

ID	1	2	3	4	5	6	7	8
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
487		160,414	215,625	215,625	0,000			
488		163,276	215,625	215,625	0,000			
489		165,138	215,625	215,625	0,000			
490		169,000	215,625	215,625	0,000			
491		172,500	215,625	215,625	0,000			
492		176,000	215,625	215,625	0,000			
493		179,500	215,625	215,625	0,000			
494		183,000	215,625	215,625	0,000			
495		187,000	215,625	215,625	0,000			
496		191,000	215,625	215,625	0,000			
497		195,443	215,625	215,625	0,000			
498		198,882	215,625	215,625	0,000			
499		202,322	215,625	215,625	0,000			
500		205,761	215,625	215,625	0,000			
501		210,201	215,625	215,625	0,000			
502		214,640	215,625	215,625	0,000			
503		219,079	215,625	215,625	0,000			
504		223,518	215,625	215,625	0,000			
505		227,957	215,625	215,625	0,000			
506		232,396	215,625	215,625	0,000			
507		236,835	215,625	215,625	0,000			
508		241,274	215,625	215,625	0,000			
509		245,713	215,625	215,625	0,000			
510		250,152	215,625	215,625	0,000			
511		254,591	215,625	215,625	0,000			
512		259,030	215,625	215,625	0,000			
513		263,469	215,625	215,625	0,000			
514		267,908	215,625	215,625	0,000			
515		272,347	215,625	215,625	0,000			
516		276,786	215,625	215,625	0,000			
517		281,225	215,625	215,625	0,000			
518		285,664	215,625	215,625	0,000			
519		290,103	215,625	215,625	0,000			
520		294,542	215,625	215,625	0,000			
521		298,981	215,625	215,625	0,000			
522		303,420	215,625	215,625	0,000			
523		307,859	215,625	215,625	0,000			
524		312,298	215,625	215,625	0,000			
525		316,737	215,625	215,625	0,000			
526		321,176	215,625	215,625	0,000			
527		325,615	215,625	215,625	0,000			
528		330,054	215,625	215,625	0,000			
529		334,493	215,625	215,625	0,000			
530		338,932	215,625	215,625	0,000			
531		343,371	215,625	215,625	0,000			
532		347,810	215,625	215,625	0,000			
533		352,249	215,625	215,625	0,000			
534		356,688	215,625	215,625	0,000			
535		361,127	215,625	215,625	0,000			
536		365,566	215,625	215,625	0,000			
537		370,005	215,625	215,625	0,000			
538		374,444	215,625	215,625	0,000			
539		378,883	215,625	215,625	0,000			
540		383,322	215,625	215,625	0,000			

ID	1	2	3	4	5	6	7	8
541	1234567890123456789012345678901234567890123456789012345678901234567890							
542		938	175,000	227,350	0,000			
543		539	175,500	227,350	0,000			
544		540	183,000	227,350	0,000			
545		541	185,450	227,350	0,000			
546		542	187,900	227,350	0,000			
547		543	189,734	227,350	0,000			
548		544	198,258	229,700	0,000			
549		545	180,944	229,700	0,000			
550		546	163,629	229,700	0,000			
551		547	166,315	229,700	0,000			
552		548	168,000	229,700	0,000			
553		549	172,500	229,700	0,000			
554		550	176,000	229,700	0,000			
555		551	179,500	229,700	0,000			
556		552	183,000	229,700	0,000			
557		553	185,450	229,700	0,000			
558		554	187,900	229,700	0,000			
559		555	189,419	232,894	0,000			
560		556	191,064	232,894	0,000			
561		557	193,709	232,894	0,000			
562		558	196,354	232,894	0,000			
563		559	198,999	232,894	0,000			
564		560	172,499	232,894	0,000			
565		561	176,000	232,894	0,000			
566		562	179,500	232,894	0,000			
567		563	183,000	232,894	0,000			
568		564	185,450	232,894	0,000			
569		565	188,999	236,088	0,000			
570		566	191,884	236,088	0,000			
571		567	193,769	236,088	0,000			
572		568	196,395	236,088	0,000			
573		569	199,000	236,088	0,000			
574		570	172,500	236,088	0,000			
575		571	176,000	236,088	0,000			
576		572	179,500	236,088	0,000			
577		573	183,000	236,088	0,000			
578		574	185,689	238,294	0,000			
579		575	191,337	238,294	0,000			
580		576	193,844	238,294	0,000			
581		577	196,422	238,294	0,000			
582		578	199,000	238,294	0,000			
583		579	172,500	238,294	0,000			
584		580	176,000	238,294	0,000			
585		581	179,500	238,294	0,000			
586		582	181,308	238,294	0,000			
587		583	183,800	240,500	0,000			
588		584	186,350	240,500	0,000			
589		585	188,900	240,500	0,000			
590		586	191,450	240,500	0,000			
591		587	194,000	240,500	0,000			
592		588	172,500	240,500	0,000			
593		589	176,000	240,500	0,000			
594		590	179,616	240,500	0,000			
		591	183,232	243,000	0,000			

1234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6	7	8
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ID	1	2	3	4	5	6	7	8
595	1234567890123456789012345678901234567890123456789012345678901234567890	161.440	243.000	0.000	0.000			
596		163.960	243.000	0.000	0.000			
597		166.480	243.000	0.000	0.000			
598		169.000	243.000	0.000	0.000			
599		171.520	243.000	0.000	0.000			
600		174.040	243.000	0.000	0.000			
601		176.560	243.000	0.000	0.000			
602		179.080	243.000	0.000	0.000			
603		181.600	245.500	0.000	0.000			
604		184.120	245.500	0.000	0.000			
605		186.640	245.500	0.000	0.000			
606		189.160	245.500	0.000	0.000			
607		191.680	245.500	0.000	0.000			
608		194.200	245.500	0.000	0.000			
609		196.720	247.000	0.000	0.000			
610		199.240	247.000	0.000	0.000			
611		201.760	247.000	0.000	0.000			
612		204.280	247.000	0.000	0.000			
613		206.800	247.000	0.000	0.000			
614		209.320	249.500	0.000	0.000			
615		211.840	249.500	0.000	0.000			
616		214.360	249.500	0.000	0.000			
617		216.880	249.500	0.000	0.000			
618		219.400	249.500	0.000	0.000			
619		221.920	249.500	0.000	0.000			
620		224.440	249.500	0.000	0.000			
621		226.960	249.500	0.000	0.000			
622		229.480	251.000	0.000	0.000			
623		232.000	251.000	0.000	0.000			
624		234.520	251.000	0.000	0.000			
625		237.040	251.000	0.000	0.000			
626		239.560	251.000	0.000	0.000			
627		242.080	251.000	0.000	0.000			
628		244.600	254.125	0.000	0.000			
629		247.120	254.125	0.000	0.000			
630		249.640	254.125	0.000	0.000			
631		252.160	254.125	0.000	0.000			
632		254.680	254.125	0.000	0.000			
633		257.200	257.250	0.000	0.000			
634		259.720	257.250	0.000	0.000			
635		262.240	257.250	0.000	0.000			
636		264.760	257.250	0.000	0.000			
637		267.280	257.250	0.000	0.000			
638		269.800	260.375	0.000	0.000			
639		272.320	260.375	0.000	0.000			
640		274.840	260.375	0.000	0.000			
641		277.360	260.375	0.000	0.000			
642		279.880	263.500	0.000	0.000			
643		282.400	263.500	0.000	0.000			
644		284.920	263.500	0.000	0.000			
645		287.440	263.500	0.000	0.000			
646		289.960	263.500	0.000	0.000			
647		292.480	266.500	0.000	0.000			
648		295.000	266.500	0.000	0.000			

