	0	0	6	0	0	0	0	0
28	29	1	10	0	0	0	0	0	25	0	0	0	0	0
30	31	1	1	0	0	0	0	0	6	0	0	0	0	0
32	33	1	10	0	0	0	0	0	25	0	0	0	0	0
34	37	1	1	0	0	0	0	0	6	0	0	0	0	0
38	0	0	10	0	0	0	0	0	25	0	0	0	0	0
39	0	0	3	0	0	0	0	0	5	0	0	0	0	0
40	47	1	1	0	0	0	0	0	6	0	0	0	0	0
48	0	0	10	0	0	0	0	0	25	0	0	0	0	0
49	52	1	1	0	0	0	0	0	6	0	0	0	0	0
53	0	0	3	0	0	0	0	0	5	0	0	0	0	0
54	0	0	16	0	0	0	0	0	26	0	0	0	0	0
55	58	1	1	0	0	0	0	0	6	0	0	0	0	0
59	61	1	5	0	0	0	0	0	15	0	0	0	0	0
62	0	0	10	0	0	0	0	0	25	0	0	0	0	0
63	64	1	11	0	0	0	0	0	17	0	0	0	0	0
65	0	0	10	0	0	0	0	0	25	0	0	0	0	0
66	68	1	5	0	0	0	0	0	15	0	0	0	0	0
69	70	1	10	0	0	0	0	0	25	0	0	0	0	0
71	76	1	3	0	0	0	0	0	5	0	0	0	0	0
77	80	1	1	0	0	0	0	0	6	0	0	0	0	0
81	0	0	15	0	0	0	0	0	23	0	0	0	0	0
82	84	1	12	0	0	0	0	0	27	0	0	0	0	0
85	0	0	13	0	0	0	0	0	29	0	0	0	0	0
86	0	0	12	0	0	0	0	0	27	0	0	0	0	0
87	0	0	13	0	0	0	0	0	29	0	0	0	0	0
88	89	1	10	0	0	0	0	0	25	0	0	0	0	0
90	125	1	4	0	0	0	0	0	14	0	0	0	0	0
126	129	1	10	0	0	0	0	0	25	0	0	0	0	0
130	133	1	1	0	0	0	0	0	6	0	0	0	0	0
134	139	1	10	0	0	0	0	0	25	0	0	0	0	0
140	175	1	4	0	0	0	0	0	14	0	0	0	0	0

					FREEDOM	U	FREEDOM	V	FREEDOM	W	FREEDOM	THX	FREEDOM	THY	FREEDOM	THZ
2	6	4	R R R R R R		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00	0.000000E+00
13	61	48	R R R R R R		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00	0.000000E+00
65	500	435	R R R R R R		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00	0.000000E+00
558	958	400	R R R R R R		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00	0.000000E+00
1015	0	0	R R R R R R		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00		0.000000E+00	0.000000E+00

TOTAL NUMBER OF SUPPORT NODES = 9
LARGEST NODE NUMBER = 1015
DATA STORAGE LOCATIONS USED = 180

L O A D C A S E 28

PPsottostrutture-spalle

CBF LOAD INPUT

NUMBER OF VALUES = 9 START LOCATION = 1

FIRST ELEMENT	LAST ELEMENT	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
8	20	12	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
21	22	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
26	27	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
30	31	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
34	37	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
40	47	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
49	52	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
55	58	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
77	80	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
130	133	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
182	185	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
390	393	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
472	475	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00
1088	1091	1	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 52
LARGEST NODE OR ELEMENT NUMBER = 1091

L O A D C A S E 29

PPreinterro

CBF LOAD INPUT

NUMBER OF VALUES = 9 START LOCATION = 1

FIRST ELEMENT	LAST ELEMENT	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
54	81	27	0.000000E+00	0.000000E+00	-9.81000	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 2
LARGEST NODE OR ELEMENT NUMBER = 81

L O A D C A S E 30

Spinte del terreno

FIRST NODE	LAST NODE	DIFF RICE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
1	4	3	0.20601E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
7	8	1	0.39664E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
9	10	1	0.37358E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
11	14	3	0.17372E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	16	1	0.35052E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
17	19	2	0.33207E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
20	22	2	0.32355E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
23	24	1	0.30901E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
25	26	1	0.29735E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
27	28	1	0.28595E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
29	30	1	0.27549E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
32	34	2	0.26289E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
35	36	1	0.25351E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
37	38	1	0.23983E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
39	40	1	0.23158E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
41	42	1	0.21677E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
43	44	1	0.20966E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
46	47	1	0.19371E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
48	49	1	0.18774E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
50	51	1	0.17065E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
52	53	1	0.16582E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
58	0	0	0.15198E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
66	0	0	0.14994E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
70	0	0	0.15198E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
73	0	0	0.14994E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
119	0	0	0.13119E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
120	0	0	0.13119E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
121	0	0	0.13119E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
122	0	0	0.13119E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
175	0	0	0.10495E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
176	0	0	0.10495E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
177	0	0	0.10495E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
178	0	0	0.10495E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
257	260	1	78713.	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

Table with 8 columns: Node ID, X, Y, Z, and four force components (FX, FY, FZ, MX, MY, MZ). Values range from 0 to 4372.9 and 0.00000E+00 to 0.00000E+00.

NUMBER OF LOADED NODES OR ELEMENTS = 70
LARGEST NODE OR ELEMENT NUMBER = 1020

LOAD CASE 31

Qk - tergo spalle

Table for concentrated load case 31. Columns: FIRST NODE, LAST NODE, DIFF, FORCE FX, FY, FZ, MX, MY, MZ. Includes values like 24274. and 48548. with various scientific notations.

NUMBER OF LOADED NODES OR ELEMENTS = 72
LARGEST NODE OR ELEMENT NUMBER = 1020

LOAD CASE 32

Eff inerziali spalle e reinterro - x

CBF LOAD INPUT

NUMBER OF VALUES = 9 START LOCATION = 1

Table for load case 32. Columns: FIRST ELEMENT, LAST ELEMENT, DIFF, VALUE 1, VALUE 2, VALUE 3, VALUE 4, VALUE 5, VALUE 6. Values include -4.40852 and 0.000000E+00.

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	-0.66704E-02	-0.13389E-06	-0.21459E+07	-0.74741E-04	0.39725E-02	0.37978E-07		
72	0	0	-0.87093E-02	-0.12845E-06	-0.22369E+07	0.13876E-03	0.39195E-02	0.37979E-07		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	72				

L O A D C A S E 38

ritiro via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	7663.5	0.54267E-06	0.24315E+06	0.16512E-04	3831.7	-0.27639E-07		
72	0	0	7426.9	-0.13912E-05	0.23726E+06	0.24820E-05	3713.4	0.21900E-06		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	72				

L O A D C A S E 39

cedim Spalla A via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	714.77	-0.98467E-07	18043.	-0.92157E-03	357.38	-0.13923E-06		
72	0	0	735.96	-0.21071E-07	17606.	-0.13664E-05	367.98	-0.19744E-07		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	72				

L O A D C A S E 40

cedim Spalla B via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	756.08	-0.18366E-06	18046.	0.22976E-05	378.04	0.10516E-06		
72	0	0	831.06	0.13874E-06	17610.	0.18974E-02	415.53	0.87102E-07		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	72				

L O A D C A S E 41

cedim app interni max Fz via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	72	13	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	72				

L O A D C A S E 42

cedim app interni min Fz via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	-1470.6	-0.26035E-06	-36094.	0.13351E-04	-735.28	-0.24503E-06		
72	0	0	-1566.1	0.41922E-06	-35222.	0.49463E-06	-783.04	0.20739E-06		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	72				

L O A D C A S E 43

DTN_Contraction via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	19274.	-0.20638E-05	1489.7	-0.85838E-07	9637.0	0.57411E-06		
72	0	0	19459.	-0.16247E-05	1548.3	0.63393E-05	9729.6	0.60584E-06		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	72				

L O A D C A S E 44

DTN_expansion via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	-45886.	0.49285E-05	-3546.6	0.16040E-06	-22943.	-0.13696E-05		
72	0	0	-46327.	0.38742E-05	-3686.1	-0.15106E-04	-23163.	-0.14452E-05		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 45

DT_M_Heat via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	-10724.	0.14963E-05	-0.24141E+06	-0.13942E-04	-5362.2	-0.34040E-06		
72	0	0	-10669.	0.10417E-05	-0.23558E+06	-0.13298E-05	-5334.3	-0.39428E-06		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 46

DT_M_Cool via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	12869.	-0.17939E-05	0.28970E+06	-0.16725E-04	6434.6	0.40998E-06		
72	0	0	12802.	-0.12633E-05	0.28269E+06	0.16284E-05	6401.2	0.47475E-06		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 47

Vento via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	-10.194	0.28784E+06	-228.31	-0.89049E+06	-5.0972	3194.1		
72	0	0	-10.256	-0.29255E+06	-222.80	0.96152E+06	-5.1278	-1907.2		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 48

env Qk_gr1_2 max Fx via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	0.17549E+06	-312.95	0.14017E+06	0.10520E+06	87746.	-781.27		
72	0	0	0.17581E+06	266.12	0.13093E+06	-96711.	87905.	897.86		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 49

env Qk_gr1_2 min Fx via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	-0.18015E+06	-225.53	-0.62830E+06	-0.63303E+06	-90075.	4309.0		
72	0	0	-0.18092E+06	247.71	-0.64427E+06	0.65247E+06	-90458.	-5060.9		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 50

env Qk_gr1_2 max Fz via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	335.30	-634.91	0.21726E+06	0.21538E+06	167.65	-1597.3		
72	0	0	973.78	537.73	0.19883E+06	-0.19735E+06	486.89	1829.4		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 51

env Qk_gr1_2 min Fz via sx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
59	0	0	-4764.4	43.378	-0.19546E+07	-16247.	-2382.2	-739.66			
72	0	0	-5634.8	-46.238	-0.19810E+07	11243.	-2817.4	868.66			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	72						

L O A D C A S E 52

env Qk_gr1_2 max Mx via sx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
59	0	0	-3702.7	262.27	-0.15508E+07	0.39502E+07	-1851.3	-11488.			
72	0	0	-4271.3	375.44	-0.15750E+07	0.39996E+07	-2135.6	-13589.			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	72						

L O A D C A S E 53

env Qk_gr1_2 min Mx via sx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
59	0	0	-3702.7	-262.27	-0.15508E+07	-0.39502E+07	-1851.3	11488.			
72	0	0	-4271.3	-375.44	-0.15750E+07	-0.39996E+07	-2135.6	13589.			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	72						

L O A D C A S E 54

env Qk_comb max Fz via sx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
59	0	0	229.60	-312.95	0.12523E+06	0.10520E+06	114.80	-781.27			
72	0	0	596.58	266.12	0.11501E+06	-96711.	298.29	897.86			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	72						

L O A D C A S E 55

env Qk_comb min Fz via sx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
59	0	0	-2025.1	16.900	-0.11937E+07	-58334.	-1012.6	-285.98			
72	0	0	-2400.9	-18.024	-0.12038E+07	56264.	-1200.5	334.07			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	72						

L O A D C A S E 56

env Qk_comb max Mx via sx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
59	0	0	-1563.7	107.97	-0.95713E+06	0.23445E+07	-781.87	-5005.6			
72	0	0	-1795.9	163.86	-0.96693E+06	0.23621E+07	-897.97	-5933.9			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	72						

L O A D C A S E 57

env Qk_comb min Mx via sx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
59	0	0	-1563.7	-107.97	-0.95713E+06	-0.23445E+07	-781.87	5005.6			

72 0 0 -1795.9 -163.86 -0.96693E+06 -0.23621E+07 -897.97 5933.9
 NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 72

L O A D C A S E 58

SLC_lg via sx

CONCENTRATED LOAD
 FIRST LAST DIFF FORCE FORCE FORCE FORCE FORCE FORCE
 NODE NODE RNCN FX FY FZ MX MY MZ
 59 0 0 0.10934E+07 0.46693E-02 86572. 0.13054E-01 0.54668E+06 0.19726E-03
 72 0 0 0.10930E+07 0.40472E-02 92591. 0.11811E-01 0.54652E+06 0.20723E-03
 NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 72

L O A D C A S E 59

SLC_tv via sx

CONCENTRATED LOAD
 FIRST LAST DIFF FORCE FORCE FORCE FORCE FORCE FORCE
 NODE NODE RNCN FX FY FZ MX MY MZ
 59 0 0 0.43609E-02 0.10626E+07 0.33008E-03 0.29362E+07 0.21805E-02 12669.
 72 0 0 0.43597E-02 0.11000E+07 0.41205E-03 0.32408E+07 0.21798E-02 5484.5
 NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 72

L O A D C A S E 60

SLC_vert via sx

CONCENTRATED LOAD
 FIRST LAST DIFF FORCE FORCE FORCE FORCE FORCE FORCE
 NODE NODE RNCN FX FY FZ MX MY MZ
 59 0 0 9163.5 0.72773E-04 0.14317E+07 0.98427E-02 4581.7 0.35780E-04
 72 0 0 9134.4 0.10395E-03 0.12682E+07 0.19578E-01 4567.2 0.79743E-04
 NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 72

L O A D C A S E 61

SLV_lg via sx

CONCENTRATED LOAD
 FIRST LAST DIFF FORCE FORCE FORCE FORCE FORCE FORCE
 NODE NODE RNCN FX FY FZ MX MY MZ
 59 0 0 0.82614E+06 0.35283E-02 65444. 0.98643E-02 0.41307E+06 0.14907E-03
 72 0 0 0.82591E+06 0.30582E-02 69996. 0.89252E-02 0.41296E+06 0.15660E-03
 NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 72

L O A D C A S E 62

SLV_tv via sx

CONCENTRATED LOAD
 FIRST LAST DIFF FORCE FORCE FORCE FORCE FORCE FORCE
 NODE NODE RNCN FX FY FZ MX MY MZ
 59 0 0 0.32952E-02 0.80292E+06 0.24964E-03 0.22188E+07 0.16476E-02 9573.8
 72 0 0 0.32943E-02 0.83120E+06 0.31242E-03 0.24489E+07 0.16471E-02 4145.7
 NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 72

L O A D C A S E 63

SLV_vert via sx

CONCENTRATED LOAD
 FIRST LAST DIFF FORCE FORCE FORCE FORCE FORCE FORCE
 NODE NODE RNCN FX FY FZ MX MY MZ
 59 0 0 5461.1 0.43367E-04 0.85321E+06 0.58654E-02 2730.5 0.21322E-04
 72 0 0 5443.7 0.61945E-04 0.75577E+06 0.11667E-01 2721.9 0.47520E-04
 NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 72

L O A D C A S E 64

SLD_lg via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	0.22443E+06	0.95717E-03	17825.	0.26761E-02	0.11221E+06	0.40837E-04		
72	0	0	0.22436E+06	0.82914E-03	19066.	0.24200E-02	0.11218E+06	0.42873E-04		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 65

SLD_tv via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	0.89344E-03	0.21728E+06	0.68109E-04	0.60044E+06	0.44672E-03	2599.6		
72	0	0	0.89319E-03	0.22493E+06	0.86631E-04	0.66272E+06	0.44659E-03	1142.3		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 66

SLD_vert via sx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
59	0	0	821.64	0.65235E-05	0.12835E+06	0.88228E-03	410.82	0.32073E-05		
72	0	0	819.03	0.93179E-05	0.11370E+06	0.17550E-02	409.51	0.71480E-05		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 72										

L O A D C A S E 67

PP+Perm via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-0.87093E-02	-0.12845E-06	-0.22369E+07	0.13876E-03	0.39195E-02	0.37979E-07		
71	0	0	-0.66704E-02	-0.13389E-06	-0.21459E+07	-0.74741E-04	0.39725E-02	0.37978E-07		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 71										

L O A D C A S E 68

ritiro via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	7426.9	-0.13912E-05	0.23726E+06	0.24820E-05	3713.4	0.21900E-06		
71	0	0	7663.5	0.54267E-06	0.24315E+06	0.16512E-04	3831.7	-0.27639E-07		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 71										

L O A D C A S E 69

cedim Spalla A via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	735.96	-0.21071E-07	17606.	-0.13664E-05	367.98	-0.19744E-07		
71	0	0	714.77	-0.98467E-07	18043.	-0.92157E-03	357.38	-0.13923E-06		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 71										

L O A D C A S E 70

cedim Spalla B via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	831.06	0.13874E-06	17610.	0.18974E-02	415.53	0.87102E-07		
71	0	0	756.08	-0.18366E-06	18046.	0.22976E-05	378.04	0.10516E-06		
NUMBER OF LOADED NODES OR ELEMENTS = 2										
LARGEST NODE OR ELEMENT NUMBER = 71										

L O A D C A S E 71

cedim app interni max Fz via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	71	8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
NUMBER OF LOADED NODES OR ELEMENTS			=		2					
LARGEST NODE OR ELEMENT NUMBER			=		71					

L O A D C A S E 72

cedim app interni min Fz via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-1566.1	0.41922E-06	-35222.	0.49463E-06	-783.04	0.20739E-06		
71	0	0	-1470.6	-0.26035E-06	-36094.	0.13351E-04	-735.28	-0.24503E-06		
NUMBER OF LOADED NODES OR ELEMENTS			=		2					
LARGEST NODE OR ELEMENT NUMBER			=		71					

L O A D C A S E 73

DTN_Contraction via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	19459.	-0.16247E-05	1548.3	0.63393E-05	9729.6	0.60584E-06		
71	0	0	19274.	-0.20638E-05	1489.7	-0.85838E-07	9637.0	0.57411E-06		
NUMBER OF LOADED NODES OR ELEMENTS			=		2					
LARGEST NODE OR ELEMENT NUMBER			=		71					

L O A D C A S E 74

DTN_expansion via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-46327.	0.38742E-05	-3686.1	-0.15106E-04	-23163.	-0.14452E-05		
71	0	0	-45886.	0.49285E-05	-3546.6	0.16040E-06	-22943.	-0.13696E-05		
NUMBER OF LOADED NODES OR ELEMENTS			=		2					
LARGEST NODE OR ELEMENT NUMBER			=		71					

L O A D C A S E 75

DT_M_Heat via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-10669.	0.10417E-05	-0.23558E+06	-0.13298E-05	-5334.3	-0.39428E-06		
71	0	0	-10724.	0.14963E-05	-0.24141E+06	-0.13942E-04	-5362.2	-0.34040E-06		
NUMBER OF LOADED NODES OR ELEMENTS			=		2					
LARGEST NODE OR ELEMENT NUMBER			=		71					

L O A D C A S E 76

DT_M_Cool via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	12802.	-0.12633E-05	0.28269E+06	0.16284E-05	6401.2	0.47475E-06		
71	0	0	12869.	-0.17939E-05	0.28970E+06	0.16725E-04	6434.6	0.40998E-06		
NUMBER OF LOADED NODES OR ELEMENTS			=		2					
LARGEST NODE OR ELEMENT NUMBER			=		71					

L O A D C A S E 77

Vento via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-10.256	-0.29255E+06	-222.80	0.96152E+06	-5.1278	-1907.2		
71	0	0	-10.194	0.28784E+06	-228.31	-0.89049E+06	-5.0972	3194.1		
NUMBER OF LOADED NODES OR ELEMENTS			=		2					
LARGEST NODE OR ELEMENT NUMBER			=		71					

L O A D C A S E 78

env Qk_gr1_2 max Fx via dx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
63	0	0	0.17581E+06	266.12	0.13093E+06	-96711.	87905.	897.86			
71	0	0	0.17549E+06	-312.95	0.14017E+06	0.10520E+06	87746.	-781.27			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	71						

L O A D C A S E 79

env Qk_gr1_2 min Fx via dx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
63	0	0	-0.18092E+06	247.71	-0.64427E+06	0.65247E+06	-90458.	-5060.9			
71	0	0	-0.18015E+06	-225.53	-0.62830E+06	-0.63303E+06	-90075.	4309.0			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	71						

L O A D C A S E 80

env Qk_gr1_2 max Fz via dx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
63	0	0	973.78	537.73	0.19883E+06	-0.19735E+06	486.89	1829.4			
71	0	0	335.30	-634.91	0.21726E+06	0.21538E+06	167.65	-1597.3			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	71						

L O A D C A S E 81

env Qk_gr1_2 min Fz via dx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
63	0	0	-5634.8	-46.238	-0.19810E+07	11243.	-2817.4	868.66			
71	0	0	-4764.4	43.378	-0.19546E+07	-16247.	-2382.2	-739.66			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	71						

L O A D C A S E 82

env Qk_gr1_2 max Mx via dx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
63	0	0	-4271.3	375.44	-0.15750E+07	0.39996E+07	-2135.6	-13589.			
71	0	0	-3702.7	262.27	-0.15508E+07	0.39502E+07	-1851.3	-11488.			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	71						

L O A D C A S E 83

env Qk_gr1_2 min Mx via dx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
63	0	0	-4271.3	-375.44	-0.15750E+07	-0.39996E+07	-2135.6	13589.			
71	0	0	-3702.7	262.27	-0.15508E+07	-0.39502E+07	-1851.3	11488.			
NUMBER OF LOADED NODES OR ELEMENTS				=	2						
LARGEST NODE OR ELEMENT NUMBER				=	71						

L O A D C A S E 84

env Qk_comb max Fz via dx

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			

NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ
63	0	0	596.58	266.12	0.11501E+06	-96711.	298.29	897.86
71	0	0	229.60	-312.95	0.12523E+06	0.10520E+06	114.80	-781.27

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 71

L O A D C A S E 85

env Qk_comb min Fz via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-2400.9	-18.024	-0.12038E+07	56264.	-1200.5	334.07		
71	0	0	-2025.1	16.900	-0.11937E+07	-58334.	-1012.6	-285.98		

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 71

L O A D C A S E 86

env Qk_comb max Mx via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-1795.9	163.86	-0.96693E+06	0.23621E+07	-897.97	-5933.9		
71	0	0	-1563.7	107.97	-0.95713E+06	0.23445E+07	-781.87	-5005.6		

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 71

L O A D C A S E 87

env Qk_comb min Mx via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	-1795.9	-163.86	-0.96693E+06	-0.23621E+07	-897.97	5933.9		
71	0	0	-1563.7	-107.97	-0.95713E+06	-0.23445E+07	-781.87	5005.6		

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 71

L O A D C A S E 88

SLC_lg via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	0.10930E+07	0.40472E-02	92591.	0.11811E-01	0.54652E+06	0.20723E-03		
71	0	0	0.10934E+07	0.46693E-02	86572.	0.13054E-01	0.54668E+06	0.19726E-03		

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 71

L O A D C A S E 89

SLC_tv via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	0.43597E-02	0.11000E+07	0.41205E-03	0.32408E+07	0.21798E-02	5484.5		
71	0	0	0.43609E-02	0.10626E+07	0.33008E-03	0.29362E+07	0.21805E-02	12669.		

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 71

L O A D C A S E 90

SLC_vert via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	9134.4	0.10395E-03	0.12682E+07	0.19578E-01	4567.2	0.79743E-04		
71	0	0	9163.5	0.72773E-04	0.14317E+07	0.98427E-02	4581.7	0.35780E-04		

NUMBER OF LOADED NODES OR ELEMENTS = 2
 LARGEST NODE OR ELEMENT NUMBER = 71

L O A D C A S E 91

SLV_lg via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	0.82591E+06	0.30582E-02	69996.	0.89252E-02	0.41296E+06	0.15660E-03		
71	0	0	0.82614E+06	0.35283E-02	65444.	0.98643E-02	0.41307E+06	0.14907E-03		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	71				

L O A D C A S E 92

SLV_tv via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	0.32943E-02	0.83120E+06	0.31242E-03	0.24489E+07	0.16471E-02	4145.7		
71	0	0	0.32952E-02	0.80292E+06	0.24964E-03	0.22188E+07	0.16476E-02	9573.8		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	71				

L O A D C A S E 93

SLV_vert via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	5443.7	0.61945E-04	0.75577E+06	0.11667E-01	2721.9	0.47520E-04		
71	0	0	5461.1	0.43367E-04	0.85321E+06	0.58654E-02	2730.5	0.21322E-04		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	71				

L O A D C A S E 94

SLD_lg via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	0.22436E+06	0.82914E-03	19066.	0.24200E-02	0.11218E+06	0.42873E-04		
71	0	0	0.22443E+06	0.95717E-03	17825.	0.26761E-02	0.11221E+06	0.40837E-04		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	71				

L O A D C A S E 95

SLD_tv via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	0.89319E-03	0.22493E+06	0.86631E-04	0.66272E+06	0.44659E-03	1142.3		
71	0	0	0.89344E-03	0.21728E+06	0.68109E-04	0.60044E+06	0.44672E-03	2599.6		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	71				

L O A D C A S E 96

SLD_vert via dx

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
63	0	0	819.03	0.93179E-05	0.11370E+06	0.17550E-02	409.51	0.71480E-05		
71	0	0	821.64	0.65235E-05	0.12835E+06	0.88228E-03	410.82	0.32073E-05		
NUMBER OF LOADED NODES OR ELEMENTS					=	2				
LARGEST NODE OR ELEMENT NUMBER					=	71				

DATA STORAGE LOCATIONS USED = 4062

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST	LAST	DIFF	OUTPUT	AVERAGED NODAL	NODAL FORCE	HISTORY	PLOT FILE
ELT	ELT	RNCE	CONTROL	VALUES GROUP	OUTPUT GROUP	CONTROL	CONTROL
1	1091	1	0	0	0	0	0
TOTAL NUMBER OF ELEMENT OUTPUT SETS				=	1		
TOTAL NUMBER OF ELEMENTS OUTPUT				=	1091		
LARGEST ELEMENT NUMBER INPUT				=	1091		

LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0
DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST LAST DIFF OUTPUT HISTORY
NODE NODE RNC CONTROL CONTROL
1 1680 1 0 0
TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 1680
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0
DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1091
TOTAL NUMBER OF CONSTRAINTS = 0
TOTAL NUMBER OF NODES = 1680
TOTAL NUMBER OF SUPPORT NODES = 9
TOTAL NUMBER OF LOADING CASES = 69
LOCATIONS USED DURING DATA PROCESSING = 78685952
LOCATIONS AVAILABLE = 98304000
TIME USED TO PROCESS INPUT DATA = 0.37500 SEC.
TIME AT CENTRAL PROCESSOR = 10:12:13 ON 28/05/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1987
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)

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

Table with columns: MATERIAL SET, LENGTH M, GEOMETRIC SUMMARY (AREA sq M, VOLUME cu M), ELEMENT MASS KG, CENTRE OF GRAVITY (X-COORD M, Y-COORD M, Z-COORD M). Includes totals for structure.

Table with columns: MATERIAL SET, Moments of Inertia (Ixx, Iyy, Izz, Ixy, Iyz, Ixz) in kg m **2 about global directions with origin at (0,0,0). Includes totals for structure.

Table with columns: MATERIAL SET, Moments of Inertia (Ixx, Iyy, Izz, Ixy, Iyz, Ixz) in kg m **2 about global directions with origins at centroids. Includes totals for structure.

Table with columns: MATERIAL SET, Principal Moments of Inertia about centroidal axes (I).

	11			22			33			PRINCIPAL DIRECTIONS
	KG	M	**2	KG	M	**2	KG	M	**2	
11	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
10	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
3	0.397647E+09			0.390252E+09			0.196521E+08	(-0.00, 1.00, -0.00)	(-0.00, 0.00, 1.00)	(1.00, 0.00, 0.00)
9	0.436786E+10			0.436543E+10			0.242694E+07	(0.00, 1.00, 0.00)	(0.02, -0.00, 1.00)	(1.00, -0.00, -0.02)
1	0.208941E+10			0.204455E+10			0.511339E+08	(0.01, 0.00, 1.00)	(0.00, 1.00, -0.00)	(1.00, -0.00, -0.01)
16	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
5	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
15	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
12	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
13	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
4	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
2	0.103858E+09			0.102048E+09			0.188095E+07	(-0.00, 0.00, 1.00)	(0.00, 1.00, 0.00)	(1.00, 0.00, 0.00)
14	0.000000E+00			0.000000E+00			0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
6	201503.			184628.			16875.0	(0.00, 0.00, 1.00)	(1.00, -0.00, 0.00)	(0.00, 1.00, 0.00)
8	0.236527E+07			0.125750E+07			0.110777E+07	(0.00, 0.00, 1.00)	(0.00, 1.00, 0.00)	(1.00, -0.00, 0.00)
7	201503.			184628.			16875.0	(0.00, 0.00, 1.00)	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)
TOTALS FOR STRUCTURE	0.126520E+11			0.125939E+11			0.151276E+09	(0.01, 0.26, 0.96)	(-0.00, 0.96, -0.26)	(1.00, 0.00, -0.01)

FORCE OUTPUT GROUP	RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS						
	Fx N	Fy N	Fz N	Mx N.M	My N.M	Mz N.M	
LOAD CASE 28							
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.360195E+08	-0.426559E+09	0.154903E+10	0.000000E+00	
LOAD CASE 29							
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.273381E+08	-0.323809E+09	0.124182E+10	0.000000E+00	
LOAD CASE 30							
TOTALS FOR STRUCTURE	-0.216953E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.173984E+08	0.256791E+08	
LOAD CASE 31							
TOTALS FOR STRUCTURE	-271871.	0.000000E+00	-0.450846E+07	-0.534055E+08	0.184768E+09	0.321793E+07	
LOAD CASE 32							
TOTALS FOR STRUCTURE	-0.232861E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.214632E+08	0.273592E+08	
LOAD CASE 33							
TOTALS FOR STRUCTURE	0.000000E+00	0.284723E+08	0.000000E+00	0.131118E+09	0.000000E+00	0.125418E+10	
LOAD CASE 34							
TOTALS FOR STRUCTURE	-0.261696E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.154782E+08	0.309750E+08	
LOAD CASE 35							
TOTALS FOR STRUCTURE	-0.219762E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.129980E+08	0.260115E+08	
LOAD CASE 36							
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.434303E-01	0.000000E+00	
LOAD CASE 37							
TOTALS FOR STRUCTURE	-0.153797E-01	-0.262336E-06	-0.438277E+07	-0.524410E+08	0.181189E+09	0.194692	
LOAD CASE 38							
TOTALS FOR STRUCTURE	15090.3	-0.848494E-06	480414.	0.564968E+07	-0.192527E+08	-177143.	
LOAD CASE 39							
TOTALS FOR STRUCTURE	1450.73	-0.119538E-06	35648.9	419238.	-0.142944E+07	-17302.9	
LOAD CASE 40							
TOTALS FOR STRUCTURE	1587.14	-0.449193E-07	35656.6	419332.	-0.143008E+07	-19251.5	
LOAD CASE 41							
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
LOAD CASE 42							
TOTALS FOR STRUCTURE	-3036.65	0.158870E-06	-71316.2	-838696.	0.285995E+07	36535.9	
LOAD CASE 43							
TOTALS FOR STRUCTURE	38733.2	-0.368849E-05	3038.06	36323.2	-214501.	-459605.	
LOAD CASE 44							
TOTALS FOR STRUCTURE	-92212.7	0.880278E-05	-7232.76	-86475.1	510665.	0.109419E+07	
LOAD CASE 45							
TOTALS FOR STRUCTURE	-21392.9	0.253802E-05	-476991.	-0.560953E+07	0.191310E+08	252866.	
LOAD CASE 46							
TOTALS FOR STRUCTURE	25671.7	-0.305721E-05	572392.	0.673148E+07	-0.229573E+08	-303441.	
LOAD CASE 47							
TOTALS FOR STRUCTURE	-20.4500	-4705.35	-451.111	52545.8	18093.5	-0.236948E+08	
LOAD CASE 48							
TOTALS FOR STRUCTURE	351302.	-46.8228	271104.	0.315983E+07	-0.114136E+08	-0.413841E+07	
LOAD CASE 49							
TOTALS FOR STRUCTURE	-361067.	22.1797	-0.127258E+07	-0.151422E+08	0.530166E+08	0.429774E+07	
LOAD CASE 50							
TOTALS FOR STRUCTURE	1309.07	-97.1739	416083.	0.482815E+07	-0.161080E+08	24328.2	
LOAD CASE 51							
TOTALS FOR STRUCTURE	-10399.2	-2.85978	-0.393565E+07	-0.467523E+08	0.160487E+09	124878.	
LOAD CASE 52							
TOTALS FOR STRUCTURE	-7973.92	637.710	-0.312581E+07	-0.291969E+08	0.127596E+09	103247.	
LOAD CASE 53							
TOTALS FOR STRUCTURE	-7973.92	-637.710	-0.312581E+07	-0.451002E+08	0.127596E+09	92579.6	
LOAD CASE 54							
TOTALS FOR STRUCTURE	826.178	-46.8228	240246.	0.278851E+07	-0.931809E+07	9614.43	
LOAD CASE 55							
TOTALS FOR STRUCTURE	-4426.05	-1.12324	-0.239752E+07	-0.284424E+08	0.975185E+08	53310.4	
LOAD CASE 56							
TOTALS FOR STRUCTURE							

STRUCTURE	-3359.67	271.833	-0.192406E+07	-0.181272E+08	0.783289E+08	43541.2
LOAD CASE	57					
TOTALS FOR STRUCTURE	-3359.67	-271.833	-0.192406E+07	-0.275418E+08	0.783289E+08	38875.1
LOAD CASE	58					
TOTALS FOR STRUCTURE	0.218639E+07	0.871649E-02	179163.	0.215800E+07	-0.125286E+08	-0.258768E+08
LOAD CASE	59					
TOTALS FOR STRUCTURE	0.872058E-02	0.216256E+07	0.742130E-03	0.122323E+08	-0.534330E-01	0.891174E+08
LOAD CASE	60					
TOTALS FOR STRUCTURE	18297.9	0.176721E-03	0.269983E+07	0.309404E+08	-0.102764E+09	-216397.
LOAD CASE	61					
TOTALS FOR STRUCTURE	0.165206E+07	0.658642E-02	135440.	0.163137E+07	-0.946939E+07	-0.195527E+08
LOAD CASE	62					
TOTALS FOR STRUCTURE	0.658948E-02	0.163412E+07	0.562066E-03	0.924322E+07	-0.404621E-01	0.673408E+08
LOAD CASE	63					
TOTALS FOR STRUCTURE	10904.8	0.105311E-03	0.160898E+07	0.184391E+08	-0.612425E+08	-128964.
LOAD CASE	64					
TOTALS FOR STRUCTURE	448789.	0.178631E-02	36890.8	444361.	-0.257658E+07	-0.531158E+07
LOAD CASE	65					
TOTALS FOR STRUCTURE	0.178663E-02	442218.	0.154740E-03	0.250137E+07	-0.111264E-01	0.182234E+08
LOAD CASE	66					
TOTALS FOR STRUCTURE	1640.67	0.158414E-04	242050.	0.277392E+07	-0.921314E+07	-19403.1
LOAD CASE	67					
TOTALS FOR STRUCTURE	-0.153797E-01	-0.262336E-06	-0.438277E+07	-0.513101E+08	0.181189E+09	0.169364
LOAD CASE	68					
TOTALS FOR STRUCTURE	15090.3	-0.848494E-06	480414.	0.572291E+07	-0.192527E+08	-180082.
LOAD CASE	69					
TOTALS FOR STRUCTURE	1450.73	-0.119538E-06	35648.9	424660.	-0.142944E+07	-17039.6
LOAD CASE	70					
TOTALS FOR STRUCTURE	1587.14	-0.449193E-07	35656.6	424749.	-0.143008E+07	-18320.1
LOAD CASE	71					
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE	72					
TOTALS FOR STRUCTURE	-3036.65	0.158870E-06	-71316.2	-849537.	0.285995E+07	35349.2
LOAD CASE	73					
TOTALS FOR STRUCTURE	38733.2	-0.368849E-05	3038.06	35595.4	-214501.	-457306.
LOAD CASE	74					
TOTALS FOR STRUCTURE	-92212.7	0.880278E-05	-7232.76	-84742.4	510665.	0.108872E+07
LOAD CASE	75					
TOTALS FOR STRUCTURE	-21392.9	0.253802E-05	-476991.	-0.568203E+07	0.191310E+08	253558.
LOAD CASE	76					
TOTALS FOR STRUCTURE	25671.7	-0.305721E-05	572392.	0.681848E+07	-0.229573E+08	-304272.
LOAD CASE	77					
TOTALS FOR STRUCTURE	-20.4500	-4705.35	-451.111	52477.2	18093.5	-0.236948E+08
LOAD CASE	78					
TOTALS FOR STRUCTURE	351302.	-46.8228	271104.	0.327459E+07	-0.114136E+08	-0.413445E+07
LOAD CASE	79					
TOTALS FOR STRUCTURE	-361067.	22.1797	-0.127258E+07	-0.149438E+08	0.530166E+08	0.428824E+07
LOAD CASE	80					
TOTALS FOR STRUCTURE	1309.07	-97.1739	416083.	0.505710E+07	-0.161080E+08	32259.7
LOAD CASE	81					
TOTALS FOR STRUCTURE	-10399.2	-2.85978	-0.393565E+07	-0.464243E+08	0.160487E+09	114065.
LOAD CASE	82					
TOTALS FOR STRUCTURE	-7973.92	637.710	-0.312581E+07	-0.288954E+08	0.127596E+09	96183.0
LOAD CASE	83					
TOTALS FOR STRUCTURE	-7973.92	-637.710	-0.312581E+07	-0.447988E+08	0.127596E+09	85516.1
LOAD CASE	84					
TOTALS FOR STRUCTURE	826.178	-46.8228	240246.	0.291542E+07	-0.931809E+07	14173.1
LOAD CASE	85					
TOTALS FOR STRUCTURE	-4426.05	-1.12324	-0.239752E+07	-0.283170E+08	0.975185E+08	48641.7
LOAD CASE	86					
TOTALS FOR STRUCTURE	-3359.67	271.833	-0.192406E+07	-0.180055E+08	0.783289E+08	40656.8
LOAD CASE	87					
TOTALS FOR STRUCTURE	-3359.67	-271.833	-0.192406E+07	-0.274201E+08	0.783289E+08	35990.7
LOAD CASE	88					
TOTALS FOR STRUCTURE	0.218639E+07	0.871649E-02	179163.	0.208322E+07	-0.125286E+08	-0.258806E+08
LOAD CASE	89					
TOTALS FOR STRUCTURE	0.872058E-02	0.216256E+07	0.742130E-03	0.122323E+08	-0.534330E-01	0.891174E+08
LOAD CASE	90					
TOTALS FOR STRUCTURE	18297.9	0.176721E-03	0.269983E+07	0.329714E+08	-0.102764E+09	-216759.
LOAD CASE	91					
TOTALS FOR STRUCTURE	0.165206E+07	0.658642E-02	135440.	0.157483E+07	-0.946939E+07	-0.195556E+08

LOAD CASE	92					
TOTALS FOR STRUCTURE	0.658948E-02	0.163412E+07	0.562066E-03	0.924322E+07	-0.404621E-01	0.673408E+08
LOAD CASE	93					
TOTALS FOR STRUCTURE	10904.8	0.105311E-03	0.160898E+07	0.196495E+08	-0.612425E+08	-129180.
LOAD CASE	94					
TOTALS FOR STRUCTURE	448789.	0.178631E-02	36890.8	428937.	-0.257658E+07	-0.531237E+07
LOAD CASE	95					
TOTALS FOR STRUCTURE	0.178663E-02	442218.	0.154740E-03	0.250137E+07	-0.111264E-01	0.182234E+08
LOAD CASE	96					
TOTALS FOR STRUCTURE	1640.67	0.158414E-04	242050.	0.295601E+07	-0.921314E+07	-19435.6

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
 AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.16000E-01 SEC.
 TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 2403708
 LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
 TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
 TOTAL NO. OF EQUATIONS = 6120
 TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
 MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 673721
 MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 1051299
 MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
 MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 194498
 TOTAL SIZE OF ELEMENT DATA RECORDS = 12532850
 TOTAL SIZE OF ELEMENT RESULT RECORDS = 26606529
 TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
 TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 588555

