

GRID POINT LOAD

GRID	PX	PY	MZ
364	0.0000	-9.1062	0.0000
365	0.0000	-9.1062	0.0000
366	0.0000	-9.1062	0.0000
367	0.0000	-9.1062	0.0000
368	0.0000	-9.1062	0.0000
369	0.0000	-9.1062	0.0000
370	0.0000	-4.5531	0.0000
371	0.0000	-0.8803	0.0000
372	0.0000	-5.8803	0.0000
373	0.0000	-9.8803	0.0000
374	0.0000	-11.5422	0.0000
375	0.0000	-13.2041	0.0000
376	0.0000	-9.5028	0.0000
377	0.0000	-3.3007	0.0000
378	0.0000	-6.4462	0.0000
379	0.0000	-10.5733	0.0000
380	0.0000	-8.2538	0.0000
381	0.0000	-10.5706	0.0000
382	0.0000	-12.8893	0.0000
383	0.0000	-10.5725	0.0000
384	0.0000	-8.2542	0.0000
385	0.0000	-10.5733	0.0000
386	0.0000	-6.4462	0.0000
387	0.0000	-11.9530	0.0000
388	0.0000	-9.2370	0.0000
389	0.0000	-11.9530	0.0000
390	0.0000	-14.6090	0.0000
391	0.0000	-11.9530	0.0000
392	0.0000	-9.2370	0.0000
393	0.0000	-11.9530	0.0000
394	0.0000	-7.3045	0.0000
395	0.0000	-13.6606	0.0000
396	0.0000	-10.6251	0.0000
397	0.0000	-13.6606	0.0000
398	0.0000	-16.6960	0.0000
399	0.0000	-13.6606	0.0000
400	0.0000	-10.6251	0.0000
401	0.0000	-13.6606	0.0000
402	0.0000	-8.3480	0.0000
403	0.0000	-14.8217	0.0000
404	0.0000	-11.5283	0.0000
405	0.0000	-4.8217	0.0000
406	0.0000	-18.9615	0.0000
407	0.0000	-17.6071	0.0000
408	0.0000	-8.8038	0.0000
409	0.0000	-12.7358	0.0000
410	0.0000	-30.1827	0.0000
411	0.0000	-25.4687	0.0000
412	0.0000	-30.1804	0.0000
413	0.0000	-12.7366	0.0000
414	0.0000	-34.5279	0.0000
415	0.0000	-29.2159	0.0000

JOINT ANALYSIS

STEP 1 CASE-4 SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
416	0.0000	-34.5279	0.0000
417	0.0000	-14.6079	0.0000
418	0.0000	-39.4604	0.0000
419	0.0000	-33.3896	0.0000
420	0.0000	-39.4604	0.0000
421	0.0000	-16.6948	0.0000
422	0.0000	-42.8146	0.0000
423	0.0000	-29.1172	0.0000
424	0.0000	-15.4047	0.0000
425	0.0000	-13.9109	0.0000
426	0.0000	-27.8240	0.0000
427	0.0000	-27.8225	0.0000
428	0.0000	-27.8233	0.0000
429	0.0000	-13.9140	0.0000
430	0.0000	-32.3859	0.0000
431	0.0000	-32.3859	0.0000
432	0.0000	-32.3859	0.0000
433	0.0000	-16.1930	0.0000
434	0.0000	-37.0125	0.0000
435	0.0000	-37.0125	0.0000
436	0.0000	-37.0125	0.0000
437	0.0000	-18.5062	0.0000
438	0.0000	-37.8164	0.0000
439	0.0000	-22.2544	0.0000
440	0.0000	-10.4555	0.0000
441	0.0000	-20.9091	0.0000
442	0.0000	-20.9091	0.0000
443	0.0000	-20.9091	0.0000
444	0.0000	-10.4555	0.0000
445	0.0000	-24.6750	0.0000
446	0.0000	-24.6750	0.0000
447	0.0000	-24.6750	0.0000
448	0.0000	-12.3375	0.0000
449	0.0000	-28.2000	0.0000
450	0.0000	-28.2000	0.0000
451	0.0000	-28.2000	0.0000
452	0.0000	-14.1000	0.0000
453	0.0000	-21.8127	0.0000
454	0.0000	-6.9200	0.0000
455	0.0000	-7.7482	0.0000
456	0.0000	-15.4943	0.0000
457	0.0000	-15.4939	0.0000
458	0.0000	-15.4943	0.0000
459	0.0000	-7.7465	0.0000
460	0.0000	-18.5062	0.0000
461	0.0000	-18.5062	0.0000
462	0.0000	-18.5062	0.0000
463	0.0000	-9.2531	0.0000
464	0.0000	-21.1500	0.0000
465	0.0000	-21.1500	0.0000
466	0.0000	-21.1500	0.0000
467	0.0000	-12.8467	0.0000