ID	1	2	3	4	5	6	7	8
649	1234567890123456789012345678901234567890123456789012345678901234567890	161.531	266.500	0.000				
650	646	164.021	266.500	0.000				
651	647	166.511	266.500	0.000				
652	648	167.600	266.500	0.000				
653	1250	169.000	188.500	0.000				
654	1320	169.000	190.438	0.000				
655	1322	169.000	192.375	0.000				
656	1354	169.000	194.312	0.000				
657	1386	169.000	196.250	0.000				
658	1413	169.000	200.125	0.000				
659	1429	169.000	204.000	0.000				
660	1444	169.000	208.000	0.000				
661	1459	169.000	210.000	0.000				
662	1473	169.000	212.500	0.000				
663	1487	169.000	215.625	0.000				
664	1500	169.000	218.750	0.000				
665	1512	169.000	221.875	0.000				
666	1524	169.000	225.000	0.000				
667	1536	169.000	227.350	0.000				
668	1548	169.000	229.700	0.000				
669	1559	169.000	232.894	0.000				
670	1571	169.000	236.088	0.000				
671	1578	169.000	238.294	0.000				
672	1587	169.000	240.500	0.000				
673	1595	169.000	243.000	0.000				
674	1603	169.000	245.500	0.000				
675	1610	170.406	247.000	0.000				
676	1618	172.750	249.500	0.000				
677	1258	183.000	189.500	0.000				
678	1298	183.000	190.438	0.000				
679	1330	183.000	192.375	0.000				
680	1362	183.000	194.312	0.000				
681	1394	183.000	196.250	0.000				
682	1417	183.000	200.125	0.000				
683	1433	183.000	204.000	0.000				
684	1448	183.000	208.000	0.000				
685	1463	183.000	210.000	0.000				
686	1477	183.000	212.500	0.000				
687	1491	183.000	215.625	0.000				
688	1504	183.000	218.750	0.000				
689	1516	183.000	221.875	0.000				
690	1528	183.000	225.000	0.000				
691	1541	185.450	227.350	0.000				
692	1554	187.900	229.700	0.000				
693	1266	199.000	188.500	0.000				
694	1306	199.000	190.438	0.000				
695	1338	199.000	192.375	0.000				
696	1370	199.000	194.312	0.000				
697	1402	199.000	196.250	0.000				
698	1421	199.000	200.125	0.000				
699	1437	199.000	204.000	0.000				
700	1452	199.000	208.000	0.000				
701	1467	199.000	210.000	0.000				
702	1482	201.320	212.500	0.000				

1234567890123456789012345678901234567890123456789012345678901234567890  
1 2 3 4 5 6 7 8

ID	1	2	3	4	5	6	7	8
703	END	1234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6
704	PLANE	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6
705	1	30	1	2	17	15		
706	2	30	2	3	18	17		
707	3	30	3	4	19	18		
708	4	30	4	5	20	19		
709	5	30	5	6	21	20		
710	6	30	6	7	22	21		
711	7	30	7	8	23	22		
712	8	30	8	9	24	23		
713	9	30	9	10	25	24		
714	10	30	10	11	26	25		
715	11	30	11	12	27	26		
716	12	30	12	13	28	27		
717	13	30	13	14	29	28		
718	14	30	14	15	30	29		
719	15	30	15	17	32	31		
720	16	30	16	18	33	32		
721	17	30	17	19	34	33		
722	18	30	18	20	35	34		
723	19	30	19	21	36	35		
724	20	30	20	22	37	36		
725	21	30	21	23	38	37		
726	22	30	22	24	39	38		
727	23	30	23	25	40	39		
728	24	30	24	26	41	40		
729	25	30	25	27	42	41		
730	26	30	26	28	43	42		
731	27	30	27	29	44	43		
732	28	30	28	30	45	44		
733	29	30	29	31	46	45		
734	30	30	30	32	47	46		
735	31	30	31	33	48	47		
736	32	30	32	34	49	48		
737	33	30	33	35	50	49		
738	34	30	34	36	51	50		
739	35	30	35	37	52	51		
740	36	30	36	38	53	52		
741	37	30	37	39	54	53		
742	38	30	38	40	55	54		
743	39	30	39	41	56	55		
744	40	30	40	42	57	56		
745	41	30	41	43	58	57		
746	42	30	42	44	59	58		
747	43	30	43	45	60	59		
748	44	30	44	46	61	60		
749	45	30	45	47	62	61		
750	46	30	46	48	63	62		
751	47	30	47	49	64	63		
752	48	30	48	50	65	64		
753	49	30	49	51	66	65		
754	50	30	50	52	67	66		
755	51	30	51	53	68	67		
756	52	30	52	54	69	68		
757	53	30	53	55	70	69		
758	54	30	54	56	71	70		
759	55	30	55	57				
760	56	30	56	58				
761	57	30	57	59				
762	58	30	58	60				
763	59	30	59	61				
764	60	30	60	62				
765	61	30	61	63				
766	62	30	62	64				
767	63	30	63	65				
768	64	30	64	66				
769	65	30	65	67				
770	66	30	66	68				
771	67	30	67	69				
772	68	30	68	70				
773	69	30	69	71				
774	70	30	70					
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776	72	30	72					
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779	75	30	75					
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792	88	30	88					
793	89	30	89					
794	90	30	90					
795	91	30	91					
796	92	30	92					
797	93	30	93					
798	94	30	94					
799	95	30	95					
800	96	30	96					
801	97	30	97					
802	98	30	98					
803	99	30	99					
804	100	30	100					

1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890

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757	53	30	50	51	72	71		
758	54	30	51	52	73	72		
759	55	30	52	53	74	73		
760	56	30	53	54	75	74		
761	57	30	54	55	76	75		
762	58	30	55	56	77	76		
763	59	30	56	57	78	77		
764	60	30	57	58	79	78		
765	61	30	58	59	80	79		
766	62	30	59	60	81	80		
767	63	30	60	61	82	81		
768	64	30	61	62	83	82		
769	65	30	62	63	84	83		
770	66	30	63	64	85	84		
771	67	30	64	65	86	85		
772	68	30	65	66	87	86		
773	69	30	66	67	88	87		
774	70	30	67	68	89	88		
775	71	30	68	69	90	89		
776	72	30	69	70	91	90		
777	73	30	70	71	92	91		
778	74	30	71	72	93	92		
779	75	30	72	73	94	93		
780	76	30	73	74	95	94		
781	77	30	74	75	96	95		
782	78	30	75	76	97	96		
783	79	30	76	77	98	97		
784	80	30	77	78	99	98		
785	81	30	78	79	100	99		
786	82	30	79	80	101	100		
787	83	30	80	81	102	101		
788	84	30	81	82	103	102		
789	85	30	82	83	104	103		
790	86	30	83	84	105	104		
791	87	30	84	85	106	105		
792	88	30	85	86	107	106		
793	89	30	86	87	108	107		
794	90	30	87	88	109	108		
795	91	30	88	89	110	109		
796	92	30	89	90	111	110		
797	93	30	90	91	112	111		
798	94	30	91	92	113	112		
799	95	30	92	93	114	113		
800	96	30	93	94	115	114		
801	97	30	94	95	116	115		
802	98	30	95	96	117	116		
803	99	30	96	97	118	117		
804	100	30	97	98	119	118		
805	101	30	98	99	120	119		
806	102	30	99	100	121	120		
807	103	30	100	101	122	121		
808	104	30	101	102	123	122		
809	105	30	102	103	124	123		
810	106	30	103	104	125	124		
12345678901234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6	7	8