TIME FOR PRE-SOLUTION PROCESS = 0.12500 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:12:13 ON 28/05/21 (DAY/MTH/YR)

S O L U T I O N B Y F R O N T A L S P A R S E M A T R I X T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.00 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 536109 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

===== =
 = Multifrontal statistics =
 =====

number of equations	=	6066
no. of nonzeros in lower triangle of a	=	100701
number of compressed nodes	=	1011
no. of compressed nonzeros in l. tri.	=	2376
amount of workspace currently in use	=	472706
max. amt. of workspace used	=	97709379
no. of nonzeros in the factor l	=	286893.
number of super nodes	=	534
number of compressed subscripts	=	17178
size of stack storage	=	29322
maximum order of a front matrix	=	174
maximum size of a front matrix	=	15225
maximum size of a front trapezoid	=	13620
no. of floating point ops for factor	=	2.5393D+07
no. of floating point ops for solve	=	1.1779D+06
actual no. of nonzeros in the factor l	=	286893.
actual number of compressed subscripts	=	17178
actual size of stack storage used	=	50034
near zero pivot monitoring activated	=	
number of pivots adjusted	=	0.
negative pivot monitoring activated	=	
number of negative pivots encountered	=	0.
factorization panel size	=	128
factorization update panel size	=	32
solution block size	=	8

time (in seconds) for structure input	=	0.015000
time (in seconds) for ordering	=	0.000000
time (in seconds) for symbolic factor	=	0.000000
time (in seconds) for value input	=	0.016000

number of cpus used for factor & solve	=	2
time (in seconds) for numeric factor	=	0.015000
computational rate (mflops) for factor	=	1692.889148
condition number estimate	=	1.2487D+16

time (in seconds) for numeric solve	=	0.000464
computational rate (mflops) for solve	=	2539.855502

i/o statistics:	unit number	length	amount
		(Mbytes)	(Mbytes)
	-----	-----	-----

	31.	0.14	0.34
NUMBER OF POSITIVE EIGENVALUES	=		6066
NUMBER OF NEGATIVE EIGENVALUES	=		0

AMOUNT OF DISK SPACE USED = 0.14 MB
 DETERMINANT OF STIFFNESS MATRIX = 7.424E+59113

SMALLEST PIVOT ENCOUNTERED WAS 645.966 AT NODE 528, FREEDOM 6
 LARGEST PIVOT ENCOUNTERED WAS 0.573152E+19 AT NODE 3, FREEDOM 4

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1	=	0.32123E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2	=	0.29810E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3	=	0.23906E-18
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4	=	0.80758E-19
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5	=	0.27667E-18
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6	=	0.37471E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7	=	0.15152E-18
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8	=	0.13011E-18
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9	=	0.92822E-19
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10	=	0.20210E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11	=	0.19398E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12	=	0.15565E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 13	=	0.23536E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 14	=	0.00000E+00
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 15	=	0.13373E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 16	=	0.48392E-18
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 17	=	0.62104E-18
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 18	=	0.19164E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 19	=	0.21865E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 20	=	0.62934E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 21	=	0.83578E-18
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 22	=	0.12381E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 23	=	0.15774E-17

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 24 = 0.16435E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 25 = 0.13908E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 26 = 0.59485E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 27 = 0.23550E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 28 = 0.29675E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 29 = 0.29730E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 30 = 0.16437E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 31 = 0.28932E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 32 = 0.70306E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 33 = 0.34263E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 34 = 0.32234E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 35 = 0.51872E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 36 = 0.17561E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 37 = 0.84214E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 38 = 0.89645E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 39 = 0.15939E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 40 = 0.20210E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 41 = 0.73183E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 42 = 0.15565E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 43 = 0.33955E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 44 = 0.0000E+00
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 45 = 0.20636E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 46 = 0.56593E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 47 = 0.90964E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 48 = 0.10447E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 49 = 0.17707E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 50 = 0.59656E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 51 = 0.59010E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 52 = 0.90216E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 53 = 0.18857E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 54 = 0.39110E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 55 = 0.13885E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 56 = 0.15256E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 57 = 0.13808E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 58 = 0.21062E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 59 = 0.27363E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 60 = 0.12840E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 61 = 0.41095E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 62 = 0.76112E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 63 = 0.23361E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 64 = 0.67060E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 65 = 0.10228E-16
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 66 = 0.13768E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 67 = 0.40082E-18
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 68 = 0.86990E-17
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 69 = 0.10412E-17

TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION = 0.12500 SEC.
 TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 2946775
 LOCATIONS AVAILABLE = 98304000
 ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 448
 TIME FOR POST-SOLUTION PROCESS = 2.3740 SEC.
 TOTAL CPU TIME USED FOR SOLUTION = 2.9990 SEC.
 TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 3 SECS
 TIME AT CENTRAL PROCESSOR = 10:12:16 ON 28/05/21 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	645	5090	3506	0	46.03125
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	64	2155	2201	0	18.06250
PLOT	16384	75504	77737	1629	0	36.20312
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 10:12:21 ON 28/05/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
NLPZ 98304000
NPGS 960
MXELGP 32

S Y S T E M P A R A M E T E R I N P U T

VBNAME VALUE
IDTIME 1

LL UU UU SSSSSS AAAA SSSSSS
LL UU UU SS SS AA AA SS SS
LL UU UU SS AA AA SS
LL UU UU SSSSS AAAAAAAA SSSSS
LL UU UU SSSSS AAAAAAAA SSSSS
LL UU UU SS AA AA SS
LLLLLLLL UU UU SS SS AA AA SS SS
LLLLLLLL UUUUUU SSSSSS AA AA SSSSSS

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com
Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com
Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

KeyID 10036 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus
Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file :
D:\571_343_Imp_misti_Ragusana_SS194_Sintagma\barbaianni\modelli\LUSASFiles32\Barbaianni_v191_2_finale\Barbaianni_v191_2_finale-VLO Analysis
2.dat
Number of processors available : 8
Maximum number of threads available : 8

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:12:22 ON 28/05/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

- GRAVITY DIRECTION = Z ACCELERATION = -9.810
O P T I O N (S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
O P T I O N (S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
O P T I O N (S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
O P T I O N (S) 123 CLOCKWISE NODE NUMBERING
O P T I O N (S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
O P T I O N (S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
O P T I O N (S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
O P T I O N (S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
O P T I O N (S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
O P T I O N (S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
O P T I O N (S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES
O P T I O N (S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT
O P T I O N (S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
O P T I O N (S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
O P T I O N (S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
O P T I O N (S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
O P T I O N (S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
O P T I O N (S) 416 DATA FILE CREATED IN V15.0 OR LATER
O P T I O N (S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

Table with 5 columns: ELEMENT NUMBER, ELEMENTS, and three columns of ELEMENT NODE NUMBERS. Rows include JSH4 and elements 1 through 85.

86	97	125	1657	1658
87	107	126	1651	1652
524	500	501	1673	1674
525	558	557	1679	1680
1086	958	959	1675	1676
1087	1015	1016	1677	1678

ELEMENT TOPOLOGY

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
QTS4	ELEMENTS			
526	501	502	560	559
527	502	503	561	560
528	503	504	562	561
529	504	505	563	562
530	505	506	564	563
531	506	507	565	564
532	507	508	566	565
533	508	509	567	566
534	509	510	568	567
535	510	511	569	568
536	511	512	570	569
537	512	513	571	570
538	513	514	572	571
539	514	515	573	572
540	515	516	574	573
541	516	517	575	574
542	517	518	576	575
543	518	519	577	576
544	519	520	578	577
545	520	521	579	578
546	521	522	580	579
547	522	523	581	580
548	523	524	582	581
549	524	525	583	582
550	525	526	584	583
551	526	527	585	584
552	527	528	586	585
553	528	529	587	586
554	529	530	588	587
555	530	531	589	588
556	531	532	590	589
557	532	533	591	590
558	533	534	592	591
559	534	535	593	592
560	535	536	594	593
561	536	537	595	594
562	537	538	596	595
563	538	539	597	596
564	539	540	598	597
565	540	541	599	598
566	541	542	600	599
567	542	543	601	600
568	543	544	602	601
569	544	545	603	602
570	545	546	604	603
571	546	547	605	604
572	547	548	606	605
573	548	549	607	606
574	549	550	608	607
575	550	551	609	608
576	551	552	610	609
577	552	553	611	610
578	553	554	612	611
579	554	555	613	612
580	555	556	614	613
581	556	557	615	614
582	559	560	617	616
583	560	561	618	617
584	561	562	619	618
585	562	563	620	619
586	563	564	621	620
587	564	565	622	621
588	565	566	623	622
589	566	567	624	623
590	567	568	625	624
591	568	569	626	625
592	569	570	627	626
593	570	571	628	627
594	571	572	629	628
595	572	573	630	629
596	573	574	631	630
597	574	575	632	631
598	575	576	633	632
599	576	577	634	633
600	577	578	635	634
601	578	579	636	635
602	579	580	637	636
603	580	581	638	637
604	581	582	639	638
605	582	583	640	639
606	583	584	641	640
607	584	585	642	641
608	585	586	643	642
609	586	587	644	643
610	587	588	645	644
611	588	589	646	645
612	589	590	647	646
613	590	591	648	647
614	591	592	649	648
615	592	593	650	649
616	593	594	651	650
617	594	595	652	651
618	595	596	653	652
619	596	597	654	653
620	597	598	655	654
621	598	599	656	655
622	599	600	657	656
623	600	601	658	657
624	601	602	659	658
625	602	603	660	659
626	603	604	661	660
627	604	605	662	661
628	605	606	663	662
629	606	607	664	663
630	607	608	665	664
631	608	609	666	665
632	609	610	667	666
633	610	611	668	667
634	611	612	669	668
635	612	613	670	669
636	613	614	671	670
637	614	615	672	671
638	615	616	673	672
639	616	617	674	673
640	617	618	675	674
641	618	619	676	675
642	619	620	677	676
643	620	621	678	677
644	621	622	679	678
645	622	623	680	679
646	623	624	681	680
647	624	625	682	681
648	625	626	683	682
649	626	627	684	683
650	627	628	685	684

706	628	629	686	685
707	629	630	687	686
708	630	631	688	687
709	631	632	689	688
710	632	633	690	689
711	633	634	691	690
712	634	635	692	691
713	635	636	693	692
714	636	637	694	693
715	637	638	695	694
716	638	639	696	695
717	639	640	697	696
718	640	641	698	697
719	641	642	699	698
720	642	643	700	699
721	643	644	701	700
722	644	645	702	701
723	645	646	703	702
724	646	647	704	703
725	647	648	705	704
726	648	649	706	705
727	649	650	707	706
728	650	651	708	707
729	651	652	709	708
730	652	653	710	709
731	653	654	711	710
732	654	655	712	711
733	655	656	713	712
734	656	657	714	713
735	657	658	715	714
736	658	659	716	715
737	659	660	717	716
738	660	661	718	717
739	661	662	719	718
740	662	663	720	719
741	663	664	721	720
742	664	665	722	721
743	665	666	723	722
744	666	667	724	723
745	667	668	725	724
746	668	669	726	725
747	669	670	727	726
748	670	671	728	727
749	671	672	729	728
750	672	673	730	729
751	673	674	731	730
752	674	675	732	731
753	675	676	733	732
754	676	677	734	733
755	677	678	735	734
756	678	679	736	735
757	679	680	737	736
758	680	681	738	737
759	681	682	739	738
760	682	683	740	739
761	683	684	741	740
762	684	685	742	741
763	685	686	743	742
764	686	687	744	743
765	687	688	745	744
766	688	689	746	745
767	689	690	747	746
768	690	691	748	747
769	691	692	749	748
770	692	693	750	749
771	693	694	751	750
772	694	695	752	751
773	695	696	753	752
774	696	697	754	753
775	697	698	755	754
776	698	699	756	755
777	699	700	757	756
778	700	701	758	757
779	701	702	759	758
780	702	703	760	759
781	703	704	761	760
782	704	705	762	761
783	705	706	763	762
784	706	707	764	763
785	707	708	765	764
786	708	709	766	765
787	709	710	767	766
788	710	711	768	767
789	711	712	769	768
790	712	713	770	769
791	713	714	771	770
792	714	715	772	771
793	715	716	773	772
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795	717	718	775	774
796	718	719	776	775
797	719	720	777	776
798	720	721	778	777
799	721	722	779	778
800	722	723	780	779
801	723	724	781	780
802	724	725	782	781
803	725	726	783	782
804	726	727	784	783
805	727	728	785	784
806	728	729	786	785
807	729	730	787	786
808	730	731	788	787
809	731	732	789	788
810	732	733	790	789
811	733	734	791	790
812	734	735	792	791
813	735	736	793	792
814	736	737	794	793
815	737	738	795	794
816	738	739	796	795
817	739	740	797	796
818	740	741	798	797
819	741	742	799	798
820	742	743	800	799
821	743	744	801	800
822	744	745	802	801
823	745	746	803	802
824	746	747	804	803
825	747	748	805	804
826	748	749	806	805
827	749	750	807	806
828	750	751	808	807
829	751	752	809	808
830	752	753	810	809
831	753	754	811	810
832	754	755	812	811
833	755	756	813	812
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837	759	760	817	816
838	760	761	818	817
839	761	762	819	818
840	762	763	820	819
841	763	764	821	820
842	764	765	822	821
843	765	766	823	822
844	766	767	824	823
845	767	768	825	824
846	768	769	826	825
847	769	770	827	826
848	770	771	828	827

847	771	772	829	828
848	772	773	830	829
849	773	774	831	830
850	774	775	832	831
851	775	776	833	832
852	776	777	834	833
853	777	778	835	834
854	778	779	836	835
855	779	780	837	836
856	780	781	838	837
857	781	782	839	838
858	782	783	840	839
859	783	784	841	840
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861	785	786	843	842
862	787	788	845	844
863	788	789	846	845
864	789	790	847	846
865	790	791	848	847
866	791	792	849	848
867	792	793	850	849
868	793	794	851	850
869	794	795	852	851
870	795	796	853	852
871	796	797	854	853
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873	798	799	856	855
874	799	800	857	856
875	800	801	858	857
876	801	802	859	858
877	802	803	860	859
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879	804	805	862	861
880	805	806	863	862
881	806	807	864	863
882	807	808	865	864
883	808	809	866	865
884	809	810	867	866
885	810	811	868	867
886	811	812	869	868
887	812	813	870	869
888	813	814	871	870
889	814	815	872	871
890	815	816	873	872
891	816	817	874	873
892	817	818	875	874
893	818	819	876	875
894	819	820	877	876
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897	822	823	880	879
898	823	824	881	880
899	824	825	882	881
900	825	826	883	882
901	826	827	884	883
902	827	828	885	884
903	828	829	886	885
904	829	830	887	886
905	830	831	888	887
906	831	832	889	888
907	832	833	890	889
908	833	834	891	890
909	834	835	892	891
910	835	836	893	892
911	836	837	894	893
912	837	838	895	894
913	838	839	896	895
914	839	840	897	896
915	840	841	898	897
916	841	842	899	898
917	842	843	900	899
974	844	845	902	901
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976	846	847	904	903
977	847	848	905	904
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984	854	855	912	911
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986	856	857	914	913
987	857	858	915	914
988	858	859	916	915
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991	861	862	919	918
992	862	863	920	919
993	863	864	921	920
994	864	865	922	921
995	865	866	923	922
996	866	867	924	923
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998	868	869	926	925
999	869	870	927	926
1000	870	871	928	927
1001	871	872	929	928
1002	872	873	930	929
1003	873	874	931	930
1004	874	875	932	931
1005	875	876	933	932
1006	876	877	934	933
1007	877	878	935	934
1008	878	879	936	935
1009	879	880	937	936
1010	880	881	938	937
1011	881	882	939	938
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1013	883	884	941	940
1014	884	885	942	941
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1016	886	887	944	943
1017	887	888	945	944
1018	888	889	946	945
1019	889	890	947	946
1020	890	891	948	947
1021	891	892	949	948
1022	892	893	950	949
1023	893	894	951	950
1024	894	895	952	951
1025	895	896	953	952
1026	896	897	954	953
1027	897	898	955	954
1028	898	899	956	955
1029	899	900	957	956
1030	901	902	960	959
1031	902	903	961	960
1032	903	904	962	961
1033	904	905	963	962
1034	905	906	964	963
1035	906	907	965	964
1036	907	908	966	965
1037	908	909	967	966
1038	909	910	968	967
1039	910	911	969	968
1040	911	912	970	969
1041	912	913	971	970
1042	913	914	972	971
1043	914	915	973	972

1044	915	916	974	973
1045	916	917	975	974
1046	917	918	976	975
1047	918	919	977	976
1048	919	920	978	977
1049	920	921	979	978
1050	921	922	980	979
1051	922	923	981	980
1052	923	924	982	981
1053	924	925	983	982
1054	925	926	984	983
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1056	927	928	986	985
1057	928	929	987	986
1058	929	930	988	987
1059	930	931	989	988
1060	931	932	990	989
1061	932	933	991	990
1062	933	934	992	991
1063	934	935	993	992
1064	935	936	994	993
1065	936	937	995	994
1066	937	938	996	995
1067	938	939	997	996
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1069	940	941	999	998
1070	941	942	1000	999
1071	942	943	1001	1000
1072	943	944	1002	1001
1073	944	945	1003	1002
1074	945	946	1004	1003
1075	946	947	1005	1004
1076	947	948	1006	1005
1077	948	949	1007	1006
1078	949	950	1008	1007
1079	950	951	1009	1008
1080	951	952	1010	1009
1081	952	953	1011	1010
1082	953	954	1012	1011
1083	954	955	1013	1012
1084	955	956	1014	1013
1085	956	957	1016	1014

E L E M E N T T O P O L O G Y

ELEMENT ELEMENT NODE NUMBERS
NUMBER

PM3	ELEMENTS		
54	54	1644	1645
81	74	1602	1603

E L E M E N T T O P O L O G Y

ELEMENT ELEMENT NODE END CONDITIONS
NUMBER NUMBERS (C=CONSTRAINED, F=FREE, R=RESTRAINED)

BMI21	ELEMENTS		
3	1	7	1633
4	4	8	1637
5	7	9	1634
6	8	10	1638
7	18	5	1182
8	3	21	1643
9	9	15	1635
10	10	16	1639
12	11	17	1595
13	14	19	1591
14	15	20	1636
15	16	22	1640
16	20	21	1641
17	21	22	1642
18	17	23	1596
19	19	24	1592
20	20	25	1617
21	22	26	1625
22	12	33	1599
23	18	31	1179
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25	24	28	1593
26	25	29	1618
27	26	30	1626
28	27	32	1598
29	28	34	1594
30	29	35	1619
31	30	36	1627
32	33	32	1601
33	34	33	1600
34	32	37	1569
35	34	38	1574
36	35	39	1620
37	36	40	1628
38	21	54	1646
39	31	45	1180
40	37	41	1570
41	38	42	1575
42	39	43	1621
43	40	44	1629
44	41	46	1571
45	42	47	1576
46	43	48	1622
47	44	49	1630
48	33	74	1604
49	46	50	1572
50	47	51	1577
51	48	52	1623
52	49	53	1631
53	45	62	1181
55	50	58	1573
56	51	70	1578
57	52	66	1624
58	53	73	1632
59	55	60	1192
60	62	56	1178
61	57	64	1188
62	58	59	1649
65	66	63	1650
66	60	67	1189
67	68	62	1177
68	64	69	1185
69	70	71	1647
70	73	72	1648
71	75	55	1191
72	85	56	1184
73	95	57	1187
74	67	97	1190
75	107	68	1183
76	69	117	1186
77	58	119	1585
78	66	120	1605
79	70	121	1579
80	73	122	1611
88	96	127	1279
89	118	128	1235

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91	77	134	1243
92	78	135	1399
93	79	136	1247
94	80	137	1419
95	81	138	1251
96	82	139	1439
97	83	140	1255
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99	86	142	1479
100	87	143	1263
101	88	144	1499
102	89	145	1267
103	90	146	1519
104	91	147	1271
105	92	148	1539
106	93	149	1275
107	94	150	1559
108	98	151	1375
109	99	152	1199
110	100	153	1395
111	101	154	1203
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113	103	156	1207
114	104	157	1435
115	105	158	1211
116	106	159	1455
117	108	160	1475
118	109	161	1219
119	110	162	1495
120	111	163	1223
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122	113	165	1227
123	114	166	1535
124	115	167	1231
125	116	168	1555
126	123	129	1239
127	124	130	1259
128	125	131	1195
129	126	132	1215
130	119	175	1586
131	120	176	1606
132	121	177	1580
133	122	178	1612
134	127	171	1280
135	128	174	1236
136	129	169	1240
137	130	170	1260
138	131	172	1196
139	132	173	1216
140	133	179	1380
141	134	180	1244
142	135	181	1400
143	136	182	1248
144	137	183	1420
145	138	184	1252
146	139	185	1440
147	140	186	1256
148	141	187	1460
149	142	188	1480
150	143	189	1264
151	144	190	1500
152	145	191	1268
153	146	192	1520
154	147	193	1272
155	148	194	1540
156	149	195	1276
157	150	196	1560
158	151	197	1376
159	152	198	1200
160	153	199	1396
161	154	200	1204
162	155	201	1416
163	156	202	1208
164	157	203	1436
165	158	204	1212
166	159	205	1456
167	160	206	1476
168	161	207	1220
169	162	208	1496
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171	164	210	1516
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176	169	215	1237
177	170	216	1257
178	171	217	1277
179	172	218	1193
180	173	219	1213
181	174	220	1233
182	175	257	1587
183	176	258	1607
184	177	259	1581
185	178	260	1613
186	179	221	1377
187	180	222	1241
188	181	223	1397
189	182	224	1245
190	183	225	1417
191	184	226	1249
192	185	227	1437
193	186	228	1253
194	187	229	1457
195	188	230	1477
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197	190	232	1497
198	191	233	1265
199	192	234	1517
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201	194	236	1537
202	195	237	1273
203	196	238	1557
204	197	239	1373
205	198	240	1197
206	199	241	1393
207	200	242	1201
208	201	243	1413
209	202	244	1205
210	203	245	1433
211	204	246	1209
212	205	247	1453
213	206	248	1473
214	207	249	1217
215	208	250	1493
216	209	251	1221
217	210	252	1513
218	211	253	1225
219	212	254	1533
220	213	255	1229
221	214	256	1553
222	215	261	1238
223	216	271	1258
224	217	281	1278
225	218	345	1194
226	219	355	1214
227	220	365	1234
228	221	262	1378
229	222	263	1242
230	223	264	1398

231	224	265	1246
232	225	266	1418
233	226	267	1250
234	227	268	1438
235	228	269	1254
236	229	270	1458
237	230	272	1478
238	231	273	1262
239	232	274	1498
240	233	275	1266
241	234	276	1518
242	235	277	1270
243	236	278	1538
244	237	279	1274
245	238	280	1558
246	239	346	1374
247	240	347	1198
248	241	348	1394
249	242	349	1202
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252	245	352	1434
253	246	353	1210
254	247	354	1454
255	248	356	1474
256	249	357	1218
257	250	358	1494
258	251	359	1222
259	252	360	1514
260	253	361	1226
261	254	362	1534
262	255	363	1230
263	256	364	1554
264	261	282	1133
265	262	283	1369
266	263	284	1137
267	264	285	1389
268	265	286	1141
269	266	287	1409
270	267	288	1145
271	268	289	1429
272	269	290	1149
273	270	291	1449
274	271	292	1153
275	272	293	1469
276	273	294	1157
277	274	295	1489
278	275	296	1161
279	276	297	1509
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281	278	299	1529
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317	314	335	1471
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319	316	337	1491
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322	319	340	1167
323	320	341	1531
324	321	342	1171
325	322	343	1551
326	323	344	1175
327	324	345	1136
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344	341	362	1532
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346	343	364	1552
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366	346	384	1383
367	347	385	1287
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373	353	391	1299
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376	357	394	1307
377	358	395	1503
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381	362	399	1543
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383	364	401	1563
384	261	402	1327
385	271	403	1347
386	281	404	1367
387	345	405	1283
388	355	406	1303
389	365	407	1323
390	257	444	1588
391	258	445	1608
392	259	446	1582
393	260	447	1614
394	366	408	1388
395	367	409	1332
396	368	410	1408
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401	373	415	1344
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413	385	427	1288
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416	388	430	1424
417	389	431	1296
418	390	432	1444
419	391	433	1300
420	392	434	1464
421	393	435	1484
422	394	436	1308
423	395	437	1504
424	396	438	1312
425	397	439	1524
426	398	440	1316
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429	401	443	1564
430	402	448	1328
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432	404	450	1368
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435	407	453	1324
436	408	454	1385
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445	417	463	1485
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447	419	465	1505
448	420	466	1353
449	421	467	1525
450	422	468	1357
451	423	469	1545
452	424	470	1361
453	425	471	1565
454	426	472	1381
455	427	473	1285
456	428	474	1401
457	429	475	1289
458	430	476	1421
459	431	477	1293
460	432	478	1441
461	433	479	1297
462	434	480	1461
463	435	481	1481
464	436	482	1305
465	437	483	1501
466	438	484	1309
467	439	485	1521
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469	441	487	1541
470	442	488	1317
471	443	489	1561
472	444	496	1589
473	445	497	1609
474	446	498	1583
475	447	499	1615
476	448	490	1325
477	449	491	1345
478	450	492	1365
479	451	493	1281
480	452	494	1301
481	453	495	1321
482	454	619	1386
483	455	622	1330
484	456	624	1406
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486	458	630	1426
487	459	632	1338
488	460	635	1446
489	461	638	1342
490	462	640	1466
491	463	646	1486
492	464	648	1350
493	465	651	1506
494	466	654	1354
495	467	657	1526
496	468	660	1358
497	469	663	1546
498	470	666	1362
499	471	669	1566
500	472	847	1382
501	473	850	1286
502	474	852	1402
503	475	855	1290
504	476	858	1422
505	477	860	1294
506	478	863	1442
507	479	866	1298
508	480	868	1462
509	481	874	1482
510	482	876	1306
511	483	879	1502
512	484	882	1310

513	485	885	1522
514	486	888	1314
515	487	891	1542
516	488	894	1318
517	489	897	1562
518	490	616	1326
519	491	643	1346
520	492	672	1366
521	493	844	1282
522	494	871	1302
523	495	900	1322
638	616	617	1035
639	617	618	1036
640	618	619	1037
641	619	620	1038
642	620	621	1039
643	621	622	1040
644	622	623	1021
645	623	624	1047
646	624	625	1048
647	625	626	1049
648	626	627	1050
649	627	628	1055
650	628	629	1056
651	629	630	1057
652	630	631	1058
653	631	632	1022
654	632	633	1063
655	633	634	1064
656	634	635	1065
657	635	636	1066
658	636	637	1067
659	637	638	1068
660	638	639	1023
661	639	640	1075
662	640	641	1076
663	641	642	1077
664	642	643	1078
665	643	644	1083
666	644	645	1084
667	645	646	1085
668	646	647	1086
669	647	648	1024
670	648	649	1091
671	649	650	1092
672	650	651	1093
673	651	652	1094
674	652	653	1095
675	653	654	1096
676	654	655	1033
677	655	656	1103
678	656	657	1104
679	657	658	1105
680	658	659	1106
681	659	660	1107
682	660	661	1113
683	661	662	1114
684	662	663	1115
685	663	664	1116
686	664	665	1025
687	665	666	1026
688	666	667	1121
689	667	668	1122
690	668	669	1123
691	669	670	1124
692	670	671	1125
693	671	672	1126
918	844	845	1041
919	845	846	1042
920	846	847	1043
921	847	848	1044
922	848	849	1045
923	849	850	1046
924	850	851	1027
925	851	852	1051
926	852	853	1052
927	853	854	1053
928	854	855	1054
929	855	856	1059
930	856	857	1060
931	857	858	1061
932	858	859	1062
933	859	860	1028
934	860	861	1069
935	861	862	1070
936	862	863	1071
937	863	864	1072
938	864	865	1073
939	865	866	1074
940	866	867	1029
941	867	868	1079
942	868	869	1080
943	869	870	1081
944	870	871	1082
945	871	872	1087
946	872	873	1088
947	873	874	1089
948	874	875	1090
949	875	876	1030
950	876	877	1097
951	877	878	1098
952	878	879	1099
953	879	880	1100
954	880	881	1101
955	881	882	1102
956	882	883	1034
957	883	884	1108
958	884	885	1109
959	885	886	1110
960	886	887	1111
961	887	888	1112
962	888	889	1117
963	889	890	1118
964	890	891	1119
965	891	892	1120
966	892	893	1031
967	893	894	1032
968	894	895	1127
969	895	896	1128
970	896	897	1129
971	897	898	1130
972	898	899	1131
973	899	900	1132
1088	496	1017	1590
1089	497	1018	1610
1090	498	1019	1584
1091	499	1020	1616

TOTAL NUMBER OF ELEMENTS = 1091
LARGEST ELEMENT NUMBER = 1091
LARGEST NODE NUMBER = 1680

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	81.6750	5.62500	-8.70000
2	82.9000	11.8362	-8.70000
3	82.9000	11.8362	-8.70000
4	81.6750	18.0475	-8.70000
5	40.0000	5.62500	-8.60000
6	40.0000	5.62500	-8.60000
7	81.6750	5.62500	-8.20000
8	81.6750	18.0475	-8.20000
9	81.6750	5.62500	-7.70000
10	81.6750	18.0475	-7.70000
11	-0.675000	5.62500	-7.30000
12	-1.90000	11.8550	-7.30000
13	-1.90000	11.8550	-7.30000
14	-0.675000	18.0475	-7.30000
15	81.6750	5.62500	-7.20000
16	81.6750	18.0475	-7.20000
17	-0.675000	5.62500	-6.80000
18	40.0000	5.62500	-6.80000
19	-0.675000	18.0475	-6.80000
20	81.6750	5.62500	-6.70000
21	82.9000	11.8362	-6.70000
22	81.6750	18.0475	-6.70000
23	-0.675000	5.62500	-6.30000
24	-0.675000	18.0475	-6.30000
25	81.6750	5.62500	-6.21250
26	81.6750	18.0475	-6.21250
27	-0.675000	5.62500	-5.80000
28	-0.675000	18.0475	-5.80000
29	81.6750	5.62500	-5.72500
30	81.6750	18.0475	-5.72500
31	40.0000	5.62500	-5.46667
32	-0.675000	5.62500	-5.30000
33	-1.90000	11.8550	-5.30000
34	-0.675000	18.0475	-5.30000
35	81.6750	5.62500	-5.23750
36	81.6750	18.0475	-5.23750
37	-0.675000	5.62500	-4.80000
38	-0.675000	18.0475	-4.80000
39	81.6750	5.62500	-4.75000
40	81.6750	18.0475	-4.75000
41	-0.675000	5.62500	-4.30000
42	-0.675000	18.0475	-4.30000
43	81.6750	5.62500	-4.26250
44	81.6750	18.0475	-4.26250
45	40.0000	5.62500	-4.13333
46	-0.675000	5.62500	-3.80000
47	-0.675000	18.0475	-3.80000
48	81.6750	5.62500	-3.77500
49	81.6750	18.0475	-3.77500
50	-0.675000	5.62500	-3.30000
51	-0.675000	18.0475	-3.30000
52	81.6750	5.62500	-3.28750
53	81.6750	18.0475	-3.28750
54	85.5250	11.8362	-3.15000
55	0.000000E+00	2.35000	-2.80000
56	40.0000	2.35000	-2.80000
57	81.0000	2.35000	-2.80000
58	-0.675000	5.62500	-2.80000
59	-0.555112E-16	5.62500	-2.80000
60	0.000000E+00	5.62500	-2.80000
61	0.000000E+00	5.62500	-2.80000
62	40.0000	5.62500	-2.80000
63	81.0000	5.62500	-2.80000
64	81.0000	5.62500	-2.80000
65	81.0000	5.62500	-2.80000
66	81.6750	5.62500	-2.80000
67	0.000000E+00	8.90000	-2.80000
68	40.0000	8.90000	-2.80000
69	81.0000	8.90000	-2.80000
70	-0.675000	18.0475	-2.80000
71	0.000000E+00	18.0475	-2.80000
72	81.0000	18.0475	-2.80000
73	81.6750	18.0475	-2.80000
74	-4.52500	11.8550	-2.45000
75	0.000000E+00	2.35000	-2.30000
76	4.00000	2.35000	-2.30000
77	8.00000	2.35000	-2.30000
78	12.0000	2.35000	-2.30000
79	16.0000	2.35000	-2.30000
80	20.0000	2.35000	-2.30000
81	24.0000	2.35000	-2.30000
82	28.0000	2.35000	-2.30000
83	32.0000	2.35000	-2.30000
84	36.0000	2.35000	-2.30000
85	40.0000	2.35000	-2.30000
86	44.0000	2.35000	-2.30000
87	48.0000	2.35000	-2.30000
88	52.2500	2.35000	-2.30000
89	56.5000	2.35000	-2.30000
90	60.7500	2.35000	-2.30000
91	65.0000	2.35000	-2.30000
92	69.0000	2.35000	-2.30000
93	73.0000	2.35000	-2.30000
94	77.0000	2.35000	-2.30000
95	81.0000	2.35000	-2.30000
96	81.0000	2.35000	-2.30000
97	0.000000E+00	8.90000	-2.30000
98	4.00000	8.90000	-2.30000
99	8.00000	8.90000	-2.30000
100	12.0000	8.90000	-2.30000
101	16.0000	8.90000	-2.30000
102	20.0000	8.90000	-2.30000
103	24.0000	8.90000	-2.30000
104	28.0000	8.90000	-2.30000
105	32.0000	8.90000	-2.30000
106	36.0000	8.90000	-2.30000
107	40.0000	8.90000	-2.30000
108	44.0000	8.90000	-2.30000
109	48.0000	8.90000	-2.30000
110	52.2500	8.90000	-2.30000
111	56.5000	8.90000	-2.30000
112	60.7500	8.90000	-2.30000
113	65.0000	8.90000	-2.30000
114	69.0000	8.90000	-2.30000
115	73.0000	8.90000	-2.30000
116	77.0000	8.90000	-2.30000
117	81.0000	8.90000	-2.30000
118	81.0000	8.90000	-2.30000
119	-0.675000	5.62500	-2.26667
120	81.6750	5.62500	-2.26667
121	-0.675000	18.0475	-2.26667
122	81.6750	18.0475	-2.26667
123	0.000000E+00	2.35000	-2.10000
124	40.0000	2.35000	-2.10000
125	0.000000E+00	8.90000	-2.10000
126	40.0000	8.90000	-2.10000
127	81.0000	2.35000	-2.02500
128	81.0000	8.90000	-2.02500
129	0.000000E+00	2.35000	-1.92500
130	40.0000	2.35000	-1.92500
131	0.000000E+00	8.90000	-1.92500
132	40.0000	8.90000	-1.92500
133	4.00000	2.35000	-1.89750
134	8.00000	2.35000	-1.89750
135	12.0000	2.35000	-1.89750
136	16.0000	2.35000	-1.89750

137	20.0000	2.35000	-1.89750
138	24.0000	2.35000	-1.89750
139	28.0000	2.35000	-1.89750
140	32.0000	2.35000	-1.89750
141	36.0000	2.35000	-1.89750
142	44.0000	2.35000	-1.89750
143	48.0000	2.35000	-1.89750
144	52.2500	2.35000	-1.89750
145	56.5000	2.35000	-1.89750
146	60.7500	2.35000	-1.89750
147	65.0000	2.35000	-1.89750
148	69.0000	2.35000	-1.89750
149	73.0000	2.35000	-1.89750
150	77.0000	2.35000	-1.89750
151	4.00000	8.90000	-1.89750
152	8.00000	8.90000	-1.89750
153	12.0000	8.90000	-1.89750
154	16.0000	8.90000	-1.89750
155	20.0000	8.90000	-1.89750
156	24.0000	8.90000	-1.89750
157	28.0000	8.90000	-1.89750
158	32.0000	8.90000	-1.89750
159	36.0000	8.90000	-1.89750
160	44.0000	8.90000	-1.89750
161	48.0000	8.90000	-1.89750
162	52.2500	8.90000	-1.89750
163	56.5000	8.90000	-1.89750
164	60.7500	8.90000	-1.89750
165	65.0000	8.90000	-1.89750
166	69.0000	8.90000	-1.89750
167	73.0000	8.90000	-1.89750
168	77.0000	8.90000	-1.89750
169	0.00000E+00	2.35000	-1.75000
170	40.0000	2.35000	-1.75000
171	81.0000	2.35000	-1.75000
172	0.00000E+00	8.90000	-1.75000
173	40.0000	8.90000	-1.75000
174	81.0000	8.90000	-1.75000
175	-0.675000	5.62500	-1.73333
176	81.6750	5.62500	-1.73333
177	-0.675000	18.0475	-1.73333
178	81.6750	18.0475	-1.73333
179	4.00000	2.35000	-1.49500
180	8.00000	2.35000	-1.49500
181	12.0000	2.35000	-1.49500
182	16.0000	2.35000	-1.49500
183	20.0000	2.35000	-1.49500
184	24.0000	2.35000	-1.49500
185	28.0000	2.35000	-1.49500
186	32.0000	2.35000	-1.49500
187	36.0000	2.35000	-1.49500
188	44.0000	2.35000	-1.49500
189	48.0000	2.35000	-1.49500
190	52.2500	2.35000	-1.49500
191	56.5000	2.35000	-1.49500
192	60.7500	2.35000	-1.49500
193	65.0000	2.35000	-1.49500
194	69.0000	2.35000	-1.49500
195	73.0000	2.35000	-1.49500
196	77.0000	2.35000	-1.49500
197	4.00000	8.90000	-1.49500
198	8.00000	8.90000	-1.49500
199	12.0000	8.90000	-1.49500
200	16.0000	8.90000	-1.49500
201	20.0000	8.90000	-1.49500
202	24.0000	8.90000	-1.49500
203	28.0000	8.90000	-1.49500
204	32.0000	8.90000	-1.49500
205	36.0000	8.90000	-1.49500
206	44.0000	8.90000	-1.49500
207	48.0000	8.90000	-1.49500
208	52.2500	8.90000	-1.49500
209	56.5000	8.90000	-1.49500
210	60.7500	8.90000	-1.49500
211	65.0000	8.90000	-1.49500
212	69.0000	8.90000	-1.49500
213	73.0000	8.90000	-1.49500
214	77.0000	8.90000	-1.49500
215	0.00000E+00	2.35000	-1.42500
216	40.0000	2.35000	-1.42500
217	81.0000	2.35000	-1.42500
218	0.00000E+00	8.90000	-1.42500
219	40.0000	8.90000	-1.42500
220	81.0000	8.90000	-1.42500
221	4.00000	2.35000	-1.29750
222	8.00000	2.35000	-1.29750
223	12.0000	2.35000	-1.29750
224	16.0000	2.35000	-1.29750
225	20.0000	2.35000	-1.29750
226	24.0000	2.35000	-1.29750
227	28.0000	2.35000	-1.29750
228	32.0000	2.35000	-1.29750
229	36.0000	2.35000	-1.29750
230	44.0000	2.35000	-1.29750
231	48.0000	2.35000	-1.29750
232	52.2500	2.35000	-1.29750
233	56.5000	2.35000	-1.29750
234	60.7500	2.35000	-1.29750
235	65.0000	2.35000	-1.29750
236	69.0000	2.35000	-1.29750
237	73.0000	2.35000	-1.29750
238	77.0000	2.35000	-1.29750
239	4.00000	8.90000	-1.29750
240	8.00000	8.90000	-1.29750
241	12.0000	8.90000	-1.29750
242	16.0000	8.90000	-1.29750
243	20.0000	8.90000	-1.29750
244	24.0000	8.90000	-1.29750
245	28.0000	8.90000	-1.29750
246	32.0000	8.90000	-1.29750
247	36.0000	8.90000	-1.29750
248	44.0000	8.90000	-1.29750
249	48.0000	8.90000	-1.29750
250	52.2500	8.90000	-1.29750
251	56.5000	8.90000	-1.29750
252	60.7500	8.90000	-1.29750
253	65.0000	8.90000	-1.29750
254	69.0000	8.90000	-1.29750
255	73.0000	8.90000	-1.29750
256	77.0000	8.90000	-1.29750
257	-0.675000	5.62500	-1.20000
258	81.6750	5.62500	-1.20000
259	-0.675000	18.0475	-1.20000
260	81.6750	18.0475	-1.20000
261	0.00000E+00	2.35000	-1.10000
262	4.00000	2.35000	-1.10000
263	8.00000	2.35000	-1.10000
264	12.0000	2.35000	-1.10000
265	16.0000	2.35000	-1.10000
266	20.0000	2.35000	-1.10000
267	24.0000	2.35000	-1.10000
268	28.0000	2.35000	-1.10000
269	32.0000	2.35000	-1.10000
270	36.0000	2.35000	-1.10000
271	40.0000	2.35000	-1.10000
272	44.0000	2.35000	-1.10000
273	48.0000	2.35000	-1.10000
274	52.2500	2.35000	-1.10000
275	56.5000	2.35000	-1.10000
276	60.7500	2.35000	-1.10000
277	65.0000	2.35000	-1.10000