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GRID POINT LOAD

GRID	PX	PY	MZ
468	0.0000	-10.2037	0.0000
469	0.0000	-9.5787	0.0000
470	0.0000	-19.1569	0.0000
471	0.0000	-19.1569	0.0000
472	0.0000	-19.1569	0.0000
473	0.0000	-9.5782	0.0000
474	0.0000	-23.1328	0.0000
475	0.0000	-23.1328	0.0000
476	0.0000	-23.1328	0.0000
477	0.0000	-11.5664	0.0000
478	0.0000	-26.4375	0.0000
479	0.0000	-27.3206	0.0000
480	0.0000	-26.3653	0.0000
481	0.0000	-17.3747	0.0000
482	0.0000	-7.1636	0.0000
483	0.0000	-10.5089	0.0000
484	0.0000	-21.0178	0.0000
485	0.0000	-21.0172	0.0000
486	0.0000	-21.0172	0.0000
487	0.0000	-10.5089	0.0000
488	0.0000	-25.7031	0.0000
489	0.0000	-25.7031	0.0000
490	0.0000	-25.7031	0.0000
491	0.0000	-12.8516	0.0000
492	0.0000	-29.3750	0.0000
493	0.0000	-33.7924	0.0000
494	0.0000	-27.5213	0.0000
495	0.0000	-11.2580	0.0000
496	0.0000	-10.3651	0.0000
497	0.0000	-20.7308	0.0000
498	0.0000	-20.7290	0.0000
499	0.0000	-20.7282	0.0000
500	0.0000	-10.3651	0.0000
501	0.0000	-25.7031	0.0000
502	0.0000	-25.7031	0.0000
503	0.0000	-25.7031	0.0000
504	0.0000	-12.8516	0.0000
505	0.0000	-29.3750	0.0000
506	0.0000	-33.1815	0.0000
507	0.0000	-21.4792	0.0000
508	0.0000	-7.2847	0.0000
509	0.0000	-14.5712	0.0000
510	0.0000	-14.6683	0.0000
511	0.0000	-15.4181	0.0000
512	0.0000	-9.0210	0.0000
513	0.0000	-23.7031	0.0000
514	0.0000	-26.3794	0.0000
515	0.0000	-25.7031	0.0000
516	0.0000	-12.8516	0.0000
517	0.0000	-31.2213	0.0000
518	0.0000	-25.1707	0.0000
519	0.0000	-10.6870	0.0000

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
520	0.0000	-5.0760	0.0000
521	0.0000	-10.1523	0.0000
522	0.0000	-10.7317	0.0000
523	0.0000	-10.0154	0.0000
524	0.0000	-5.8261	0.0000
525	0.0000	-11.6523	0.0000
526	0.0000	-12.3947	0.0000
527	0.0000	-10.8069	0.0000
528	0.0000	-7.8880	0.0000
529	0.0000	-19.4353	0.0000
530	0.0000	-22.8084	0.0000
531	0.0000	-20.2828	0.0000
532	0.0000	-11.4748	0.0000
533	0.0000	-12.9805	0.0000
534	0.0000	-16.1301	0.0000
535	0.0000	-14.0081	0.0000
536	0.0000	-5.1078	0.0000
537	0.0000	-0.2156	0.0000
538	0.0000	-10.8308	0.0000
539	0.0000	-11.0664	0.0000
540	0.0000	-7.0392	0.0000
541	0.0000	-21.4113	0.0000
542	0.0000	-23.6034	0.0000
543	0.0000	-19.5344	0.0000
544	0.0000	-14.5205	0.0000
545	0.0000	-8.4992	0.0000
546	0.0000	-11.8713	0.0000
547	0.0000	-5.4524	0.0000
548	0.0000	-5.0692	0.0000
549	0.0000	-10.1385	0.0000
550	0.0000	-10.7130	0.0000
551	0.0000	-10.1370	0.0000
552	0.0000	-20.5625	0.0000
553	0.0000	-17.5016	0.0000
554	0.0000	-12.0183	0.0000
555	0.0000	-7.7853	0.0000
556	0.0000	-7.8605	0.0000
557	0.0000	-15.7210	0.0000
558	0.0000	-16.5432	0.0000
559	0.0000	-14.8679	0.0000
560	0.0000	-9.8324	0.0000
561	0.0000	-19.7200	0.0000
562	0.0000	-23.8115	0.0000
563	0.0000	-13.1343	0.0000
564	0.0000	-15.4141	0.0000
565	0.0000	-14.1593	0.0000
566	0.0000	-13.2891	0.0000
567	0.0000	-8.1284	0.0000
568	0.0000	-7.7758	0.0000
569	0.0000	-15.5516	0.0000
570	0.0000	-16.2947	0.0000
571	0.0000	-16.3992	0.0000