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865	1234567890123456789012345678901234567890123456789012345678901234567890	30	138	178	177	0		
866	161	30	138	139	179	178		
867	163	30	139	140	180	179		
868	164	30	140	141	181	0		
869	165	30	140	182	181	0		
870	166	30	141	141	183	182		
871	167	30	141	142	184	183		
872	168	30	142	142	185	0		
873	169	30	142	186	185	0		
874	170	30	143	143	187	186		
875	171	30	143	144	188	187		
876	172	30	144	189	189	0		
877	173	30	144	145	190	189		
878	174	30	145	145	191	190		
879	175	30	146	147	192	191		
880	176	30	147	148	193	192		
881	177	30	148	149	193	0		
882	178	30	149	150	194	0		
883	179	30	149	151	195	277		
884	180	30	150	151	195	278		
885	181	30	151	152	196	279		
886	182	30	152	153	197	280		
887	183	30	153	154	197	280		
888	184	30	154	155	198	281		
889	185	30	155	156	199	282		
890	186	30	156	157	199	194		
891	187	30	157	158	199	195		
892	188	30	158	159	199	196		
893	189	30	159	160	199	197		
894	190	30	160	161	200	198		
895	191	30	161	162	201	199		
896	192	30	162	163	202	200		
897	193	30	163	164	202	201		
898	194	30	164	165	203	202		
899	195	30	165	166	203	203		
900	196	30	166	167	204	204		
901	197	30	167	168	205	204		
902	198	30	168	169	206	205		
903	199	30	169	170	207	206		
904	200	30	169	170	208	207		
905	201	30	170	171	209	208		
906	202	30	171	172	210	209		
907	203	30	172	173	211	210		
908	204	30	173	174	212	211		
909	205	30	174	175	213	212		
910	206	30	175	176	214	213		
911	207	30	176	177	215	214		
912	208	30	177	178	216	215		
913	209	30	178	179	217	216		
914	210	30	179	180	218	217		
915	211	30	180	181	219	218		
916	212	30	181	182	220	219		
917	213	30	182	183	221	220		
918	214	30	183	184	222	221		
			184	185	223	222		
			185	224	224	223		

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955	251	30	220	221	265	264		
956	252	30	221	222	266	265		
957	253	30	222	223	267	266		
958	254	30	223	224	268	267		
959	255	30	224	225	269	268		
960	256	30	225	226	270	269		
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1105		5	392	393	416	416		
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1122		6	410	411	427	426		
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1125		6	413	414	430	429		
1126		6	414	415	431	430		
1127		6	415	416	432	431		
1128		6	416	417	433	432		
1129		6	417	418	434	433		
1130		6	418	419	435	434		
1131		6	419	420	436	435		
1132		6	420	421	437	436		
1133		6	421	422	438	437		
1134		6	422	423	439	438		

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1145	440	7	434	435	450	449		
1146	441	7	435	436	451	450		
1147	442	7	436	437	452	451		
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1301	597	22	601	602	609	608		
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1312	608	24	612	613	620	619		
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1315	611	24	615	616	622	621		
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1318	614	25	618	619	624	623		
1319	614	25	620	621	626	625		
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1323	618	26	625	626	631	630		
1324	619	26	626	627	632	631		
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1352	12	13	14	15	16	17	18	19
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1437	1467	101	1467	1482	482	467	1.0	
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1439	MJD.INT	マシント要素の物性						
1440	101	0	5.0E07			0.0		
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1442	END							
1443	SURFACE	軟荷面の定義						
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1445		565	555	544	532	520	508	496
1446		409	378	345	314	282	242	241
1447		235	234	233	232	232	231	230
1448	2	281	280	279	278	277	276	275
1449		408	424	439			274	273
1450							313	345
1451	END						377	
1451	STEP	1	CASE-2					
1452	BODY	1	ボルト-ナット(埋め力)					
1453		1	2000	1.0	0.33333333			
1454	END							
1455	LINELOAD		分布荷重					
1456	1	TY	640	242	0.0	0.0	75.0	
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1458		XV	440	242	0.0	0.0	9.75	
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1738	519			-10.6870				
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1740	521			-17.6737				
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1745	526			-22.5159				
1746	527			-22.5159				
1747	528			-13.5130				
1748	529			-14.0820				
1749	530			-17.5366				
1750	531			-14.8334				
1751	532			-7.4950				
1752	533			-14.9912				
1753	534			-14.9936				
1754	535			-14.9936				
1755	536			-7.4963				
1756	537			-19.3287				
1757	538			-19.3287				
1758	539			-19.3287				
1759	540			-15.3019				
1760	541			-7.8926				
1761	542			-10.7012				
1762	543			-5.0637				
1763	544			-8.7358				
1764	545			-17.4699				
1765	546			-17.4704				
1766	547			-17.4704				
1767	548			-8.7341				
1768	549			-22.8003				
1769	550			-22.8003				
1770	551			-22.7997				
1771	552			-19.3797				
1772	553			-19.3798				
1773	554			-7.0080				
1774	555			-9.9272				
1775	556			-19.8537				
1776	557			-19.8544				
1777	558			-19.8544				
1778	559			-9.9266				
1779	560			-26.2732				
1780	561			-26.2732				
1781	562			-26.2706				
1782	563			-20.7976				
	564			-10.7272				
1234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6	7	8



ID	1	2	3	4	5	6	7	8	
1783	12345678901234567890123456789012345678901234567890123456789012345678901234567890								
1784									
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1837									
1838									
	12345678901234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6	7	8



ID	1	2	3	4	5	6	7	8
1891	1234567890123456789012345678901234567890123456789012345678901234567890							
1892	1618			-2, 0504				
1893	1288		-2, 2772					
1894	1298		-4, 5531					
1895	1330		-4, 5519					
1896	1352		4, 3331					
1897	1394		-8, 3480					
1898	1417		-16, 6948					
1899	1433		-18, 5062					
1900	1448		-14, 1000					
1901	1463		-10, 5750					
1902	1477		-13, 2187					
1903	1491		-14, 6875					
1904	1504		-14, 6875					
1905	1516		-13, 7389					
1906	1528		-7, 7016					
1907	1541		-7, 8926					
1908	1554		-2, 2550					
1909	1266		-2, 4707					
1910	1306		-4, 3401					
1911	1338		-4, 9389					
1912	1370		-4, 9401					
1913	1402		-9, 0576					
1914	1421		-18, 1138					
1915	1437		-19, 9633					
1916	1452		-14, 8927					
1917	1467		-9, 0303					
1918	1482		-4, 1047					
	END							
	1234567890123456789012345678901234567890123456789012345678901234567890	2	3	4	5	6	7	8
		1	3	4	5	6	7	8

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CONTROL DATA 0 0 0 0 0 0 0 10 0 0

RUN MODE : EXECUTION

ANALYSIS : LINEAR (ELASTIC)

GEOMETRY CHANGE BY DISPLACEMENT : NO

NORMAL STRESS ANALYSIS RUN

CREEP : NO

NON-LINEAR ITERATION LIMIT : 10 TIMES

NON-LINEAR ITERATION METHOD : NEWTON-RAPHSON'S METHOD

RESIDUAL LOAD CORRECTION : NO

NONLIST DATA 0 0 0 0 1 0 1 0 0

INPUT IMAGE LIST : YES INPUT DATA ECHO LIST : YES

LOADING VECTOR : YES SUPPORT REACTION : YES

DISPLACEMENT (INCREMENT) : NO DISPLACEMENT (INC.+TOTAL) : YES

STRESS (INCREMENT) : NO STRESS (TOTAL) : YES

NONLINEAR MATERIAL LIST : YES

ACCURACY DATA EPSR = 1.000E-03 EPSD = 1.000E-03

LOAD SCALE DATA FACTOR = ALPHA\*BETA(I)