278	69.0000	2.35000	-1.10000
279	73.0000	2.35000	-1.10000
280	77.0000	2.35000	-1.10000
281	81.0000	2.35000	-1.10000
282	0.000000E+00	3.98750	-1.10000
283	4.00000	3.98750	-1.10000
284	8.00000	3.98750	-1.10000
285	12.0000	3.98750	-1.10000
286	16.0000	3.98750	-1.10000
287	20.0000	3.98750	-1.10000
288	24.0000	3.98750	-1.10000
289	28.0000	3.98750	-1.10000
290	32.0000	3.98750	-1.10000
291	36.0000	3.98750	-1.10000
292	40.0000	3.98750	-1.10000
293	44.0000	3.98750	-1.10000
294	48.0000	3.98750	-1.10000
295	52.2500	3.98750	-1.10000
296	56.5000	3.98750	-1.10000
297	60.7500	3.98750	-1.10000
298	65.0000	3.98750	-1.10000
299	69.0000	3.98750	-1.10000
300	73.0000	3.98750	-1.10000
301	77.0000	3.98750	-1.10000
302	81.0000	3.98750	-1.10000
303	0.000000E+00	5.62500	-1.10000
304	4.00000	5.62500	-1.10000
305	8.00000	5.62500	-1.10000
306	12.0000	5.62500	-1.10000
307	16.0000	5.62500	-1.10000
308	20.0000	5.62500	-1.10000
309	24.0000	5.62500	-1.10000
310	28.0000	5.62500	-1.10000
311	32.0000	5.62500	-1.10000
312	36.0000	5.62500	-1.10000
313	40.0000	5.62500	-1.10000
314	44.0000	5.62500	-1.10000
315	48.0000	5.62500	-1.10000
316	52.2500	5.62500	-1.10000
317	56.5000	5.62500	-1.10000
318	60.7500	5.62500	-1.10000
319	65.0000	5.62500	-1.10000
320	69.0000	5.62500	-1.10000
321	73.0000	5.62500	-1.10000
322	77.0000	5.62500	-1.10000
323	81.0000	5.62500	-1.10000
324	0.000000E+00	7.26250	-1.10000
325	4.00000	7.26250	-1.10000
326	8.00000	7.26250	-1.10000
327	12.0000	7.26250	-1.10000
328	16.0000	7.26250	-1.10000
329	20.0000	7.26250	-1.10000
330	24.0000	7.26250	-1.10000
331	28.0000	7.26250	-1.10000
332	32.0000	7.26250	-1.10000
333	36.0000	7.26250	-1.10000
334	40.0000	7.26250	-1.10000
335	44.0000	7.26250	-1.10000
336	48.0000	7.26250	-1.10000
337	52.2500	7.26250	-1.10000
338	56.5000	7.26250	-1.10000
339	60.7500	7.26250	-1.10000
340	65.0000	7.26250	-1.10000
341	69.0000	7.26250	-1.10000
342	73.0000	7.26250	-1.10000
343	77.0000	7.26250	-1.10000
344	81.0000	7.26250	-1.10000
345	0.000000E+00	8.90000	-1.10000
346	4.00000	8.90000	-1.10000
347	8.00000	8.90000	-1.10000
348	12.0000	8.90000	-1.10000
349	16.0000	8.90000	-1.10000
350	20.0000	8.90000	-1.10000
351	24.0000	8.90000	-1.10000
352	28.0000	8.90000	-1.10000
353	32.0000	8.90000	-1.10000
354	36.0000	8.90000	-1.10000
355	40.0000	8.90000	-1.10000
356	44.0000	8.90000	-1.10000
357	48.0000	8.90000	-1.10000
358	52.2500	8.90000	-1.10000
359	56.5000	8.90000	-1.10000
360	60.7500	8.90000	-1.10000
361	65.0000	8.90000	-1.10000
362	69.0000	8.90000	-1.10000
363	73.0000	8.90000	-1.10000
364	77.0000	8.90000	-1.10000
365	81.0000	8.90000	-1.10000
366	4.00000	2.35000	-0.902500
367	8.00000	2.35000	-0.902500
368	12.0000	2.35000	-0.902500
369	16.0000	2.35000	-0.902500
370	20.0000	2.35000	-0.902500
371	24.0000	2.35000	-0.902500
372	28.0000	2.35000	-0.902500
373	32.0000	2.35000	-0.902500
374	36.0000	2.35000	-0.902500
375	44.0000	2.35000	-0.902500
376	48.0000	2.35000	-0.902500
377	52.2500	2.35000	-0.902500
378	56.5000	2.35000	-0.902500
379	60.7500	2.35000	-0.902500
380	65.0000	2.35000	-0.902500
381	69.0000	2.35000	-0.902500
382	73.0000	2.35000	-0.902500
383	77.0000	2.35000	-0.902500
384	4.00000	8.90000	-0.902500
385	8.00000	8.90000	-0.902500
386	12.0000	8.90000	-0.902500
387	16.0000	8.90000	-0.902500
388	20.0000	8.90000	-0.902500
389	24.0000	8.90000	-0.902500
390	28.0000	8.90000	-0.902500
391	32.0000	8.90000	-0.902500
392	36.0000	8.90000	-0.902500
393	44.0000	8.90000	-0.902500
394	48.0000	8.90000	-0.902500
395	52.2500	8.90000	-0.902500
396	56.5000	8.90000	-0.902500
397	60.7500	8.90000	-0.902500
398	65.0000	8.90000	-0.902500
399	69.0000	8.90000	-0.902500
400	73.0000	8.90000	-0.902500
401	77.0000	8.90000	-0.902500
402	0.000000E+00	2.35000	-0.775000
403	40.0000	2.35000	-0.775000
404	81.0000	2.35000	-0.775000
405	0.000000E+00	8.90000	-0.775000
406	40.0000	8.90000	-0.775000
407	81.0000	8.90000	-0.775000
408	4.00000	2.35000	-0.705000
409	8.00000	2.35000	-0.705000
410	12.0000	2.35000	-0.705000
411	16.0000	2.35000	-0.705000
412	20.0000	2.35000	-0.705000
413	24.0000	2.35000	-0.705000
414	28.0000	2.35000	-0.705000
415	32.0000	2.35000	-0.705000
416	36.0000	2.35000	-0.705000
417	44.0000	2.35000	-0.705000
418	48.0000	2.35000	-0.705000

419	52.2500	2.35000	-0.705000
420	56.5000	2.35000	-0.705000
421	60.7500	2.35000	-0.705000
422	65.0000	2.35000	-0.705000
423	69.0000	2.35000	-0.705000
424	73.0000	2.35000	-0.705000
425	77.0000	2.35000	-0.705000
426	4.00000	8.90000	-0.705000
427	8.00000	8.90000	-0.705000
428	12.0000	8.90000	-0.705000
429	16.0000	8.90000	-0.705000
430	20.0000	8.90000	-0.705000
431	24.0000	8.90000	-0.705000
432	28.0000	8.90000	-0.705000
433	32.0000	8.90000	-0.705000
434	36.0000	8.90000	-0.705000
435	44.0000	8.90000	-0.705000
436	48.0000	8.90000	-0.705000
437	52.2500	8.90000	-0.705000
438	56.5000	8.90000	-0.705000
439	60.7500	8.90000	-0.705000
440	65.0000	8.90000	-0.705000
441	69.0000	8.90000	-0.705000
442	73.0000	8.90000	-0.705000
443	77.0000	8.90000	-0.705000
444	-0.675000	5.62500	-0.666667
445	81.6750	5.62500	-0.666667
446	-0.675000	18.0475	-0.666667
447	81.6750	18.0475	-0.666667
448	0.000000E+00	2.35000	-0.450000
449	40.0000	2.35000	-0.450000
450	81.0000	2.35000	-0.450000
451	0.000000E+00	8.90000	-0.450000
452	40.0000	8.90000	-0.450000
453	81.0000	8.90000	-0.450000
454	4.00000	2.35000	-0.352500
455	8.00000	2.35000	-0.352500
456	12.0000	2.35000	-0.352500
457	16.0000	2.35000	-0.352500
458	20.0000	2.35000	-0.352500
459	24.0000	2.35000	-0.352500
460	28.0000	2.35000	-0.352500
461	32.0000	2.35000	-0.352500
462	36.0000	2.35000	-0.352500
463	44.0000	2.35000	-0.352500
464	48.0000	2.35000	-0.352500
465	52.2500	2.35000	-0.352500
466	56.5000	2.35000	-0.352500
467	60.7500	2.35000	-0.352500
468	65.0000	2.35000	-0.352500
469	69.0000	2.35000	-0.352500
470	73.0000	2.35000	-0.352500
471	77.0000	2.35000	-0.352500
472	4.00000	8.90000	-0.352500
473	8.00000	8.90000	-0.352500
474	12.0000	8.90000	-0.352500
475	16.0000	8.90000	-0.352500
476	20.0000	8.90000	-0.352500
477	24.0000	8.90000	-0.352500
478	28.0000	8.90000	-0.352500
479	32.0000	8.90000	-0.352500
480	36.0000	8.90000	-0.352500
481	44.0000	8.90000	-0.352500
482	48.0000	8.90000	-0.352500
483	52.2500	8.90000	-0.352500
484	56.5000	8.90000	-0.352500
485	60.7500	8.90000	-0.352500
486	65.0000	8.90000	-0.352500
487	69.0000	8.90000	-0.352500
488	73.0000	8.90000	-0.352500
489	77.0000	8.90000	-0.352500
490	0.000000E+00	2.35000	-0.225000
491	40.0000	2.35000	-0.225000
492	81.0000	2.35000	-0.225000
493	0.000000E+00	8.90000	-0.225000
494	40.0000	8.90000	-0.225000
495	81.0000	8.90000	-0.225000
496	-0.675000	5.62500	-0.133333
497	81.6750	5.62500	-0.133333
498	-0.675000	18.0475	-0.133333
499	81.6750	18.0475	-0.133333
500	0.000000E+00	0.000000E+00	0.000000E+00
501	0.000000E+00	0.000000E+00	0.000000E+00
502	1.33333	0.000000E+00	0.000000E+00
503	2.66667	0.000000E+00	0.000000E+00
504	4.00000	0.000000E+00	0.000000E+00
505	5.33333	0.000000E+00	0.000000E+00
506	6.66667	0.000000E+00	0.000000E+00
507	8.00000	0.000000E+00	0.000000E+00
508	10.0000	0.000000E+00	0.000000E+00
509	12.0000	0.000000E+00	0.000000E+00
510	13.3333	0.000000E+00	0.000000E+00
511	14.6667	0.000000E+00	0.000000E+00
512	16.0000	0.000000E+00	0.000000E+00
513	17.3333	0.000000E+00	0.000000E+00
514	18.6667	0.000000E+00	0.000000E+00
515	20.0000	0.000000E+00	0.000000E+00
516	22.0000	0.000000E+00	0.000000E+00
517	24.0000	0.000000E+00	0.000000E+00
518	25.3333	0.000000E+00	0.000000E+00
519	26.6667	0.000000E+00	0.000000E+00
520	28.0000	0.000000E+00	0.000000E+00
521	29.3333	0.000000E+00	0.000000E+00
522	30.6667	0.000000E+00	0.000000E+00
523	32.0000	0.000000E+00	0.000000E+00
524	34.0000	0.000000E+00	0.000000E+00
525	36.0000	0.000000E+00	0.000000E+00
526	37.3333	0.000000E+00	0.000000E+00
527	38.6667	0.000000E+00	0.000000E+00
528	40.0000	0.000000E+00	0.000000E+00
529	41.3333	0.000000E+00	0.000000E+00
530	42.6667	0.000000E+00	0.000000E+00
531	44.0000	0.000000E+00	0.000000E+00
532	46.0000	0.000000E+00	0.000000E+00
533	48.0000	0.000000E+00	0.000000E+00
534	49.4167	0.000000E+00	0.000000E+00
535	50.8333	0.000000E+00	0.000000E+00
536	52.2500	0.000000E+00	0.000000E+00
537	53.6667	0.000000E+00	0.000000E+00
538	55.0833	0.000000E+00	0.000000E+00
539	56.5000	0.000000E+00	0.000000E+00
540	58.0000	0.000000E+00	0.000000E+00
541	59.3750	0.000000E+00	0.000000E+00
542	60.7500	0.000000E+00	0.000000E+00
543	62.1667	0.000000E+00	0.000000E+00
544	63.5833	0.000000E+00	0.000000E+00
545	65.0000	0.000000E+00	0.000000E+00
546	66.3333	0.000000E+00	0.000000E+00
547	67.6667	0.000000E+00	0.000000E+00
548	69.0000	0.000000E+00	0.000000E+00
549	70.0000	0.000000E+00	0.000000E+00
550	71.5000	0.000000E+00	0.000000E+00
551	73.0000	0.000000E+00	0.000000E+00
552	74.3333	0.000000E+00	0.000000E+00
553	75.6667	0.000000E+00	0.000000E+00
554	77.0000	0.000000E+00	0.000000E+00
555	78.3333	0.000000E+00	0.000000E+00
556	79.6667	0.000000E+00	0.000000E+00
557	81.0000	0.000000E+00	0.000000E+00
558	81.0000	0.000000E+00	0.000000E+00
559	0.000000E+00	0.750000	0.000000E+00

560	1.33333	0.750000	0.000000E+00
561	2.66667	0.750000	0.000000E+00
562	4.00000	0.750000	0.000000E+00
563	5.33333	0.750000	0.000000E+00
564	6.66667	0.750000	0.000000E+00
565	8.00000	0.750000	0.000000E+00
566	10.0000	0.750000	0.000000E+00
567	12.0000	0.750000	0.000000E+00
568	13.3333	0.750000	0.000000E+00
569	14.6667	0.750000	0.000000E+00
570	16.0000	0.750000	0.000000E+00
571	17.3333	0.750000	0.000000E+00
572	18.6667	0.750000	0.000000E+00
573	20.0000	0.750000	0.000000E+00
574	22.0000	0.750000	0.000000E+00
575	24.0000	0.750000	0.000000E+00
576	25.3333	0.750000	0.000000E+00
577	26.6667	0.750000	0.000000E+00
578	28.0000	0.750000	0.000000E+00
579	29.3333	0.750000	0.000000E+00
580	30.6667	0.750000	0.000000E+00
581	32.0000	0.750000	0.000000E+00
582	34.0000	0.750000	0.000000E+00
583	36.0000	0.750000	0.000000E+00
584	37.3333	0.750000	0.000000E+00
585	38.6667	0.750000	0.000000E+00
586	40.0000	0.750000	0.000000E+00
587	41.3333	0.750000	0.000000E+00
588	42.6667	0.750000	0.000000E+00
589	44.0000	0.750000	0.000000E+00
590	46.0000	0.750000	0.000000E+00
591	48.0000	0.750000	0.000000E+00
592	49.4167	0.750000	0.000000E+00
593	50.8333	0.750000	0.000000E+00
594	52.2500	0.750000	0.000000E+00
595	53.6667	0.750000	0.000000E+00
596	55.0833	0.750000	0.000000E+00
597	56.5000	0.750000	0.000000E+00
598	58.0000	0.750000	0.000000E+00
599	59.3750	0.750000	0.000000E+00
600	60.7500	0.750000	0.000000E+00
601	62.1667	0.750000	0.000000E+00
602	63.5833	0.750000	0.000000E+00
603	65.0000	0.750000	0.000000E+00
604	66.3333	0.750000	0.000000E+00
605	67.6667	0.750000	0.000000E+00
606	69.0000	0.750000	0.000000E+00
607	70.0000	0.750000	0.000000E+00
608	71.5000	0.750000	0.000000E+00
609	73.0000	0.750000	0.000000E+00
610	74.3333	0.750000	0.000000E+00
611	75.6667	0.750000	0.000000E+00
612	77.0000	0.750000	0.000000E+00
613	78.3333	0.750000	0.000000E+00
614	79.6667	0.750000	0.000000E+00
615	81.0000	0.750000	0.000000E+00
616	0.000000E+00	2.35000	0.000000E+00
617	1.33333	2.35000	0.000000E+00
618	2.66667	2.35000	0.000000E+00
619	4.00000	2.35000	0.000000E+00
620	5.33333	2.35000	0.000000E+00
621	6.66667	2.35000	0.000000E+00
622	8.00000	2.35000	0.000000E+00
623	10.0000	2.35000	0.000000E+00
624	12.0000	2.35000	0.000000E+00
625	13.3333	2.35000	0.000000E+00
626	14.6667	2.35000	0.000000E+00
627	16.0000	2.35000	0.000000E+00
628	17.3333	2.35000	0.000000E+00
629	18.6667	2.35000	0.000000E+00
630	20.0000	2.35000	0.000000E+00
631	22.0000	2.35000	0.000000E+00
632	24.0000	2.35000	0.000000E+00
633	25.3333	2.35000	0.000000E+00
634	26.6667	2.35000	0.000000E+00
635	28.0000	2.35000	0.000000E+00
636	29.3333	2.35000	0.000000E+00
637	30.6667	2.35000	0.000000E+00
638	32.0000	2.35000	0.000000E+00
639	34.0000	2.35000	0.000000E+00
640	36.0000	2.35000	0.000000E+00
641	37.3333	2.35000	0.000000E+00
642	38.6667	2.35000	0.000000E+00
643	40.0000	2.35000	0.000000E+00
644	41.3333	2.35000	0.000000E+00
645	42.6667	2.35000	0.000000E+00
646	44.0000	2.35000	0.000000E+00
647	46.0000	2.35000	0.000000E+00
648	48.0000	2.35000	0.000000E+00
649	49.4167	2.35000	0.000000E+00
650	50.8333	2.35000	0.000000E+00
651	52.2500	2.35000	0.000000E+00
652	53.6667	2.35000	0.000000E+00
653	55.0833	2.35000	0.000000E+00
654	56.5000	2.35000	0.000000E+00
655	58.0000	2.35000	0.000000E+00
656	59.3750	2.35000	0.000000E+00
657	60.7500	2.35000	0.000000E+00
658	62.1667	2.35000	0.000000E+00
659	63.5833	2.35000	0.000000E+00
660	65.0000	2.35000	0.000000E+00
661	66.3333	2.35000	0.000000E+00
662	67.6667	2.35000	0.000000E+00
663	69.0000	2.35000	0.000000E+00
664	70.0000	2.35000	0.000000E+00
665	71.5000	2.35000	0.000000E+00
666	73.0000	2.35000	0.000000E+00
667	74.3333	2.35000	0.000000E+00
668	75.6667	2.35000	0.000000E+00
669	77.0000	2.35000	0.000000E+00
670	78.3333	2.35000	0.000000E+00
671	79.6667	2.35000	0.000000E+00
672	81.0000	2.35000	0.000000E+00
673	0.000000E+00	3.98750	0.000000E+00
674	1.33333	3.98750	0.000000E+00
675	2.66667	3.98750	0.000000E+00
676	4.00000	3.98750	-0.111022E-15
677	5.33333	3.98750	0.000000E+00
678	6.66667	3.98750	0.000000E+00
679	8.00000	3.98750	0.000000E+00
680	10.0000	3.98750	0.000000E+00
681	12.0000	3.98750	0.000000E+00
682	13.3333	3.98750	0.000000E+00
683	14.6667	3.98750	0.000000E+00
684	16.0000	3.98750	0.000000E+00
685	17.3333	3.98750	-0.357931E-15
686	18.6667	3.98750	-0.930621E-15
687	20.0000	3.98750	-0.644276E-14
688	22.0000	3.98750	0.000000E+00
689	24.0000	3.98750	0.000000E+00
690	25.3333	3.98750	0.000000E+00
691	26.6667	3.98750	0.000000E+00
692	28.0000	3.98750	0.277556E-16
693	29.3333	3.98750	0.000000E+00
694	30.6667	3.98750	0.000000E+00
695	32.0000	3.98750	0.000000E+00
696	34.0000	3.98750	0.000000E+00
697	36.0000	3.98750	0.000000E+00
698	37.3333	3.98750	0.000000E+00
699	38.6667	3.98750	0.000000E+00
700	40.0000	3.98750	0.000000E+00

701	41.3333	3.98750	0.000000E+00
702	42.6667	3.98750	0.000000E+00
703	44.0000	3.98750	0.000000E+00
704	46.0000	3.98750	0.000000E+00
705	48.0000	3.98750	0.000000E+00
706	49.4167	3.98750	0.000000E+00
707	50.8333	3.98750	0.000000E+00
708	52.2500	3.98750	-0.154943E-13
709	53.6667	3.98750	0.000000E+00
710	55.0833	3.98750	0.000000E+00
711	56.5000	3.98750	-0.147105E-14
712	58.0000	3.98750	0.000000E+00
713	59.3750	3.98750	0.000000E+00
714	60.7500	3.98750	0.000000E+00
715	62.1667	3.98750	0.000000E+00
716	63.5833	3.98750	0.000000E+00
717	65.0000	3.98750	0.000000E+00
718	66.3333	3.98750	0.000000E+00
719	67.6667	3.98750	0.000000E+00
720	69.0000	3.98750	0.334455E-14
721	70.0000	3.98750	0.000000E+00
722	71.5000	3.98750	0.000000E+00
723	73.0000	3.98750	0.000000E+00
724	74.3333	3.98750	0.000000E+00
725	75.6667	3.98750	0.000000E+00
726	77.0000	3.98750	0.277556E-16
727	78.3333	3.98750	0.000000E+00
728	79.6667	3.98750	0.000000E+00
729	81.0000	3.98750	0.000000E+00
730	0.000000E+00	5.62500	0.000000E+00
731	1.33333	5.62500	0.000000E+00
732	2.66667	5.62500	0.000000E+00
733	4.00000	5.62500	0.000000E+00
734	5.33333	5.62500	0.000000E+00
735	6.66667	5.62500	0.000000E+00
736	8.00000	5.62500	0.000000E+00
737	10.0000	5.62500	0.000000E+00
738	12.0000	5.62500	0.000000E+00
739	13.3333	5.62500	0.000000E+00
740	14.6667	5.62500	0.000000E+00
741	16.0000	5.62500	0.000000E+00
742	17.3333	5.62500	0.000000E+00
743	18.6667	5.62500	0.000000E+00
744	20.0000	5.62500	0.000000E+00
745	22.0000	5.62500	0.000000E+00
746	24.0000	5.62500	0.000000E+00
747	25.3333	5.62500	0.000000E+00
748	26.6667	5.62500	0.000000E+00
749	28.0000	5.62500	0.000000E+00
750	29.3333	5.62500	0.000000E+00
751	30.6667	5.62500	0.000000E+00
752	32.0000	5.62500	0.000000E+00
753	34.0000	5.62500	0.000000E+00
754	36.0000	5.62500	0.000000E+00
755	37.3333	5.62500	0.000000E+00
756	38.6667	5.62500	0.000000E+00
757	40.0000	5.62500	0.000000E+00
758	41.3333	5.62500	0.000000E+00
759	42.6667	5.62500	0.000000E+00
760	44.0000	5.62500	0.000000E+00
761	46.0000	5.62500	0.000000E+00
762	48.0000	5.62500	0.000000E+00
763	49.4167	5.62500	0.000000E+00
764	50.8333	5.62500	0.000000E+00
765	52.2500	5.62500	0.000000E+00
766	53.6667	5.62500	0.000000E+00
767	55.0833	5.62500	0.000000E+00
768	56.5000	5.62500	0.000000E+00
769	58.0000	5.62500	0.000000E+00
770	59.3750	5.62500	0.000000E+00
771	60.7500	5.62500	0.000000E+00
772	62.1667	5.62500	0.000000E+00
773	63.5833	5.62500	0.000000E+00
774	65.0000	5.62500	0.000000E+00
775	66.3333	5.62500	0.000000E+00
776	67.6667	5.62500	0.000000E+00
777	69.0000	5.62500	0.000000E+00
778	70.0000	5.62500	0.000000E+00
779	71.5000	5.62500	0.000000E+00
780	73.0000	5.62500	0.000000E+00
781	74.3333	5.62500	0.000000E+00
782	75.6667	5.62500	0.000000E+00
783	77.0000	5.62500	0.000000E+00
784	78.3333	5.62500	0.000000E+00
785	79.6667	5.62500	0.000000E+00
786	81.0000	5.62500	0.000000E+00
787	0.000000E+00	7.26250	0.000000E+00
788	1.33333	7.26250	0.000000E+00
789	2.66667	7.26250	0.000000E+00
790	4.00000	7.26250	-0.971445E-16
791	5.33333	7.26250	0.000000E+00
792	6.66667	7.26250	0.000000E+00
793	8.00000	7.26250	0.000000E+00
794	10.0000	7.26250	0.000000E+00
795	12.0000	7.26250	0.000000E+00
796	13.3333	7.26250	0.000000E+00
797	14.6667	7.26250	0.000000E+00
798	16.0000	7.26250	0.000000E+00
799	17.3333	7.26250	0.000000E+00
800	18.6667	7.26250	0.000000E+00
801	20.0000	7.26250	0.000000E+00
802	22.0000	7.26250	0.000000E+00
803	24.0000	7.26250	0.000000E+00
804	25.3333	7.26250	0.000000E+00
805	26.6667	7.26250	0.000000E+00
806	28.0000	7.26250	0.000000E+00
807	29.3333	7.26250	0.000000E+00
808	30.6667	7.26250	0.000000E+00
809	32.0000	7.26250	0.000000E+00
810	34.0000	7.26250	0.000000E+00
811	36.0000	7.26250	0.000000E+00
812	37.3333	7.26250	0.000000E+00
813	38.6667	7.26250	0.000000E+00
814	40.0000	7.26250	0.000000E+00
815	41.3333	7.26250	0.000000E+00
816	42.6667	7.26250	0.000000E+00
817	44.0000	7.26250	0.000000E+00
818	46.0000	7.26250	0.000000E+00
819	48.0000	7.26250	0.000000E+00
820	49.4167	7.26250	0.000000E+00
821	50.8333	7.26250	0.000000E+00
822	52.2500	7.26250	0.000000E+00
823	53.6667	7.26250	0.000000E+00
824	55.0833	7.26250	0.000000E+00
825	56.5000	7.26250	0.288658E-14
826	58.0000	7.26250	0.000000E+00
827	59.3750	7.26250	0.000000E+00
828	60.7500	7.26250	0.000000E+00
829	62.1667	7.26250	0.000000E+00
830	63.5833	7.26250	0.000000E+00
831	65.0000	7.26250	0.000000E+00
832	66.3333	7.26250	0.000000E+00
833	67.6667	7.26250	0.000000E+00
834	69.0000	7.26250	0.399680E-14
835	70.0000	7.26250	0.000000E+00
836	71.5000	7.26250	0.000000E+00
837	73.0000	7.26250	0.000000E+00
838	74.3333	7.26250	0.000000E+00
839	75.6667	7.26250	0.000000E+00
840	77.0000	7.26250	0.000000E+00
841	78.3333	7.26250	0.000000E+00

842	79.6667	7.26250	0.000000E+00
843	81.0000	7.26250	0.000000E+00
844	0.000000E+00	8.90000	0.000000E+00
845	1.33333	8.90000	0.000000E+00
846	2.66667	8.90000	0.000000E+00
847	4.00000	8.90000	0.000000E+00
848	5.33333	8.90000	0.000000E+00
849	6.66667	8.90000	0.000000E+00
850	8.00000	8.90000	0.000000E+00
851	10.0000	8.90000	0.000000E+00
852	12.0000	8.90000	0.000000E+00
853	13.3333	8.90000	0.000000E+00
854	14.6667	8.90000	0.000000E+00
855	16.0000	8.90000	0.000000E+00
856	17.3333	8.90000	0.000000E+00
857	18.6667	8.90000	0.000000E+00
858	20.0000	8.90000	0.000000E+00
859	22.0000	8.90000	0.000000E+00
860	24.0000	8.90000	0.000000E+00
861	25.3333	8.90000	0.000000E+00
862	26.6667	8.90000	0.000000E+00
863	28.0000	8.90000	0.000000E+00
864	29.3333	8.90000	0.000000E+00
865	30.6667	8.90000	0.000000E+00
866	32.0000	8.90000	0.000000E+00
867	34.0000	8.90000	0.000000E+00
868	36.0000	8.90000	0.000000E+00
869	37.3333	8.90000	0.000000E+00
870	38.6667	8.90000	0.000000E+00
871	40.0000	8.90000	0.000000E+00
872	41.3333	8.90000	0.000000E+00
873	42.6667	8.90000	0.000000E+00
874	44.0000	8.90000	0.000000E+00
875	46.0000	8.90000	0.000000E+00
876	48.0000	8.90000	0.000000E+00
877	49.4167	8.90000	0.000000E+00
878	50.8333	8.90000	0.000000E+00
879	52.2500	8.90000	0.000000E+00
880	53.6667	8.90000	0.000000E+00
881	55.0833	8.90000	0.000000E+00
882	56.5000	8.90000	0.000000E+00
883	58.0000	8.90000	0.000000E+00
884	59.3750	8.90000	0.000000E+00
885	60.7500	8.90000	0.000000E+00
886	62.1667	8.90000	0.000000E+00
887	63.5833	8.90000	0.000000E+00
888	65.0000	8.90000	0.000000E+00
889	66.3333	8.90000	0.000000E+00
890	67.6667	8.90000	0.000000E+00
891	69.0000	8.90000	0.000000E+00
892	70.0000	8.90000	0.000000E+00
893	71.5000	8.90000	0.000000E+00
894	73.0000	8.90000	0.000000E+00
895	74.3333	8.90000	0.000000E+00
896	75.6667	8.90000	0.000000E+00
897	77.0000	8.90000	0.000000E+00
898	78.3333	8.90000	0.000000E+00
899	79.6667	8.90000	0.000000E+00
900	81.0000	8.90000	0.000000E+00
901	0.000000E+00	10.5000	0.000000E+00
902	1.33333	10.5000	0.000000E+00
903	2.66667	10.5000	0.000000E+00
904	4.00000	10.5000	0.000000E+00
905	5.33333	10.5000	0.000000E+00
906	6.66667	10.5000	0.000000E+00
907	8.00000	10.5000	0.000000E+00
908	10.0000	10.5000	0.000000E+00
909	12.0000	10.5000	0.000000E+00
910	13.3333	10.5000	0.000000E+00
911	14.6667	10.5000	0.000000E+00
912	16.0000	10.5000	0.000000E+00
913	17.3333	10.5000	0.000000E+00
914	18.6667	10.5000	0.000000E+00
915	20.0000	10.5000	0.000000E+00
916	22.0000	10.5000	0.000000E+00
917	24.0000	10.5000	0.000000E+00
918	25.3333	10.5000	0.000000E+00
919	26.6667	10.5000	0.000000E+00
920	28.0000	10.5000	0.000000E+00
921	29.3333	10.5000	0.000000E+00
922	30.6667	10.5000	0.000000E+00
923	32.0000	10.5000	0.000000E+00
924	34.0000	10.5000	0.000000E+00
925	36.0000	10.5000	0.000000E+00
926	37.3333	10.5000	0.000000E+00
927	38.6667	10.5000	0.000000E+00
928	40.0000	10.5000	0.000000E+00
929	41.3333	10.5000	0.000000E+00
930	42.6667	10.5000	0.000000E+00
931	44.0000	10.5000	0.000000E+00
932	46.0000	10.5000	0.000000E+00
933	48.0000	10.5000	0.000000E+00
934	49.4167	10.5000	0.000000E+00
935	50.8333	10.5000	0.000000E+00
936	52.2500	10.5000	0.000000E+00
937	53.6667	10.5000	0.000000E+00
938	55.0833	10.5000	0.000000E+00
939	56.5000	10.5000	0.000000E+00
940	58.0000	10.5000	0.000000E+00
941	59.3750	10.5000	0.000000E+00
942	60.7500	10.5000	0.000000E+00
943	62.1667	10.5000	0.000000E+00
944	63.5833	10.5000	0.000000E+00
945	65.0000	10.5000	0.000000E+00
946	66.3333	10.5000	0.000000E+00
947	67.6667	10.5000	0.000000E+00
948	69.0000	10.5000	0.000000E+00
949	70.0000	10.5000	0.000000E+00
950	71.5000	10.5000	0.000000E+00
951	73.0000	10.5000	0.000000E+00
952	74.3333	10.5000	0.000000E+00
953	75.6667	10.5000	0.000000E+00
954	77.0000	10.5000	0.000000E+00
955	78.3333	10.5000	0.000000E+00
956	79.6667	10.5000	0.000000E+00
957	81.0000	10.5000	0.000000E+00
958	0.000000E+00	11.2500	0.000000E+00
959	0.000000E+00	11.2500	0.000000E+00
960	1.33333	11.2500	0.000000E+00
961	2.66667	11.2500	0.000000E+00
962	4.00000	11.2500	0.000000E+00
963	5.33333	11.2500	0.000000E+00
964	6.66667	11.2500	0.000000E+00
965	8.00000	11.2500	0.000000E+00
966	10.0000	11.2500	0.000000E+00
967	12.0000	11.2500	0.000000E+00
968	13.3333	11.2500	0.000000E+00
969	14.6667	11.2500	0.000000E+00
970	16.0000	11.2500	0.000000E+00
971	17.3333	11.2500	0.000000E+00
972	18.6667	11.2500	0.000000E+00
973	20.0000	11.2500	0.000000E+00
974	22.0000	11.2500	0.000000E+00
975	24.0000	11.2500	0.000000E+00
976	25.3333	11.2500	0.000000E+00
977	26.6667	11.2500	0.000000E+00
978	28.0000	11.2500	0.000000E+00
979	29.3333	11.2500	0.000000E+00
980	30.6667	11.2500	0.000000E+00
981	32.0000	11.2500	0.000000E+00
982	34.0000	11.2500	0.000000E+00

983	36.0000	11.2500	0.000000E+00
984	37.3333	11.2500	0.000000E+00
985	38.6667	11.2500	0.000000E+00
986	40.0000	11.2500	0.000000E+00
987	41.3333	11.2500	0.000000E+00
988	42.6667	11.2500	0.000000E+00
989	44.0000	11.2500	0.000000E+00
990	46.0000	11.2500	0.000000E+00
991	48.0000	11.2500	0.000000E+00
992	49.4167	11.2500	0.000000E+00
993	50.8333	11.2500	0.000000E+00
994	52.2500	11.2500	0.000000E+00
995	53.6667	11.2500	0.000000E+00
996	55.0833	11.2500	0.000000E+00
997	56.5000	11.2500	0.000000E+00
998	58.0000	11.2500	0.000000E+00
999	59.3750	11.2500	0.000000E+00
1000	60.7500	11.2500	0.000000E+00
1001	62.1667	11.2500	0.000000E+00
1002	63.5833	11.2500	0.000000E+00
1003	65.0000	11.2500	0.000000E+00
1004	66.3333	11.2500	0.000000E+00
1005	67.6667	11.2500	0.000000E+00
1006	69.0000	11.2500	0.000000E+00
1007	70.0000	11.2500	0.000000E+00
1008	71.5000	11.2500	0.000000E+00
1009	73.0000	11.2500	0.000000E+00
1010	74.3333	11.2500	0.000000E+00
1011	75.6667	11.2500	0.000000E+00
1012	77.0000	11.2500	0.000000E+00
1013	78.3333	11.2500	0.000000E+00
1014	79.6667	11.2500	0.000000E+00
1015	81.0000	11.2500	0.000000E+00
1016	81.0000	11.2500	0.000000E+00
1017	-0.675000	5.62500	0.400000
1018	81.6750	5.62500	0.400000
1019	-0.675000	18.0475	0.400000
1020	81.6750	18.0475	0.400000
1021	8.00000	3.35000	0.000000E+00
1022	22.0000	3.35000	0.000000E+00
1023	32.0000	3.35000	0.000000E+00
1024	46.0000	3.35000	0.000000E+00
1025	70.0000	3.35000	0.000000E+00
1026	71.5000	3.35000	0.000000E+00
1027	8.00000	9.90000	0.000000E+00
1028	22.0000	9.90000	0.000000E+00
1029	32.0000	9.90000	0.000000E+00
1030	46.0000	9.90000	0.000000E+00
1031	70.0000	9.90000	0.000000E+00
1032	71.5000	9.90000	0.000000E+00
1033	56.5000	3.35000	0.000000E+00
1034	56.5000	9.90000	0.000000E+00
1035	0.000000E+00	3.35000	0.000000E+00
1036	1.33333	3.35000	0.000000E+00
1037	2.66667	3.35000	0.000000E+00
1038	4.00000	3.35000	0.000000E+00
1039	5.33333	3.35000	0.000000E+00
1040	6.66667	3.35000	0.000000E+00
1041	0.000000E+00	9.90000	0.000000E+00
1042	1.33333	9.90000	0.000000E+00
1043	2.66667	9.90000	0.000000E+00
1044	4.00000	9.90000	0.000000E+00
1045	5.33333	9.90000	0.000000E+00
1046	6.66667	9.90000	0.000000E+00
1047	10.0000	3.35000	0.000000E+00
1048	12.0000	3.35000	0.000000E+00
1049	13.3333	3.35000	0.000000E+00
1050	14.6667	3.35000	0.000000E+00
1051	10.0000	9.90000	0.000000E+00
1052	12.0000	9.90000	0.000000E+00
1053	13.3333	9.90000	0.000000E+00
1054	14.6667	9.90000	0.000000E+00
1055	16.0000	3.35000	0.000000E+00
1056	17.3333	3.35000	0.000000E+00
1057	18.6667	3.35000	0.000000E+00
1058	20.0000	3.35000	0.000000E+00
1059	16.0000	9.90000	0.000000E+00
1060	17.3333	9.90000	0.000000E+00
1061	18.6667	9.90000	0.000000E+00
1062	20.0000	9.90000	0.000000E+00
1063	24.0000	3.35000	0.000000E+00
1064	25.3333	3.35000	0.000000E+00
1065	26.6667	3.35000	0.000000E+00
1066	28.0000	3.35000	0.000000E+00
1067	29.3333	3.35000	0.000000E+00
1068	30.6667	3.35000	0.000000E+00
1069	24.0000	9.90000	0.000000E+00
1070	25.3333	9.90000	0.000000E+00
1071	26.6667	9.90000	0.000000E+00
1072	28.0000	9.90000	0.000000E+00
1073	29.3333	9.90000	0.000000E+00
1074	30.6667	9.90000	0.000000E+00
1075	34.0000	3.35000	0.000000E+00
1076	36.0000	3.35000	0.000000E+00
1077	37.3333	3.35000	0.000000E+00
1078	38.6667	3.35000	0.000000E+00
1079	34.0000	9.90000	0.000000E+00
1080	36.0000	9.90000	0.000000E+00
1081	37.3333	9.90000	0.000000E+00
1082	38.6667	9.90000	0.000000E+00
1083	40.0000	3.35000	0.000000E+00
1084	41.3333	3.35000	0.000000E+00
1085	42.6667	3.35000	0.000000E+00
1086	44.0000	3.35000	0.000000E+00
1087	40.0000	9.90000	0.000000E+00
1088	41.3333	9.90000	0.000000E+00
1089	42.6667	9.90000	0.000000E+00
1090	44.0000	9.90000	0.000000E+00
1091	48.0000	3.35000	0.000000E+00
1092	49.4167	3.35000	0.000000E+00
1093	50.8333	3.35000	0.000000E+00
1094	52.2500	3.35000	0.000000E+00
1095	53.6667	3.35000	0.000000E+00
1096	55.0833	3.35000	0.000000E+00
1097	48.0000	9.90000	0.000000E+00
1098	49.4167	9.90000	0.000000E+00
1099	50.8333	9.90000	0.000000E+00
1100	52.2500	9.90000	0.000000E+00
1101	53.6667	9.90000	0.000000E+00
1102	55.0833	9.90000	0.000000E+00
1103	58.0000	3.35000	0.000000E+00
1104	59.3750	3.35000	0.000000E+00
1105	60.7500	3.35000	0.000000E+00
1106	62.1667	3.35000	0.000000E+00
1107	63.5833	3.35000	0.000000E+00
1108	58.0000	9.90000	0.000000E+00
1109	59.3750	9.90000	0.000000E+00
1110	60.7500	9.90000	0.000000E+00
1111	62.1667	9.90000	0.000000E+00
1112	63.5833	9.90000	0.000000E+00
1113	65.0000	3.35000	0.000000E+00
1114	66.3333	3.35000	0.000000E+00
1115	67.6667	3.35000	0.000000E+00
1116	69.0000	3.35000	0.000000E+00
1117	65.0000	9.90000	0.000000E+00
1118	66.3333	9.90000	0.000000E+00
1119	67.6667	9.90000	0.000000E+00
1120	69.0000	9.90000	0.000000E+00
1121	73.0000	3.35000	0.000000E+00
1122	74.3333	3.35000	0.000000E+00
1123	75.6667	3.35000	0.000000E+00

1124	77.0000	3.35000	0.000000E+00
1125	78.3333	3.35000	0.000000E+00
1126	79.6667	3.35000	0.000000E+00
1127	73.0000	9.90000	0.000000E+00
1128	74.3333	9.90000	0.000000E+00
1129	75.6667	9.90000	0.000000E+00
1130	77.0000	9.90000	0.000000E+00
1131	78.3333	9.90000	0.000000E+00
1132	79.6667	9.90000	0.000000E+00
1133	-1.00000	2.35000	-1.10000
1134	-1.00000	3.98750	-1.10000
1135	-1.00000	5.62500	-1.10000
1136	-1.00000	7.26250	-1.10000
1137	7.00000	2.35000	-1.10000
1138	7.00000	3.98750	-1.10000
1139	7.00000	5.62500	-1.10000
1140	7.00000	7.26250	-1.10000
1141	15.0000	2.35000	-1.10000
1142	15.0000	3.98750	-1.10000
1143	15.0000	5.62500	-1.10000
1144	15.0000	7.26250	-1.10000
1145	23.0000	2.35000	-1.10000
1146	23.0000	3.98750	-1.10000
1147	23.0000	5.62500	-1.10000
1148	23.0000	7.26250	-1.10000
1149	31.0000	2.35000	-1.10000
1150	31.0000	3.98750	-1.10000
1151	31.0000	5.62500	-1.10000
1152	31.0000	7.26250	-1.10000
1153	39.0000	2.35000	-1.10000
1154	39.0000	3.98750	-1.10000
1155	39.0000	5.62500	-1.10000
1156	39.0000	7.26250	-1.10000
1157	47.0000	2.35000	-1.10000
1158	47.0000	3.98750	-1.10000
1159	47.0000	5.62500	-1.10000
1160	47.0000	7.26250	-1.10000
1161	55.5000	2.35000	-1.10000
1162	55.5000	3.98750	-1.10000
1163	55.5000	5.62500	-1.10000
1164	55.5000	7.26250	-1.10000
1165	64.0000	2.35000	-1.10000
1166	64.0000	3.98750	-1.10000
1167	64.0000	5.62500	-1.10000
1168	64.0000	7.26250	-1.10000
1169	72.0000	2.35000	-1.10000
1170	72.0000	3.98750	-1.10000
1171	72.0000	5.62500	-1.10000
1172	72.0000	7.26250	-1.10000
1173	80.0000	2.35000	-1.10000
1174	80.0000	3.98750	-1.10000
1175	80.0000	5.62500	-1.10000
1176	80.0000	7.26250	-1.10000
1177	41.0917	8.90000	-2.80000
1178	41.0917	5.62500	-2.80000
1179	40.0000	4.62500	-6.80000
1180	40.0000	4.62500	-5.46667
1181	40.0000	4.62500	-4.13333
1182	40.0000	4.62500	-8.60000
1183	40.0000	9.90000	-2.30000
1184	40.0000	3.35000	-2.30000
1185	79.9083	5.62500	-2.80000
1186	81.0000	7.90000	-2.80000
1187	81.0000	3.35000	-2.30000
1188	79.9083	2.35000	-2.80000
1189	-1.09167	5.62500	-2.80000
1190	0.000000E+00	7.90000	-2.80000
1191	0.000000E+00	3.35000	-2.30000
1192	-1.09167	2.35000	-2.80000
1193	1.00000	8.90000	-1.75000
1194	1.00000	8.90000	-1.42500
1195	1.00000	8.90000	-2.10000
1196	1.00000	8.90000	-1.92500
1197	9.00000	8.90000	-1.49500
1198	9.00000	8.90000	-1.29750
1199	9.00000	8.90000	-2.30000
1200	9.00000	8.90000	-1.89750
1201	17.0000	8.90000	-1.49500
1202	17.0000	8.90000	-1.29750
1203	17.0000	8.90000	-2.30000
1204	17.0000	8.90000	-1.89750
1205	25.0000	8.90000	-1.49500
1206	25.0000	8.90000	-1.29750
1207	25.0000	8.90000	-2.30000
1208	25.0000	8.90000	-1.89750
1209	33.0000	8.90000	-1.49500
1210	33.0000	8.90000	-1.29750
1211	33.0000	8.90000	-2.30000
1212	33.0000	8.90000	-1.89750
1213	41.0000	8.90000	-1.75000
1214	41.0000	8.90000	-1.42500
1215	41.0000	8.90000	-2.10000
1216	41.0000	8.90000	-1.92500
1217	49.0000	8.90000	-1.49500
1218	49.0000	8.90000	-1.29750
1219	49.0000	8.90000	-2.30000
1220	49.0000	8.90000	-1.89750
1221	57.5000	8.90000	-1.49500
1222	57.5000	8.90000	-1.29750
1223	57.5000	8.90000	-2.30000
1224	57.5000	8.90000	-1.89750
1225	66.0000	8.90000	-1.49500
1226	66.0000	8.90000	-1.29750
1227	66.0000	8.90000	-2.30000
1228	66.0000	8.90000	-1.89750
1229	74.0000	8.90000	-1.49500
1230	74.0000	8.90000	-1.29750
1231	74.0000	8.90000	-2.30000
1232	74.0000	8.90000	-1.89750
1233	82.0000	8.90000	-1.75000
1234	82.0000	8.90000	-1.42500
1235	82.0000	8.90000	-2.30000
1236	82.0000	8.90000	-2.02500
1237	-1.00000	2.35000	-1.75000
1238	-1.00000	2.35000	-1.42500
1239	-1.00000	2.35000	-2.10000
1240	-1.00000	2.35000	-1.92500
1241	7.00000	2.35000	-1.49500
1242	7.00000	2.35000	-1.29750
1243	7.00000	2.35000	-2.30000
1244	7.00000	2.35000	-1.89750
1245	15.0000	2.35000	-1.49500
1246	15.0000	2.35000	-1.29750
1247	15.0000	2.35000	-2.30000
1248	15.0000	2.35000	-1.89750
1249	23.0000	2.35000	-1.49500
1250	23.0000	2.35000	-1.29750
1251	23.0000	2.35000	-2.30000
1252	23.0000	2.35000	-1.89750
1253	31.0000	2.35000	-1.49500
1254	31.0000	2.35000	-1.29750
1255	31.0000	2.35000	-2.30000
1256	31.0000	2.35000	-1.89750
1257	39.0000	2.35000	-1.75000
1258	39.0000	2.35000	-1.42500
1259	39.0000	2.35000	-2.10000
1260	39.0000	2.35000	-1.92500
1261	47.0000	2.35000	-1.49500
1262	47.0000	2.35000	-1.29750
1263	47.0000	2.35000	-2.30000
1264	47.0000	2.35000	-1.89750

1265	55.5000	2.35000	-1.49500
1266	55.5000	2.35000	-1.29750
1267	55.5000	2.35000	-2.30000
1268	55.5000	2.35000	-1.89750
1269	64.0000	2.35000	-1.49500
1270	64.0000	2.35000	-1.29750
1271	64.0000	2.35000	-2.30000
1272	64.0000	2.35000	-1.89750
1273	72.0000	2.35000	-1.49500
1274	72.0000	2.35000	-1.29750
1275	72.0000	2.35000	-2.30000
1276	72.0000	2.35000	-1.89750
1277	80.0000	2.35000	-1.75000
1278	80.0000	2.35000	-1.42500
1279	80.0000	2.35000	-2.30000
1280	80.0000	2.35000	-2.02500
1281	1.00000	8.90000	-0.450000
1282	1.00000	8.90000	-0.225000
1283	1.00000	8.90000	-1.10000
1284	1.00000	8.90000	-0.775000
1285	9.00000	8.90000	-0.705000
1286	9.00000	8.90000	-0.352500
1287	9.00000	8.90000	-1.10000
1288	9.00000	8.90000	-0.902500
1289	17.0000	8.90000	-0.705000
1290	17.0000	8.90000	-0.352500
1291	17.0000	8.90000	-1.10000
1292	17.0000	8.90000	-0.902500
1293	25.0000	8.90000	-0.705000
1294	25.0000	8.90000	-0.352500
1295	25.0000	8.90000	-1.10000
1296	25.0000	8.90000	-0.902500
1297	33.0000	8.90000	-0.705000
1298	33.0000	8.90000	-0.352500
1299	33.0000	8.90000	-1.10000
1300	33.0000	8.90000	-0.902500
1301	41.0000	8.90000	-0.450000
1302	41.0000	8.90000	-0.225000
1303	41.0000	8.90000	-1.10000
1304	41.0000	8.90000	-0.775000
1305	49.0000	8.90000	-0.705000
1306	49.0000	8.90000	-0.352500
1307	49.0000	8.90000	-1.10000
1308	49.0000	8.90000	-0.902500
1309	57.5000	8.90000	-0.705000
1310	57.5000	8.90000	-0.352500
1311	57.5000	8.90000	-1.10000
1312	57.5000	8.90000	-0.902500
1313	66.0000	8.90000	-0.705000
1314	66.0000	8.90000	-0.352500
1315	66.0000	8.90000	-1.10000
1316	66.0000	8.90000	-0.902500
1317	74.0000	8.90000	-0.705000
1318	74.0000	8.90000	-0.352500
1319	74.0000	8.90000	-1.10000
1320	74.0000	8.90000	-0.902500
1321	82.0000	8.90000	-0.450000
1322	82.0000	8.90000	-0.225000
1323	82.0000	8.90000	-1.10000
1324	82.0000	8.90000	-0.775000
1325	-1.00000	2.35000	-0.450000
1326	-1.00000	2.35000	-0.225000
1327	-1.00000	2.35000	-1.10000
1328	-1.00000	2.35000	-0.775000
1329	7.00000	2.35000	-0.705000
1330	7.00000	2.35000	-0.352500
1331	7.00000	2.35000	-1.10000
1332	7.00000	2.35000	-0.902500
1333	15.0000	2.35000	-0.705000
1334	15.0000	2.35000	-0.352500
1335	15.0000	2.35000	-1.10000
1336	15.0000	2.35000	-0.902500
1337	23.0000	2.35000	-0.705000
1338	23.0000	2.35000	-0.352500
1339	23.0000	2.35000	-1.10000
1340	23.0000	2.35000	-0.902500
1341	31.0000	2.35000	-0.705000
1342	31.0000	2.35000	-0.352500
1343	31.0000	2.35000	-1.10000
1344	31.0000	2.35000	-0.902500
1345	39.0000	2.35000	-0.450000
1346	39.0000	2.35000	-0.225000
1347	39.0000	2.35000	-1.10000
1348	39.0000	2.35000	-0.775000
1349	47.0000	2.35000	-0.705000
1350	47.0000	2.35000	-0.352500
1351	47.0000	2.35000	-1.10000
1352	47.0000	2.35000	-0.902500
1353	55.5000	2.35000	-0.705000
1354	55.5000	2.35000	-0.352500
1355	55.5000	2.35000	-1.10000
1356	55.5000	2.35000	-0.902500
1357	64.0000	2.35000	-0.705000
1358	64.0000	2.35000	-0.352500
1359	64.0000	2.35000	-1.10000
1360	64.0000	2.35000	-0.902500
1361	72.0000	2.35000	-0.705000
1362	72.0000	2.35000	-0.352500
1363	72.0000	2.35000	-1.10000
1364	72.0000	2.35000	-0.902500
1365	80.0000	2.35000	-0.450000
1366	80.0000	2.35000	-0.225000
1367	80.0000	2.35000	-1.10000
1368	80.0000	2.35000	-0.775000
1369	3.00000	2.35000	-1.10000
1370	3.00000	3.98750	-1.10000
1371	3.00000	5.62500	-1.10000
1372	3.00000	7.26250	-1.10000
1373	5.00000	8.90000	-1.49500
1374	5.00000	8.90000	-1.29750
1375	5.00000	8.90000	-2.30000
1376	5.00000	8.90000	-1.89750
1377	3.00000	2.35000	-1.49500
1378	3.00000	2.35000	-1.29750
1379	3.00000	2.35000	-2.30000
1380	3.00000	2.35000	-1.89750
1381	5.00000	8.90000	-0.705000
1382	5.00000	8.90000	-0.352500
1383	5.00000	8.90000	-1.10000
1384	5.00000	8.90000	-0.902500
1385	3.00000	2.35000	-0.705000
1386	3.00000	2.35000	-0.352500
1387	3.00000	2.35000	-1.10000
1388	3.00000	2.35000	-0.902500
1389	11.0000	2.35000	-1.10000
1390	11.0000	3.98750	-1.10000
1391	11.0000	5.62500	-1.10000
1392	11.0000	7.26250	-1.10000
1393	13.0000	8.90000	-1.49500
1394	13.0000	8.90000	-1.29750
1395	13.0000	8.90000	-2.30000
1396	13.0000	8.90000	-1.89750
1397	11.0000	2.35000	-1.49500
1398	11.0000	2.35000	-1.29750
1399	11.0000	2.35000	-2.30000
1400	11.0000	2.35000	-1.89750
1401	13.0000	8.90000	-0.705000
1402	13.0000	8.90000	-0.352500
1403	13.0000	8.90000	-1.10000
1404	13.0000	8.90000	-0.902500
1405	11.0000	2.35000	-0.705000

1406	11.0000	2.35000	-0.352500
1407	11.0000	2.35000	-1.10000
1408	11.0000	2.35000	-0.902500
1409	19.0000	2.35000	-1.10000
1410	19.0000	3.98750	-1.10000
1411	19.0000	5.62500	-1.10000
1412	19.0000	7.26250	-1.10000
1413	21.0000	8.90000	-1.49500
1414	21.0000	8.90000	-1.29750
1415	21.0000	8.90000	-2.30000
1416	21.0000	8.90000	-1.89750
1417	19.0000	2.35000	-1.49500
1418	19.0000	2.35000	-1.29750
1419	19.0000	2.35000	-2.30000
1420	19.0000	2.35000	-1.89750
1421	21.0000	8.90000	-0.705000
1422	21.0000	8.90000	-0.352500
1423	21.0000	8.90000	-1.10000
1424	21.0000	8.90000	-0.902500
1425	19.0000	2.35000	-0.705000
1426	19.0000	2.35000	-0.352500
1427	19.0000	2.35000	-1.10000
1428	19.0000	2.35000	-0.902500
1429	27.0000	2.35000	-1.10000
1430	27.0000	3.98750	-1.10000
1431	27.0000	5.62500	-1.10000
1432	27.0000	7.26250	-1.10000
1433	29.0000	8.90000	-1.49500
1434	29.0000	8.90000	-1.29750
1435	29.0000	8.90000	-2.30000
1436	29.0000	8.90000	-1.89750
1437	27.0000	2.35000	-1.49500
1438	27.0000	2.35000	-1.29750
1439	27.0000	2.35000	-2.30000
1440	27.0000	2.35000	-1.89750
1441	29.0000	8.90000	-0.705000
1442	29.0000	8.90000	-0.352500
1443	29.0000	8.90000	-1.10000
1444	29.0000	8.90000	-0.902500
1445	27.0000	2.35000	-0.705000
1446	27.0000	2.35000	-0.352500
1447	27.0000	2.35000	-1.10000
1448	27.0000	2.35000	-0.902500
1449	35.0000	2.35000	-1.10000
1450	35.0000	3.98750	-1.10000
1451	35.0000	5.62500	-1.10000
1452	35.0000	7.26250	-1.10000
1453	37.0000	8.90000	-1.49500
1454	37.0000	8.90000	-1.29750
1455	37.0000	8.90000	-2.30000
1456	37.0000	8.90000	-1.89750
1457	35.0000	2.35000	-1.49500
1458	35.0000	2.35000	-1.29750
1459	35.0000	2.35000	-2.30000
1460	35.0000	2.35000	-1.89750
1461	37.0000	8.90000	-0.705000
1462	37.0000	8.90000	-0.352500
1463	37.0000	8.90000	-1.10000
1464	37.0000	8.90000	-0.902500
1465	35.0000	2.35000	-0.705000
1466	35.0000	2.35000	-0.352500
1467	35.0000	2.35000	-1.10000
1468	35.0000	2.35000	-0.902500
1469	43.0000	2.35000	-1.10000
1470	43.0000	3.98750	-1.10000
1471	43.0000	5.62500	-1.10000
1472	43.0000	7.26250	-1.10000
1473	45.0000	8.90000	-1.49500
1474	45.0000	8.90000	-1.29750
1475	45.0000	8.90000	-2.30000
1476	45.0000	8.90000	-1.89750
1477	43.0000	2.35000	-1.49500
1478	43.0000	2.35000	-1.29750
1479	43.0000	2.35000	-2.30000
1480	43.0000	2.35000	-1.89750
1481	45.0000	8.90000	-0.705000
1482	45.0000	8.90000	-0.352500
1483	45.0000	8.90000	-1.10000
1484	45.0000	8.90000	-0.902500
1485	43.0000	2.35000	-0.705000
1486	43.0000	2.35000	-0.352500
1487	43.0000	2.35000	-1.10000
1488	43.0000	2.35000	-0.902500
1489	51.2500	2.35000	-1.10000
1490	51.2500	3.98750	-1.10000
1491	51.2500	5.62500	-1.10000
1492	51.2500	7.26250	-1.10000
1493	53.2500	8.90000	-1.49500
1494	53.2500	8.90000	-1.29750
1495	53.2500	8.90000	-2.30000
1496	53.2500	8.90000	-1.89750
1497	51.2500	2.35000	-1.49500
1498	51.2500	2.35000	-1.29750
1499	51.2500	2.35000	-2.30000
1500	51.2500	2.35000	-1.89750
1501	53.2500	8.90000	-0.705000
1502	53.2500	8.90000	-0.352500
1503	53.2500	8.90000	-1.10000
1504	53.2500	8.90000	-0.902500
1505	51.2500	2.35000	-0.705000
1506	51.2500	2.35000	-0.352500
1507	51.2500	2.35000	-1.10000
1508	51.2500	2.35000	-0.902500
1509	59.7500	2.35000	-1.10000
1510	59.7500	3.98750	-1.10000
1511	59.7500	5.62500	-1.10000
1512	59.7500	7.26250	-1.10000
1513	61.7500	8.90000	-1.49500
1514	61.7500	8.90000	-1.29750
1515	61.7500	8.90000	-2.30000
1516	61.7500	8.90000	-1.89750
1517	59.7500	2.35000	-1.49500
1518	59.7500	2.35000	-1.29750
1519	59.7500	2.35000	-2.30000
1520	59.7500	2.35000	-1.89750
1521	61.7500	8.90000	-0.705000
1522	61.7500	8.90000	-0.352500
1523	61.7500	8.90000	-1.10000
1524	61.7500	8.90000	-0.902500
1525	59.7500	2.35000	-0.705000
1526	59.7500	2.35000	-0.352500
1527	59.7500	2.35000	-1.10000
1528	59.7500	2.35000	-0.902500
1529	68.0000	2.35000	-1.10000
1530	68.0000	3.98750	-1.10000
1531	68.0000	5.62500	-1.10000
1532	68.0000	7.26250	-1.10000
1533	70.0000	8.90000	-1.49500
1534	70.0000	8.90000	-1.29750
1535	70.0000	8.90000	-2.30000
1536	70.0000	8.90000	-1.89750
1537	68.0000	2.35000	-1.49500
1538	68.0000	2.35000	-1.29750
1539	68.0000	2.35000	-2.30000
1540	68.0000	2.35000	-1.89750
1541	70.0000	8.90000	-0.705000
1542	70.0000	8.90000	-0.352500
1543	70.0000	8.90000	-1.10000
1544	70.0000	8.90000	-0.902500
1545	68.0000	2.35000	-0.705000
1546	68.0000	2.35000	-0.352500

1547	68.0000	2.35000	-1.10000
1548	68.0000	2.35000	-0.902500
1549	76.0000	2.35000	-1.10000
1550	76.0000	3.98750	-1.10000
1551	76.0000	5.62500	-1.10000
1552	76.0000	7.26250	-1.10000
1553	78.0000	8.90000	-1.49500
1554	78.0000	8.90000	-1.29750
1555	78.0000	8.90000	-2.30000
1556	78.0000	8.90000	-1.89750
1557	76.0000	2.35000	-1.49500
1558	76.0000	2.35000	-1.29750
1559	76.0000	2.35000	-2.30000
1560	76.0000	2.35000	-1.89750
1561	78.0000	8.90000	-0.705000
1562	78.0000	8.90000	-0.352500
1563	78.0000	8.90000	-1.10000
1564	78.0000	8.90000	-0.902500
1565	76.0000	2.35000	-0.705000
1566	76.0000	2.35000	-0.352500
1567	76.0000	2.35000	-1.10000
1568	76.0000	2.35000	-0.902500
1569	-0.675000	4.62500	-5.30000
1570	-0.675000	4.62500	-4.80000
1571	-0.675000	4.62500	-4.30000
1572	-0.675000	4.62500	-3.80000
1573	-0.675000	4.62500	-3.30000
1574	-0.675000	17.0475	-5.30000
1575	-0.675000	17.0475	-4.80000
1576	-0.675000	17.0475	-4.30000
1577	-0.675000	17.0475	-3.80000
1578	-0.675000	17.0475	-3.30000
1579	-0.675000	17.0475	-2.80000
1580	-0.675000	17.0475	-2.26667
1581	-0.675000	17.0475	-1.73333
1582	-0.675000	17.0475	-1.20000
1583	-0.675000	17.0475	-0.666667
1584	-0.675000	17.0475	-0.133333
1585	-0.675000	4.62500	-2.80000
1586	-0.675000	4.62500	-2.26667
1587	-0.675000	4.62500	-1.73333
1588	-0.675000	4.62500	-1.20000
1589	-0.675000	4.62500	-0.666667
1590	-0.675000	4.62500	-0.133333
1591	-0.675000	17.0475	-7.30000
1592	-0.675000	17.0475	-6.80000
1593	-0.675000	17.0475	-6.30000
1594	-0.675000	17.0475	-5.80000
1595	-0.675000	4.62500	-7.30000
1596	-0.675000	4.62500	-6.80000
1597	-0.675000	4.62500	-6.30000
1598	-0.675000	4.62500	-5.80000
1599	-1.90000	10.8550	-7.30000
1600	1.38917	17.6392	-5.30000
1601	0.176667	12.2633	-5.30000
1602	-3.52500	11.8550	-2.45000
1603	-4.52500	12.8550	-2.45000
1604	-1.90000	10.5634	-5.30000
1605	81.6750	6.62500	-2.80000
1606	81.6750	6.62500	-2.26667
1607	81.6750	6.62500	-1.73333
1608	81.6750	6.62500	-1.20000
1609	81.6750	6.62500	-0.666667
1610	81.6750	6.62500	-0.133333
1611	81.6750	19.0475	-2.80000
1612	81.6750	19.0475	-2.26667
1613	81.6750	19.0475	-1.73333
1614	81.6750	19.0475	-1.20000
1615	81.6750	19.0475	-0.666667
1616	81.6750	19.0475	-0.133333
1617	81.6750	6.62500	-6.70000
1618	81.6750	6.62500	-6.21250
1619	81.6750	6.62500	-5.72500
1620	81.6750	6.62500	-5.23750
1621	81.6750	6.62500	-4.75000
1622	81.6750	6.62500	-4.26250
1623	81.6750	6.62500	-3.77500
1624	81.6750	6.62500	-3.28750
1625	81.6750	19.0475	-6.70000
1626	81.6750	19.0475	-6.21250
1627	81.6750	19.0475	-5.72500
1628	81.6750	19.0475	-5.23750
1629	81.6750	19.0475	-4.75000
1630	81.6750	19.0475	-4.26250
1631	81.6750	19.0475	-3.77500
1632	81.6750	19.0475	-3.28750
1633	81.6750	6.62500	-8.70000
1634	81.6750	6.62500	-8.20000
1635	81.6750	6.62500	-7.70000
1636	81.6750	6.62500	-7.20000
1637	81.6750	19.0475	-8.70000
1638	81.6750	19.0475	-8.20000
1639	81.6750	19.0475	-7.70000
1640	81.6750	19.0475	-7.20000
1641	83.7484	5.21667	-6.70000
1642	84.9704	12.2446	-6.70000
1643	82.9000	12.8362	-8.70000
1644	84.5250	11.8362	-3.15000
1645	85.5250	10.8362	-3.15000
1646	82.9000	10.3645	-6.70000
1647	-0.675000	19.0475	-2.80000
1648	81.6750	17.0475	-2.80000
1649	-0.675000	6.62500	-2.80000
1650	81.6750	4.62500	-2.80000
1651	41.0000	8.90000	-2.30000
1652	40.0000	9.90000	-2.30000
1653	41.0000	2.35000	-2.30000
1654	40.0000	3.35000	-2.30000
1655	1.00000	2.35000	-2.30000
1656	0.000000E+00	3.35000	-2.30000
1657	1.00000	8.90000	-2.30000
1658	0.000000E+00	9.90000	-2.30000
1659	80.0000	2.35000	-2.30000
1660	81.0000	1.35000	-2.30000
1661	80.0000	8.90000	-2.30000
1662	81.0000	7.90000	-2.30000
1663	41.0000	5.62500	-8.60000
1664	40.0000	6.62500	-8.60000
1665	1.00000	5.62500	-2.80000
1666	0.000000E+00	6.62500	-2.80000
1667	80.0000	5.62500	-2.80000
1668	81.0000	4.62500	-2.80000
1669	-0.900000	11.8550	-7.30000
1670	-1.90000	12.8550	-7.30000
1671	81.9000	11.8362	-8.70000
1672	82.9000	10.8362	-8.70000
1673	1.00000	0.000000E+00	0.000000E+00
1674	0.000000E+00	1.00000	0.000000E+00
1675	1.00000	11.2500	0.000000E+00
1676	0.000000E+00	12.2500	0.000000E+00
1677	80.0000	11.2500	0.000000E+00
1678	81.0000	10.2500	0.000000E+00
1679	80.0000	0.000000E+00	0.000000E+00
1680	81.0000	-1.00000	0.000000E+00

TOTAL NUMBER OF NODES	=	1680
LARGEST NODE NUMBER	=	1680
DATA STORAGE LOCATIONS USED	=	11760

G E O M E T R I C P R O P E R T I E S

C1_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
1	1ST NODE	AREA	=0.1076	IYY	=0.9835E-01	IZZ	=0.4254E-02	KT	=0.3325E-04	ASZ	=0.4460E-01
		ASY	=0.6300E-01	EZ	=1.241	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1076	IYY	=0.9835E-01	IZZ	=0.4254E-02	KT	=0.3325E-04	ASZ	=0.4460E-01	
		ASY	=0.6300E-01	EZ	=1.241	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

C2_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
2	1ST NODE	AREA	=0.1120	IYY	=0.1047	IZZ	=0.4861E-02	KT	=0.4992E-04	ASZ	=0.3996E-01
		ASY	=0.7200E-01	EZ	=1.325	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1120	IYY	=0.1047	IZZ	=0.4861E-02	KT	=0.4992E-04	ASZ	=0.3996E-01	
		ASY	=0.7200E-01	EZ	=1.325	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

C3_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
3	1ST NODE	AREA	=0.1296	IYY	=0.1268	IZZ	=0.6076E-02	KT	=0.8828E-04	ASZ	=0.3960E-01
		ASY	=0.9000E-01	EZ	=1.300	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1296	IYY	=0.1268	IZZ	=0.6076E-02	KT	=0.8828E-04	ASZ	=0.3960E-01	
		ASY	=0.9000E-01	EZ	=1.300	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

C4_F1
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
4	1ST NODE	AREA	=0.1692	IYY	=0.1735	IZZ	=0.8506E-02	KT	=0.2116E-03	ASZ	=0.4320E-01
		ASY	=0.1260	EZ	=1.150	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.1692	IYY	=0.1735	IZZ	=0.8506E-02	KT	=0.2116E-03	ASZ	=0.4320E-01	
		ASY	=0.1260	EZ	=1.150	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
5	1ST NODE	AREA	=0.2858E-01	IYY	=0.3034E-02	IZZ	=0.1264E-03	KT	=0.6186E-05	ASZ	=0.1160E-01
		ASY	=0.1520E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.2858E-01	IYY	=0.3034E-02	IZZ	=0.1264E-03	KT	=0.6186E-05	ASZ	=0.1160E-01	
		ASY	=0.1520E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
6	1ST NODE	AREA	=0.7558E-01	IYY	=0.7584E-02	IZZ	=0.1330E-02	KT	=0.3328E-04	ASZ	=0.2812E-01
		ASY	=0.3325E-01	EZ	=0.2000	EY	=0.0000E+00	IYZ	=0.1736E-19		
2ND NODE	AREA	=0.7558E-01	IYY	=0.7584E-02	IZZ	=0.1330E-02	KT	=0.3328E-04	ASZ	=0.2812E-01	
		ASY	=0.3325E-01	EZ	=0.2000	EY	=0.0000E+00	IYZ	=0.1736E-19		

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
7	1ST NODE	AREA	=0.6460E-01	IYY	=0.1566E-01	IZZ	=0.2886E-03	KT	=0.2565E-04	ASZ	=0.3686E-01
		ASY	=0.2424E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=0.6460E-01	IYY	=0.1566E-01	IZZ	=0.2886E-03	KT	=0.2565E-04	ASZ	=0.3686E-01	
		ASY	=0.2424E-01	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
8	1ST NODE	AREA	=10.75	IYY	=1.579	IZZ	=67.26	KT	=5.419	ASZ	=8.604
		ASY	=7.783	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=-0.2305E-11		
2ND NODE	AREA	=10.75	IYY	=1.579	IZZ	=67.26	KT	=5.419	ASZ	=8.604	
		ASY	=7.783	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=-0.2305E-11		

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS		AREA		IYY		IZZ		KT		ASZ	
9	1ST NODE	AREA	=78.66	IYY	=312.1	IZZ	=851.9	KT	=777.5	ASZ	=65.56
		ASY	=65.55	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
2ND NODE	AREA	=78.66	IYY	=312.1	IZZ	=851.9	KT	=777.5	ASZ	=65.56	

ASY =65.55 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
10	1ST NODE	=1.595	=0.1608	=0.2795	=0.3454	=1.329
		ASY =1.329	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	=1.595	=0.1608	=0.2795	=0.3454	=1.329
		ASY =1.329	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
11	1ST NODE	=1.000	=1.000	=1.000	=1.000	=1.000
		ASY =1.000	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	=1.000	=1.000	=1.000	=1.000	=1.000
		ASY =1.000	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
12	1ST NODE	=0.1628E-01	=0.1869E-03	=0.1568E-03	=0.1843E-05	=0.4391E-02
		ASY =0.7966E-02	EZ =0.8800E-01	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	=0.1628E-01	=0.1869E-03	=0.1568E-03	=0.1843E-05	=0.4391E-02
		ASY =0.7966E-02	EZ =0.8800E-01	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

rigida_spalla
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
13	1ST NODE	=10.00	=10.00	=10.00	=10.00	=0.1000E+05
		ASY =0.1000E+05	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	=10.00	=10.00	=10.00	=10.00	=0.1000E+05
		ASY =0.1000E+05	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

fondazione (RSS D=10.2 B=23.8)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
14	1ST NODE	=242.8	=2105.	=0.1146E+05	=6148.	=202.3
		ASY =202.3	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	=242.8	=2105.	=0.1146E+05	=6148.	=202.3
		ASY =202.3	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paraghiaia sx (RSS D=0.6 B=11.385)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
15	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
		ASY =5.693	EZ =1.075	EY =-0.5375	IYZ =0.0000E+00	
	2ND NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
		ASY =5.693	EZ =1.075	EY =-0.5375	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paraghiaia dx (RSS D=0.6 B=11.385)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
16	1ST NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
		ASY =5.693	EZ =1.075	EY =0.5375	IYZ =0.0000E+00	
	2ND NODE	=6.831	=0.2049	=73.79	=0.7925	=5.704
		ASY =5.693	EZ =1.075	EY =0.5375	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paramento sx (RSS D=2.75 B=11.385)
PROPERTY

BMI21 ELEMENTS		AREA	IYY	IZZ	KT	ASZ
17	1ST NODE	=31.31	=19.73	=338.2	=66.91	=26.10
		ASY =26.09	EZ =0.0000E+00	EY =-0.5375	IYZ =0.0000E+00	
	2ND NODE	=31.31	=19.73	=338.2	=66.91	=26.10
		ASY =26.09	EZ =0.0000E+00	EY =-0.5375	IYZ =0.0000E+00	

G E O M E T R I C P R O P E R T I E S

paramento dx (RSS D=2.75 B=11.385)
PROPERTY

BMI21 ELEMENTS

18 1ST NODE AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00
 2ND NODE AREA =31.31 IYY =19.73 IZZ =338.2 KT =66.91 ASZ =26.10
 ASY =26.09 EZ =0.0000E+00 EY =0.5375 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

S=0.3m
 PROPERTY

QTS4 ELEMENTS
 20 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3 = 0.3000 T4 = 0.3000

G E O M E T R I C P R O P E R T I E S

Ecc0
 PROPERTY

JSH4 ELEMENTS
 19 ECCENTRICITY = 0.0000E+00
 DATA STORAGE LOCATIONS USED = 1002

G E O M E T R I C A S S I G N M E N T S

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	GEOMETRIC SET	LUSASM ID NO.
2	0	0	19	21
3	6	1	13	23
7	0	0	9	18
8	0	0	14	24
9	10	1	13	23
12	19	1	13	23
20	0	0	17	27
21	0	0	18	28
22	0	0	14	24
23	0	0	8	17
24	25	1	13	23
26	0	0	17	27
27	0	0	18	28
28	29	1	13	23
30	0	0	17	27
31	0	0	18	28
32	33	1	13	23
34	0	0	18	28
35	36	1	17	27
37	0	0	18	28
38	0	0	13	23
39	0	0	8	17
40	0	0	18	28
41	42	1	17	27
43	44	1	18	28
45	46	1	17	27
47	0	0	18	28
48	0	0	13	23
49	0	0	18	28
50	51	1	17	27
52	0	0	18	28
53	0	0	8	17
55	0	0	18	28
56	57	1	17	27
58	0	0	18	28
59	61	1	11	20
62	0	0	13	23
63	64	1	19	21
65	0	0	13	23
66	68	1	11	20
69	70	1	13	23
71	76	1	10	19
77	0	0	16	26
78	79	1	15	25
80	0	0	16	26
82	87	1	19	21
88	89	1	6	15
90	125	1	12	22
126	129	1	6	15
130	0	0	16	26
131	132	1	15	25
133	0	0	16	26
134	139	1	6	15
140	175	1	12	22
176	181	1	6	15
182	0	0	16	26
183	184	1	15	25
185	0	0	16	26
186	221	1	12	22
222	227	1	6	15
228	263	1	12	22
264	0	0	7	16
265	273	1	5	14
274	0	0	7	16
275	283	1	5	14
284	285	1	7	16
286	294	1	5	14
295	0	0	7	16
296	304	1	5	14
305	306	1	7	16
307	315	1	5	14
316	0	0	7	16
317	325	1	5	14
326	327	1	7	16
328	336	1	5	14
337	0	0	7	16
338	346	1	5	14
347	0	0	7	16
348	383	1	12	22
384	389	1	6	15
390	0	0	16	26
391	392	1	15	25
393	0	0	16	26
394	429	1	12	22
430	435	1	6	15
436	471	1	12	22
472	0	0	16	26
473	474	1	15	25
475	0	0	16	26
476	481	1	6	15
482	517	1	12	22
518	523	1	6	15
524	525	1	19	21
526	637	1	20	13
638	644	1	1	9
645	652	1	2	10
653	660	1	3	11

661	668	1	4	12
669	676	1	3	11
677	685	1	2	10
686	693	1	1	9
694	917	1	20	13
918	924	1	1	9
925	932	1	2	10
933	940	1	3	11
941	948	1	4	12
949	956	1	3	11
957	965	1	2	10
966	973	1	1	9
974	1085	1	20	13
1086	1087	1	19	21
1088	0	0	16	26
1089	1090	1	15	25
1091	0	0	16	26

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	114
TOTAL NUMBER OF ELEMENTS	=	1087
LARGEST ELEMENT NUMBER	=	1091
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	20
DATA STORAGE LOCATIONS USED	=	3261

J O I N T P R O P E R T I E S

MATERIAL

Incastro
11 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.1000E+16 KTY = 0.1000E+16 KTZ = 0.1000E+16

J O I N T P R O P E R T I E S

MATERIAL

Isolatori spalla
12 KX = 0.1710E+07 KY = 0.1710E+07 KZ = 0.1454E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Isolatori pile
13 KX = 0.2230E+07 KY = 0.2230E+07 KZ = 0.2186E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

giunti
14 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla1
15 MX = 0.1241E+07 MY = 0.1241E+07 MZ = 0.1241E+07

M A T E R I A L P R O P E R T I E S M A S S

MATERIAL

massa terreno spalla2
16 MX = 0.1546E+07 MY = 0.1546E+07 MZ = 0.1546E+07

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
2 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
3 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

C30_37 (C30/37 | Concrete | EN1992-1-1:2004/2014) (elastic) - compound Frame design spalle
1 E = 0.3300E+11 NU = 0.2000 RHO = 2548. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
 4 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
 5 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
 6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
 7 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
 8 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 25 (elastic)
 9 E = 0.1000E+16 NU = 0.2000 RHO = 2500. ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

rigido density 0 (elastic)
 10 E = 0.1000E+16 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 606