ALPHA = 1.000

BETA = 1.000

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
1	0	23.8000	35.0000	*	*	*
2	0	24.0720	35.0000	*	*	*
3	0	62.3700	35.0000	*	*	*
4	0	84.2850	35.0000	*	*	*
5	0	126.2000	35.0000	*	*	*
6	0	142.2000	35.0000	*	*	*
7	0	156.2000	35.0000	*	*	*
8	0	176.0000	35.0000	*	*	*
9	0	199.0000	35.0000	*	*	*
10	0	231.2800	35.0000	*	*	*
11	0	255.2800	35.0000	*	*	*
12	0	279.1950	35.0000	*	*	*
13	0	311.1100	35.0000	*	*	*
14	0	349.4080	35.0000	*	*	*
15	0	397.2800	35.0000	*	*	*
16	0	-	23.8000	*	*	*
17	0	24.0720	80.0000	*	*	*
18	0	62.3700	80.0000	*	*	*
19	0	84.2850	80.0000	*	*	*
20	0	126.2000	80.0000	*	*	*
21	0	142.2000	80.0000	*	*	*
22	0	156.2000	80.0000	*	*	*
23	0	176.0000	80.0000	*	*	*
24	0	199.0000	80.0000	*	*	*
25	0	231.2800	80.0000	*	*	*
26	0	255.2800	80.0000	*	*	*
27	0	279.1950	80.0000	*	*	*
28	0	311.1100	80.0000	*	*	*
29	0	349.4080	80.0000	*	*	*
30	0	397.2800	80.0000	*	*	*
31	0	-	23.8000	*	*	*
32	0	24.0720	115.7240	*	*	*
33	0	62.3700	115.7240	*	*	*
34	0	84.2850	115.7240	*	*	*
35	0	126.2000	115.7240	*	*	*
36	0	142.2000	115.7240	*	*	*
37	0	156.2000	115.7240	*	*	*
38	0	176.0000	115.7240	*	*	*
39	0	199.0000	115.7240	*	*	*
40	0	231.2800	115.7240	*	*	*
41	0	255.2800	115.7240	*	*	*
42	0	279.1950	115.7240	*	*	*
43	0	311.1100	115.7240	*	*	*
44	0	349.4080	115.7240	*	*	*
45	0	397.2800	115.7240	*	*	*
46	0	-	23.8000	*	*	*
47	0	24.0720	138.1120	*	*	*
48	0	62.3700	138.1120	*	*	*
49	0	84.2850	138.1120	*	*	*
50	0	126.2000	138.1120	*	*	*
51	0	142.2000	138.1120	*	*	*
52	0	156.2000	138.1120	*	*	*
53	0	162.5000	138.1120	*	*	*

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
54	0	169.0000	138.1120			
55	0	176.0000	138.1120			
56	0	183.0000	138.1120			
57	0	191.0000	138.1120			
58	0	199.0000	138.1120			
59	0	207.6800	138.1120			
60	0	219.2800	138.1120			
61	0	231.2800	138.1120			
62	0	255.2500	138.1120			
63	0	279.1950	138.1120			
64	0	311.1100	138.1120			
65	0	349.4080	138.1120			
66	0	397.2800	138.1120	*		
67	0	-23.8000	160.5000	*		
68	0	24.0720	160.5000			
69	0	62.3700	160.5000			
70	0	94.2850	160.5000			
71	0	126.2000	160.5000			
72	0	142.2000	160.5000			
73	0	156.2000	160.5000			
74	0	162.6000	160.5000			
75	0	156.0000	160.5000			
76	0	176.0000	160.5000			
77	0	183.0000	160.5000			
78	0	191.0000	160.5000			
79	0	199.0000	160.5000			
80	0	207.6800	160.5000			
81	0	219.2800	160.5000			
82	0	231.2800	160.5000			
83	0	255.2800	160.5000			
84	0	279.1950	160.5000			
85	0	311.1100	160.5000			
86	0	349.4080	160.5000			
87	0	397.2800	160.5000	*		
88	0	-23.8000	172.5000	*		
89	0	24.0720	172.5000			
90	0	62.3700	172.5000			
91	0	94.2850	172.5000			
92	0	126.2000	172.5000			
93	0	134.2000	172.5000			
94	0	142.2000	172.5000			
95	0	150.2000	172.5000			
96	0	156.2000	172.5000			
97	0	159.4000	172.5000			
98	0	162.6000	172.5000			
99	0	165.8000	172.5000			
100	0	169.0000	172.5000			
101	0	172.5000	172.5000			
102	0	176.0000	172.5000			
103	0	179.5000	172.5000			
104	0	183.0000	172.5000			
105	0	187.0000	172.5000			
106	0	191.0000	172.5000			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
107	0	195.0000	172.5000			
108	0	199.0000	172.5000			
109	0	202.3400	172.5000			
110	0	207.6800	172.5000			
111	0	213.4800	172.5000			
112	0	219.2800	172.5000			
113	0	225.2800	172.5000			
114	0	231.2800	172.5000			
115	0	239.2800	172.5000			
116	0	255.2800	172.5000			
117	0	279.1950	172.5000			
118	0	311.1100	172.5000			
119	0	349.4080	172.5000			
120	0	397.2800	172.5000	*		
121	0	-29.8000	180.5000	*		
122	0	24.0720	180.5000			
123	0	62.3700	180.5000			
124	0	94.2850	180.5000			
125	0	126.2000	180.5000			
126	0	134.2000	180.5000			
127	0	142.2000	180.5000			
128	0	150.2000	180.5000			
129	0	156.2000	180.5000			
130	0	159.4000	180.5000			
131	0	162.6000	180.5000			
132	0	165.8000	180.5000			
133	0	169.0000	180.5000			
134	0	172.5000	180.5000			
135	0	176.0000	180.5000			
136	0	179.5000	180.5000			
137	0	183.0000	180.5000			
138	0	187.0000	180.5000			
139	0	191.0000	180.5000			
140	0	195.0000	180.5000			
141	0	199.0000	180.5000			
142	0	203.3400	180.5000			
143	0	207.6800	180.5000			
144	0	213.4800	180.5000			
145	0	219.2800	180.5000			
146	0	225.2800	180.5000			
147	0	231.2800	180.5000			
148	0	239.2800	180.5000			
149	0	255.2800	180.5000			
150	0	279.1950	180.5000			
151	0	311.1100	180.5000			
152	0	349.4080	180.5000			
153	0	397.2800	180.5000	*		
154	0	134.2000	184.5000			
155	0	142.2000	184.5000			
156	0	146.2000	184.5000			
157	0	150.2000	184.5000			
158	0	153.2000	184.5000			
159	0	156.2000	184.5000			

## GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
160	0	157.8000	184.5000			
161	0	159.4000	184.5000			
162	0	161.0000	184.5000			
163	0	162.6000	184.5000			
164	0	164.2000	184.5000			
165	0	165.8000	184.5000			
166	0	167.4000	184.5000			
167	0	169.0000	184.5000			
168	0	170.7500	184.5000			
169	0	172.5000	184.5000			
170	0	174.2500	184.5000			
171	0	176.0000	184.5000			
172	0	177.7500	184.5000			
173	0	179.5000	184.5000			
174	0	181.2500	184.5000			
175	0	183.0000	184.5000			
176	0	185.0000	184.5000			
177	0	187.0000	184.5000			
178	0	189.0000	184.5000			
179	0	191.0000	184.5000			
180	0	193.0000	184.5000			
181	0	195.0000	184.5000			
182	0	197.0000	184.5000			
183	0	199.0000	184.5000			
184	0	201.1700	184.5000			
185	0	203.3400	184.5000			
186	0	205.5100	184.5000			
187	0	207.6800	184.5000			
188	0	210.5800	184.5000			
189	0	213.4800	184.5000			
190	0	219.2800	184.5000			
191	0	225.2800	184.5000			
192	0	231.2800	184.5000			
193	0	239.2800	184.5000			
194	0	142.2000	186.5000			
195	0	146.2000	186.5000			
196	0	150.2000	186.5000			
197	0	153.2000	186.5000			
198	0	156.2000	186.5000			
199	0	157.8000	186.5000			
200	0	159.4000	186.5000			
201	0	161.0000	186.5000			
202	0	162.6000	186.5000			
203	0	164.2000	186.5000			
204	0	165.8000	186.5000			
205	0	167.4000	186.5000			
206	0	169.0000	186.5000			
207	0	170.7500	186.5000			
208	0	172.5000	186.5000			
209	0	174.2500	186.5000			
210	0	176.0000	186.5000			
211	0	177.7500	186.5000			
212	0	179.5000	186.5000			



JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
213	0	181.2500	186.5000			
214	0	183.0000	186.5000			
215	0	185.0000	186.5000			
216	0	187.0000	186.5000			
217	0	189.0000	186.5000			
218	0	191.0000	186.5000			
219	0	193.0000	186.5000			
220	0	195.0000	186.5000			
221	0	197.0000	186.5000			
222	0	199.0000	186.5000			
223	0	201.1700	186.5000			
224	0	203.3400	186.5000			
225	0	205.5100	186.5000			
226	0	207.6800	186.5000			
227	0	210.3800	186.5000			
228	0	213.4800	186.5000			
229	0	219.2800	186.5000			
230	0	23.2800	186.5000			
231	0	231.2800	186.5000			
232	0	-23.8000	188.5000	*		
233	0	24.0720	188.5000			
234	0	63.3700	188.5000			
235	0	94.2850	188.5000			
236	0	126.2000	188.5000			
237	0	134.2000	188.5000			
238	0	142.2000	188.5000			
239	0	146.2000	188.5000			
240	0	150.2000	188.5000			
241	0	153.2000	188.5000			
242	0	156.2000	188.5000			
243	0	157.8000	188.5000			
244	0	159.4000	188.5000			
245	0	161.0000	188.5000			
246	0	162.6000	188.5000			
247	0	164.2000	188.5000			
248	0	165.8000	188.5000			
249	0	167.4000	188.5000			
250	0	169.0000	188.5000			
251	0	170.7500	188.5000			
252	0	172.5000	188.5000			
253	0	174.2500	188.5000			
254	0	176.0000	188.5000			
255	0	177.7500	188.5000			
256	0	179.5000	188.5000			
257	0	181.2500	188.5000			
258	0	183.0000	188.5000			
259	0	185.0000	188.5000			
260	0	187.0000	188.5000			
261	0	189.0000	188.5000			
262	0	191.0000	188.5000			
263	0	193.0000	188.5000			
264	0	195.0000	188.5000			
265	0	197.0000	188.5000			

JOINT ANALYSIS

GRID POINT COORDINATES		FIXED POINT COORDINATES				
GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
266	0	199.0000	188.5000			
267	0	201.1700	188.5000			
268	0	203.3400	188.5000			
269	0	205.5100	188.5000			
270	0	207.6800	188.5000			
271	0	210.8500	188.5000			
272	0	213.0200	188.5000			
273	0	215.1900	188.5000			
274	0	217.3600	188.5000			
275	0	219.5300	188.5000			
276	0	221.7000	188.5000			
277	0	223.8700	188.5000			
278	0	226.0400	188.5000			
279	0	228.2100	188.5000			
280	0	230.3800	188.5000			
281	0	232.5500	188.5000			
282	0	234.7200	188.5000			
283	0	236.8900	190.4380			
284	0	239.0600	190.4380			
285	0	241.2300	190.4380			
286	0	243.4000	190.4380			
287	0	245.5700	190.4380			
288	0	247.7400	190.4380			
289	0	249.9100	190.4380			
290	0	252.0800	190.4380			
291	0	254.2500	190.4380			
292	0	256.4200	190.4380			
293	0	258.5900	190.4380			
294	0	260.7600	190.4380			
295	0	262.9300	190.4380			
296	0	265.1000	190.4380			
297	0	267.2700	190.4380			
298	0	269.4400	190.4380			
299	0	271.6100	190.4380			
300	0	273.7800	190.4380			
301	0	275.9500	190.4380			
302	0	278.1200	190.4380			
303	0	280.2900	190.4380			
304	0	282.4600	190.4380			
305	0	284.6300	190.4380			
306	0	286.8000	190.4380			
307	0	288.9700	190.4380			
308	0	291.1400	190.4380			
309	0	293.3100	190.4380			
310	0	295.4800	190.4380			
311	0	297.6500	190.4380			
312	0	299.8200	190.4380			
313	0	301.9900	190.4380			
314	0	304.1600	190.4380			
315	0	306.3300	192.3750			
316	0	308.5000	192.3750			
317	0	310.6700	192.3750			
318	0	312.8400	192.3750			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
319	0	164.2720	192.3750			
320	0	165.8480	192.3750			
321	0	167.4240	192.3750			
322	0	169.0000	192.3750			
323	0	170.5760	192.3750			
324	0	172.1520	192.3750			
325	0	173.7280	192.3750			
326	0	175.3040	192.3750			
327	0	176.8800	192.3750			
328	0	178.4560	192.3750			
329	0	180.0320	192.3750			
330	0	181.6080	192.3750			
331	0	183.1840	192.3750			
332	0	184.7600	192.3750			
333	0	186.3360	192.3750			
334	0	187.9120	192.3750			
335	0	189.4880	192.3750			
336	0	191.0640	192.3750			
337	0	192.6400	192.3750			
338	0	194.2160	192.3750			
339	0	195.7920	192.3750			
340	0	197.3680	192.3750			
341	0	198.9440	192.3750			
342	0	200.5200	192.3750			
343	0	202.0960	192.3750			
344	0	203.6720	192.3750			
345	0	205.2480	192.3750			
346	0	206.8240	192.3750			
347	0	208.4000	192.3750			
348	0	209.9760	192.3750			
349	0	211.5520	192.3750			
350	0	213.1280	192.3750			
351	0	214.7040	192.3750			
352	0	216.2800	192.3750			
353	0	217.8560	192.3750			
354	0	219.4320	192.3750			
355	0	221.0080	192.3750			
356	0	222.5840	192.3750			
357	0	224.1600	192.3750			
358	0	225.7360	192.3750			
359	0	227.3120	192.3750			
360	0	228.8880	192.3750			
361	0	230.4640	192.3750			
362	0	232.0400	192.3750			
363	0	233.6160	192.3750			
364	0	235.1920	192.3750			
365	0	236.7680	192.3750			
366	0	238.3440	192.3750			
367	0	239.9200	192.3750			
368	0	241.4960	192.3750			
369	0	243.0720	192.3750			
370	0	244.6480	192.3750			
371	0	246.2240	192.3750			

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
372	0	203.3400	194.3120			
373	0	205.5100	194.3120			
374	0	207.6800	194.3120			
375	0	210.8500	194.3120			
376	0	213.4800	194.3120			
377	0	214.9300	194.3120			
378	0	156.5850	196.2500			
379	0	158.1370	196.2500			
380	0	159.6890	196.2500			
381	0	161.2410	196.2500			
382	0	162.7920	196.2500			
383	0	164.3440	196.2500			
384	0	165.8960	196.2500			
385	0	167.4480	196.2500			
386	0	169.0000	196.2500			
387	0	170.7500	196.2500			
388	0	172.5000	196.2500			
389	0	174.2500	196.2500			
390	0	176.0000	196.2500			
391	0	177.7500	196.2500			
392	0	179.5000	196.2500			
393	0	181.2500	196.2500			
394	0	183.0000	196.2500			
395	0	185.0000	196.2500			
396	0	187.0000	196.2500			
397	0	189.0000	196.2500			
398	0	191.0000	196.2500			
399	0	193.0000	196.2500			
400	0	195.0000	196.2500			
401	0	197.0000	196.2500			
402	0	199.0000	196.2500			
403	0	201.1700	196.2500			
404	0	203.2400	196.2500			
405	0	205.5100	196.2500			
406	0	207.6800	196.2500			
407	0	210.8500	196.2500			
408	0	213.4800	196.2500			
409	0	156.7770	200.1250			
410	0	159.8330	200.1250			
411	0	162.8890	200.1250			
412	0	165.9440	200.1250			
413	0	169.0000	200.1250			
414	0	172.5000	200.1250			
415	0	176.0000	200.1250			
416	0	179.5000	200.1250			
417	0	183.0000	200.1250			
418	0	187.0000	200.1250			
419	0	191.0000	200.1250			
420	0	195.0000	200.1250			
421	0	199.0000	200.1250			
422	0	203.3400	200.1250			
423	0	207.6800	200.1250			
424	0	210.8500	200.1250			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
425	0	156.9700	204.0000			
426	0	159.9770	204.0000			
427	0	162.9850	204.0000			
428	0	165.9920	204.0000			
429	0	169.0000	204.0000			
430	0	172.5000	204.0000			
431	0	176.0000	204.0000			
432	0	179.5000	204.0000			
433	0	183.0000	204.0000			
434	0	187.0000	204.0000			
435	0	191.0000	204.0000			
436	0	195.0000	204.0000			
437	0	199.0000	204.0000			
438	0	203.3400	204.0000			
439	0	207.6800	204.0000			
440	0	157.1700	208.0000			
441	0	160.1280	208.0000			
442	0	163.0850	208.0000			
443	0	166.0420	208.0000			
444	0	169.0000	208.0000			
445	0	172.5000	208.0000			
446	0	176.0000	208.0000			
447	0	179.5000	208.0000			
448	0	183.0000	208.0000			
449	0	187.0000	208.0000			
450	0	191.0000	208.0000			
451	0	195.0000	208.0000			
452	0	199.0000	208.0000			
453	0	203.1920	208.0000			
454	0	204.6900	208.0000			
455	0	157.2700	210.0000			
456	0	160.2020	210.0000			
457	0	163.1350	210.0000			
458	0	166.0680	210.0000			
459	0	169.0000	210.0000			
460	0	172.5000	210.0000			
461	0	176.0000	210.0000			
462	0	179.5000	210.0000			
463	0	183.0000	210.0000			
464	0	187.0000	210.0000			
465	0	191.0000	210.0000			
466	0	195.0000	210.0000			
467	0	199.0000	210.0000			
468	0	203.1920	210.0000			
469	0	157.3620	212.5000			
470	0	160.2970	212.5000			
471	0	163.1980	212.5000			
472	0	166.0990	212.5000			
473	0	169.0000	212.5000			
474	0	172.5000	212.5000			
475	0	176.0000	212.5000			
476	0	179.5000	212.5000			
477	0	183.0000	212.5000			