M A T E R I A L A S S I G N M E N T S

FIRST ELEMENT	LAST ELEMENT	DIFF- ERENGE	MATERIAL SET	NSET	STRESS PLASTIC	POTENTIAL/ DATA SET	CREEP SET	DAMAGE SET	LusasM ID NO.	VISCOELASTIC SET	TWO PHASE MATERIAL SET	SHRINKAGE SET	KO SET	SET
1	2	1	11	0	0	0	0	0	17	0	0	0	0	0
3	6	1	10	0	0	0	0	0	25	0	0	0	0	0
7	0	0	3	0	0	0	0	0	5	0	0	0	0	0
8	0	0	9	0	0	0	0	0	24	0	0	0	0	0
9	10	1	10	0	0	0	0	0	25	0	0	0	0	0
11	0	0	11	0	0	0	0	0	17	0	0	0	0	0
12	19	1	10	0	0	0	0	0	25	0	0	0	0	0
20	21	1	1	0	0	0	0	0	6	0	0	0	0	0
22	0	0	9	0	0	0	0	0	24	0	0	0	0	0
23	0	0	3	0	0	0	0	0	5	0	0	0	0	0
24	25	1	10	0	0	0	0	0	25	0	0	0	0	0
26	27	1	1	0	0	0	0	0	6	0	0	0	0	0
28	29	1	10	0	0	0	0	0	25	0	0	0	0	0
30	31	1	1	0	0	0	0	0	6	0	0	0	0	0
32	33	1	10	0	0	0	0	0	25	0	0	0	0	0
34	37	1	1	0	0	0	0	0	6	0	0	0	0	0
38	0	0	10	0	0	0	0	0	25	0	0	0	0	0
39	0	0	3	0	0	0	0	0	5	0	0	0	0	0
40	47	1	1	0	0	0	0	0	6	0	0	0	0	0
48	0	0	10	0	0	0	0	0	25	0	0	0	0	0
49	52	1	1	0	0	0	0	0	6	0	0	0	0	0
53	0	0	3	0	0	0	0	0	5	0	0	0	0	0
54	0	0	16	0	0	0	0	0	26	0	0	0	0	0
55	58	1	1	0	0	0	0	0	6	0	0	0	0	0
59	61	1	5	0	0	0	0	0	15	0	0	0	0	0
62	0	0	10	0	0	0	0	0	25	0	0	0	0	0
63	64	1	11	0	0	0	0	0	17	0	0	0	0	0
65	0	0	10	0	0	0	0	0	25	0	0	0	0	0
66	68	1	5	0	0	0	0	0	15	0	0	0	0	0
69	70	1	10	0	0	0	0	0	25	0	0	0	0	0
71	76	1	3	0	0	0	0	0	5	0	0	0	0	0
77	80	1	1	0	0	0	0	0	6	0	0	0	0	0
81	0	0	15	0	0	0	0	0	23	0	0	0	0	0
82	84	1	12	0	0	0	0	0	27	0	0	0	0	0
85	0	0	13	0	0	0	0	0	29	0	0	0	0	0
86	0	0	12	0	0	0	0	0	27	0	0	0	0	0
87	0	0	13	0	0	0	0	0	29	0	0	0	0	0
88	89	1	10	0	0	0	0	0	25	0	0	0	0	0
90	125	1	4	0	0	0	0	0	14	0	0	0	0	0
126	129	1	10	0	0	0	0	0	25	0	0	0	0	0
130	133	1	1	0	0	0	0	0	6	0	0	0	0	0
134	139	1	10	0	0	0	0	0	25	0	0	0	0	0

	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
	FREEDOM	U	FREEDOM	V	FREEDOM	W	FREEDOM
	THX	THY	THZ	THX	THY	THZ	THX
2	6	4	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	61	48	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
65	500	435	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
558	958	400	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
1015	0	0	R R R R R R	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

TOTAL NUMBER OF SUPPORT NODES = 9
LARGEST NODE NUMBER = 1015
DATA STORAGE LOCATIONS USED = 180

L O A D C A S E 554

incastrati momento (Mx) - Point 601 - Negative - Characteristic

FIRST NODE	CONCENTRATED LOAD			FORCE		FORCE		FORCE		FORCE	
	LAST NODE	DIFF RNCE	FX	FY	FZ	MX	MY	MZ			
586	0	0	0.000000E+00	0.000000E+00	-475.10	0.000000E+00	0.000000E+00	0.000000E+00			
587	0	0	0.000000E+00	0.000000E+00	-2314.6	0.000000E+00	0.000000E+00	0.000000E+00			
588	0	0	0.000000E+00	0.000000E+00	-2456.7	0.000000E+00	0.000000E+00	0.000000E+00			
589	0	0	0.000000E+00	0.000000E+00	-3210.7	0.000000E+00	0.000000E+00	0.000000E+00			
590	0	0	0.000000E+00	0.000000E+00	-3746.7	0.000000E+00	0.000000E+00	0.000000E+00			
591	0	0	0.000000E+00	0.000000E+00	-3209.7	0.000000E+00	0.000000E+00	0.000000E+00			
592	0	0	0.000000E+00	0.000000E+00	-2579.7	0.000000E+00	0.000000E+00	0.000000E+00			
593	0	0	0.000000E+00	0.000000E+00	-2778.5	0.000000E+00	0.000000E+00	0.000000E+00			
594	0	0	0.000000E+00	0.000000E+00	-2490.4	0.000000E+00	0.000000E+00	0.000000E+00			
595	0	0	0.000000E+00	0.000000E+00	-2877.8	0.000000E+00	0.000000E+00	0.000000E+00			
596	0	0	0.000000E+00	0.000000E+00	-2392.5	0.000000E+00	0.000000E+00	0.000000E+00			
597	0	0	0.000000E+00	0.000000E+00	-32816.	0.000000E+00	0.000000E+00	0.000000E+00			
598	0	0	0.000000E+00	0.000000E+00	-41381.	0.000000E+00	0.000000E+00	0.000000E+00			
599	0	0	0.000000E+00	0.000000E+00	-2831.2	0.000000E+00	0.000000E+00	0.000000E+00			
600	0	0	0.000000E+00	0.000000E+00	-2437.5	0.000000E+00	0.000000E+00	0.000000E+00			
601	0	0	0.000000E+00	0.000000E+00	-2755.5	0.000000E+00	0.000000E+00	0.000000E+00			
602	0	0	0.000000E+00	0.000000E+00	-2602.7	0.000000E+00	0.000000E+00	0.000000E+00			
603	0	0	0.000000E+00	0.000000E+00	-2539.6	0.000000E+00	0.000000E+00	0.000000E+00			
604	0	0	0.000000E+00	0.000000E+00	-2643.5	0.000000E+00	0.000000E+00	0.000000E+00			
605	0	0	0.000000E+00	0.000000E+00	-2314.6	0.000000E+00	0.000000E+00	0.000000E+00			
606	0	0	0.000000E+00	0.000000E+00	-7324.9	0.000000E+00	0.000000E+00	0.000000E+00			
607	0	0	0.000000E+00	0.000000E+00	-2459.9	0.000000E+00	0.000000E+00	0.000000E+00			
608	0	0	0.000000E+00	0.000000E+00	-2573.6	0.000000E+00	0.000000E+00	0.000000E+00			
609	0	0	0.000000E+00	0.000000E+00	-2952.6	0.000000E+00	0.000000E+00	0.000000E+00			
610	0	0	0.000000E+00	0.000000E+00	-2318.7	0.000000E+00	0.000000E+00	0.000000E+00			
611	0	0	0.000000E+00	0.000000E+00	-2473.0	0.000000E+00	0.000000E+00	0.000000E+00			
612	0	0	0.000000E+00	0.000000E+00	-2651.6	0.000000E+00	0.000000E+00	0.000000E+00			
613	0	0	0.000000E+00	0.000000E+00	-2314.6	0.000000E+00	0.000000E+00	0.000000E+00			
614	0	0	0.000000E+00	0.000000E+00	-2635.4	0.000000E+00	0.000000E+00	0.000000E+00			
615	0	0	0.000000E+00	0.000000E+00	-1673.0	0.000000E+00	0.000000E+00	0.000000E+00			
643	0	0	0.000000E+00	0.000000E+00	-1089.6	0.000000E+00	0.000000E+00	0.000000E+00			
644	0	0	0.000000E+00	0.000000E+00	-5283.0	0.000000E+00	0.000000E+00	0.000000E+00			
645	0	0	0.000000E+00	0.000000E+00	-5612.2	0.000000E+00	0.000000E+00	0.000000E+00			
646	0	0	0.000000E+00	0.000000E+00	-7324.9	0.000000E+00	0.000000E+00	0.000000E+00			
647	0	0	0.000000E+00	0.000000E+00	-8551.6	0.000000E+00	0.000000E+00	0.000000E+00			
648	0	0	0.000000E+00	0.000000E+00	-7324.4	0.000000E+00	0.000000E+00	0.000000E+00			
649	0	0	0.000000E+00	0.000000E+00	-5891.9	0.000000E+00	0.000000E+00	0.000000E+00			
650	0	0	0.000000E+00	0.000000E+00	-6338.0	0.000000E+00	0.000000E+00	0.000000E+00			
651	0	0	0.000000E+00	0.000000E+00	-5664.8	0.000000E+00	0.000000E+00	0.000000E+00			
652	0	0	0.000000E+00	0.000000E+00	-6565.2	0.000000E+00	0.000000E+00	0.000000E+00			
653	0	0	0.000000E+00	0.000000E+00	-5463.6	0.000000E+00	0.000000E+00	0.000000E+00			
654	0	0	0.000000E+00	0.000000E+00	-39959.	0.000000E+00	0.000000E+00	0.000000E+00			
655	0	0	0.000000E+00	0.000000E+00	-48762.	0.000000E+00	0.000000E+00	0.000000E+00			
656	0	0	0.000000E+00	0.000000E+00	-6461.1	0.000000E+00	0.000000E+00	0.000000E+00			
657	0	0	0.000000E+00	0.000000E+00	-5562.6	0.000000E+00	0.000000E+00	0.000000E+00			
658	0	0	0.000000E+00	0.000000E+00	-6291.7	0.000000E+00	0.000000E+00	0.000000E+00			
659	0	0	0.000000E+00	0.000000E+00	-5938.3	0.000000E+00	0.000000E+00	0.000000E+00			
660	0	0	0.000000E+00	0.000000E+00	-5798.7	0.000000E+00	0.000000E+00	0.000000E+00			
661	0	0	0.000000E+00	0.000000E+00	-6031.7	0.000000E+00	0.000000E+00	0.000000E+00			
662	0	0	0.000000E+00	0.000000E+00	-5283.0	0.000000E+00	0.000000E+00	0.000000E+00			
663	0	0	0.000000E+00	0.000000E+00	-5156.9	0.000000E+00	0.000000E+00	0.000000E+00			
664	0	0	0.000000E+00	0.000000E+00	-5615.1	0.000000E+00	0.000000E+00	0.000000E+00			
665	0	0	0.000000E+00	0.000000E+00	-5873.8	0.000000E+00	0.000000E+00	0.000000E+00			
666	0	0	0.000000E+00	0.000000E+00	-6738.4	0.000000E+00	0.000000E+00	0.000000E+00			
667	0	0	0.000000E+00	0.000000E+00	-5292.2	0.000000E+00	0.000000E+00	0.000000E+00			
668	0	0	0.000000E+00	0.000000E+00	-5645.1	0.000000E+00	0.000000E+00	0.000000E+00			
669	0	0	0.000000E+00	0.000000E+00	-6051.7	0.000000E+00	0.000000E+00	0.000000E+00			
670	0	0	0.000000E+00	0.000000E+00	-5283.0	0.000000E+00	0.000000E+00	0.000000E+00			
671	0	0	0.000000E+00	0.000000E+00	-6015.3	0.000000E+00	0.000000E+00	0.000000E+00			
672	0	0	0.000000E+00	0.000000E+00	-3818.5	0.000000E+00	0.000000E+00	0.000000E+00			
673	0	0	0.000000E+00	0.000000E+00	-42577.	0.000000E+00	0.000000E+00	0.000000E+00			
674	0	0	0.000000E+00	0.000000E+00	-35684.	0.000000E+00	0.000000E+00	0.000000E+00			
675	0	0	0.000000E+00	0.000000E+00	-1281.6	0.000000E+00	0.000000E+00	0.000000E+00			
676	0	0	0.000000E+00	0.000000E+00	-1183.8	0.000000E+00	0.000000E+00	0.000000E+00			
677	0	0	0.000000E+00	0.000000E+00	-1384.4	0.000000E+00	0.000000E+00	0.000000E+00			
678	0	0	0.000000E+00	0.000000E+00	-1230.2	0.000000E+00	0.000000E+00	0.000000E+00			
679	0	0	0.000000E+00	0.000000E+00	-1580.0	0.000000E+00	0.000000E+00	0.000000E+00			
680	0	0	0.000000E+00	0.000000E+00	-1907.8	0.000000E+00	0.000000E+00	0.000000E+00			
681	0	0	0.000000E+00	0.000000E+00	-1550.8	0.000000E+00	0.000000E+00	0.000000E+00			
682	0	0	0.000000E+00	0.000000E+00	-1374.4	0.000000E+00	0.000000E+00	0.000000E+00			
683	0	0	0.000000E+00	0.000000E+00	-1183.8	0.000000E+00	0.000000E+00	0.000000E+00			
684	0	0	0.000000E+00	0.000000E+00	-1291.6	0.000000E+00	0.000000E+00	0.000000E+00			
685	0	0	0.000000E+00	0.000000E+00	-1323.0	0.000000E+00	0.000000E+00	0.000000E+00			
686	0	0	0.000000E+00	0.000000E+00	-1183.8	0.000000E+00	0.000000E+00	0.000000E+00			
687	0	0	0.000000E+00	0.000000E+00	-1631.4	0.000000E+00	0.000000E+00	0.000000E+00			
688	0	0	0.000000E+00	0.000000E+00	-1907.8	0.000000E+00	0.000000E+00	0.000000E+00			
689	0	0	0.000000E+00	0.000000E+00	-1653.6	0.000000E+00	0.000000E+00	0.000000E+00			
690	0	0	0.000000E+00	0.000000E+00	-1220.2	0.000000E+00	0.000000E+00	0.000000E+00			
691	0	0	0.000000E+00	0.000000E+00	-1198.8	0.000000E+00	0.000000E+00	0.000000E+00			
692	0	0	0.000000E+00	0.000000E+00	-1415.8	0.000000E+00	0.000000E+00	0.000000E+00			
693	0	0	0.000000E+00	0.000000E+00	-1183.8	0.000000E+00	0.000000E+00	0.000000E+00			
694	0	0	0.000000E+00	0.000000E+00	-1250.2	0.000000E+00	0.000000E+00	0.000000E+00			
695	0	0	0.000000E+00	0.000000E+00	-1633.6	0.000000E+00	0.000000E+00	0.000000E+00			
696	0	0	0.000000E+00	0.000000E+00	-1907.8	0.000000E+00	0.000000E+00	0.000000E+00			
697	0	0	0.000000E+00	0.000000E+00	-1621.5	0.000000E+00	0.000000E+00	0.000000E+00			
698	0	0	0.000000E+00	0.000000E+00	-1183.8	0.000000E+00	0.000000E+00	0.000000E+00			
699	0	0	0.000000E+00	0.000000E+00	-1353.0	0.000000E+00	0.000000E+00	0.000000E+00			
700	0	0	0.000000E+00	0.000000E+00	-1917.1	0.000000E+00	0.000000E+00	0.000000E+00			
701	0	0	0.000000E+00	0.000000E+00	-3751.1	0.000000E+00	0.000000E+00	0.000000E+00			
702	0	0	0.000000E+00	0.000000E+00	-4260.5	0.000000E+00	0.000000E+00	0.000000E+00			
703	0	0	0.000000E+00	0.000000E+00	-5005.9	0.000000E+00	0.000000E+00	0.000000E+00			
704	0	0	0.000000E+00	0.000000E+00	-6064.4	0.000000E+00	0.000000E+00	0.000000E+00			
705	0										

910	0	0	0.00000E+00	0.00000E+00	-3428.8	0.00000E+00	0.00000E+00	0.00000E+00
911	0	0	0.00000E+00	0.00000E+00	-3498.5	0.00000E+00	0.00000E+00	0.00000E+00
912	0	0	0.00000E+00	0.00000E+00	-3870.5	0.00000E+00	0.00000E+00	0.00000E+00
913	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
914	0	0	0.00000E+00	0.00000E+00	-3777.5	0.00000E+00	0.00000E+00	0.00000E+00
915	0	0	0.00000E+00	0.00000E+00	-4463.3	0.00000E+00	0.00000E+00	0.00000E+00
916	0	0	0.00000E+00	0.00000E+00	-5393.1	0.00000E+00	0.00000E+00	0.00000E+00
917	0	0	0.00000E+00	0.00000E+00	-4428.4	0.00000E+00	0.00000E+00	0.00000E+00
918	0	0	0.00000E+00	0.00000E+00	-3614.8	0.00000E+00	0.00000E+00	0.00000E+00
919	0	0	0.00000E+00	0.00000E+00	-3754.3	0.00000E+00	0.00000E+00	0.00000E+00
920	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
921	0	0	0.00000E+00	0.00000E+00	-3893.7	0.00000E+00	0.00000E+00	0.00000E+00
922	0	0	0.00000E+00	0.00000E+00	-3475.3	0.00000E+00	0.00000E+00	0.00000E+00
923	0	0	0.00000E+00	0.00000E+00	-4474.9	0.00000E+00	0.00000E+00	0.00000E+00
924	0	0	0.00000E+00	0.00000E+00	-5393.1	0.00000E+00	0.00000E+00	0.00000E+00
925	0	0	0.00000E+00	0.00000E+00	-4556.2	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-3638.0	0.00000E+00	0.00000E+00	0.00000E+00
927	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
929	0	0	0.00000E+00	0.00000E+00	-34.869	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 261
LARGEST NODE OR ELEMENT NUMBER = 929

L O A D C A S E 558

incastri momento (Mx) - Point 600 - Negative - Combination

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
673	0	0	0.00000E+00	0.00000E+00	-237.66	0.00000E+00	0.00000E+00	0.00000E+00			
674	0	0	0.00000E+00	0.00000E+00	-529.09	0.00000E+00	0.00000E+00	0.00000E+00			
675	0	0	0.00000E+00	0.00000E+00	-518.71	0.00000E+00	0.00000E+00	0.00000E+00			
676	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
677	0	0	0.00000E+00	0.00000E+00	-539.47	0.00000E+00	0.00000E+00	0.00000E+00			
678	0	0	0.00000E+00	0.00000E+00	-508.33	0.00000E+00	0.00000E+00	0.00000E+00			
679	0	0	0.00000E+00	0.00000E+00	-626.23	0.00000E+00	0.00000E+00	0.00000E+00			
680	0	0	0.00000E+00	0.00000E+00	-763.29	0.00000E+00	0.00000E+00	0.00000E+00			
681	0	0	0.00000E+00	0.00000E+00	-608.94	0.00000E+00	0.00000E+00	0.00000E+00			
682	0	0	0.00000E+00	0.00000E+00	-560.22	0.00000E+00	0.00000E+00	0.00000E+00			
683	0	0	0.00000E+00	0.00000E+00	-487.58	0.00000E+00	0.00000E+00	0.00000E+00			
684	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
685	0	0	0.00000E+00	0.00000E+00	-570.60	0.00000E+00	0.00000E+00	0.00000E+00			
686	0	0	0.00000E+00	0.00000E+00	-477.20	0.00000E+00	0.00000E+00	0.00000E+00			
687	0	0	0.00000E+00	0.00000E+00	-636.61	0.00000E+00	0.00000E+00	0.00000E+00			
688	0	0	0.00000E+00	0.00000E+00	-763.29	0.00000E+00	0.00000E+00	0.00000E+00			
689	0	0	0.00000E+00	0.00000E+00	-617.44	0.00000E+00	0.00000E+00	0.00000E+00			
690	0	0	0.00000E+00	0.00000E+00	-553.59	0.00000E+00	0.00000E+00	0.00000E+00			
691	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
692	0	0	0.00000E+00	0.00000E+00	-504.59	0.00000E+00	0.00000E+00	0.00000E+00			
693	0	0	0.00000E+00	0.00000E+00	-543.21	0.00000E+00	0.00000E+00	0.00000E+00			
694	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
695	0	0	0.00000E+00	0.00000E+00	-646.98	0.00000E+00	0.00000E+00	0.00000E+00			
696	0	0	0.00000E+00	0.00000E+00	-763.29	0.00000E+00	0.00000E+00	0.00000E+00			
697	0	0	0.00000E+00	0.00000E+00	-638.19	0.00000E+00	0.00000E+00	0.00000E+00			
698	0	0	0.00000E+00	0.00000E+00	-522.46	0.00000E+00	0.00000E+00	0.00000E+00			
699	0	0	0.00000E+00	0.00000E+00	-16577.7	0.00000E+00	0.00000E+00	0.00000E+00			
700	0	0	0.00000E+00	0.00000E+00	-32024.4	0.00000E+00	0.00000E+00	0.00000E+00			
701	0	0	0.00000E+00	0.00000E+00	-10173.3	0.00000E+00	0.00000E+00	0.00000E+00			
702	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
703	0	0	0.00000E+00	0.00000E+00	-657.36	0.00000E+00	0.00000E+00	0.00000E+00			
704	0	0	0.00000E+00	0.00000E+00	-763.29	0.00000E+00	0.00000E+00	0.00000E+00			
705	0	0	0.00000E+00	0.00000E+00	-677.36	0.00000E+00	0.00000E+00	0.00000E+00			
706	0	0	0.00000E+00	0.00000E+00	-506.92	0.00000E+00	0.00000E+00	0.00000E+00			
707	0	0	0.00000E+00	0.00000E+00	-553.31	0.00000E+00	0.00000E+00	0.00000E+00			
708	0	0	0.00000E+00	0.00000E+00	-544.09	0.00000E+00	0.00000E+00	0.00000E+00			
709	0	0	0.00000E+00	0.00000E+00	-516.14	0.00000E+00	0.00000E+00	0.00000E+00			
710	0	0	0.00000E+00	0.00000E+00	-581.25	0.00000E+00	0.00000E+00	0.00000E+00			
711	0	0	0.00000E+00	0.00000E+00	-507.73	0.00000E+00	0.00000E+00	0.00000E+00			
712	0	0	0.00000E+00	0.00000E+00	-604.18	0.00000E+00	0.00000E+00	0.00000E+00			
713	0	0	0.00000E+00	0.00000E+00	-483.85	0.00000E+00	0.00000E+00	0.00000E+00			
714	0	0	0.00000E+00	0.00000E+00	-548.98	0.00000E+00	0.00000E+00	0.00000E+00			
715	0	0	0.00000E+00	0.00000E+00	-541.92	0.00000E+00	0.00000E+00	0.00000E+00			
716	0	0	0.00000E+00	0.00000E+00	-518.31	0.00000E+00	0.00000E+00	0.00000E+00			
717	0	0	0.00000E+00	0.00000E+00	-564.21	0.00000E+00	0.00000E+00	0.00000E+00			
718	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
719	0	0	0.00000E+00	0.00000E+00	-513.81	0.00000E+00	0.00000E+00	0.00000E+00			
720	0	0	0.00000E+00	0.00000E+00	-453.13	0.00000E+00	0.00000E+00	0.00000E+00			
721	0	0	0.00000E+00	0.00000E+00	-488.30	0.00000E+00	0.00000E+00	0.00000E+00			
722	0	0	0.00000E+00	0.00000E+00	-549.99	0.00000E+00	0.00000E+00	0.00000E+00			
723	0	0	0.00000E+00	0.00000E+00	-565.70	0.00000E+00	0.00000E+00	0.00000E+00			
724	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
725	0	0	0.00000E+00	0.00000E+00	-534.57	0.00000E+00	0.00000E+00	0.00000E+00			
726	0	0	0.00000E+00	0.00000E+00	-513.24	0.00000E+00	0.00000E+00	0.00000E+00			
727	0	0	0.00000E+00	0.00000E+00	-475.33	0.00000E+00	0.00000E+00	0.00000E+00			
728	0	0	0.00000E+00	0.00000E+00	-544.94	0.00000E+00	0.00000E+00	0.00000E+00			
729	0	0	0.00000E+00	0.00000E+00	-336.10	0.00000E+00	0.00000E+00	0.00000E+00			
730	0	0	0.00000E+00	0.00000E+00	-964.92	0.00000E+00	0.00000E+00	0.00000E+00			
731	0	0	0.00000E+00	0.00000E+00	-2148.1	0.00000E+00	0.00000E+00	0.00000E+00			
732	0	0	0.00000E+00	0.00000E+00	-2106.0	0.00000E+00	0.00000E+00	0.00000E+00			
733	0	0	0.00000E+00	0.00000E+00	-1929.8	0.00000E+00	0.00000E+00	0.00000E+00			
734	0	0	0.00000E+00	0.00000E+00	-2190.2	0.00000E+00	0.00000E+00	0.00000E+00			
735	0	0	0.00000E+00	0.00000E+00	-2063.8	0.00000E+00	0.00000E+00	0.00000E+00			
736	0	0	0.00000E+00	0.00000E+00	-2542.5	0.00000E+00	0.00000E+00	0.00000E+00			
737	0	0	0.00000E+00	0.00000E+00	-3099.0	0.00000E+00	0.00000E+00	0.00000E+00			
738	0	0	0.00000E+00	0.00000E+00	-2472.3	0.00000E+00	0.00000E+00	0.00000E+00			
739	0	0	0.00000E+00	0.00000E+00	-2274.5	0.00000E+00	0.00000E+00	0.00000E+00			
740	0	0	0.00000E+00	0.00000E+00	-1979.6	0.00000E+00	0.00000E+00	0.00000E+00			
741	0	0	0.00000E+00	0.00000E+00	-1929.8	0.00000E+00	0.00000E+00	0.00000E+00			
742	0	0	0.00000E+00	0.00000E+00	-2316.6	0.00000E+00	0.00000E+00	0.00000E+00			
743	0	0	0.00000E+00	0.00000E+00	-1937.4	0.00000E+00	0.00000E+00	0.00000E+00			
744	0	0	0.00000E+00	0.00000E+00	-2584.6	0.00000E+00	0.00000E+00	0.00000E+00			
745	0	0	0.00000E+00	0.00000E+00	-3099.0	0.00000E+00	0.00000E+00	0.00000E+00			
746	0	0	0.00000E+00	0.00000E+00	-2506.8	0.00000E+00	0.00000E+00	0.00000E+00			

861	0	0	0.00000E+00	0.00000E+00	-2118.8	0.00000E+00	0.00000E+00	0.00000E+00
862	0	0	0.00000E+00	0.00000E+00	-2557.7	0.00000E+00	0.00000E+00	0.00000E+00
863	0	0	0.00000E+00	0.00000E+00	-2113.9	0.00000E+00	0.00000E+00	0.00000E+00
864	0	0	0.00000E+00	0.00000E+00	-2269.6	0.00000E+00	0.00000E+00	0.00000E+00
865	0	0	0.00000E+00	0.00000E+00	-2407.8	0.00000E+00	0.00000E+00	0.00000E+00
866	0	0	0.00000E+00	0.00000E+00	-2769.0	0.00000E+00	0.00000E+00	0.00000E+00
867	0	0	0.00000E+00	0.00000E+00	-3420.5	0.00000E+00	0.00000E+00	0.00000E+00
868	0	0	0.00000E+00	0.00000E+00	-2722.8	0.00000E+00	0.00000E+00	0.00000E+00
869	0	0	0.00000E+00	0.00000E+00	-2554.7	0.00000E+00	0.00000E+00	0.00000E+00
870	0	0	0.00000E+00	0.00000E+00	-2114.4	0.00000E+00	0.00000E+00	0.00000E+00
871	0	0	0.00000E+00	0.00000E+00	-747.17	0.00000E+00	0.00000E+00	0.00000E+00
901	0	0	0.00000E+00	0.00000E+00	-462.77	0.00000E+00	0.00000E+00	0.00000E+00
902	0	0	0.00000E+00	0.00000E+00	-1058.0	0.00000E+00	0.00000E+00	0.00000E+00
903	0	0	0.00000E+00	0.00000E+00	-991.50	0.00000E+00	0.00000E+00	0.00000E+00
904	0	0	0.00000E+00	0.00000E+00	-926.10	0.00000E+00	0.00000E+00	0.00000E+00
905	0	0	0.00000E+00	0.00000E+00	-1123.4	0.00000E+00	0.00000E+00	0.00000E+00
906	0	0	0.00000E+00	0.00000E+00	-925.54	0.00000E+00	0.00000E+00	0.00000E+00
907	0	0	0.00000E+00	0.00000E+00	-1256.4	0.00000E+00	0.00000E+00	0.00000E+00
908	0	0	0.00000E+00	0.00000E+00	-1498.6	0.00000E+00	0.00000E+00	0.00000E+00
909	0	0	0.00000E+00	0.00000E+00	-1279.1	0.00000E+00	0.00000E+00	0.00000E+00
910	0	0	0.00000E+00	0.00000E+00	-990.39	0.00000E+00	0.00000E+00	0.00000E+00
911	0	0	0.00000E+00	0.00000E+00	-927.21	0.00000E+00	0.00000E+00	0.00000E+00
912	0	0	0.00000E+00	0.00000E+00	-1122.3	0.00000E+00	0.00000E+00	0.00000E+00
913	0	0	0.00000E+00	0.00000E+00	-925.54	0.00000E+00	0.00000E+00	0.00000E+00
914	0	0	0.00000E+00	0.00000E+00	-993.71	0.00000E+00	0.00000E+00	0.00000E+00
915	0	0	0.00000E+00	0.00000E+00	-1276.9	0.00000E+00	0.00000E+00	0.00000E+00
916	0	0	0.00000E+00	0.00000E+00	-18256.	0.00000E+00	0.00000E+00	0.00000E+00
917	0	0	0.00000E+00	0.00000E+00	-36060.	0.00000E+00	0.00000E+00	0.00000E+00
918	0	0	0.00000E+00	0.00000E+00	-928.32	0.00000E+00	0.00000E+00	0.00000E+00
919	0	0	0.00000E+00	0.00000E+00	-1121.2	0.00000E+00	0.00000E+00	0.00000E+00
920	0	0	0.00000E+00	0.00000E+00	-925.54	0.00000E+00	0.00000E+00	0.00000E+00
921	0	0	0.00000E+00	0.00000E+00	-994.82	0.00000E+00	0.00000E+00	0.00000E+00
922	0	0	0.00000E+00	0.00000E+00	-1054.7	0.00000E+00	0.00000E+00	0.00000E+00
923	0	0	0.00000E+00	0.00000E+00	-1213.2	0.00000E+00	0.00000E+00	0.00000E+00
924	0	0	0.00000E+00	0.00000E+00	-1498.6	0.00000E+00	0.00000E+00	0.00000E+00
925	0	0	0.00000E+00	0.00000E+00	-1192.7	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-1120.1	0.00000E+00	0.00000E+00	0.00000E+00
927	0	0	0.00000E+00	0.00000E+00	-925.54	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-326.43	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 260
LARGEST NODE OR ELEMENT NUMBER = 928

L O A D C A S E 560

incastri momento (Mx) - Point 601 - Positive - Characteristic

FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
559	0	0	0.00000E+00	0.00000E+00	-0.11759E+06	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-0.10237E+06	0.00000E+00	0.00000E+00	0.00000E+00
561	0	0	0.00000E+00	0.00000E+00	-8862.6	0.00000E+00	0.00000E+00	0.00000E+00
562	0	0	0.00000E+00	0.00000E+00	-8455.8	0.00000E+00	0.00000E+00	0.00000E+00
563	0	0	0.00000E+00	0.00000E+00	-9966.8	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-8310.5	0.00000E+00	0.00000E+00	0.00000E+00
565	0	0	0.00000E+00	0.00000E+00	-11362.	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-13483.	0.00000E+00	0.00000E+00	0.00000E+00
567	0	0	0.00000E+00	0.00000E+00	-11739.	0.00000E+00	0.00000E+00	0.00000E+00
568	0	0	0.00000E+00	0.00000E+00	-8572.0	0.00000E+00	0.00000E+00	0.00000E+00
569	0	0	0.00000E+00	0.00000E+00	-8746.4	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-9676.2	0.00000E+00	0.00000E+00	0.00000E+00
571	0	0	0.00000E+00	0.00000E+00	-8310.5	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-9443.8	0.00000E+00	0.00000E+00	0.00000E+00
573	0	0	0.00000E+00	0.00000E+00	-11158.	0.00000E+00	0.00000E+00	0.00000E+00
574	0	0	0.00000E+00	0.00000E+00	-13483.	0.00000E+00	0.00000E+00	0.00000E+00
575	0	0	0.00000E+00	0.00000E+00	-11071.	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-9036.9	0.00000E+00	0.00000E+00	0.00000E+00
577	0	0	0.00000E+00	0.00000E+00	-9385.6	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-8310.5	0.00000E+00	0.00000E+00	0.00000E+00
579	0	0	0.00000E+00	0.00000E+00	-9734.3	0.00000E+00	0.00000E+00	0.00000E+00
580	0	0	0.00000E+00	0.00000E+00	-8688.3	0.00000E+00	0.00000E+00	0.00000E+00
581	0	0	0.00000E+00	0.00000E+00	-11187.	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-13483.	0.00000E+00	0.00000E+00	0.00000E+00
583	0	0	0.00000E+00	0.00000E+00	-11391.1	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-9095.1	0.00000E+00	0.00000E+00	0.00000E+00
585	0	0	0.00000E+00	0.00000E+00	-8310.5	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-8310.5	0.00000E+00	0.00000E+00	0.00000E+00
587	0	0	0.00000E+00	0.00000E+00	-87.173	0.00000E+00	0.00000E+00	0.00000E+00
616	0	0	0.00000E+00	0.00000E+00	-0.13530E+06	0.00000E+00	0.00000E+00	0.00000E+00
617	0	0	0.00000E+00	0.00000E+00	-0.12466E+06	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-20093.	0.00000E+00	0.00000E+00	0.00000E+00
619	0	0	0.00000E+00	0.00000E+00	-19171.	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-22596.	0.00000E+00	0.00000E+00	0.00000E+00
621	0	0	0.00000E+00	0.00000E+00	-18841.	0.00000E+00	0.00000E+00	0.00000E+00
622	0	0	0.00000E+00	0.00000E+00	-25759.	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-30568.	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-26615.	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-19434.	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-19830.	0.00000E+00	0.00000E+00	0.00000E+00
627	0	0	0.00000E+00	0.00000E+00	-21938.	0.00000E+00	0.00000E+00	0.00000E+00
628	0	0	0.00000E+00	0.00000E+00	-18841.	0.00000E+00	0.00000E+00	0.00000E+00
629	0	0	0.00000E+00	0.00000E+00	-21411.	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-25298.	0.00000E+00	0.00000E+00	0.00000E+00
631	0	0	0.00000E+00	0.00000E+00	-30568.	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-25100.	0.00000E+00	0.00000E+00	0.00000E+00
633	0	0	0.00000E+00	0.00000E+00	-20488.	0.00000E+00	0.00000E+00	0.00000E+00
634	0	0	0.00000E+00	0.00000E+00	-21279.	0.00000E+00	0.00000E+00	0.00000E+00
635	0	0	0.00000E+00	0.00000E+00	-18841.	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-22069.	0.00000E+00	0.00000E+00	0.00000E+00
637	0	0	0.00000E+00	0.00000E+00	-19698.	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-25363.	0.00000E+00	0.00000E+00	0.00000E+00
639	0	0	0.00000E+00	0.00000E+00	-30568.	0.00000E+00	0.00000E+00	0.00000E+00
640	0	0	0.00000E+00	0.00000E+00	-25825.	0.00000E+00	0.00000E+00	0.00000E+00
641	0	0	0.00000E+00	0.00000E+00	-20620.	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-18841.	0.00000E+00	0.00000E+00	0.00000E+00
643	0	0	0.00000E+00	0.00000E+00	-18841.	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-197.64	0.00000E+00	0.00000E+00	0.00000E+00
673	0	0	0.00000E+00	0.00000E+00	-0.18776E+06	0.00000E+00	0.00000E+00	0.00000E+00
674	0	0	0.00000E+00	0.00000E+00	-0.16051E+06	0.00000E+00	0.00000E+00	0.00000E+00
675	0	0	0.00000E+00	0.00000E+00	-10083.	0.00000E+00	0.00000E+00	0.00000E+00
676	0	0	0.00000E+00	0.00000E+00	-9511.2	0.00000E+00	0.00000E+00	0.00000E+00
677	0	0	0.00000E+00	0.00000E+00	-11180.	0.00000E+00	0.00000E+00	0.00000E+00
678	0	0	0.00000E+00	0.00000E+00	-9534.7	0.00000E+00	0.00000E+00	0.00000E+00
679								

875	0	0	0.00000E+00	0.00000E+00	-30913.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
876	0	0	0.00000E+00	0.00000E+00	-27089.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
877	0	0	0.00000E+00	0.00000E+00	-19477.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
878	0	0	0.00000E+00	0.00000E+00	-24023.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
879	0	0	0.00000E+00	0.00000E+00	-19639.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
880	0	0	0.00000E+00	0.00000E+00	-23377.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
881	0	0	0.00000E+00	0.00000E+00	-20285.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
882	0	0	0.00000E+00	0.00000E+00	-23451.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
883	0	0	0.00000E+00	0.00000E+00	-20900.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
884	0	0	0.00000E+00	0.00000E+00	-21858.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
885	0	0	0.00000E+00	0.00000E+00	-21116.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
886	0	0	0.00000E+00	0.00000E+00	-21437.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
887	0	0	0.00000E+00	0.00000E+00	-22225.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
888	0	0	0.00000E+00	0.00000E+00	-19737.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
889	0	0	0.00000E+00	0.00000E+00	-22455.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
890	0	0	0.00000E+00	0.00000E+00	-18848.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
891	0	0	0.00000E+00	0.00000E+00	-18161.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
892	0	0	0.00000E+00	0.00000E+00	-19807.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
893	0	0	0.00000E+00	0.00000E+00	-21525.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
894	0	0	0.00000E+00	0.00000E+00	-23543.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
895	0	0	0.00000E+00	0.00000E+00	-19364.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
896	0	0	0.00000E+00	0.00000E+00	-19879.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
897	0	0	0.00000E+00	0.00000E+00	-21897.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
898	0	0	0.00000E+00	0.00000E+00	-18848.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
899	0	0	0.00000E+00	0.00000E+00	-0.13300E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
900	0	0	0.00000E+00	0.00000E+00	-0.13099E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-6041.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
929	0	0	0.00000E+00	0.00000E+00	-9449.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
930	0	0	0.00000E+00	0.00000E+00	-8313.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
931	0	0	0.00000E+00	0.00000E+00	-11533.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
932	0	0	0.00000E+00	0.00000E+00	-13635.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
933	0	0	0.00000E+00	0.00000E+00	-11949.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
934	0	0	0.00000E+00	0.00000E+00	-8591.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
935	0	0	0.00000E+00	0.00000E+00	-10596.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-8662.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
937	0	0	0.00000E+00	0.00000E+00	-10311.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
938	0	0	0.00000E+00	0.00000E+00	-8947.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-10344.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
940	0	0	0.00000E+00	0.00000E+00	-9218.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
941	0	0	0.00000E+00	0.00000E+00	-9641.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
942	0	0	0.00000E+00	0.00000E+00	-9313.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
943	0	0	0.00000E+00	0.00000E+00	-9455.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
944	0	0	0.00000E+00	0.00000E+00	-9803.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
945	0	0	0.00000E+00	0.00000E+00	-8705.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
946	0	0	0.00000E+00	0.00000E+00	-9904.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
947	0	0	0.00000E+00	0.00000E+00	-8313.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
948	0	0	0.00000E+00	0.00000E+00	-8010.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
949	0	0	0.00000E+00	0.00000E+00	-8736.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
950	0	0	0.00000E+00	0.00000E+00	-9494.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
951	0	0	0.00000E+00	0.00000E+00	-10384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
952	0	0	0.00000E+00	0.00000E+00	-8540.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
953	0	0	0.00000E+00	0.00000E+00	-8768.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
954	0	0	0.00000E+00	0.00000E+00	-9658.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
955	0	0	0.00000E+00	0.00000E+00	-8313.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
956	0	0	0.00000E+00	0.00000E+00	-0.11000E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
957	0	0	0.00000E+00	0.00000E+00	-0.11174E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 260
LARGEST NODE OR ELEMENT NUMBER = 957

L O A D C A S E 563

incastri momento (Mx) - Point 601 - Positive - Combination

FIRST NODE	CONCENTRATED LOAD		FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
	LAST NODE	DIFF RNCE						
559	0	0	0.00000E+00	0.00000E+00	-86740.	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-73433.	0.00000E+00	0.00000E+00	0.00000E+00
561	0	0	0.00000E+00	0.00000E+00	-3545.0	0.00000E+00	0.00000E+00	0.00000E+00
562	0	0	0.00000E+00	0.00000E+00	-3382.3	0.00000E+00	0.00000E+00	0.00000E+00
563	0	0	0.00000E+00	0.00000E+00	-3986.7	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
565	0	0	0.00000E+00	0.00000E+00	-4544.6	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-5393.1	0.00000E+00	0.00000E+00	0.00000E+00
567	0	0	0.00000E+00	0.00000E+00	-4695.7	0.00000E+00	0.00000E+00	0.00000E+00
568	0	0	0.00000E+00	0.00000E+00	-3428.8	0.00000E+00	0.00000E+00	0.00000E+00
569	0	0	0.00000E+00	0.00000E+00	-3498.5	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-3870.5	0.00000E+00	0.00000E+00	0.00000E+00
571	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-3777.5	0.00000E+00	0.00000E+00	0.00000E+00
573	0	0	0.00000E+00	0.00000E+00	-4463.3	0.00000E+00	0.00000E+00	0.00000E+00
574	0	0	0.00000E+00	0.00000E+00	-5393.1	0.00000E+00	0.00000E+00	0.00000E+00
575	0	0	0.00000E+00	0.00000E+00	-4428.4	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-3614.8	0.00000E+00	0.00000E+00	0.00000E+00
577	0	0	0.00000E+00	0.00000E+00	-3754.3	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
579	0	0	0.00000E+00	0.00000E+00	-3893.7	0.00000E+00	0.00000E+00	0.00000E+00
580	0	0	0.00000E+00	0.00000E+00	-3475.3	0.00000E+00	0.00000E+00	0.00000E+00
581	0	0	0.00000E+00	0.00000E+00	-4474.9	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-5393.1	0.00000E+00	0.00000E+00	0.00000E+00
583	0	0	0.00000E+00	0.00000E+00	-4556.2	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-3638.0	0.00000E+00	0.00000E+00	0.00000E+00
585	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-3324.2	0.00000E+00	0.00000E+00	0.00000E+00
587	0	0	0.00000E+00	0.00000E+00	-34.869	0.00000E+00	0.00000E+00	0.00000E+00
616	0	0	0.00000E+00	0.00000E+00	-98175.	0.00000E+00	0.00000E+00	0.00000E+00
617	0	0	0.00000E+00	0.00000E+00	-8591.1	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-8037.2	0.00000E+00	0.00000E+00	0.00000E+00
619	0	0	0.00000E+00	0.00000E+00	-7668.3	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-9038.6	0.00000E+00	0.00000E+00	0.00000E+00
621	0	0	0.00000E+00	0.00000E+00	-7536.6	0.00000E+00	0.00000E+00	0.00000E+00
622	0	0	0.00000E+00	0.00000E+00	-10303.	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-12227.	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-10646.	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-7773.7	0.00000E+00	0.00000E+00	0.00000E+00
626								

923	0	0	0.00000E+00	0.00000E+00	-3393.9	0.00000E+00	0.00000E+00	0.00000E+00
924	0	0	0.00000E+00	0.00000E+00	-3963.5	0.00000E+00	0.00000E+00	0.00000E+00
925	0	0	0.00000E+00	0.00000E+00	-3368.7	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-2459.4	0.00000E+00	0.00000E+00	0.00000E+00
927	0	0	0.00000E+00	0.00000E+00	-2811.0	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-1756.3	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 196
 LARGEST NODE OR ELEMENT NUMBER = 928

L O A D C A S E 567

incastri verticale (Fz) - Point 600 - Negative - Characteristic

FIRST NODE	LAST NODE	DIFF RNC	CONCENTRATED LOAD		FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
			FORCE FX	FORCE FY				
559	0	0	0.00000E+00	0.00000E+00	-1167.5	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-2599.1	0.00000E+00	0.00000E+00	0.00000E+00
561	0	0	0.00000E+00	0.00000E+00	-2548.2	0.00000E+00	0.00000E+00	0.00000E+00
562	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
563	0	0	0.00000E+00	0.00000E+00	-2650.1	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-2497.2	0.00000E+00	0.00000E+00	0.00000E+00
565	0	0	0.00000E+00	0.00000E+00	-3076.4	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-3749.7	0.00000E+00	0.00000E+00	0.00000E+00
567	0	0	0.00000E+00	0.00000E+00	-2991.4	0.00000E+00	0.00000E+00	0.00000E+00
568	0	0	0.00000E+00	0.00000E+00	-2752.1	0.00000E+00	0.00000E+00	0.00000E+00
569	0	0	0.00000E+00	0.00000E+00	-2395.2	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
571	0	0	0.00000E+00	0.00000E+00	-2803.1	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-2344.3	0.00000E+00	0.00000E+00	0.00000E+00
573	0	0	0.00000E+00	0.00000E+00	-3127.3	0.00000E+00	0.00000E+00	0.00000E+00
574	0	0	0.00000E+00	0.00000E+00	-3749.7	0.00000E+00	0.00000E+00	0.00000E+00
575	0	0	0.00000E+00	0.00000E+00	-3033.2	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-2719.5	0.00000E+00	0.00000E+00	0.00000E+00
577	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-2478.8	0.00000E+00	0.00000E+00	0.00000E+00
579	0	0	0.00000E+00	0.00000E+00	-2668.5	0.00000E+00	0.00000E+00	0.00000E+00
580	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
581	0	0	0.00000E+00	0.00000E+00	-3178.3	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-3749.7	0.00000E+00	0.00000E+00	0.00000E+00
583	0	0	0.00000E+00	0.00000E+00	-3135.1	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-2566.6	0.00000E+00	0.00000E+00	0.00000E+00
585	0	0	0.00000E+00	0.00000E+00	-41007.7	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-78257.7	0.00000E+00	0.00000E+00	0.00000E+00
587	0	0	0.00000E+00	0.00000E+00	-25719.7	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
589	0	0	0.00000E+00	0.00000E+00	-3229.3	0.00000E+00	0.00000E+00	0.00000E+00
590	0	0	0.00000E+00	0.00000E+00	-3749.7	0.00000E+00	0.00000E+00	0.00000E+00
591	0	0	0.00000E+00	0.00000E+00	-3327.5	0.00000E+00	0.00000E+00	0.00000E+00
592	0	0	0.00000E+00	0.00000E+00	-2490.2	0.00000E+00	0.00000E+00	0.00000E+00
593	0	0	0.00000E+00	0.00000E+00	-2718.1	0.00000E+00	0.00000E+00	0.00000E+00
594	0	0	0.00000E+00	0.00000E+00	-2672.8	0.00000E+00	0.00000E+00	0.00000E+00
595	0	0	0.00000E+00	0.00000E+00	-2535.6	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-2855.4	0.00000E+00	0.00000E+00	0.00000E+00
597	0	0	0.00000E+00	0.00000E+00	-2494.2	0.00000E+00	0.00000E+00	0.00000E+00
598	0	0	0.00000E+00	0.00000E+00	-2968.0	0.00000E+00	0.00000E+00	0.00000E+00
599	0	0	0.00000E+00	0.00000E+00	-2376.9	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-2696.9	0.00000E+00	0.00000E+00	0.00000E+00
601	0	0	0.00000E+00	0.00000E+00	-2662.2	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-2546.2	0.00000E+00	0.00000E+00	0.00000E+00
603	0	0	0.00000E+00	0.00000E+00	-2771.7	0.00000E+00	0.00000E+00	0.00000E+00
604	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
605	0	0	0.00000E+00	0.00000E+00	-2524.1	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-2226.0	0.00000E+00	0.00000E+00	0.00000E+00
607	0	0	0.00000E+00	0.00000E+00	-2398.8	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-2701.8	0.00000E+00	0.00000E+00	0.00000E+00
609	0	0	0.00000E+00	0.00000E+00	-2779.0	0.00000E+00	0.00000E+00	0.00000E+00
610	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
611	0	0	0.00000E+00	0.00000E+00	-2626.1	0.00000E+00	0.00000E+00	0.00000E+00
612	0	0	0.00000E+00	0.00000E+00	-2521.3	0.00000E+00	0.00000E+00	0.00000E+00
613	0	0	0.00000E+00	0.00000E+00	-2335.1	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-2677.0	0.00000E+00	0.00000E+00	0.00000E+00
615	0	0	0.00000E+00	0.00000E+00	-1651.1	0.00000E+00	0.00000E+00	0.00000E+00
616	0	0	0.00000E+00	0.00000E+00	-2647.0	0.00000E+00	0.00000E+00	0.00000E+00
617	0	0	0.00000E+00	0.00000E+00	-5892.7	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-5777.2	0.00000E+00	0.00000E+00	0.00000E+00
619	0	0	0.00000E+00	0.00000E+00	-5294.0	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-6008.3	0.00000E+00	0.00000E+00	0.00000E+00
621	0	0	0.00000E+00	0.00000E+00	-5661.6	0.00000E+00	0.00000E+00	0.00000E+00
622	0	0	0.00000E+00	0.00000E+00	-6974.6	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-8501.2	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-6782.0	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-6239.5	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-5430.4	0.00000E+00	0.00000E+00	0.00000E+00
627	0	0	0.00000E+00	0.00000E+00	-5294.0	0.00000E+00	0.00000E+00	0.00000E+00
628	0	0	0.00000E+00	0.00000E+00	-6355.0	0.00000E+00	0.00000E+00	0.00000E+00
629	0	0	0.00000E+00	0.00000E+00	-5314.9	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-7090.2	0.00000E+00	0.00000E+00	0.00000E+00
631	0	0	0.00000E+00	0.00000E+00	-8501.2	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-6876.7	0.00000E+00	0.00000E+00	0.00000E+00
633	0	0	0.00000E+00	0.00000E+00	-6165.6	0.00000E+00	0.00000E+00	0.00000E+00
634	0	0	0.00000E+00	0.00000E+00	-5294.0	0.00000E+00	0.00000E+00	0.00000E+00
635	0	0	0.00000E+00	0.00000E+00	-5619.8	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-6050.0	0.00000E+00	0.00000E+00	0.00000E+00
637	0	0	0.00000E+00	0.00000E+00	-5294.0	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-7205.8	0.00000E+00	0.00000E+00	0.00000E+00
639	0	0	0.00000E+00	0.00000E+00	-8501.2	0.00000E+00	0.00000E+00	0.00000E+00
640	0	0	0.00000E+00	0.00000E+00	-7107.9	0.00000E+00	0.00000E+00	0.00000E+00
641	0	0	0.00000E+00	0.00000E+00	-5818.9	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-48206.7	0.00000E+00	0.00000E+00	0.00000E+00
643	0	0	0.00000E+00	0.00000E+00	-89884.4	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-31451.1	0.00000E+00	0.00000E+00	0.00000E+00
645	0	0	0.00000E+00	0.00000E+00	-5294.0	0.00000E+00	0.00000E+00	0.00000E+00
646	0	0	0.00000E+00	0.00000E+00	-7321.4	0.00000E+00	0.00000E+00	0.00000E+00
647	0	0	0.00000E+00	0.00000E+00	-8501.2	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-7544.1	0.00000E+00	0.00000E+00	0.00000E+00
649	0	0	0.00000E+00	0.00000E+00	-5645.8	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-6152.5	0.00000E+00	0.00000E+00	0.00000E+00
651	0	0	0.00000E+00	0.00000E+00	-6059.8	0.00000E+00	0.00000E+00	0.00000E+00
652	0	0	0.00000E+00	0.00000E+00	-5748.5	0.00000E+00	0.00000E+00	0.00000E+00
653	0	0	0.00000E+00	0.00000E+00	-6473.7	0.00000E+00	0.00000E+00	0.00000E+00
654	0	0	0.00000E+00	0.00000E+00	-5654.9	0.00000E+00	0.00000E+00	0.00000E+00
655	0	0	0.00000E+00	0.00000E+00	-6729.0	0.00000E+		

957 0 0 0.00000E+00 0.00000E+00 -5944.0 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 399

LARGEST NODE OR ELEMENT NUMBER = 957

LOAD CASE 568

incastri verticale (Fz) - Point 602 - Negative - Characteristic

FIRST NODE	CONCENTRATED LOAD		FORCE		FORCE FZ	FORCE		FORCE	
	LAST NODE	DIFF RNCE	FX	FY		MX	MY	MZ	
586	0	0	0.00000E+00	0.00000E+00	-1163.3	0.00000E+00	0.00000E+00	0.00000E+00	
587	0	0	0.00000E+00	0.00000E+00	-2618.4	0.00000E+00	0.00000E+00	0.00000E+00	
588	0	0	0.00000E+00	0.00000E+00	-2519.8	0.00000E+00	0.00000E+00	0.00000E+00	
589	0	0	0.00000E+00	0.00000E+00	-3070.6	0.00000E+00	0.00000E+00	0.00000E+00	
590	0	0	0.00000E+00	0.00000E+00	-3748.8	0.00000E+00	0.00000E+00	0.00000E+00	
591	0	0	0.00000E+00	0.00000E+00	-3112.4	0.00000E+00	0.00000E+00	0.00000E+00	
592	0	0	0.00000E+00	0.00000E+00	-2859.0	0.00000E+00	0.00000E+00	0.00000E+00	
593	0	0	0.00000E+00	0.00000E+00	-2406.4	0.00000E+00	0.00000E+00	0.00000E+00	
594	0	0	0.00000E+00	0.00000E+00	-2936.4	0.00000E+00	0.00000E+00	0.00000E+00	
595	0	0	0.00000E+00	0.00000E+00	-2441.2	0.00000E+00	0.00000E+00	0.00000E+00	
596	0	0	0.00000E+00	0.00000E+00	-2789.4	0.00000E+00	0.00000E+00	0.00000E+00	
597	0	0	0.00000E+00	0.00000E+00	-2637.8	0.00000E+00	0.00000E+00	0.00000E+00	
598	0	0	0.00000E+00	0.00000E+00	-2757.3	0.00000E+00	0.00000E+00	0.00000E+00	
599	0	0	0.00000E+00	0.00000E+00	-2594.9	0.00000E+00	0.00000E+00	0.00000E+00	
600	0	0	0.00000E+00	0.00000E+00	-2471.1	0.00000E+00	0.00000E+00	0.00000E+00	
601	0	0	0.00000E+00	0.00000E+00	-2882.2	0.00000E+00	0.00000E+00	0.00000E+00	
602	0	0	0.00000E+00	0.00000E+00	-2406.4	0.00000E+00	0.00000E+00	0.00000E+00	
603	0	0	0.00000E+00	0.00000E+00	-2826.1	0.00000E+00	0.00000E+00	0.00000E+00	
604	0	0	0.00000E+00	0.00000E+00	-2388.2	0.00000E+00	0.00000E+00	0.00000E+00	
605	0	0	0.00000E+00	0.00000E+00	-2363.6	0.00000E+00	0.00000E+00	0.00000E+00	
606	0	0	0.00000E+00	0.00000E+00	-2334.8	0.00000E+00	0.00000E+00	0.00000E+00	
607	0	0	0.00000E+00	0.00000E+00	-2449.9	0.00000E+00	0.00000E+00	0.00000E+00	
608	0	0	0.00000E+00	0.00000E+00	-2597.9	0.00000E+00	0.00000E+00	0.00000E+00	
609	0	0	0.00000E+00	0.00000E+00	-2856.8	0.00000E+00	0.00000E+00	0.00000E+00	
610	0	0	0.00000E+00	0.00000E+00	-2326.6	0.00000E+00	0.00000E+00	0.00000E+00	
611	0	0	0.00000E+00	0.00000E+00	-2560.9	0.00000E+00	0.00000E+00	0.00000E+00	
612	0	0	0.00000E+00	0.00000E+00	-2577.3	0.00000E+00	0.00000E+00	0.00000E+00	
613	0	0	0.00000E+00	0.00000E+00	-2326.6	0.00000E+00	0.00000E+00	0.00000E+00	
614	0	0	0.00000E+00	0.00000E+00	-36175.	0.00000E+00	0.00000E+00	0.00000E+00	
615	0	0	0.00000E+00	0.00000E+00	-36895.	0.00000E+00	0.00000E+00	0.00000E+00	
643	0	0	0.00000E+00	0.00000E+00	-2637.4	0.00000E+00	0.00000E+00	0.00000E+00	
644	0	0	0.00000E+00	0.00000E+00	-5936.4	0.00000E+00	0.00000E+00	0.00000E+00	
645	0	0	0.00000E+00	0.00000E+00	-5712.7	0.00000E+00	0.00000E+00	0.00000E+00	
646	0	0	0.00000E+00	0.00000E+00	-6961.5	0.00000E+00	0.00000E+00	0.00000E+00	
647	0	0	0.00000E+00	0.00000E+00	-8499.2	0.00000E+00	0.00000E+00	0.00000E+00	
648	0	0	0.00000E+00	0.00000E+00	-7056.4	0.00000E+00	0.00000E+00	0.00000E+00	
649	0	0	0.00000E+00	0.00000E+00	-6481.8	0.00000E+00	0.00000E+00	0.00000E+00	
650	0	0	0.00000E+00	0.00000E+00	-5455.6	0.00000E+00	0.00000E+00	0.00000E+00	
651	0	0	0.00000E+00	0.00000E+00	-6657.3	0.00000E+00	0.00000E+00	0.00000E+00	
652	0	0	0.00000E+00	0.00000E+00	-5534.6	0.00000E+00	0.00000E+00	0.00000E+00	
653	0	0	0.00000E+00	0.00000E+00	-6324.0	0.00000E+00	0.00000E+00	0.00000E+00	
654	0	0	0.00000E+00	0.00000E+00	-5980.4	0.00000E+00	0.00000E+00	0.00000E+00	
655	0	0	0.00000E+00	0.00000E+00	-6251.3	0.00000E+00	0.00000E+00	0.00000E+00	
656	0	0	0.00000E+00	0.00000E+00	-5883.0	0.00000E+00	0.00000E+00	0.00000E+00	
657	0	0	0.00000E+00	0.00000E+00	-5602.3	0.00000E+00	0.00000E+00	0.00000E+00	
658	0	0	0.00000E+00	0.00000E+00	-6534.5	0.00000E+00	0.00000E+00	0.00000E+00	
659	0	0	0.00000E+00	0.00000E+00	-5455.6	0.00000E+00	0.00000E+00	0.00000E+00	
660	0	0	0.00000E+00	0.00000E+00	-6407.3	0.00000E+00	0.00000E+00	0.00000E+00	
661	0	0	0.00000E+00	0.00000E+00	-5414.5	0.00000E+00	0.00000E+00	0.00000E+00	
662	0	0	0.00000E+00	0.00000E+00	-5398.6	0.00000E+00	0.00000E+00	0.00000E+00	
663	0	0	0.00000E+00	0.00000E+00	-5293.4	0.00000E+00	0.00000E+00	0.00000E+00	
664	0	0	0.00000E+00	0.00000E+00	-5554.3	0.00000E+00	0.00000E+00	0.00000E+00	
665	0	0	0.00000E+00	0.00000E+00	-5889.8	0.00000E+00	0.00000E+00	0.00000E+00	
666	0	0	0.00000E+00	0.00000E+00	-6476.9	0.00000E+00	0.00000E+00	0.00000E+00	
667	0	0	0.00000E+00	0.00000E+00	-5274.7	0.00000E+00	0.00000E+00	0.00000E+00	
668	0	0	0.00000E+00	0.00000E+00	-5805.9	0.00000E+00	0.00000E+00	0.00000E+00	
669	0	0	0.00000E+00	0.00000E+00	-5843.2	0.00000E+00	0.00000E+00	0.00000E+00	
670	0	0	0.00000E+00	0.00000E+00	-5274.7	0.00000E+00	0.00000E+00	0.00000E+00	
671	0	0	0.00000E+00	0.00000E+00	-43220.	0.00000E+00	0.00000E+00	0.00000E+00	
672	0	0	0.00000E+00	0.00000E+00	-42863.	0.00000E+00	0.00000E+00	0.00000E+00	
700	0	0	0.00000E+00	0.00000E+00	-6819.8	0.00000E+00	0.00000E+00	0.00000E+00	
701	0	0	0.00000E+00	0.00000E+00	-15351.	0.00000E+00	0.00000E+00	0.00000E+00	
702	0	0	0.00000E+00	0.00000E+00	-14772.	0.00000E+00	0.00000E+00	0.00000E+00	
703	0	0	0.00000E+00	0.00000E+00	-18001.	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-21978.	0.00000E+00	0.00000E+00	0.00000E+00	
705	0	0	0.00000E+00	0.00000E+00	-18247.	0.00000E+00	0.00000E+00	0.00000E+00	
706	0	0	0.00000E+00	0.00000E+00	-16761.	0.00000E+00	0.00000E+00	0.00000E+00	
707	0	0	0.00000E+00	0.00000E+00	-14107.	0.00000E+00	0.00000E+00	0.00000E+00	
708	0	0	0.00000E+00	0.00000E+00	-17215.	0.00000E+00	0.00000E+00	0.00000E+00	
709	0	0	0.00000E+00	0.00000E+00	-14312.	0.00000E+00	0.00000E+00	0.00000E+00	
710	0	0	0.00000E+00	0.00000E+00	-16353.	0.00000E+00	0.00000E+00	0.00000E+00	
711	0	0	0.00000E+00	0.00000E+00	-15465.	0.00000E+00	0.00000E+00	0.00000E+00	
712	0	0	0.00000E+00	0.00000E+00	-16165.	0.00000E+00	0.00000E+00	0.00000E+00	
713	0	0	0.00000E+00	0.00000E+00	-15213.	0.00000E+00	0.00000E+00	0.00000E+00	
714	0	0	0.00000E+00	0.00000E+00	-14487.	0.00000E+00	0.00000E+00	0.00000E+00	
715	0	0	0.00000E+00	0.00000E+00	-16897.	0.00000E+00	0.00000E+00	0.00000E+00	
716	0	0	0.00000E+00	0.00000E+00	-14107.	0.00000E+00	0.00000E+00	0.00000E+00	
717	0	0	0.00000E+00	0.00000E+00	-16568.	0.00000E+00	0.00000E+00	0.00000E+00	
718	0	0	0.00000E+00	0.00000E+00	-14001.	0.00000E+00	0.00000E+00	0.00000E+00	
719	0	0	0.00000E+00	0.00000E+00	-13857.	0.00000E+00	0.00000E+00	0.00000E+00	
720	0	0	0.00000E+00	0.00000E+00	-13688.	0.00000E+00	0.00000E+00	0.00000E+00	
721	0	0	0.00000E+00	0.00000E+00	-14363.	0.00000E+00	0.00000E+00	0.00000E+00	
722	0	0	0.00000E+00	0.00000E+00	-15230.	0.00000E+00	0.00000E+00	0.00000E+00	
723	0	0	0.00000E+00	0.00000E+00	-16748.	0.00000E+00	0.00000E+00	0.00000E+00	
724	0	0	0.00000E+00	0.00000E+00	-13640.	0.00000E+00	0.00000E+00	0.00000E+00	
725	0	0	0.00000E+00	0.00000E+00	-15013.	0.00000E+00	0.00000E+00	0.00000E+00	
726	0	0	0.00000E+00	0.00000E+00	-15110.	0.00000E+00	0.00000E+00	0.00000E+00	
727	0	0	0.00000E+00	0.00000E+00	-13640.	0.00000E+00	0.00000E+00	0.00000E+00	
728	0	0	0.00000E+00	0.00000E+00	-0.16519E+06	0.00000E+00	0.00000E+00	0.00000E+00	
729	0	0	0.00000E+00	0.00000E+00	-0.16701E+06	0.00000E+00	0.00000E+00	0.00000E+00	
757	0	0	0.00000E+00	0.00000E+00	-8664.5	0.00000E+00	0.00000E+00	0.00000E+00	
758	0	0	0.00000E+00	0.00000E+00	-19503.	0.00000E+00	0.00000E+00	0.00000E+00	
759	0	0	0.00000E+00	0.00000E+00	-18768.	0.00000E+00	0.00000E+00	0.00000E+00	
760	0	0	0.00000E+00	0.00000E+00	-22871.	0.00000E+00	0.00000E+00	0.00000E+00	
761	0	0	0.00000E+00	0.00000E+00	-27922.	0.00000E+00	0.00000E+00	0.00000E+00	
762	0	0	0.00000E+00	0.00000E+00	-23182.	0.00000E+00	0.00000E+00	0.00000E+00	
763	0	0	0.00000E+00	0.00000E+00	-21295.	0.00000E+00	0.00000E+00	0.00000E+00	
764	0	0	0.00000E+00	0.00000E+00	-17923.	0.00000E+00	0.00000E+00	0.00000E+00	
765	0	0	0.00000E+00	0.00000E+00	-21761.	0.00000E+00	0.00000E+00	0.00000E+00	
766	0	0	0.00000E+00	0.00000E+00	-18183.	0.00000E+00	0.00000E+00	0.00000E+00	
767	0	0	0.00000E+00	0.00000E+00	-20776.	0.00000E+00	0.00000E+00	0.00000E+00	
768	0	0	0.00000E+00	0.00000E+00	-19647.	0.00000E+00	0.00000E+00	0.00000E+00	
769	0	0	0.00000E+00	0.00000E+00	-20537.	0.0000			

941	0	0	0.00000E+00	0.00000E+00	-3422.7	0.00000E+00	0.00000E+00	0.00000E+00
942	0	0	0.00000E+00	0.00000E+00	-3883.5	0.00000E+00	0.00000E+00	0.00000E+00
943	0	0	0.00000E+00	0.00000E+00	-3833.5	0.00000E+00	0.00000E+00	0.00000E+00
944	0	0	0.00000E+00	0.00000E+00	-3666.5	0.00000E+00	0.00000E+00	0.00000E+00
945	0	0	0.00000E+00	0.00000E+00	-3991.2	0.00000E+00	0.00000E+00	0.00000E+00
946	0	0	0.00000E+00	0.00000E+00	-3362.5	0.00000E+00	0.00000E+00	0.00000E+00
947	0	0	0.00000E+00	0.00000E+00	-3634.7	0.00000E+00	0.00000E+00	0.00000E+00
948	0	0	0.00000E+00	0.00000E+00	-3205.5	0.00000E+00	0.00000E+00	0.00000E+00
949	0	0	0.00000E+00	0.00000E+00	-3454.2	0.00000E+00	0.00000E+00	0.00000E+00
950	0	0	0.00000E+00	0.00000E+00	-3890.6	0.00000E+00	0.00000E+00	0.00000E+00
951	0	0	0.00000E+00	0.00000E+00	-4001.7	0.00000E+00	0.00000E+00	0.00000E+00
952	0	0	0.00000E+00	0.00000E+00	-3362.5	0.00000E+00	0.00000E+00	0.00000E+00
953	0	0	0.00000E+00	0.00000E+00	-3781.5	0.00000E+00	0.00000E+00	0.00000E+00
954	0	0	0.00000E+00	0.00000E+00	-3630.6	0.00000E+00	0.00000E+00	0.00000E+00
955	0	0	0.00000E+00	0.00000E+00	-3362.5	0.00000E+00	0.00000E+00	0.00000E+00
956	0	0	0.00000E+00	0.00000E+00	-3854.9	0.00000E+00	0.00000E+00	0.00000E+00
957	0	0	0.00000E+00	0.00000E+00	-2377.6	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 399
 LARGEST NODE OR ELEMENT NUMBER = 957

L O A D C A S E 571

incastri verticale (Fz) - Point 602 - Negative - Combination

CONCENTRATED LOAD		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	
FIRST NODE	LAST NODE	DIFF RNC	FX	FY	FZ	MX	MY	MZ
586	0	0	0.00000E+00	0.00000E+00	-465.31	0.00000E+00	0.00000E+00	0.00000E+00
587	0	0	0.00000E+00	0.00000E+00	-1047.4	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-1007.9	0.00000E+00	0.00000E+00	0.00000E+00
589	0	0	0.00000E+00	0.00000E+00	-1228.2	0.00000E+00	0.00000E+00	0.00000E+00
590	0	0	0.00000E+00	0.00000E+00	-1499.5	0.00000E+00	0.00000E+00	0.00000E+00
591	0	0	0.00000E+00	0.00000E+00	-1245.0	0.00000E+00	0.00000E+00	0.00000E+00
592	0	0	0.00000E+00	0.00000E+00	-1143.6	0.00000E+00	0.00000E+00	0.00000E+00
593	0	0	0.00000E+00	0.00000E+00	-962.54	0.00000E+00	0.00000E+00	0.00000E+00
594	0	0	0.00000E+00	0.00000E+00	-1174.5	0.00000E+00	0.00000E+00	0.00000E+00
595	0	0	0.00000E+00	0.00000E+00	-976.47	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-1115.7	0.00000E+00	0.00000E+00	0.00000E+00
597	0	0	0.00000E+00	0.00000E+00	-1055.1	0.00000E+00	0.00000E+00	0.00000E+00
598	0	0	0.00000E+00	0.00000E+00	-1102.9	0.00000E+00	0.00000E+00	0.00000E+00
599	0	0	0.00000E+00	0.00000E+00	-1037.9	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-988.43	0.00000E+00	0.00000E+00	0.00000E+00
601	0	0	0.00000E+00	0.00000E+00	-1152.9	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-962.54	0.00000E+00	0.00000E+00	0.00000E+00
603	0	0	0.00000E+00	0.00000E+00	-1130.4	0.00000E+00	0.00000E+00	0.00000E+00
604	0	0	0.00000E+00	0.00000E+00	-955.29	0.00000E+00	0.00000E+00	0.00000E+00
605	0	0	0.00000E+00	0.00000E+00	-945.42	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-933.91	0.00000E+00	0.00000E+00	0.00000E+00
607	0	0	0.00000E+00	0.00000E+00	-979.95	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-1039.1	0.00000E+00	0.00000E+00	0.00000E+00
609	0	0	0.00000E+00	0.00000E+00	-1142.7	0.00000E+00	0.00000E+00	0.00000E+00
610	0	0	0.00000E+00	0.00000E+00	-930.62	0.00000E+00	0.00000E+00	0.00000E+00
611	0	0	0.00000E+00	0.00000E+00	-1024.3	0.00000E+00	0.00000E+00	0.00000E+00
612	0	0	0.00000E+00	0.00000E+00	-1030.9	0.00000E+00	0.00000E+00	0.00000E+00
613	0	0	0.00000E+00	0.00000E+00	-930.62	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-26201.	0.00000E+00	0.00000E+00	0.00000E+00
615	0	0	0.00000E+00	0.00000E+00	-27090.	0.00000E+00	0.00000E+00	0.00000E+00
643	0	0	0.00000E+00	0.00000E+00	-1054.9	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-2374.6	0.00000E+00	0.00000E+00	0.00000E+00
645	0	0	0.00000E+00	0.00000E+00	-2285.1	0.00000E+00	0.00000E+00	0.00000E+00
646	0	0	0.00000E+00	0.00000E+00	-2794.6	0.00000E+00	0.00000E+00	0.00000E+00
647	0	0	0.00000E+00	0.00000E+00	-3399.7	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-2822.5	0.00000E+00	0.00000E+00	0.00000E+00
649	0	0	0.00000E+00	0.00000E+00	-2592.7	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-2182.3	0.00000E+00	0.00000E+00	0.00000E+00
651	0	0	0.00000E+00	0.00000E+00	-2662.9	0.00000E+00	0.00000E+00	0.00000E+00
652	0	0	0.00000E+00	0.00000E+00	-2213.8	0.00000E+00	0.00000E+00	0.00000E+00
653	0	0	0.00000E+00	0.00000E+00	-2529.6	0.00000E+00	0.00000E+00	0.00000E+00
654	0	0	0.00000E+00	0.00000E+00	-2392.2	0.00000E+00	0.00000E+00	0.00000E+00
655	0	0	0.00000E+00	0.00000E+00	-2500.5	0.00000E+00	0.00000E+00	0.00000E+00
656	0	0	0.00000E+00	0.00000E+00	-2353.2	0.00000E+00	0.00000E+00	0.00000E+00
657	0	0	0.00000E+00	0.00000E+00	-2240.9	0.00000E+00	0.00000E+00	0.00000E+00
658	0	0	0.00000E+00	0.00000E+00	-2613.8	0.00000E+00	0.00000E+00	0.00000E+00
659	0	0	0.00000E+00	0.00000E+00	-2182.3	0.00000E+00	0.00000E+00	0.00000E+00
660	0	0	0.00000E+00	0.00000E+00	-2562.9	0.00000E+00	0.00000E+00	0.00000E+00
661	0	0	0.00000E+00	0.00000E+00	-2165.8	0.00000E+00	0.00000E+00	0.00000E+00
662	0	0	0.00000E+00	0.00000E+00	-2143.4	0.00000E+00	0.00000E+00	0.00000E+00
663	0	0	0.00000E+00	0.00000E+00	-2117.3	0.00000E+00	0.00000E+00	0.00000E+00
664	0	0	0.00000E+00	0.00000E+00	-2221.7	0.00000E+00	0.00000E+00	0.00000E+00
665	0	0	0.00000E+00	0.00000E+00	-2355.9	0.00000E+00	0.00000E+00	0.00000E+00
666	0	0	0.00000E+00	0.00000E+00	-2590.8	0.00000E+00	0.00000E+00	0.00000E+00
667	0	0	0.00000E+00	0.00000E+00	-2109.9	0.00000E+00	0.00000E+00	0.00000E+00
668	0	0	0.00000E+00	0.00000E+00	-2322.4	0.00000E+00	0.00000E+00	0.00000E+00
669	0	0	0.00000E+00	0.00000E+00	-2337.3	0.00000E+00	0.00000E+00	0.00000E+00
670	0	0	0.00000E+00	0.00000E+00	-2109.9	0.00000E+00	0.00000E+00	0.00000E+00
671	0	0	0.00000E+00	0.00000E+00	-30305.	0.00000E+00	0.00000E+00	0.00000E+00
672	0	0	0.00000E+00	0.00000E+00	-30829.	0.00000E+00	0.00000E+00	0.00000E+00
700	0	0	0.00000E+00	0.00000E+00	-2727.9	0.00000E+00	0.00000E+00	0.00000E+00
701	0	0	0.00000E+00	0.00000E+00	-6140.3	0.00000E+00	0.00000E+00	0.00000E+00
702	0	0	0.00000E+00	0.00000E+00	-5908.9	0.00000E+00	0.00000E+00	0.00000E+00
703	0	0	0.00000E+00	0.00000E+00	-7200.6	0.00000E+00	0.00000E+00	0.00000E+00
704	0	0	0.00000E+00	0.00000E+00	-8791.1	0.00000E+00	0.00000E+00	0.00000E+00
705	0	0	0.00000E+00	0.00000E+00	-7298.7	0.00000E+00	0.00000E+00	0.00000E+00
706	0	0	0.00000E+00	0.00000E+00	-6704.5	0.00000E+00	0.00000E+00	0.00000E+00
707	0	0	0.00000E+00	0.00000E+00	-5643.0	0.00000E+00	0.00000E+00	0.00000E+00
708	0	0	0.00000E+00	0.00000E+00	-6885.9	0.00000E+00	0.00000E+00	0.00000E+00
709	0	0	0.00000E+00	0.00000E+00	-5724.6	0.00000E+00	0.00000E+00	0.00000E+00
710	0	0	0.00000E+00	0.00000E+00	-6541.2	0.00000E+00	0.00000E+00	0.00000E+00
711	0	0	0.00000E+00	0.00000E+00	-6185.8	0.00000E+00	0.00000E+00	0.00000E+00
712	0	0	0.00000E+00	0.00000E+00	-6466.0	0.00000E+00	0.00000E+00	0.00000E+00
713	0	0	0.00000E+00	0.00000E+00	-6085.1	0.00000E+00	0.00000E+00	0.00000E+00
714	0	0	0.00000E+00	0.00000E+00	-5794.7	0.00000E+00	0.00000E+00	0.00000E+00
715	0	0	0.00000E+00	0.00000E+00	-6758.9	0.00000E+00	0.00000E+00	0.00000E+00
716	0	0	0.00000E+00	0.00000E+00	-5643.0	0.00000E+00	0.00000E+00	0.00000E+00
717	0	0	0.00000E+00	0.00000E+00	-6627.3	0.00000E+00	0.00000E+00	0.00000E+00
718	0	0	0.00000E+00	0.00000E+00	-5600.5	0.00000E+00	0.00000E+00	0.00000E+00
719	0	0	0.00000E+00	0.00000E+00	-5542.6	0.00000E+00	0.00000E+00	0.00000E+00
720	0	0	0.00000E+00	0.00000E+00	-5475.2	0.00000E+00	0.00000E+00	0.00000E+00
721	0	0	0.00000E+00	0.00000E+00	-5745.1	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-6092.1	0.00000E+00	0.00000E+00	0.00000E+00
723	0	0	0.00000E+00	0.00000E+00	-6699.3	0.00000E+00	0.00000E+00	0.00000E+00
724	0	0	0.00000E+00	0.00000E+00	-5455.9	0.00000E+00	0.00000E+00	0.00000E+00
725	0	0	0.00000E+00	0.00000E+00	-6005.3	0.		