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
478	0	187.0000	212.5000			
479	0	191.0000	212.5000			
480	0	195.0000	212.5000			
481	0	199.0000	212.5000			
482	0	201.3200	212.5000			
483	0	157.5520	215.6250			
484	0	160.4140	215.6250			
485	0	163.2760	215.6250			
486	0	166.1380	215.6250			
487	0	169.0000	215.6250			
488	0	172.5000	215.6250			
489	0	176.0000	215.6250			
490	0	179.5000	215.6250			
491	0	183.0000	215.6250			
492	0	187.0000	215.6250			
493	0	191.0000	215.6250			
494	0	196.4430	215.6250			
495	0	198.8820	215.6250			
496	0	157.7090	218.7500			
497	0	160.5320	218.7500			
498	0	163.3550	218.7500			
499	0	166.1770	218.7500			
500	0	169.0000	218.7500			
501	0	172.5000	218.7500			
502	0	176.0000	218.7500			
503	0	179.5000	218.7500			
504	0	183.0000	218.7500			
505	0	187.0000	218.7500			
506	0	191.0000	218.7500			
507	0	196.4430	218.7500			
508	0	197.8660	221.8750			
509	0	160.6490	221.8750			
510	0	163.4330	221.8750			
511	0	166.2170	221.8750			
512	0	169.0000	221.8750			
513	0	172.5000	221.8750			
514	0	176.0000	221.8750			
515	0	179.5000	221.8750			
516	0	183.0000	221.8750			
517	0	187.0000	221.8750			
518	0	191.0000	221.8750			
519	0	194.0050	221.8750			
520	0	198.0330	225.0000			
521	0	160.7670	225.0000			
522	0	163.5110	225.0000			
523	0	166.2560	225.0000			
524	0	169.0000	225.0000			
525	0	172.5000	225.0000			
526	0	176.0000	225.0000			
527	0	179.5000	225.0000			
528	0	183.0000	225.0000			
529	0	185.4500	225.0000			
530	0	187.9000	225.0000			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
531	0	191.5670	225.0000			
532	0	158.1410	227.3500			
533	0	160.8550	227.3500			
534	0	163.5700	227.3500			
535	0	166.2850	227.3500			
536	0	169.0000	227.3500			
537	0	172.5000	227.3500			
538	0	175.0000	227.3500			
539	0	179.5000	227.3500			
540	0	183.0000	227.3500			
541	0	185.4500	227.3500			
542	0	187.9000	227.3500			
543	0	189.7240	227.3500			
544	0	188.2580	229.7000			
545	0	169.9440	229.7000			
546	0	163.6290	229.7000			
547	0	166.3150	229.7000			
548	0	169.0000	229.7000			
549	0	172.5000	229.7000			
550	0	176.0000	229.7000			
551	0	179.5000	229.7000			
552	0	183.0000	229.7000			
553	0	185.4500	229.7000			
554	0	187.9000	229.7000			
555	0	158.4190	232.8940			
556	0	161.0640	232.8940			
557	0	163.7090	232.8940			
558	0	166.3540	232.8940			
559	0	168.9990	232.8940			
560	0	172.4990	232.8940			
561	0	176.0000	232.8940			
562	0	179.5000	232.8940			
563	0	183.0000	232.8940			
564	0	185.4500	232.8940			
565	0	188.5790	236.0880			
566	0	161.1840	236.0880			
567	0	163.7890	236.0880			
568	0	166.3940	236.0880			
569	0	169.0000	236.0880			
570	0	172.5000	236.0880			
571	0	176.0000	236.0880			
572	0	179.5000	236.0880			
573	0	183.0000	236.0880			
574	0	188.6890	238.2940			
575	0	161.2670	238.2940			
576	0	163.8440	238.2940			
577	0	166.4220	238.2940			
578	0	169.0000	238.2940			
579	0	172.5000	238.2940			
580	0	176.0000	238.2940			
581	0	179.5000	238.2940			
582	0	181.3080	238.2940			
583	0	158.8000	240.5000			

JOINT ANALYSIS

GRID POINT COORDINATES		FIX-RZ				
GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
584	0	161.3500	240.5000			
585	0	163.9000	240.5000			
586	0	166.4500	240.5000			
587	0	169.0000	240.5000			
588	0	172.5000	240.5000			
589	0	176.0000	240.5000			
590	0	179.6160	240.5000			
591	0	183.2000	243.0000			
592	0	161.4400	243.0000			
593	0	163.9600	243.0000			
594	0	166.4800	243.0000			
595	0	169.0000	243.0000			
596	0	172.5000	243.0000			
597	0	176.0000	243.0000			
598	0	177.6980	243.0000			
599	0	159.0400	243.0000			
600	0	161.5300	245.5000			
601	0	164.0200	245.5000			
602	0	166.5100	245.5000			
603	0	169.0000	245.5000			
604	0	172.5000	245.5000			
605	0	175.7810	245.5000			
606	0	158.4600	247.0000			
607	0	161.5300	247.0000			
608	0	164.0200	247.0000			
609	0	166.5100	247.0000			
610	0	170.4060	247.0000			
611	0	172.5000	247.0000			
612	0	174.6300	247.0000			
613	0	157.4850	249.5000			
614	0	161.5310	249.5000			
615	0	164.0210	249.5000			
616	0	166.5110	249.5000			
617	0	170.4060	249.5000			
618	0	172.7500	249.5000			
619	0	156.9000	251.0000			
620	0	161.5310	251.0000			
621	0	164.0210	251.0000			
622	0	166.5110	251.0000			
623	0	170.4070	251.0000			
624	0	171.6300	251.0000			
625	0	156.9000	254.1250			
626	0	161.5310	254.1250			
627	0	164.0210	254.1250			
628	0	166.5110	254.1250			
629	0	169.7630	254.1250			
630	0	156.9000	257.2500			
631	0	161.5310	257.2500			
632	0	164.0210	257.2500			
633	0	166.5110	257.2500			
634	0	168.5380	257.2500			
635	0	156.9000	260.3750			
636	0	161.5310	260.3750			



JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
637	0	164.0210	260.3750			
638	0	166.5110	260.3750			
639	0	167.8290	260.3750			
640	0	166.5000	263.5000			
641	0	161.5310	263.5000			
642	0	164.0210	263.5000			
643	0	166.5110	263.5000			
644	0	167.6000	263.5000			
645	0	166.5000	266.5000			
646	0	161.5310	266.5000			
647	0	164.0210	266.5000			
648	0	166.5110	266.5000			
649	0	167.6000	266.5000			
1250	0	169.0000	188.5000			
1290	0	169.0000	190.4380			
1322	0	169.0000	192.3750			
1354	0	169.0000	194.3120			
1386	0	169.0000	196.2500			
1413	0	169.0000	200.1250			
1429	0	169.0000	204.0000			
1444	0	169.0000	208.0000			
1459	0	169.0000	210.0000			
1473	0	169.0000	212.5000			
1487	0	169.0000	215.6250			
1500	0	169.0000	218.7500			
1512	0	169.0000	221.8750			
1524	0	169.0000	225.0000			
1536	0	169.0000	227.3500			
1548	0	169.0000	229.7000			
1559	0	168.9990	232.8940			
1569	0	169.0000	236.0880			
1578	0	169.0000	238.2840			
1587	0	169.0000	240.5000			
1595	0	169.0000	243.0000			
1603	0	169.0000	245.5000			
1610	0	170.4060	247.0000			
1618	0	172.7500	249.5000			
1658	0	183.0000	188.5000			
1698	0	183.0000	190.4380			
1730	0	183.0000	192.3750			
1762	0	183.0000	194.3120			
1794	0	183.0000	196.2500			
1817	0	183.0000	200.1250			
1833	0	183.0000	204.0000			
1848	0	183.0000	208.0000			
1863	0	183.0000	210.0000			
1877	0	183.0000	212.5000			
1891	0	183.0000	215.6250			
1904	0	183.0000	218.7500			
1916	0	183.0000	221.8750			
1928	0	183.0000	225.0000			
1941	0	185.4500	227.3500			
1954	0	187.9000	229.7000			

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
1266	0	199.0000	188.5000			
1306	0	199.0000	190.4380			
1338	0	199.0000	192.3750			
1370	0	199.0000	194.3120			
1402	0	199.0000	196.2500			
1421	0	199.0000	200.1250			
1437	0	199.0000	204.0000			
1452	0	199.0000	208.0000			
1467	0	199.0000	210.0000			
1482	0	201.3200	212.5000			