923	0	0	0.00000E+00	0.00000E+00	-4368.8	0.00000E+00	0.00000E+00	0.00000E+00
924	0	0	0.00000E+00	0.00000E+00	-5396.8	0.00000E+00	0.00000E+00	0.00000E+00
925	0	0	0.00000E+00	0.00000E+00	-4433.1	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-3597.9	0.00000E+00	0.00000E+00	0.00000E+00
927	0	0	0.00000E+00	0.00000E+00	-3790.6	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-1670.4	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 196
 LARGEST NODE OR ELEMENT NUMBER = 928

L O A D C A S E 576

verticale appoggi (Fz) - Point 588 - (Point 588) - Negative - Characteristic

FIRST NODE	LAST NODE	DIFF RNC	CONCENTRATED LOAD		FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
			FORCE FX	FORCE FY				
559	0	0	0.00000E+00	0.00000E+00	-137.33	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
561	0	0	0.00000E+00	0.00000E+00	-694.20	0.00000E+00	0.00000E+00	0.00000E+00
562	0	0	0.00000E+00	0.00000E+00	-807.07	0.00000E+00	0.00000E+00	0.00000E+00
563	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-709.25	0.00000E+00	0.00000E+00	0.00000E+00
565	0	0	0.00000E+00	0.00000E+00	-940.64	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-1093.7	0.00000E+00	0.00000E+00	0.00000E+00
567	0	0	0.00000E+00	0.00000E+00	-940.02	0.00000E+00	0.00000E+00	0.00000E+00
568	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
569	0	0	0.00000E+00	0.00000E+00	-739.35	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-761.92	0.00000E+00	0.00000E+00	0.00000E+00
571	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-754.40	0.00000E+00	0.00000E+00	0.00000E+00
573	0	0	0.00000E+00	0.00000E+00	-910.54	0.00000E+00	0.00000E+00	0.00000E+00
574	0	0	0.00000E+00	0.00000E+00	-1093.7	0.00000E+00	0.00000E+00	0.00000E+00
575	0	0	0.00000E+00	0.00000E+00	-924.97	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
577	0	0	0.00000E+00	0.00000E+00	-784.50	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-716.77	0.00000E+00	0.00000E+00	0.00000E+00
579	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
580	0	0	0.00000E+00	0.00000E+00	-799.55	0.00000E+00	0.00000E+00	0.00000E+00
581	0	0	0.00000E+00	0.00000E+00	-880.44	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-1093.7	0.00000E+00	0.00000E+00	0.00000E+00
583	0	0	0.00000E+00	0.00000E+00	-909.92	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-690.43	0.00000E+00	0.00000E+00	0.00000E+00
585	0	0	0.00000E+00	0.00000E+00	-810.84	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-3415.4	0.00000E+00	0.00000E+00	0.00000E+00
587	0	0	0.00000E+00	0.00000E+00	-12737.7	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-7905.2	0.00000E+00	0.00000E+00	0.00000E+00
589	0	0	0.00000E+00	0.00000E+00	-874.80	0.00000E+00	0.00000E+00	0.00000E+00
590	0	0	0.00000E+00	0.00000E+00	-1093.7	0.00000E+00	0.00000E+00	0.00000E+00
591	0	0	0.00000E+00	0.00000E+00	-908.04	0.00000E+00	0.00000E+00	0.00000E+00
592	0	0	0.00000E+00	0.00000E+00	-819.80	0.00000E+00	0.00000E+00	0.00000E+00
593	0	0	0.00000E+00	0.00000E+00	-752.52	0.00000E+00	0.00000E+00	0.00000E+00
594	0	0	0.00000E+00	0.00000E+00	-766.68	0.00000E+00	0.00000E+00	0.00000E+00
595	0	0	0.00000E+00	0.00000E+00	-805.63	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-713.56	0.00000E+00	0.00000E+00	0.00000E+00
597	0	0	0.00000E+00	0.00000E+00	-879.31	0.00000E+00	0.00000E+00	0.00000E+00
598	0	0	0.00000E+00	0.00000E+00	-710.71	0.00000E+00	0.00000E+00	0.00000E+00
599	0	0	0.00000E+00	0.00000E+00	-815.45	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-730.30	0.00000E+00	0.00000E+00	0.00000E+00
601	0	0	0.00000E+00	0.00000E+00	-770.22	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-802.09	0.00000E+00	0.00000E+00	0.00000E+00
603	0	0	0.00000E+00	0.00000E+00	-690.30	0.00000E+00	0.00000E+00	0.00000E+00
604	0	0	0.00000E+00	0.00000E+00	-799.55	0.00000E+00	0.00000E+00	0.00000E+00
605	0	0	0.00000E+00	0.00000E+00	-701.72	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-632.74	0.00000E+00	0.00000E+00	0.00000E+00
607	0	0	0.00000E+00	0.00000E+00	-668.07	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-851.18	0.00000E+00	0.00000E+00	0.00000E+00
609	0	0	0.00000E+00	0.00000E+00	-720.74	0.00000E+00	0.00000E+00	0.00000E+00
610	0	0	0.00000E+00	0.00000E+00	-810.84	0.00000E+00	0.00000E+00	0.00000E+00
611	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
612	0	0	0.00000E+00	0.00000E+00	-705.48	0.00000E+00	0.00000E+00	0.00000E+00
613	0	0	0.00000E+00	0.00000E+00	-795.79	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-681.03	0.00000E+00	0.00000E+00	0.00000E+00
615	0	0	0.00000E+00	0.00000E+00	-238.92	0.00000E+00	0.00000E+00	0.00000E+00
616	0	0	0.00000E+00	0.00000E+00	-869.08	0.00000E+00	0.00000E+00	0.00000E+00
617	0	0	0.00000E+00	0.00000E+00	-4309.7	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-4393.0	0.00000E+00	0.00000E+00	0.00000E+00
619	0	0	0.00000E+00	0.00000E+00	-5107.4	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-4309.7	0.00000E+00	0.00000E+00	0.00000E+00
621	0	0	0.00000E+00	0.00000E+00	-4488.3	0.00000E+00	0.00000E+00	0.00000E+00
622	0	0	0.00000E+00	0.00000E+00	-5952.6	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-6920.9	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-5948.7	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-4309.7	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-4678.8	0.00000E+00	0.00000E+00	0.00000E+00
627	0	0	0.00000E+00	0.00000E+00	-4821.6	0.00000E+00	0.00000E+00	0.00000E+00
628	0	0	0.00000E+00	0.00000E+00	-4309.7	0.00000E+00	0.00000E+00	0.00000E+00
629	0	0	0.00000E+00	0.00000E+00	-4774.0	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-5762.1	0.00000E+00	0.00000E+00	0.00000E+00
631	0	0	0.00000E+00	0.00000E+00	-6920.9	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-5853.4	0.00000E+00	0.00000E+00	0.00000E+00
633	0	0	0.00000E+00	0.00000E+00	-4309.7	0.00000E+00	0.00000E+00	0.00000E+00
634	0	0	0.00000E+00	0.00000E+00	-4964.5	0.00000E+00	0.00000E+00	0.00000E+00
635	0	0	0.00000E+00	0.00000E+00	-4535.9	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-4309.7	0.00000E+00	0.00000E+00	0.00000E+00
637	0	0	0.00000E+00	0.00000E+00	-5059.7	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-5571.7	0.00000E+00	0.00000E+00	0.00000E+00
639	0	0	0.00000E+00	0.00000E+00	-6920.9	0.00000E+00	0.00000E+00	0.00000E+00
640	0	0	0.00000E+00	0.00000E+00	-5758.2	0.00000E+00	0.00000E+00	0.00000E+00
641	0	0	0.00000E+00	0.00000E+00	-4369.2	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-5131.2	0.00000E+00	0.00000E+00	0.00000E+00
643	0	0	0.00000E+00	0.00000E+00	-14075.5	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-47433.3	0.00000E+00	0.00000E+00	0.00000E+00
645	0	0	0.00000E+00	0.00000E+00	-30427.7	0.00000E+00	0.00000E+00	0.00000E+00
646	0	0	0.00000E+00	0.00000E+00	-5535.9	0.00000E+00	0.00000E+00	0.00000E+00
647	0	0	0.00000E+00	0.00000E+00	-6920.9	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-5746.3	0.00000E+00	0.00000E+00	0.00000E+00
649	0	0	0.00000E+00	0.00000E+00	-5187.9	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-4762.1	0.00000E+00	0.00000E+00	0.00000E+00
651	0	0	0.00000E+00	0.00000E+00	-4851.7	0.00000E+00	0.00000E+00	0.00000E+00
652	0	0	0.00000E+00	0.00000E+00	-5098.3	0.00000E+00	0.00000E+00	0.00000E+00
653	0	0	0.00000E+00	0.00000E+00	-4515.6	0.00000E+00	0.00000E+00	0.00000E+00
654	0	0	0.00000E+00	0.00000E+00	-5564.5	0.00000E+00	0.00000E+00	0.00000E+00
655	0	0	0.00000E+00	0.00000E+00	-4497.5	0.0		

LOAD CASE 578

verticale appoggi (Fz) - Point 590 - (Point 590) - Negative - Characteristic

CONCENTRATED LOAD		FORCE		FORCE		FORCE		FORCE		FORCE	
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ			
559	0	0	0.00000E+00	0.00000E+00	-0.11762E+06	0.00000E+00	0.00000E+00	0.00000E+00			
560	0	0	0.00000E+00	0.00000E+00	-0.10224E+06	0.00000E+00	0.00000E+00	0.00000E+00			
561	0	0	0.00000E+00	0.00000E+00	-9066.0	0.00000E+00	0.00000E+00	0.00000E+00			
562	0	0	0.00000E+00	0.00000E+00	-8374.1	0.00000E+00	0.00000E+00	0.00000E+00			
563	0	0	0.00000E+00	0.00000E+00	-9793.3	0.00000E+00	0.00000E+00	0.00000E+00			
564	0	0	0.00000E+00	0.00000E+00	-8702.4	0.00000E+00	0.00000E+00	0.00000E+00			
565	0	0	0.00000E+00	0.00000E+00	-11177.7	0.00000E+00	0.00000E+00	0.00000E+00			
566	0	0	0.00000E+00	0.00000E+00	-13495.7	0.00000E+00	0.00000E+00	0.00000E+00			
567	0	0	0.00000E+00	0.00000E+00	-10970.7	0.00000E+00	0.00000E+00	0.00000E+00			
568	0	0	0.00000E+00	0.00000E+00	-9722.6	0.00000E+00	0.00000E+00	0.00000E+00			
569	0	0	0.00000E+00	0.00000E+00	-8374.1	0.00000E+00	0.00000E+00	0.00000E+00			
570	0	0	0.00000E+00	0.00000E+00	-9136.7	0.00000E+00	0.00000E+00	0.00000E+00			
571	0	0	0.00000E+00	0.00000E+00	-9359.0	0.00000E+00	0.00000E+00	0.00000E+00			
572	0	0	0.00000E+00	0.00000E+00	-8374.1	0.00000E+00	0.00000E+00	0.00000E+00			
573	0	0	0.00000E+00	0.00000E+00	-11541.7	0.00000E+00	0.00000E+00	0.00000E+00			
574	0	0	0.00000E+00	0.00000E+00	-13495.7	0.00000E+00	0.00000E+00	0.00000E+00			
575	0	0	0.00000E+00	0.00000E+00	-11697.7	0.00000E+00	0.00000E+00	0.00000E+00			
576	0	0	0.00000E+00	0.00000E+00	-8631.7	0.00000E+00	0.00000E+00	0.00000E+00			
577	0	0	0.00000E+00	0.00000E+00	-8480.1	0.00000E+00	0.00000E+00	0.00000E+00			
578	0	0	0.00000E+00	0.00000E+00	-10016.7	0.00000E+00	0.00000E+00	0.00000E+00			
579	0	0	0.00000E+00	0.00000E+00	-8374.1	0.00000E+00	0.00000E+00	0.00000E+00			
580	0	0	0.00000E+00	0.00000E+00	-8843.8	0.00000E+00	0.00000E+00	0.00000E+00			
581	0	0	0.00000E+00	0.00000E+00	-11556.7	0.00000E+00	0.00000E+00	0.00000E+00			
582	0	0	0.00000E+00	0.00000E+00	-13495.7	0.00000E+00	0.00000E+00	0.00000E+00			
583	0	0	0.00000E+00	0.00000E+00	-11470.7	0.00000E+00	0.00000E+00	0.00000E+00			
584	0	0	0.00000E+00	0.00000E+00	-8374.1	0.00000E+00	0.00000E+00	0.00000E+00			
585	0	0	0.00000E+00	0.00000E+00	-9571.1	0.00000E+00	0.00000E+00	0.00000E+00			
586	0	0	0.00000E+00	0.00000E+00	-5980.0	0.00000E+00	0.00000E+00	0.00000E+00			
616	0	0	0.00000E+00	0.00000E+00	-0.13537E+06	0.00000E+00	0.00000E+00	0.00000E+00			
617	0	0	0.00000E+00	0.00000E+00	-0.12437E+06	0.00000E+00	0.00000E+00	0.00000E+00			
618	0	0	0.00000E+00	0.00000E+00	-20554.7	0.00000E+00	0.00000E+00	0.00000E+00			
619	0	0	0.00000E+00	0.00000E+00	-18985.7	0.00000E+00	0.00000E+00	0.00000E+00			
620	0	0	0.00000E+00	0.00000E+00	-22203.7	0.00000E+00	0.00000E+00	0.00000E+00			
621	0	0	0.00000E+00	0.00000E+00	-19730.7	0.00000E+00	0.00000E+00	0.00000E+00			
622	0	0	0.00000E+00	0.00000E+00	-25341.7	0.00000E+00	0.00000E+00	0.00000E+00			
623	0	0	0.00000E+00	0.00000E+00	-30597.7	0.00000E+00	0.00000E+00	0.00000E+00			
624	0	0	0.00000E+00	0.00000E+00	-24871.7	0.00000E+00	0.00000E+00	0.00000E+00			
625	0	0	0.00000E+00	0.00000E+00	-22043.7	0.00000E+00	0.00000E+00	0.00000E+00			
626	0	0	0.00000E+00	0.00000E+00	-18985.7	0.00000E+00	0.00000E+00	0.00000E+00			
627	0	0	0.00000E+00	0.00000E+00	-20715.7	0.00000E+00	0.00000E+00	0.00000E+00			
628	0	0	0.00000E+00	0.00000E+00	-21218.7	0.00000E+00	0.00000E+00	0.00000E+00			
629	0	0	0.00000E+00	0.00000E+00	-18985.7	0.00000E+00	0.00000E+00	0.00000E+00			
630	0	0	0.00000E+00	0.00000E+00	-26165.7	0.00000E+00	0.00000E+00	0.00000E+00			
631	0	0	0.00000E+00	0.00000E+00	-30597.7	0.00000E+00	0.00000E+00	0.00000E+00			
632	0	0	0.00000E+00	0.00000E+00	-26520.7	0.00000E+00	0.00000E+00	0.00000E+00			
633	0	0	0.00000E+00	0.00000E+00	-19569.7	0.00000E+00	0.00000E+00	0.00000E+00			
634	0	0	0.00000E+00	0.00000E+00	-19226.7	0.00000E+00	0.00000E+00	0.00000E+00			
635	0	0	0.00000E+00	0.00000E+00	-22707.7	0.00000E+00	0.00000E+00	0.00000E+00			
636	0	0	0.00000E+00	0.00000E+00	-18985.7	0.00000E+00	0.00000E+00	0.00000E+00			
637	0	0	0.00000E+00	0.00000E+00	-20050.7	0.00000E+00	0.00000E+00	0.00000E+00			
638	0	0	0.00000E+00	0.00000E+00	-26200.7	0.00000E+00	0.00000E+00	0.00000E+00			
639	0	0	0.00000E+00	0.00000E+00	-30597.7	0.00000E+00	0.00000E+00	0.00000E+00			
640	0	0	0.00000E+00	0.00000E+00	-26005.7	0.00000E+00	0.00000E+00	0.00000E+00			
641	0	0	0.00000E+00	0.00000E+00	-18985.7	0.00000E+00	0.00000E+00	0.00000E+00			
642	0	0	0.00000E+00	0.00000E+00	-21649.7	0.00000E+00	0.00000E+00	0.00000E+00			
643	0	0	0.00000E+00	0.00000E+00	-13558.7	0.00000E+00	0.00000E+00	0.00000E+00			
673	0	0	0.00000E+00	0.00000E+00	-0.18778E+06	0.00000E+00	0.00000E+00	0.00000E+00			
674	0	0	0.00000E+00	0.00000E+00	-0.16041E+06	0.00000E+00	0.00000E+00	0.00000E+00			
675	0	0	0.00000E+00	0.00000E+00	-10232.7	0.00000E+00	0.00000E+00	0.00000E+00			
676	0	0	0.00000E+00	0.00000E+00	-9451.3	0.00000E+00	0.00000E+00	0.00000E+00			
677	0	0	0.00000E+00	0.00000E+00	-11053.7	0.00000E+00	0.00000E+00	0.00000E+00			
678	0	0	0.00000E+00	0.00000E+00	-9821.8	0.00000E+00	0.00000E+00	0.00000E+00			
679	0	0	0.00000E+00	0.00000E+00	-12615.7	0.00000E+00	0.00000E+00	0.00000E+00			
680	0	0	0.00000E+00	0.00000E+00	-15232.7	0.00000E+00	0.00000E+00	0.00000E+00			
681	0	0	0.00000E+00	0.00000E+00	-12381.7	0.00000E+00	0.00000E+00	0.00000E+00			
682	0	0	0.00000E+00	0.00000E+00	-10973.7	0.00000E+00	0.00000E+00	0.00000E+00			
683	0	0	0.00000E+00	0.00000E+00	-9451.3	0.00000E+00	0.00000E+00	0.00000E+00			
684	0	0	0.00000E+00	0.00000E+00	-10312.7	0.00000E+00	0.00000E+00	0.00000E+00			
685	0	0	0.00000E+00	0.00000E+00	-10563.7	0.00000E+00	0.00000E+00	0.00000E+00			
686	0	0	0.00000E+00	0.00000E+00	-9451.3	0.00000E+00	0.00000E+00	0.00000E+00			
687	0	0	0.00000E+00	0.00000E+00	-13025.7	0.00000E+00	0.00000E+00	0.00000E+00			
688	0	0	0.00000E+00	0.00000E+00	-15232.7	0.00000E+00	0.00000E+00	0.00000E+00			
689	0	0	0.00000E+00	0.00000E+00	-13202.7	0.00000E+00	0.00000E+00	0.00000E+00			
690	0	0	0.00000E+00	0.00000E+00	-9742.0	0.00000E+00	0.00000E+00	0.00000E+00			
691	0	0	0.00000E+00	0.00000E+00	-9571.0	0.00000E+00	0.00000E+00	0.00000E+00			
692	0	0	0.00000E+00	0.00000E+00	-11304.7	0.00000E+00	0.00000E+00	0.00000E+00			
693	0	0	0.00000E+00	0.00000E+00	-9451.3	0.00000E+00	0.00000E+00	0.00000E+00			
694	0	0	0.00000E+00	0.00000E+00	-9981.4	0.00000E+00	0.00000E+00	0.00000E+00			
695	0	0	0.00000E+00	0.00000E+00	-13043.7	0.00000E+00	0.00000E+00	0.00000E+00			
696	0	0	0.00000E+00	0.00000E+00	-15232.7	0.00000E+00	0.00000E+00	0.00000E+00			
697	0	0	0.00000E+00	0.00000E+00	-12946.7	0.00000E+00	0.00000E+00	0.00000E+00			
698	0	0	0.00000E+00	0.00000E+00	-9451.3	0.00000E+00	0.00000E+00	0.00000E+00			
699	0	0	0.00000E+00	0.00000E+00	-10802.7	0.00000E+00	0.00000E+00	0.00000E+00			
700	0	0	0.00000E+00	0.00000E+00	-6749.3	0.00000E+00	0.00000E+00	0.00000E+00			
730	0	0	0.00000E+00	0.00000E+00	-88484.7	0.00000E+00	0.00000E+00	0.00000E+00			
731	0	0	0.00000E+00	0.00000E+00	-75859.7	0.00000E+00	0.00000E+00	0.00000E+00			
732	0	0	0.00000E+00	0.00000E+00	-5228.5	0.00000E+00	0.00000E+00	0.00000E+00			
733	0	0	0.00000E+00	0.00000E+00	-4829.7	0.00000E+00	0.00000E+00	0.00000E+00			
734	0	0	0.00000E+00	0.00000E+00	-5649.3	0.00000E+00	0.00000E+00	0.00000E+00			
735	0	0	0.00000E+00	0.00000E+00	-5018.1	0.00000E+00	0.00000E+00	0.00000E+00			
736	0	0	0.00000E+00	0.00000E+00	-6446.9	0.00000E+00	0.00000E+00	0.00000E+00			
737	0	0	0.00000E+00	0.00000E+00	-7783.6	0.00000E+00	0.00000E+00	0.00000E+00			
738	0	0	0.0								

verticale appoggi (Fz) - Point 592 - (Point 592) - Negative - Characteristic

CONCENTRATED LOAD			FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
FIRST NODE	LAST NODE	DIFF RNCE	FX	FY	FZ	MX	MY	MZ
586	0	0	0.00000E+00	0.00000E+00	-4187.8	0.00000E+00	0.00000E+00	0.00000E+00
587	0	0	0.00000E+00	0.00000E+00	-9426.3	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-9071.1	0.00000E+00	0.00000E+00	0.00000E+00
589	0	0	0.00000E+00	0.00000E+00	-11054.4	0.00000E+00	0.00000E+00	0.00000E+00
590	0	0	0.00000E+00	0.00000E+00	-13496.4	0.00000E+00	0.00000E+00	0.00000E+00
591	0	0	0.00000E+00	0.00000E+00	-11205.4	0.00000E+00	0.00000E+00	0.00000E+00
592	0	0	0.00000E+00	0.00000E+00	-10292.2	0.00000E+00	0.00000E+00	0.00000E+00
593	0	0	0.00000E+00	0.00000E+00	-8662.9	0.00000E+00	0.00000E+00	0.00000E+00
594	0	0	0.00000E+00	0.00000E+00	-10571.1	0.00000E+00	0.00000E+00	0.00000E+00
595	0	0	0.00000E+00	0.00000E+00	-8788.2	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-10042.2	0.00000E+00	0.00000E+00	0.00000E+00
597	0	0	0.00000E+00	0.00000E+00	-9496.2	0.00000E+00	0.00000E+00	0.00000E+00
598	0	0	0.00000E+00	0.00000E+00	-9926.3	0.00000E+00	0.00000E+00	0.00000E+00
599	0	0	0.00000E+00	0.00000E+00	-9341.5	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-8895.8	0.00000E+00	0.00000E+00	0.00000E+00
601	0	0	0.00000E+00	0.00000E+00	-10376.6	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-8662.9	0.00000E+00	0.00000E+00	0.00000E+00
603	0	0	0.00000E+00	0.00000E+00	-10174.4	0.00000E+00	0.00000E+00	0.00000E+00
604	0	0	0.00000E+00	0.00000E+00	-8597.6	0.00000E+00	0.00000E+00	0.00000E+00
605	0	0	0.00000E+00	0.00000E+00	-8508.8	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-8405.2	0.00000E+00	0.00000E+00	0.00000E+00
607	0	0	0.00000E+00	0.00000E+00	-8819.6	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-9352.3	0.00000E+00	0.00000E+00	0.00000E+00
609	0	0	0.00000E+00	0.00000E+00	-10285.4	0.00000E+00	0.00000E+00	0.00000E+00
610	0	0	0.00000E+00	0.00000E+00	-8375.6	0.00000E+00	0.00000E+00	0.00000E+00
611	0	0	0.00000E+00	0.00000E+00	-9219.1	0.00000E+00	0.00000E+00	0.00000E+00
612	0	0	0.00000E+00	0.00000E+00	-9278.3	0.00000E+00	0.00000E+00	0.00000E+00
613	0	0	0.00000E+00	0.00000E+00	-8375.6	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-0.11012E+06	0.00000E+00	0.00000E+00	0.00000E+00
615	0	0	0.00000E+00	0.00000E+00	-0.11168E+06	0.00000E+00	0.00000E+00	0.00000E+00
643	0	0	0.00000E+00	0.00000E+00	-9494.5	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-21371.1	0.00000E+00	0.00000E+00	0.00000E+00
645	0	0	0.00000E+00	0.00000E+00	-20566.2	0.00000E+00	0.00000E+00	0.00000E+00
646	0	0	0.00000E+00	0.00000E+00	-25061.1	0.00000E+00	0.00000E+00	0.00000E+00
647	0	0	0.00000E+00	0.00000E+00	-30597.2	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-25403.1	0.00000E+00	0.00000E+00	0.00000E+00
649	0	0	0.00000E+00	0.00000E+00	-23335.2	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-19640.1	0.00000E+00	0.00000E+00	0.00000E+00
651	0	0	0.00000E+00	0.00000E+00	-23966.2	0.00000E+00	0.00000E+00	0.00000E+00
652	0	0	0.00000E+00	0.00000E+00	-19924.1	0.00000E+00	0.00000E+00	0.00000E+00
653	0	0	0.00000E+00	0.00000E+00	-22766.2	0.00000E+00	0.00000E+00	0.00000E+00
654	0	0	0.00000E+00	0.00000E+00	-21530.1	0.00000E+00	0.00000E+00	0.00000E+00
655	0	0	0.00000E+00	0.00000E+00	-22505.2	0.00000E+00	0.00000E+00	0.00000E+00
656	0	0	0.00000E+00	0.00000E+00	-21179.1	0.00000E+00	0.00000E+00	0.00000E+00
657	0	0	0.00000E+00	0.00000E+00	-20168.2	0.00000E+00	0.00000E+00	0.00000E+00
658	0	0	0.00000E+00	0.00000E+00	-23524.1	0.00000E+00	0.00000E+00	0.00000E+00
659	0	0	0.00000E+00	0.00000E+00	-19640.1	0.00000E+00	0.00000E+00	0.00000E+00
660	0	0	0.00000E+00	0.00000E+00	-23066.2	0.00000E+00	0.00000E+00	0.00000E+00
661	0	0	0.00000E+00	0.00000E+00	-19492.1	0.00000E+00	0.00000E+00	0.00000E+00
662	0	0	0.00000E+00	0.00000E+00	-19291.2	0.00000E+00	0.00000E+00	0.00000E+00
663	0	0	0.00000E+00	0.00000E+00	-19056.1	0.00000E+00	0.00000E+00	0.00000E+00
664	0	0	0.00000E+00	0.00000E+00	-19095.2	0.00000E+00	0.00000E+00	0.00000E+00
665	0	0	0.00000E+00	0.00000E+00	-21203.1	0.00000E+00	0.00000E+00	0.00000E+00
666	0	0	0.00000E+00	0.00000E+00	-23317.2	0.00000E+00	0.00000E+00	0.00000E+00
667	0	0	0.00000E+00	0.00000E+00	-18989.1	0.00000E+00	0.00000E+00	0.00000E+00
668	0	0	0.00000E+00	0.00000E+00	-20901.2	0.00000E+00	0.00000E+00	0.00000E+00
669	0	0	0.00000E+00	0.00000E+00	-21036.1	0.00000E+00	0.00000E+00	0.00000E+00
670	0	0	0.00000E+00	0.00000E+00	-18989.2	0.00000E+00	0.00000E+00	0.00000E+00
671	0	0	0.00000E+00	0.00000E+00	-0.13328E+06	0.00000E+00	0.00000E+00	0.00000E+00
672	0	0	0.00000E+00	0.00000E+00	-0.13085E+06	0.00000E+00	0.00000E+00	0.00000E+00
700	0	0	0.00000E+00	0.00000E+00	-4726.5	0.00000E+00	0.00000E+00	0.00000E+00
701	0	0	0.00000E+00	0.00000E+00	-10639.1	0.00000E+00	0.00000E+00	0.00000E+00
702	0	0	0.00000E+00	0.00000E+00	-10238.2	0.00000E+00	0.00000E+00	0.00000E+00
703	0	0	0.00000E+00	0.00000E+00	-12476.1	0.00000E+00	0.00000E+00	0.00000E+00
704	0	0	0.00000E+00	0.00000E+00	-15322.2	0.00000E+00	0.00000E+00	0.00000E+00
705	0	0	0.00000E+00	0.00000E+00	-12646.1	0.00000E+00	0.00000E+00	0.00000E+00
706	0	0	0.00000E+00	0.00000E+00	-11616.2	0.00000E+00	0.00000E+00	0.00000E+00
707	0	0	0.00000E+00	0.00000E+00	-9777.3	0.00000E+00	0.00000E+00	0.00000E+00
708	0	0	0.00000E+00	0.00000E+00	-11931.1	0.00000E+00	0.00000E+00	0.00000E+00
709	0	0	0.00000E+00	0.00000E+00	-9918.7	0.00000E+00	0.00000E+00	0.00000E+00
710	0	0	0.00000E+00	0.00000E+00	-11333.2	0.00000E+00	0.00000E+00	0.00000E+00
711	0	0	0.00000E+00	0.00000E+00	-10718.1	0.00000E+00	0.00000E+00	0.00000E+00
712	0	0	0.00000E+00	0.00000E+00	-11203.2	0.00000E+00	0.00000E+00	0.00000E+00
713	0	0	0.00000E+00	0.00000E+00	-10543.1	0.00000E+00	0.00000E+00	0.00000E+00
714	0	0	0.00000E+00	0.00000E+00	-10040.2	0.00000E+00	0.00000E+00	0.00000E+00
715	0	0	0.00000E+00	0.00000E+00	-11711.1	0.00000E+00	0.00000E+00	0.00000E+00
716	0	0	0.00000E+00	0.00000E+00	-9777.3	0.00000E+00	0.00000E+00	0.00000E+00
717	0	0	0.00000E+00	0.00000E+00	-11483.2	0.00000E+00	0.00000E+00	0.00000E+00
718	0	0	0.00000E+00	0.00000E+00	-9703.6	0.00000E+00	0.00000E+00	0.00000E+00
719	0	0	0.00000E+00	0.00000E+00	-9603.4	0.00000E+00	0.00000E+00	0.00000E+00
720	0	0	0.00000E+00	0.00000E+00	-9486.5	0.00000E+00	0.00000E+00	0.00000E+00
721	0	0	0.00000E+00	0.00000E+00	-9954.1	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-10555.2	0.00000E+00	0.00000E+00	0.00000E+00
723	0	0	0.00000E+00	0.00000E+00	-11608.1	0.00000E+00	0.00000E+00	0.00000E+00
724	0	0	0.00000E+00	0.00000E+00	-9453.1	0.00000E+00	0.00000E+00	0.00000E+00
725	0	0	0.00000E+00	0.00000E+00	-10405.2	0.00000E+00	0.00000E+00	0.00000E+00
726	0	0	0.00000E+00	0.00000E+00	-10472.1	0.00000E+00	0.00000E+00	0.00000E+00
727	0	0	0.00000E+00	0.00000E+00	-9453.1	0.00000E+00	0.00000E+00	0.00000E+00
728	0	0	0.00000E+00	0.00000E+00	-0.17906E+06	0.00000E+00	0.00000E+00	0.00000E+00
729	0	0	0.00000E+00	0.00000E+00	-0.17732E+06	0.00000E+00	0.00000E+00	0.00000E+00
730	0	0	0.00000E+00	0.00000E+00	-7.7529	0.00000E+00	0.00000E+00	0.00000E+00
731	0	0	0.00000E+00	0.00000E+00	-1.7891	0.00000E+00	0.00000E+00	0.00000E+00
757	0	0	0.00000E+00	0.00000E+00	-2408.4	0.00000E+00	0.00000E+00	0.00000E+00
758	0	0	0.00000E+00	0.00000E+00	-5433.6	0.00000E+00	0.00000E+00	0.00000E+00
759	0	0	0.00000E+00	0.00000E+00	-5231.2	0.00000E+00	0.00000E+00	0.00000E+00
760	0	0	0.00000E+00	0.00000E+00	-6377.0	0.00000E+00	0.00000E+00	0.00000E+00
761	0	0	0.00000E+00	0.00000E+00	-7783.8	0.00000E+00	0.00000E+00	0.00000E+00
762	0	0	0.00000E+00	0.00000E+00	-6463.4	0.00000E+00	0.00000E+00	0.00000E+00
763	0	0	0.00000E+00	0.00000E+00	-5933.4	0.00000E+00	0.00000E+00	0.00000E+00
764	0	0	0.00000E+00	0.00000E+00	-5000.2	0.00000E+00	0.00000E+00	0.00000E+00
765	0	0	0.00000E+00	0.00000E+00	-6929.2	0.00000E+00	0.00000E+00	0.00000E+00
766	0	0	0.00000E+00	0.00000E+00	-5073.1	0.00000E+00	0.00000E+00	0.00000E+00
767	0	0	0.00000E+00	0.00000E+00	-5787.6	0.00000E+00	0.00000E+00	0.00000E+00
768	0							

699	0	0	0.00000E+00	0.00000E+00	-52534.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
700	0	0	0.00000E+00	0.00000E+00	-97630.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
701	0	0	0.00000E+00	0.00000E+00	-34461.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
702	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
703	0	0	0.00000E+00	0.00000E+00	-8519.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
704	0	0	0.00000E+00	0.00000E+00	-9892.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
705	0	0	0.00000E+00	0.00000E+00	-8778.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
706	0	0	0.00000E+00	0.00000E+00	-6569.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
707	0	0	0.00000E+00	0.00000E+00	-7170.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
708	0	0	0.00000E+00	0.00000E+00	-7051.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
709	0	0	0.00000E+00	0.00000E+00	-6689.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
710	0	0	0.00000E+00	0.00000E+00	-7533.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
711	0	0	0.00000E+00	0.00000E+00	-6580.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
712	0	0	0.00000E+00	0.00000E+00	-7830.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
713	0	0	0.00000E+00	0.00000E+00	-6270.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
714	0	0	0.00000E+00	0.00000E+00	-7114.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
715	0	0	0.00000E+00	0.00000E+00	-7023.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
716	0	0	0.00000E+00	0.00000E+00	-6717.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
717	0	0	0.00000E+00	0.00000E+00	-7312.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
718	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
719	0	0	0.00000E+00	0.00000E+00	-6659.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
720	0	0	0.00000E+00	0.00000E+00	-5872.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
721	0	0	0.00000E+00	0.00000E+00	-6328.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-7127.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
723	0	0	0.00000E+00	0.00000E+00	-7331.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
724	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
725	0	0	0.00000E+00	0.00000E+00	-6928.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
726	0	0	0.00000E+00	0.00000E+00	-6651.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
727	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
728	0	0	0.00000E+00	0.00000E+00	-7062.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
729	0	0	0.00000E+00	0.00000E+00	-4355.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 171
LARGEST NODE OR ELEMENT NUMBER = 729

L O A D C A S E 589

verticale appoggi (Fz) - Point 589 - (Point 589) - Positive - Characteristic

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
787	0	0	0.00000E+00	0.00000E+00	-3080.1	0.00000E+00	0.00000E+00	0.00000E+00	
788	0	0	0.00000E+00	0.00000E+00	-6857.0	0.00000E+00	0.00000E+00	0.00000E+00	
789	0	0	0.00000E+00	0.00000E+00	-6722.5	0.00000E+00	0.00000E+00	0.00000E+00	
790	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
791	0	0	0.00000E+00	0.00000E+00	-6991.5	0.00000E+00	0.00000E+00	0.00000E+00	
792	0	0	0.00000E+00	0.00000E+00	-6588.0	0.00000E+00	0.00000E+00	0.00000E+00	
793	0	0	0.00000E+00	0.00000E+00	-8115.9	0.00000E+00	0.00000E+00	0.00000E+00	
794	0	0	0.00000E+00	0.00000E+00	-9892.3	0.00000E+00	0.00000E+00	0.00000E+00	
795	0	0	0.00000E+00	0.00000E+00	-7891.8	0.00000E+00	0.00000E+00	0.00000E+00	
796	0	0	0.00000E+00	0.00000E+00	-7260.5	0.00000E+00	0.00000E+00	0.00000E+00	
797	0	0	0.00000E+00	0.00000E+00	-6319.0	0.00000E+00	0.00000E+00	0.00000E+00	
798	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
799	0	0	0.00000E+00	0.00000E+00	-7394.9	0.00000E+00	0.00000E+00	0.00000E+00	
800	0	0	0.00000E+00	0.00000E+00	-6184.6	0.00000E+00	0.00000E+00	0.00000E+00	
801	0	0	0.00000E+00	0.00000E+00	-8250.4	0.00000E+00	0.00000E+00	0.00000E+00	
802	0	0	0.00000E+00	0.00000E+00	-9892.3	0.00000E+00	0.00000E+00	0.00000E+00	
803	0	0	0.00000E+00	0.00000E+00	-8002.0	0.00000E+00	0.00000E+00	0.00000E+00	
804	0	0	0.00000E+00	0.00000E+00	-7174.5	0.00000E+00	0.00000E+00	0.00000E+00	
805	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
806	0	0	0.00000E+00	0.00000E+00	-6539.5	0.00000E+00	0.00000E+00	0.00000E+00	
807	0	0	0.00000E+00	0.00000E+00	-7040.0	0.00000E+00	0.00000E+00	0.00000E+00	
808	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
809	0	0	0.00000E+00	0.00000E+00	-8384.9	0.00000E+00	0.00000E+00	0.00000E+00	
810	0	0	0.00000E+00	0.00000E+00	-9892.3	0.00000E+00	0.00000E+00	0.00000E+00	
811	0	0	0.00000E+00	0.00000E+00	-8271.0	0.00000E+00	0.00000E+00	0.00000E+00	
812	0	0	0.00000E+00	0.00000E+00	-6771.1	0.00000E+00	0.00000E+00	0.00000E+00	
813	0	0	0.00000E+00	0.00000E+00	-52534.	0.00000E+00	0.00000E+00	0.00000E+00	
814	0	0	0.00000E+00	0.00000E+00	-97630.	0.00000E+00	0.00000E+00	0.00000E+00	
815	0	0	0.00000E+00	0.00000E+00	-34461.	0.00000E+00	0.00000E+00	0.00000E+00	
816	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
817	0	0	0.00000E+00	0.00000E+00	-8519.4	0.00000E+00	0.00000E+00	0.00000E+00	
818	0	0	0.00000E+00	0.00000E+00	-9892.3	0.00000E+00	0.00000E+00	0.00000E+00	
819	0	0	0.00000E+00	0.00000E+00	-8778.6	0.00000E+00	0.00000E+00	0.00000E+00	
820	0	0	0.00000E+00	0.00000E+00	-6569.7	0.00000E+00	0.00000E+00	0.00000E+00	
821	0	0	0.00000E+00	0.00000E+00	-7170.9	0.00000E+00	0.00000E+00	0.00000E+00	
822	0	0	0.00000E+00	0.00000E+00	-7051.4	0.00000E+00	0.00000E+00	0.00000E+00	
823	0	0	0.00000E+00	0.00000E+00	-6689.2	0.00000E+00	0.00000E+00	0.00000E+00	
824	0	0	0.00000E+00	0.00000E+00	-7533.1	0.00000E+00	0.00000E+00	0.00000E+00	
825	0	0	0.00000E+00	0.00000E+00	-6580.2	0.00000E+00	0.00000E+00	0.00000E+00	
826	0	0	0.00000E+00	0.00000E+00	-7830.2	0.00000E+00	0.00000E+00	0.00000E+00	
827	0	0	0.00000E+00	0.00000E+00	-6270.6	0.00000E+00	0.00000E+00	0.00000E+00	
828	0	0	0.00000E+00	0.00000E+00	-7114.8	0.00000E+00	0.00000E+00	0.00000E+00	
829	0	0	0.00000E+00	0.00000E+00	-7023.2	0.00000E+00	0.00000E+00	0.00000E+00	
830	0	0	0.00000E+00	0.00000E+00	-6717.3	0.00000E+00	0.00000E+00	0.00000E+00	
831	0	0	0.00000E+00	0.00000E+00	-7312.1	0.00000E+00	0.00000E+00	0.00000E+00	
832	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
833	0	0	0.00000E+00	0.00000E+00	-6659.0	0.00000E+00	0.00000E+00	0.00000E+00	
834	0	0	0.00000E+00	0.00000E+00	-5872.6	0.00000E+00	0.00000E+00	0.00000E+00	
835	0	0	0.00000E+00	0.00000E+00	-6328.4	0.00000E+00	0.00000E+00	0.00000E+00	
836	0	0	0.00000E+00	0.00000E+00	-7127.8	0.00000E+00	0.00000E+00	0.00000E+00	
837	0	0	0.00000E+00	0.00000E+00	-7331.4	0.00000E+00	0.00000E+00	0.00000E+00	
838	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
839	0	0	0.00000E+00	0.00000E+00	-6928.0	0.00000E+00	0.00000E+00	0.00000E+00	
840	0	0	0.00000E+00	0.00000E+00	-6651.5	0.00000E+00	0.00000E+00	0.00000E+00	
841	0	0	0.00000E+00	0.00000E+00	-6160.3	0.00000E+00	0.00000E+00	0.00000E+00	
842	0	0	0.00000E+00	0.00000E+00	-7062.5	0.00000E+00	0.00000E+00	0.00000E+00	
843	0	0	0.00000E+00	0.00000E+00	-4355.9	0.00000E+00	0.00000E+00	0.00000E+00	
844	0	0	0.00000E+00	0.00000E+00	-9529.2	0.00000E+00	0.00000E+00	0.00000E+00	
845	0	0	0.00000E+00	0.00000E+00	-21214.	0.00000E+00	0.00000E+00	0.00000E+00	
846	0	0	0.00000E+00	0.00000E+00	-20798.	0.00000E+00	0.00000E+00	0.00000E+00	
847	0	0	0.00000E+00	0.00000E+00	-19058.	0.00000E+00	0.00000E+00	0.00000E+00	
848	0	0	0.00000E+00	0.00000E+00	-21630.	0.00000E+00	0.00000E+00	0.00000E+00	
849	0	0	0.00000E+00	0.00000E+00	-20382.	0.00000E+00	0.00000E+00	0.00000E+00	
850	0	0	0.00000E+00	0.00000E+00	-25109.	0.00000E+00	0.00000E+00	0.00000E+00	
851	0	0	0.00000E+00	0.00000E+00	-30604.	0.00000E+00	0.00000E+00	0.00000E+00	
852	0	0	0.00000E+00						

934	0	0	0.00000E+00	0.00000E+00	-3585.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
935	0	0	0.00000E+00	0.00000E+00	-3914.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-3848.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
937	0	0	0.00000E+00	0.00000E+00	-3651.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
938	0	0	0.00000E+00	0.00000E+00	-4111.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-3591.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
940	0	0	0.00000E+00	0.00000E+00	-4274.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
941	0	0	0.00000E+00	0.00000E+00	-3422.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
942	0	0	0.00000E+00	0.00000E+00	-3893.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
943	0	0	0.00000E+00	0.00000E+00	-3833.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
944	0	0	0.00000E+00	0.00000E+00	-3666.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
945	0	0	0.00000E+00	0.00000E+00	-3991.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
946	0	0	0.00000E+00	0.00000E+00	-3362.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
947	0	0	0.00000E+00	0.00000E+00	-3634.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
948	0	0	0.00000E+00	0.00000E+00	-3205.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
949	0	0	0.00000E+00	0.00000E+00	-3454.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
950	0	0	0.00000E+00	0.00000E+00	-3890.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
951	0	0	0.00000E+00	0.00000E+00	-4001.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
952	0	0	0.00000E+00	0.00000E+00	-3362.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
953	0	0	0.00000E+00	0.00000E+00	-3781.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
954	0	0	0.00000E+00	0.00000E+00	-3630.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
955	0	0	0.00000E+00	0.00000E+00	-3362.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
956	0	0	0.00000E+00	0.00000E+00	-3854.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
957	0	0	0.00000E+00	0.00000E+00	-2377.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 171
 LARGEST NODE OR ELEMENT NUMBER = 957

L O A D C A S E 596

verticale appoggi (Fz) - Point 590 - (Point 590) - Positive - Combination

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
586	0	0	0.00000E+00	0.00000E+00	-1176.7	0.00000E+00	0.00000E+00	0.00000E+00	
587	0	0	0.00000E+00	0.00000E+00	-3341.7	0.00000E+00	0.00000E+00	0.00000E+00	
588	0	0	0.00000E+00	0.00000E+00	-4000.6	0.00000E+00	0.00000E+00	0.00000E+00	
589	0	0	0.00000E+00	0.00000E+00	-4314.4	0.00000E+00	0.00000E+00	0.00000E+00	
590	0	0	0.00000E+00	0.00000E+00	-5396.9	0.00000E+00	0.00000E+00	0.00000E+00	
591	0	0	0.00000E+00	0.00000E+00	-4472.2	0.00000E+00	0.00000E+00	0.00000E+00	
592	0	0	0.00000E+00	0.00000E+00	-4075.4	0.00000E+00	0.00000E+00	0.00000E+00	
593	0	0	0.00000E+00	0.00000E+00	-3654.6	0.00000E+00	0.00000E+00	0.00000E+00	
594	0	0	0.00000E+00	0.00000E+00	-3898.2	0.00000E+00	0.00000E+00	0.00000E+00	
595	0	0	0.00000E+00	0.00000E+00	-3831.8	0.00000E+00	0.00000E+00	0.00000E+00	
596	0	0	0.00000E+00	0.00000E+00	-3721.0	0.00000E+00	0.00000E+00	0.00000E+00	
597	0	0	0.00000E+00	0.00000E+00	-55658.	0.00000E+00	0.00000E+00	0.00000E+00	
598	0	0	0.00000E+00	0.00000E+00	-95553.	0.00000E+00	0.00000E+00	0.00000E+00	
599	0	0	0.00000E+00	0.00000E+00	-15244.	0.00000E+00	0.00000E+00	0.00000E+00	
600	0	0	0.00000E+00	0.00000E+00	-3427.7	0.00000E+00	0.00000E+00	0.00000E+00	
601	0	0	0.00000E+00	0.00000E+00	-4186.1	0.00000E+00	0.00000E+00	0.00000E+00	
602	0	0	0.00000E+00	0.00000E+00	-3543.8	0.00000E+00	0.00000E+00	0.00000E+00	
603	0	0	0.00000E+00	0.00000E+00	-3862.2	0.00000E+00	0.00000E+00	0.00000E+00	
604	0	0	0.00000E+00	0.00000E+00	-3624.1	0.00000E+00	0.00000E+00	0.00000E+00	
605	0	0	0.00000E+00	0.00000E+00	-3341.7	0.00000E+00	0.00000E+00	0.00000E+00	
606	0	0	0.00000E+00	0.00000E+00	-3310.3	0.00000E+00	0.00000E+00	0.00000E+00	
607	0	0	0.00000E+00	0.00000E+00	-3598.0	0.00000E+00	0.00000E+00	0.00000E+00	
608	0	0	0.00000E+00	0.00000E+00	-3681.6	0.00000E+00	0.00000E+00	0.00000E+00	
609	0	0	0.00000E+00	0.00000E+00	-4188.9	0.00000E+00	0.00000E+00	0.00000E+00	
610	0	0	0.00000E+00	0.00000E+00	-3341.7	0.00000E+00	0.00000E+00	0.00000E+00	
611	0	0	0.00000E+00	0.00000E+00	-3624.1	0.00000E+00	0.00000E+00	0.00000E+00	
612	0	0	0.00000E+00	0.00000E+00	-3705.3	0.00000E+00	0.00000E+00	0.00000E+00	
613	0	0	0.00000E+00	0.00000E+00	-3341.7	0.00000E+00	0.00000E+00	0.00000E+00	
614	0	0	0.00000E+00	0.00000E+00	-3812.4	0.00000E+00	0.00000E+00	0.00000E+00	
615	0	0	0.00000E+00	0.00000E+00	-2400.4	0.00000E+00	0.00000E+00	0.00000E+00	
643	0	0	0.00000E+00	0.00000E+00	-2667.7	0.00000E+00	0.00000E+00	0.00000E+00	
644	0	0	0.00000E+00	0.00000E+00	-7576.2	0.00000E+00	0.00000E+00	0.00000E+00	
645	0	0	0.00000E+00	0.00000E+00	-9070.1	0.00000E+00	0.00000E+00	0.00000E+00	
646	0	0	0.00000E+00	0.00000E+00	-9781.5	0.00000E+00	0.00000E+00	0.00000E+00	
647	0	0	0.00000E+00	0.00000E+00	-12236.	0.00000E+00	0.00000E+00	0.00000E+00	
648	0	0	0.00000E+00	0.00000E+00	-10139.	0.00000E+00	0.00000E+00	0.00000E+00	
649	0	0	0.00000E+00	0.00000E+00	-9239.6	0.00000E+00	0.00000E+00	0.00000E+00	
650	0	0	0.00000E+00	0.00000E+00	-8285.5	0.00000E+00	0.00000E+00	0.00000E+00	
651	0	0	0.00000E+00	0.00000E+00	-8937.9	0.00000E+00	0.00000E+00	0.00000E+00	
652	0	0	0.00000E+00	0.00000E+00	-8687.3	0.00000E+00	0.00000E+00	0.00000E+00	
653	0	0	0.00000E+00	0.00000E+00	-8436.2	0.00000E+00	0.00000E+00	0.00000E+00	
654	0	0	0.00000E+00	0.00000E+00	-66500.	0.00000E+00	0.00000E+00	0.00000E+00	
655	0	0	0.00000E+00	0.00000E+00	-0.11029E+06	0.00000E+00	0.00000E+00	0.00000E+00	
656	0	0	0.00000E+00	0.00000E+00	-21537.	0.00000E+00	0.00000E+00	0.00000E+00	
657	0	0	0.00000E+00	0.00000E+00	-7771.2	0.00000E+00	0.00000E+00	0.00000E+00	
658	0	0	0.00000E+00	0.00000E+00	-9490.7	0.00000E+00	0.00000E+00	0.00000E+00	
659	0	0	0.00000E+00	0.00000E+00	-8034.5	0.00000E+00	0.00000E+00	0.00000E+00	
660	0	0	0.00000E+00	0.00000E+00	-8756.3	0.00000E+00	0.00000E+00	0.00000E+00	
661	0	0	0.00000E+00	0.00000E+00	-8216.5	0.00000E+00	0.00000E+00	0.00000E+00	
662	0	0	0.00000E+00	0.00000E+00	-7576.2	0.00000E+00	0.00000E+00	0.00000E+00	
663	0	0	0.00000E+00	0.00000E+00	-7505.1	0.00000E+00	0.00000E+00	0.00000E+00	
664	0	0	0.00000E+00	0.00000E+00	-8157.2	0.00000E+00	0.00000E+00	0.00000E+00	
665	0	0	0.00000E+00	0.00000E+00	-8346.9	0.00000E+00	0.00000E+00	0.00000E+00	
666	0	0	0.00000E+00	0.00000E+00	-9497.0	0.00000E+00	0.00000E+00	0.00000E+00	
667	0	0	0.00000E+00	0.00000E+00	-7576.2	0.00000E+00	0.00000E+00	0.00000E+00	
668	0	0	0.00000E+00	0.00000E+00	-8216.5	0.00000E+00	0.00000E+00	0.00000E+00	
669	0	0	0.00000E+00	0.00000E+00	-8536.6	0.00000E+00	0.00000E+00	0.00000E+00	
670	0	0	0.00000E+00	0.00000E+00	-7576.2	0.00000E+00	0.00000E+00	0.00000E+00	
671	0	0	0.00000E+00	0.00000E+00	-8643.3	0.00000E+00	0.00000E+00	0.00000E+00	
672	0	0	0.00000E+00	0.00000E+00	-5442.1	0.00000E+00	0.00000E+00	0.00000E+00	
700	0	0	0.00000E+00	0.00000E+00	-1328.0	0.00000E+00	0.00000E+00	0.00000E+00	
701	0	0	0.00000E+00	0.00000E+00	-3771.6	0.00000E+00	0.00000E+00	0.00000E+00	
702	0	0	0.00000E+00	0.00000E+00	-4515.3	0.00000E+00	0.00000E+00	0.00000E+00	
703	0	0	0.00000E+00	0.00000E+00	-4869.4	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-6091.2	0.00000E+00	0.00000E+00	0.00000E+00	
705	0	0	0.00000E+00	0.00000E+00	-5047.5	0.00000E+00	0.00000E+00	0.00000E+00	
706	0	0	0.00000E+00	0.00000E+00	-4599.6	0.00000E+00	0.00000E+00	0.00000E+00	
707	0	0	0.00000E+00	0.00000E+00	-4124.7	0.00000E+00	0.00000E+00	0.00000E+00	
708	0	0	0.00000E+00	0.00000E+00	-4399.7	0.00000E+00	0.00000E+00	0.00000E+00	
709	0	0	0.00000E+00	0.00000E+00	-4324.7	0.00000E+00	0.00000E+00	0.00000E+00	
710	0	0	0.00000E+00	0.00000E+00	-4199.7	0.00000E+00	0.00000E+00	0.00000E+00	
711	0	0	0.00000E+00	0.00000E+00	-87828.	0.00000E+00	0.00000E+00	0.00000E+00	
712	0	0	0.00000E+00	0.00000E+00	-0.15241E+06	0.00000E+00	0.00000E+00	0.00000E	

933	0	0	0.00000E+00	0.00000E+00	-4472.2	0.00000E+00	0.00000E+00	0.00000E+00
934	0	0	0.00000E+00	0.00000E+00	-4075.4	0.00000E+00	0.00000E+00	0.00000E+00
935	0	0	0.00000E+00	0.00000E+00	-3654.6	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-3898.2	0.00000E+00	0.00000E+00	0.00000E+00
937	0	0	0.00000E+00	0.00000E+00	-3831.8	0.00000E+00	0.00000E+00	0.00000E+00
938	0	0	0.00000E+00	0.00000E+00	-3721.0	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-55658.	0.00000E+00	0.00000E+00	0.00000E+00
940	0	0	0.00000E+00	0.00000E+00	-95553.	0.00000E+00	0.00000E+00	0.00000E+00
941	0	0	0.00000E+00	0.00000E+00	-15244.4	0.00000E+00	0.00000E+00	0.00000E+00
942	0	0	0.00000E+00	0.00000E+00	-3427.7	0.00000E+00	0.00000E+00	0.00000E+00
943	0	0	0.00000E+00	0.00000E+00	-4186.1	0.00000E+00	0.00000E+00	0.00000E+00
944	0	0	0.00000E+00	0.00000E+00	-3543.8	0.00000E+00	0.00000E+00	0.00000E+00
945	0	0	0.00000E+00	0.00000E+00	-3862.2	0.00000E+00	0.00000E+00	0.00000E+00
946	0	0	0.00000E+00	0.00000E+00	-3624.1	0.00000E+00	0.00000E+00	0.00000E+00
947	0	0	0.00000E+00	0.00000E+00	-3341.7	0.00000E+00	0.00000E+00	0.00000E+00
948	0	0	0.00000E+00	0.00000E+00	-3310.3	0.00000E+00	0.00000E+00	0.00000E+00
949	0	0	0.00000E+00	0.00000E+00	-3598.0	0.00000E+00	0.00000E+00	0.00000E+00
950	0	0	0.00000E+00	0.00000E+00	-3681.6	0.00000E+00	0.00000E+00	0.00000E+00
951	0	0	0.00000E+00	0.00000E+00	-4188.9	0.00000E+00	0.00000E+00	0.00000E+00
952	0	0	0.00000E+00	0.00000E+00	-3341.7	0.00000E+00	0.00000E+00	0.00000E+00
953	0	0	0.00000E+00	0.00000E+00	-3624.1	0.00000E+00	0.00000E+00	0.00000E+00
954	0	0	0.00000E+00	0.00000E+00	-3765.3	0.00000E+00	0.00000E+00	0.00000E+00
955	0	0	0.00000E+00	0.00000E+00	-3341.7	0.00000E+00	0.00000E+00	0.00000E+00
956	0	0	0.00000E+00	0.00000E+00	-3812.4	0.00000E+00	0.00000E+00	0.00000E+00
957	0	0	0.00000E+00	0.00000E+00	-2400.4	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 264
LARGEST NODE OR ELEMENT NUMBER = 957

L O A D C A S E 598

verticale appoggi (Fz) - Point 592 - (Point 592) - Positive - Combination

FIRST NODE	CONCENTRATED LOAD		FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
	LAST NODE	DIFF RNCE						
559	0	0	0.00000E+00	0.00000E+00	-1670.4	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-3790.6	0.00000E+00	0.00000E+00	0.00000E+00
561	0	0	0.00000E+00	0.00000E+00	-3597.9	0.00000E+00	0.00000E+00	0.00000E+00
562	0	0	0.00000E+00	0.00000E+00	-3340.9	0.00000E+00	0.00000E+00	0.00000E+00
563	0	0	0.00000E+00	0.00000E+00	-3983.3	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-3405.1	0.00000E+00	0.00000E+00	0.00000E+00
565	0	0	0.00000E+00	0.00000E+00	-4497.3	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-5396.8	0.00000E+00	0.00000E+00	0.00000E+00
567	0	0	0.00000E+00	0.00000E+00	-4497.3	0.00000E+00	0.00000E+00	0.00000E+00
568	0	0	0.00000E+00	0.00000E+00	-3726.4	0.00000E+00	0.00000E+00	0.00000E+00
569	0	0	0.00000E+00	0.00000E+00	-3340.9	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-3854.8	0.00000E+00	0.00000E+00	0.00000E+00
571	0	0	0.00000E+00	0.00000E+00	-3533.6	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-3340.9	0.00000E+00	0.00000E+00	0.00000E+00
573	0	0	0.00000E+00	0.00000E+00	-4754.3	0.00000E+00	0.00000E+00	0.00000E+00
574	0	0	0.00000E+00	0.00000E+00	-55670.	0.00000E+00	0.00000E+00	0.00000E+00
575	0	0	0.00000E+00	0.00000E+00	-0.10904E+06	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-3340.9	0.00000E+00	0.00000E+00	0.00000E+00
577	0	0	0.00000E+00	0.00000E+00	-3726.4	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-3662.1	0.00000E+00	0.00000E+00	0.00000E+00
579	0	0	0.00000E+00	0.00000E+00	-3340.9	0.00000E+00	0.00000E+00	0.00000E+00
580	0	0	0.00000E+00	0.00000E+00	-3919.1	0.00000E+00	0.00000E+00	0.00000E+00
581	0	0	0.00000E+00	0.00000E+00	-4368.8	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-5396.8	0.00000E+00	0.00000E+00	0.00000E+00
583	0	0	0.00000E+00	0.00000E+00	-4433.1	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-3597.9	0.00000E+00	0.00000E+00	0.00000E+00
585	0	0	0.00000E+00	0.00000E+00	-3790.6	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-1670.4	0.00000E+00	0.00000E+00	0.00000E+00
616	0	0	0.00000E+00	0.00000E+00	-3787.2	0.00000E+00	0.00000E+00	0.00000E+00
617	0	0	0.00000E+00	0.00000E+00	-8594.0	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-8157.0	0.00000E+00	0.00000E+00	0.00000E+00
619	0	0	0.00000E+00	0.00000E+00	-7574.3	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-9030.9	0.00000E+00	0.00000E+00	0.00000E+00
621	0	0	0.00000E+00	0.00000E+00	-7720.0	0.00000E+00	0.00000E+00	0.00000E+00
622	0	0	0.00000E+00	0.00000E+00	-10196.	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-12235.	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-10196.	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-8448.3	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-7574.3	0.00000E+00	0.00000E+00	0.00000E+00
627	0	0	0.00000E+00	0.00000E+00	-8739.6	0.00000E+00	0.00000E+00	0.00000E+00
628	0	0	0.00000E+00	0.00000E+00	-8011.3	0.00000E+00	0.00000E+00	0.00000E+00
629	0	0	0.00000E+00	0.00000E+00	-7574.3	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-10779.	0.00000E+00	0.00000E+00	0.00000E+00
631	0	0	0.00000E+00	0.00000E+00	-68021.	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-0.12635E+06	0.00000E+00	0.00000E+00	0.00000E+00
633	0	0	0.00000E+00	0.00000E+00	-7574.3	0.00000E+00	0.00000E+00	0.00000E+00
634	0	0	0.00000E+00	0.00000E+00	-8448.3	0.00000E+00	0.00000E+00	0.00000E+00
635	0	0	0.00000E+00	0.00000E+00	-8302.6	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-7574.3	0.00000E+00	0.00000E+00	0.00000E+00
637	0	0	0.00000E+00	0.00000E+00	-8895.3	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-9904.9	0.00000E+00	0.00000E+00	0.00000E+00
639	0	0	0.00000E+00	0.00000E+00	-12235.	0.00000E+00	0.00000E+00	0.00000E+00
640	0	0	0.00000E+00	0.00000E+00	-10051.	0.00000E+00	0.00000E+00	0.00000E+00
641	0	0	0.00000E+00	0.00000E+00	-8157.0	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-8594.0	0.00000E+00	0.00000E+00	0.00000E+00
643	0	0	0.00000E+00	0.00000E+00	-3787.2	0.00000E+00	0.00000E+00	0.00000E+00
673	0	0	0.00000E+00	0.00000E+00	-1885.3	0.00000E+00	0.00000E+00	0.00000E+00
674	0	0	0.00000E+00	0.00000E+00	-4278.2	0.00000E+00	0.00000E+00	0.00000E+00
675	0	0	0.00000E+00	0.00000E+00	-4060.7	0.00000E+00	0.00000E+00	0.00000E+00
676	0	0	0.00000E+00	0.00000E+00	-3770.6	0.00000E+00	0.00000E+00	0.00000E+00
677	0	0	0.00000E+00	0.00000E+00	-4495.8	0.00000E+00	0.00000E+00	0.00000E+00
678	0	0	0.00000E+00	0.00000E+00	-3843.2	0.00000E+00	0.00000E+00	0.00000E+00
679	0	0	0.00000E+00	0.00000E+00	-5075.9	0.00000E+00	0.00000E+00	0.00000E+00
680	0	0	0.00000E+00	0.00000E+00	-6091.0	0.00000E+00	0.00000E+00	0.00000E+00
681	0	0	0.00000E+00	0.00000E+00	-5075.9	0.00000E+00	0.00000E+00	0.00000E+00
682	0	0	0.00000E+00	0.00000E+00	-4205.7	0.00000E+00	0.00000E+00	0.00000E+00
683	0	0	0.00000E+00	0.00000E+00	-3770.6	0.00000E+00	0.00000E+00	0.00000E+00
684	0	0	0.00000E+00	0.00000E+00	-4350.7	0.00000E+00	0.00000E+00	0.00000E+00
685	0	0	0.00000E+00	0.00000E+00	-3988.2	0.00000E+00	0.00000E+00	0.00000E+00
686	0	0	0.00000E+00	0.00000E+00	-3770.6	0.00000E+00	0.00000E+00	0.00000E+00
687	0	0	0.00000E+00	0.00000E+00	-5365.9	0.00000E+00	0.00000E+00	0.00000E+00
688	0	0	0.00000E+00	0.00000E+00	-0.10296E+06	0.00000E+00	0.00000E+00	0.00000E+00
689	0	0	0.00000E+00	0.00000E+00	-0.15797E+06	0.00000E+00	0.00000E+00	0.00000E+00
690	0	0	0.00000E+00	0.00000E+00	-3770.6	0.00000E+00	0.00000E+00	0.00000E+00
691	0	0	0.00000E+00	0.00000E+00	-4205.7	0.00000E+00	0.00000E+00	0.00000E+00
692	0	0	0.00000E+00	0.00000E+00	-4133.2	0.00000E+00	0.00000E+00	0.00000E+00
693	0	0	0.00000E+00	0.00000E+00	-3770.6	0.00000E+00	0.00000E+00	0.00000E+00
694	0	0	0.00000E+00	0.00000E+00	-4423			

918	0	0	0.00000E+00	0.00000E+00	-3340.9	0.00000E+00	0.00000E+00	0.00000E+00
919	0	0	0.00000E+00	0.00000E+00	-3726.4	0.00000E+00	0.00000E+00	0.00000E+00
920	0	0	0.00000E+00	0.00000E+00	-3662.1	0.00000E+00	0.00000E+00	0.00000E+00
921	0	0	0.00000E+00	0.00000E+00	-3340.9	0.00000E+00	0.00000E+00	0.00000E+00
922	0	0	0.00000E+00	0.00000E+00	-3919.1	0.00000E+00	0.00000E+00	0.00000E+00
923	0	0	0.00000E+00	0.00000E+00	-4368.8	0.00000E+00	0.00000E+00	0.00000E+00
924	0	0	0.00000E+00	0.00000E+00	-5396.8	0.00000E+00	0.00000E+00	0.00000E+00
925	0	0	0.00000E+00	0.00000E+00	-4433.1	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-3597.9	0.00000E+00	0.00000E+00	0.00000E+00
927	0	0	0.00000E+00	0.00000E+00	-3790.6	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-1670.4	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 256
 LARGEST NODE OR ELEMENT NUMBER = 928

DATA STORAGE LOCATIONS USED = 109166

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST ELT	LAST ELT	DIFF RNCE	OUTPUT CONTROL	AVERAGED NODAL VALUES GROUP	NODAL FORCE OUTPUT GROUP	HISTORY CONTROL	PLOT FILE CONTROL
1	1091	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
 TOTAL NUMBER OF ELEMENTS OUTPUT = 1091
 LARGEST ELEMENT NUMBER INPUT = 1091
 LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL
1	1680	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 1
 TOTAL NUMBER OF NODES OUTPUT = 0
 LARGEST NODE NUMBER INPUT = 1680
 LARGEST NODE OUTPUT CONTROL NUMBER = 0
 LARGEST NODE HISTORY CONTROL NUMBER = 0
 DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1091
 TOTAL NUMBER OF CONSTRAINTS = 0
 TOTAL NUMBER OF NODES = 1680
 TOTAL NUMBER OF SUPPORT NODES = 9
 TOTAL NUMBER OF LOADING CASES = 46
 LOCATIONS USED DURING DATA PROCESSING = 78789928
 LOCATIONS AVAILABLE = 98304000
 TIME USED TO PROCESS INPUT DATA = 1.5780 SEC.
 TIME AT CENTRAL PROCESSOR = 10:12:23 ON 28/05/21 (DAY/MTH/YR)
 INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1987
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

WARNING NODES 75 AND 123 FOR ELEMENT NUMBER 84 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 85 AND 124 FOR ELEMENT NUMBER 85 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 97 AND 125 FOR ELEMENT NUMBER 86 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)
 WARNING NODES 107 AND 126 FOR ELEMENT NUMBER 87 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2000 (BMTJNT PROCESSOR)

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

MATERIAL SET	LENGTH M	GEOMETRIC SUMMARY AREA sq M	VOLUME cu M	ELEMENT MASS KG	X-COORD M	CENTRE OF GRAVITY Y-COORD M	Z-COORD M
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	57.3134	0.000000E+00	444.116	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	8.80000	731.250	408.733	0.102183E+07	40.3383	5.62500	-3.20199
9	4.00000	0.000000E+00	971.040	0.242760E+07	40.5000	11.8456	-7.00000
1	25.6000	0.000000E+00	488.189	0.124411E+07	47.8938	11.8363	-3.88972
16	0.000000E+00	0.000000E+00	0.000000E+00	0.154578E+07	85.5250	11.8362	-3.15000
5	48.0900	0.000000E+00	20.1130	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.000000E+00	0.000000E+00	0.000000E+00	0.124098E+07	-4.52500	11.8550	-2.45000
12	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.400000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	54.3600	0.000000E+00	0.884981	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	299.550	0.000000E+00	24.8142	194791.	40.4098	5.62500	-0.205657
14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
6	0.000000E+00	22.5000	6.75000	16875.0	33.0000	5.62500	0.000000E+00
8	0.000000E+00	135.000	40.5000	101250.	40.0000	5.62500	0.000000E+00
7	0.000000E+00	22.5000	6.75000	16875.0	47.0000	5.62500	0.000000E+00
TOTALS FOR STRUCTURE	498.513	911.250	2411.89	0.781010E+07	43.4029	10.7672	-4.23221

MATERIAL SET	Ixx KG M **2	Iyy KG M **2	Izz KG M **2	Ixy KG M **2	Iyz KG M **2	Ixz KG M **2
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	0.624634E+08	0.207083E+10	0.208529E+10	-0.231857E+09	0.184044E+08	0.130886E+09
9	0.463208E+09	0.846868E+10	0.868675E+10	-0.116367E+10	0.201279E+09	0.760276E+09
1	0.244438E+09	0.491713E+10	0.511728E+10	-0.705265E+09	0.572784E+08	0.251181E+09
16	0.231897E+09	0.113220E+11	0.115232E+11	-0.156479E+10	0.576332E+08	0.416440E+09
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.181858E+09	0.328588E+08	0.199818E+09	0.665710E+08	0.360440E+08	-0.137578E+08

12	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	0.805250E+07	0.420141E+09	0.428105E+09	-0.442770E+08	225338.	0.161495E+07
14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
6	718564.	0.183938E+08	0.191123E+08	-0.313242E+07	0.000000E+00	0.000000E+00
8	0.431138E+07	0.163257E+09	0.167569E+09	-0.227813E+08	0.000000E+00	0.000000E+00
7	718564.	0.372937E+08	0.380123E+08	-0.446133E+07	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.119766E+10	0.274506E+11	0.282652E+11	-0.367366E+10	0.370864E+09	0.154664E+10

MATERIAL SET	MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS					
	Ixx KG M **2	Iyy KG M **2	Izz KG M **2	Ixy KG M **2	Iyz KG M **2	Ixz KG M **2
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	0.196554E+08	0.397647E+09	0.390249E+09	-0.476837E-06	0.335276E-07	-0.109678E+07
9	0.361734E+07	0.436786E+10	0.436424E+10	964971.	-15931.1	0.720512E+08
1	0.513198E+08	0.204455E+10	0.208922E+10	0.107288E-05	0.819564E-07	0.194120E+08
16	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
15	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
12	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
13	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	0.188095E+07	0.102048E+09	0.103858E+09	-0.149012E-07	0.232831E-09	-3870.89
14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
6	184628.	16875.0	201503.	-0.465661E-09	0.000000E+00	0.000000E+00
8	0.110777E+07	0.125750E+07	0.236527E+07	0.149012E-07	0.000000E+00	0.000000E+00
7	184628.	16875.0	201503.	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.152325E+09	0.125979E+11	0.126469E+11	-0.237792E+08	0.149648E+08	0.111999E+09

MATERIAL SET	PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES					
	I 11 KG M **2	I 22 KG M **2	I 33 KG M **2	PRINCIPAL DIRECTIONS		
11	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
10	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
3	0.397647E+09	0.390252E+09	0.196521E+08	(-0.00, 1.00, -0.00)	(-0.00, 0.00, 1.00)	(1.00, 0.00, 0.00)
9	0.436786E+10	0.436543E+10	0.242694E+07	(0.00, 1.00, 0.00)	(0.02, -0.00, 1.00)	(1.00, -0.00, -0.02)
1	0.208941E+10	0.204455E+10	0.511339E+08	(0.01, 0.00, 1.00)	(0.00, 1.00, -0.00)	(1.00, -0.00, -0.01)
16	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
5	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
15	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
12	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
13	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
4	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
2	0.103858E+09	0.102048E+09	0.188095E+07	(-0.00, 0.00, 1.00)	(0.00, 1.00, 0.00)	(1.00, 0.00, 0.00)
14	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)	(0.00, 0.00, 1.00)
6	201503.	184628.	16875.0	(0.00, 0.00, 1.00)	(1.00, -0.00, 0.00)	(0.00, 1.00, 0.00)
8	0.236527E+07	0.125750E+07	0.110777E+07	(0.00, 0.00, 1.00)	(0.00, 1.00, 0.00)	(1.00, -0.00, 0.00)
7	201503.	184628.	16875.0	(0.00, 0.00, 1.00)	(1.00, 0.00, 0.00)	(0.00, 1.00, 0.00)
TOTALS FOR STRUCTURE	0.126520E+11	0.125939E+11	0.151276E+09	(0.01, 0.26, 0.96)	(-0.00, 0.96, -0.26)	(1.00, 0.00, -0.01)

FORCE OUTPUT GROUP	RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS					
	Fx N	Fy N	Fz N	Mx N .M	My N .M	Mz N .M
LOAD CASE 554						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.297787E+07	-0.209075E+08	0.635637E+08	0.000000E+00
LOAD CASE 555						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.380313E+07	-0.312000E+08	0.153727E+09	0.000000E+00
LOAD CASE 556						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.300300E+07	-0.126128E+08	0.178991E+09	0.000000E+00
LOAD CASE 557						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.161115E+07	-0.112505E+08	0.296500E+08	0.000000E+00
LOAD CASE 558						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.187125E+07	-0.152100E+08	0.754383E+08	0.000000E+00
LOAD CASE 559						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.162120E+07	-0.688264E+07	0.101354E+09	0.000000E+00
LOAD CASE 560						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.297788E+07	-0.125936E+08	0.635637E+08	0.000000E+00
LOAD CASE 561						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.380312E+07	-0.115852E+08	0.153727E+09	0.000000E+00
LOAD CASE 562						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.300300E+07	-0.211709E+08	0.178991E+09	0.000000E+00
LOAD CASE 563						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.161115E+07	-0.687493E+07	0.296500E+08	0.000000E+00
LOAD CASE 564						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.187125E+07	-0.584156E+07	0.754383E+08	0.000000E+00
LOAD CASE 565						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.162120E+07	-0.113559E+08	0.101354E+09	0.000000E+00
LOAD CASE 566						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.296597E+07	-0.165392E+08	0.362601E+08	0.000000E+00
LOAD CASE 567						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.476484E+07	-0.327495E+08	0.192642E+09	0.000000E+00
LOAD CASE 568						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.300984E+07	-0.167787E+08	0.206142E+09	0.000000E+00
LOAD CASE 569						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.160639E+07	-0.903070E+07	0.147560E+08	0.000000E+00
LOAD CASE 570						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.232594E+07	-0.156723E+08	0.937937E+08	0.000000E+00
LOAD CASE 571						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.162394E+07	-0.912649E+07	0.116204E+09	0.000000E+00
LOAD CASE 572						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.299887E+07	-0.201670E+08	0.178402E+09	0.000000E+00

LOAD CASE	573					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.295500E+07	-0.198544E+08	0.628200E+08	0.000000E+00
LOAD CASE	574					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.161955E+07	-0.106393E+08	0.955527E+08	0.000000E+00
LOAD CASE	575					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.160200E+07	-0.105142E+08	0.348300E+08	0.000000E+00
LOAD CASE	576					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.460500E+07	-0.336056E+08	0.186498E+09	0.000000E+00
LOAD CASE	577					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.460500E+07	-0.182006E+08	0.186498E+09	0.000000E+00
LOAD CASE	578					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.296472E+07	-0.123743E+08	0.394066E+08	0.000000E+00
LOAD CASE	579					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.296472E+07	-0.209788E+08	0.394066E+08	0.000000E+00
LOAD CASE	580					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.300609E+07	-0.125276E+08	0.202747E+09	0.000000E+00
LOAD CASE	581					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.300609E+07	-0.212909E+08	0.202747E+09	0.000000E+00
LOAD CASE	582					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.226200E+07	-0.163822E+08	0.914587E+08	0.000000E+00
LOAD CASE	583					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.226200E+07	-0.906525E+07	0.914587E+08	0.000000E+00
LOAD CASE	584					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.160589E+07	-0.673472E+07	0.160147E+08	0.000000E+00
LOAD CASE	585					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.160589E+07	-0.113315E+08	0.160147E+08	0.000000E+00
LOAD CASE	586					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.162244E+07	-0.679605E+07	0.114846E+09	0.000000E+00
LOAD CASE	587					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.162244E+07	-0.114564E+08	0.114846E+09	0.000000E+00
LOAD CASE	588					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.279375E+07	-0.628594E+07	0.113031E+09	0.000000E+00
LOAD CASE	589					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.279375E+07	-0.251438E+08	0.113031E+09	0.000000E+00
LOAD CASE	590					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.299887E+07	-0.125204E+08	0.175404E+09	0.000000E+00
LOAD CASE	591					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.299887E+07	-0.212170E+08	0.175404E+09	0.000000E+00
LOAD CASE	592					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.295875E+07	-0.123773E+08	0.660647E+08	0.000000E+00
LOAD CASE	593					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.295875E+07	-0.209086E+08	0.660647E+08	0.000000E+00
LOAD CASE	594					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.132750E+07	-0.298688E+07	0.535809E+08	0.000000E+00
LOAD CASE	595					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.132750E+07	-0.119475E+08	0.535809E+08	0.000000E+00
LOAD CASE	596					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.161955E+07	-0.679314E+07	0.944410E+08	0.000000E+00
LOAD CASE	597					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.161955E+07	-0.114268E+08	0.944410E+08	0.000000E+00
LOAD CASE	598					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.160350E+07	-0.673594E+07	0.360754E+08	0.000000E+00
LOAD CASE	599					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-0.160350E+07	-0.113034E+08	0.360754E+08	0.000000E+00

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
 AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2456

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.000000E+00 SEC.
 TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 106767

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 1810917
 LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 6120
 TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 6120
 TOTAL NO. OF EQUATIONS = 6120
 TOTAL NO. OF ACTIVE NODES = 1020

NUMBER OF ELEMENT GROUPS = 36
 MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 452553
 MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 700963
 MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
 MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 130742
 TOTAL SIZE OF ELEMENT DATA RECORDS = 8436918
 TOTAL SIZE OF ELEMENT RESULT RECORDS = 17740374
 TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
 TOTAL SIZE OF GLOBAL SOLUTION RECORD = 37274
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 447795

TIME FOR PRE-SOLUTION PROCESS = 0.10900 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:12:24 ON 28/05/21 (DAY/MTH/YR)

SOLUTION BY FRONTAL SPARSE MATRIX TECHNIQUE

TIME FOR EQUATION REORDERING = 0.01 SEC.
IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 536109 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

=====
= Multifrontal statistics =
=====

number of equations = 6066
no. of nonzeros in lower triangle of a = 100701
number of compressed nodes = 1011
no. of compressed nonzeros in l. tri. = 2376
amount of workspace currently in use = 472706
max. amt. of workspace used = 97851395
no. of nonzeros in the factor l = 286893.
number of super nodes = 534
number of compressed subscripts = 17178
size of stack storage = 29322
maximum order of a front matrix = 174
maximum size of a front matrix = 15225
maximum size of a front trapezoid = 13620
no. of floating point ops for factor = 2.5393D+07
no. of floating point ops for solve = 1.1779D+06
actual no. of nonzeros in the factor l = 286893.
actual number of compressed subscripts = 17178
actual size of stack storage used = 50034
near zero pivot monitoring activated = 0.
number of pivots adjusted = 0.
negative pivot monitoring activated = 0.
number of negative pivots encountered = 0.
factorization panel size = 128
factorization update panel size = 32
solution block size = 8
time (in seconds) for structure input = 0.000000
time (in seconds) for ordering = 0.015000
time (in seconds) for symbolic factor = 0.000000
time (in seconds) for value input = 0.000000

number of cpus used for factor & solve = 2
time (in seconds) for numeric factor = 0.031000
computational rate (mflops) for factor = 819.135500
condition number estimate = 1.2487D+16
time (in seconds) for numeric solve = 0.000348
computational rate (mflops) for solve = 3386.461387

i/o statistics: unit number length amount
(Mbytes) (Mbytes)

31. 0.14 = 0.34
NUMBER OF POSITIVE EIGENVALUES = 6066
NUMBER OF NEGATIVE EIGENVALUES = 0
AMOUNT OF DISK SPACE USED = 0.14 MB
DETERMINANT OF STIFFNESS MATRIX = 7.424E+59113
SMALLEST PIVOT ENCOUNTERED WAS 645.966 AT NODE 528, FREEDOM 6
LARGEST PIVOT ENCOUNTERED WAS 0.573152E+19 AT NODE 3, FREEDOM 4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.42086E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.11539E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.31658E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.92024E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.15705E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 = 0.93304E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 = 0.64170E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 = 0.12404E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 = 0.52571E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10 = 0.57454E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11 = 0.12593E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12 = 0.67735E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 13 = 0.80853E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 14 = 0.10395E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 15 = 0.75712E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 16 = 0.13115E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 17 = 0.10518E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 18 = 0.76485E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 19 = 0.38114E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 20 = 0.44981E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 21 = 0.64445E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 22 = 0.52177E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 23 = 0.12410E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 24 = 0.11442E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 25 = 0.45066E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 26 = 0.90133E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 27 = 0.63716E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 28 = 0.44203E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 29 = 0.73865E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 30 = 0.16127E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 31 = 0.77751E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 32 = 0.85401E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 33 = 0.92542E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 34 = 0.74691E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 35 = 0.79173E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 36 = 0.67680E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 37 = 0.39480E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 38 = 0.35179E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 39 = 0.44322E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 40 = 0.54145E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 41 = 0.97381E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 42 = 0.59685E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 43 = 0.53795E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 44 = 0.80596E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 45 = 0.44001E-21
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 46 = 0.72287E-21

TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION = 0.10900 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 2295264
LOCATIONS AVAILABLE = 98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1489
ACTUAL TOTAL NO. FACES IN STRUCTURE = 448

TIME FOR POST-SOLUTION PROCESS = 2.0150 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 3.8110 SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 4 SECS

TIME AT CENTRAL PROCESSOR = 10:12:26 ON 28/05/21 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Table with 7 columns: Disk Unit Name, Disk Page Size (Bytes), Calls to I/O Routines, Buffered Transfers, Disk Accesses, Page Table Swaps, Peak File Size (Mbytes). Rows include PROBLEM, FRONTAL, SHAPES, and PLOT.

RESTART 0 0 0 0 0.000000E+00
LUSAS RUN SUCCESSFULLY COMPLETED