JOINT ANALYSIS

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
1	30	1	2	17	16	1.0000
2	30	2	3	18	17	1.0000
3	30	3	4	19	18	1.0000
4	30	4	5	20	19	1.0000
5	30	5	6	21	20	1.0000
6	30	6	7	22	21	1.0000
7	30	7	8	23	22	1.0000
8	30	8	9	24	23	1.0000
9	30	9	10	25	24	1.0000
10	30	10	11	26	25	1.0000
11	30	11	12	27	26	1.0000
12	30	12	13	28	27	1.0000
13	30	13	14	29	28	1.0000
14	30	14	15	30	29	1.0000
15	30	15	16	31	30	1.0000
16	30	16	17	32	31	1.0000
17	30	17	18	33	32	1.0000
18	30	18	19	34	33	1.0000
19	30	19	20	35	34	1.0000
20	30	20	21	36	35	1.0000
21	30	21	22	37	36	1.0000
22	30	22	23	38	37	1.0000
23	30	23	24	39	38	1.0000
24	30	24	25	40	39	1.0000
25	30	25	26	41	40	1.0000
26	30	26	27	42	41	1.0000
27	30	27	28	43	42	1.0000
28	30	28	29	44	43	1.0000
29	30	29	30	45	44	1.0000
30	30	30	31	46	45	1.0000
31	30	31	32	47	46	1.0000
32	30	32	33	48	47	1.0000
33	30	33	34	49	48	1.0000
34	30	34	35	50	49	1.0000
35	30	35	36	51	50	1.0000
36	30	36	37	52	51	1.0000
37	30	37	38	53	52	1.0000
38	30	38	39	54	53	1.0000
39	30	39	40	55	54	1.0000
40	30	40	41	56	55	1.0000
41	30	41	42	57	56	1.0000
42	30	42	43	58	57	1.0000
43	30	43	44	59	58	1.0000
44	30	44	45	60	59	1.0000
45	30	45	46	61	60	1.0000
46	30	46	47	62	61	1.0000
47	30	47	48	63	62	1.0000
48	30	48	49	64	63	1.0000
49	30	49	50	65	64	1.0000
50	30	50	51	66	65	1.0000
51	30	51	52	67	66	1.0000
52	30	52	53	68	67	1.0000
53	30	53	54	69	68	1.0000
				70	69	1.0000
				71	70	1.0000
				72	71	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
54	30	51	73	72	72	1.0000
55	30	52	74	73	73	1.0000
56	30	53	75	74	74	1.0000
57	30	54	76	75	75	1.0000
58	30	55	77	76	76	1.0000
59	30	56	78	77	77	1.0000
60	30	57	79	78	78	1.0000
61	30	58	80	79	79	1.0000
62	30	59	81	80	80	1.0000
63	30	60	82	81	81	1.0000
64	30	61	83	82	82	1.0000
65	30	62	84	83	83	1.0000
66	30	63	85	84	84	1.0000
67	30	64	86	85	85	1.0000
68	30	65	87	86	86	1.0000
69	30	66	88	87	87	1.0000
70	30	67	89	88	88	1.0000
71	30	68	90	89	89	1.0000
72	30	69	91	90	90	1.0000
73	30	70	92	91	91	1.0000
74	30	71	93	92	92	1.0000
75	30	72	94	93	93	1.0000
76	30	73	95	94	94	1.0000
77	30	74	96	95	95	1.0000
78	30	75	97	96	96	1.0000
79	30	76	98	97	97	1.0000
80	30	77	99	98	98	1.0000
81	30	78	100	99	99	1.0000
82	30	79	101	100	100	1.0000
83	30	80	102	101	101	1.0000
84	30	81	103	102	102	1.0000
85	30	82	104	103	103	1.0000
86	30	83	105	104	104	1.0000
87	30	84	106	105	105	1.0000
88	30	85	107	106	106	1.0000
89	30	86	108	107	107	1.0000
90	30	87	109	108	108	1.0000
91	30	88	110	109	109	1.0000
92	30	89	111	110	110	1.0000
93	30	90	112	111	111	1.0000
94	30	91	113	112	112	1.0000
95	30	92	114	113	113	1.0000
96	30	93	115	114	114	1.0000
97	30	94	116	115	115	1.0000
98	30	95	117	116	116	1.0000
99	30	96	118	117	117	1.0000
100	30	97	119	118	118	1.0000
101	30	98	120	119	119	1.0000
102	30	99	121	120	120	1.0000
103	30	100	122	121	121	1.0000
104	30	101	123	122	122	1.0000
105	30	102	124	123	123	1.0000
106	30	103	125	124	124	1.0000
107	30	104	126	125	125	1.0000
108	30	105	127	126	126	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
107	30	94	95	128	127	1.0000
108	30	95	96	129	128	1.0000
109	30	96	97	130	129	1.0000
110	30	97	98	131	130	1.0000
111	30	98	99	132	131	1.0000
112	30	99	100	133	132	1.0000
113	30	100	101	134	133	1.0000
114	30	101	102	135	134	1.0000
115	30	102	103	136	135	1.0000
116	30	103	104	137	136	1.0000
117	30	104	105	138	137	1.0000
118	30	105	106	139	138	1.0000
119	30	106	107	140	139	1.0000
120	30	107	108	141	140	1.0000
121	30	108	109	142	141	1.0000
122	30	109	110	143	142	1.0000
123	30	110	111	144	143	1.0000
124	30	111	112	145	144	1.0000
125	30	112	113	146	145	1.0000
126	30	113	114	147	146	1.0000
127	30	114	115	148	147	1.0000
128	30	115	116	149	148	1.0000
129	30	116	117	150	149	1.0000
130	30	117	118	151	150	1.0000
131	30	118	119	152	151	1.0000
132	30	119	120	153	152	1.0000
133	30	120	121	154	153	1.0000
134	30	121	122	155	154	1.0000
135	30	122	123	156	155	1.0000
136	30	123	124	157	156	1.0000
137	30	124	125	158	157	1.0000
138	30	125	126	159	158	1.0000
139	30	126	127	160	159	1.0000
140	30	127	128	161	160	1.0000
141	30	128	129	162	161	1.0000
142	30	129	130	163	162	1.0000
143	30	130	131	164	163	1.0000
144	30	131	132	165	164	1.0000
145	30	132	133	166	165	1.0000
146	30	133	134	167	166	1.0000
147	30	134	135	168	167	1.0000
148	30	135	136	169	168	1.0000
149	30	136	137	170	169	1.0000
150	30	137	138	171	170	1.0000
151	30	138	139	172	171	1.0000
152	30	139	140	173	172	1.0000
153	30	140	141	174	173	1.0000
154	30	141	142	175	174	1.0000
155	30	142	143	176	175	1.0000
156	30	143	144	177	176	1.0000
157	30	144	145	178	177	1.0000
158	30	145	146	179	178	1.0000
159	30	146	147	180	179	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
160	30	176	138	177	177	1.0000
161	30	138	177	177	177	1.0000
162	30	139	179	178	178	1.0000
163	30	140	180	179	179	1.0000
164	30	140	181	181	181	1.0000
165	30	140	182	181	181	1.0000
166	30	140	183	182	182	1.0000
167	30	141	184	183	183	1.0000
168	30	142	185	184	184	1.0000
169	30	142	185	185	185	1.0000
170	30	142	186	185	185	1.0000
171	30	143	187	186	187	1.0000
172	30	144	188	187	187	1.0000
173	30	144	189	188	188	1.0000
174	30	145	190	189	189	1.0000
175	30	145	191	190	190	1.0000
176	30	146	192	191	191	1.0000
177	30	147	193	192	192	1.0000
178	30	148	194	193	193	1.0000
179	30	149	195	194	194	1.0000
180	30	150	196	195	195	1.0000
181	30	151	197	196	196	1.0000
182	30	152	198	197	197	1.0000
183	30	236	237	237	237	1.0000
184	30	154	194	194	194	1.0000
185	30	155	195	195	195	1.0000
186	30	156	196	195	195	1.0000
187	30	157	197	196	196	1.0000
188	30	158	198	197	197	1.0000
189	30	159	199	198	198	1.0000
190	30	160	200	199	199	1.0000
191	30	161	201	200	200	1.0000
192	30	162	202	201	201	1.0000
193	30	163	203	202	202	1.0000
194	30	164	204	203	203	1.0000
195	30	165	205	204	204	1.0000
196	30	166	206	205	205	1.0000
197	30	167	207	206	206	1.0000
198	30	168	208	207	207	1.0000
199	30	169	209	208	208	1.0000
200	30	170	210	209	209	1.0000
201	30	171	211	210	210	1.0000
202	30	172	212	211	211	1.0000
203	30	173	213	212	212	1.0000
204	30	174	214	213	213	1.0000
205	30	175	215	214	214	1.0000
206	30	176	216	215	215	1.0000
207	30	177	217	216	216	1.0000
208	30	178	218	217	217	1.0000
209	30	179	219	218	218	1.0000
210	30	180	220	219	219	1.0000
211	30	181	221	220	220	1.0000
212	30	182	222	221	221	1.0000
213	30	183		222	222	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
213	30	183	184	223	222	1.0000
214	30	184	185	224	224	1.0000
215	30	185	186	225	224	1.0000
216	30	186	187	226	225	1.0000
217	30	187	188	227	225	1.0000
218	30	188	189	228	227	1.0000
219	30	189	190	229	228	1.0000
220	30	190	191	230	229	1.0000
221	30	191	192	231	230	1.0000
222	30	192	193	232	231	1.0000
223	30	193	277	276	231	1.0000
224	30	237	194	238	276	1.0000
225	30	194	195	239	238	1.0000
226	30	195	196	240	239	1.0000
227	30	196	197	241	240	1.0000
228	30	197	198	242	241	1.0000
229	30	198	199	243	242	1.0000
230	30	199	200	244	243	1.0000
231	30	200	201	245	244	1.0000
232	30	201	202	246	245	1.0000
233	30	202	203	247	246	1.0000
234	30	203	204	248	247	1.0000
235	30	204	205	249	248	1.0000
236	30	205	206	250	249	1.0000
237	30	206	207	251	250	1.0000
238	30	207	208	252	251	1.0000
239	30	208	209	253	252	1.0000
240	30	209	210	254	253	1.0000
241	30	210	211	255	254	1.0000
242	30	211	212	256	255	1.0000
243	30	212	213	257	256	1.0000
244	30	213	214	258	257	1.0000
245	30	214	215	259	258	1.0000
246	30	215	216	260	259	1.0000
247	30	216	217	261	260	1.0000
248	30	217	218	262	261	1.0000
249	30	218	219	263	262	1.0000
250	30	219	220	264	263	1.0000
251	30	220	221	265	264	1.0000
252	30	221	222	266	265	1.0000
253	30	222	223	267	266	1.0000
254	30	223	224	268	267	1.0000
255	30	224	225	269	268	1.0000
256	30	225	226	270	269	1.0000
257	30	226	227	271	270	1.0000
258	30	227	228	272	271	1.0000
259	30	228	229	273	272	1.0000
260	30	229	230	274	273	1.0000
261	30	230	231	275	274	1.0000
262	30	231	232	276	275	1.0000
263	1	242	243	284	282	1.0000
264	1	243	244	284	283	1.0000
265	1	244	245	285	284	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
266	1	245	246	286	285	1.0000
267	1	246	247	287	286	1.0000
268	1	247	248	288	287	1.0000
269	1	248	249	289	288	1.0000
270	1	249	250	290	289	1.0000
271	1	1250	251	291	1290	1.0000
272	1	251	252	292	291	1.0000
273	1	252	253	293	292	1.0000
274	1	253	254	294	293	1.0000
275	1	254	255	295	294	1.0000
276	1	255	256	296	295	1.0000
277	1	256	257	297	296	1.0000
278	1	257	258	298	297	1.0000
279	1	1258	259	299	1298	1.0000
280	1	259	260	300	299	1.0000
281	1	260	261	301	300	1.0000
282	1	261	262	302	301	1.0000
283	1	262	263	303	302	1.0000
284	1	263	264	304	303	1.0000
285	1	264	265	305	304	1.0000
286	1	265	266	306	305	1.0000
287	1	1266	267	307	1306	1.0000
288	1	267	268	308	307	1.0000
289	1	268	269	309	308	1.0000
290	1	269	270	310	309	1.0000
291	1	270	271	311	310	1.0000
292	1	271	272	312	311	1.0000
293	1	272	273	313	312	1.0000
294	1	273	274	314	313	1.0000
295	1	274	275	315	314	1.0000
296	1	275	276	316	315	1.0000
297	1	276	277	317	316	1.0000
298	1	277	278	318	317	1.0000
299	1	278	279	319	318	1.0000
300	1	279	280	320	319	1.0000
301	1	280	281	321	320	1.0000
302	1	281	282	322	321	1.0000
303	1	1290	283	323	1222	1.0000
304	1	283	284	324	323	1.0000
305	1	284	285	325	324	1.0000
306	1	285	286	326	325	1.0000
307	1	286	287	327	326	1.0000
308	1	287	288	328	327	1.0000
309	1	288	289	329	328	1.0000
310	1	289	290	330	329	1.0000
311	1	1298	291	331	1330	1.0000
312	1	291	292	332	331	1.0000
313	1	292	293	333	332	1.0000
314	1	293	294	334	333	1.0000
315	1	294	295	335	334	1.0000
316	1	295	296	336	335	1.0000
317	1	296	297	337	336	1.0000
318	1	1306	298	338	1337	1.0000
			299	339	1338	1.0000