STEP 1 CASE-4

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
572	0.0000	-6.1852	0.0000
573	0.0000	-13.9798	0.0000
574	0.0000	-15.2061	0.0000
575	0.0000	-13.4267	0.0000
576	0.0000	-10.5300	0.0000
577	0.0000	-2.6989	0.0000
578	0.0000	-7.6761	0.0000
579	0.0000	-15.3515	0.0000
580	0.0000	-15.9937	0.0000
581	0.0000	-14.5060	0.0000
582	0.0000	-7.8821	0.0000
583	0.0000	-14.0154	0.0000
584	0.0000	-17.2091	0.0000
585	0.0000	-15.8492	0.0000
586	0.0000	-9.9898	0.0000
587	0.0000	-13.1312	0.0000
588	0.0000	-15.2041	0.0000
589	0.0000	-12.2992	0.0000
590	0.0000	-5.7327	0.0000
591	0.0000	-8.3449	0.0000
592	0.0000	-16.6880	0.0000
593	0.0000	-17.2915	0.0000
594	0.0000	-17.3062	0.0000
595	0.0000	-6.1878	0.0000
596	0.0000	-13.9787	0.0000
597	0.0000	-15.2066	0.0000
598	0.0000	-9.9010	0.0000
599	0.0000	-3.1588	0.0000
600	0.0000	-8.1113	0.0000
601	0.0000	-14.0115	0.0000
602	0.0000	-17.6012	0.0000
603	0.0000	-9.1621	0.0000
604	0.0000	-7.4849	0.0000
605	0.0000	-14.9713	0.0000
606	0.0000	-15.4267	0.0000
607	0.0000	-14.1281	0.0000
608	0.0000	-3.1141	0.0000
609	0.0000	-13.7421	0.0000
610	0.0000	-5.1208	0.0000
611	0.0000	-7.3999	0.0000
612	0.0000	-14.8007	0.0000
613	0.0000	-15.1229	0.0000
614	0.0000	-15.9159	0.0000
615	0.0000	-5.9533	0.0000
616	0.0000	-16.6914	0.0000
617	0.0000	-12.8434	0.0000
618	0.0000	-2.9785	0.0000
619	0.0000	-4.1365	0.0000
620	0.0000	-5.7507	0.0000
621	0.0000	-11.3325	0.0000
622	0.0000	-11.2187	0.0000
623	0.0000	-10.5817	0.0000

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
624	0.0000	-4.0343	0.0000
625	0.0000	-3.0763	0.0000
626	0.0000	-12.1967	0.0000
627	0.0000	-10.8566	0.0000
628	0.0000	-11.0387	0.0000
629	0.0000	-9.1421	0.0000
630	0.0000	-7.5222	0.0000
631	0.0000	-13.2737	0.0000
632	0.0000	-11.7030	0.0000
633	0.0000	-14.3648	0.0000
634	0.0000	-6.4199	0.0000
635	0.0000	-9.2037	0.0000
636	0.0000	-15.0552	0.0000
637	0.0000	-11.7030	0.0000
638	0.0000	-15.0647	0.0000
639	0.0000	-13.4865	0.0000
640	0.0000	-6.2414	0.0000
641	0.0000	-2.9591	0.0000
642	0.0000	-12.4117	0.0000
643	0.0000	-19.1775	0.0000
644	0.0000	-13.5316	0.0000
645	0.0000	-16.9576	0.0000
646	0.0000	-13.3069	0.0000
647	0.0000	-17.0045	0.0000
648	0.0000	-26.1474	0.0000
649	0.0000	-18.2859	0.0000
650	0.0000	-20.7253	0.0000
651	0.0000	-13.2934	0.0000
652	0.0000	-17.0045	0.0000
653	0.0000	-26.1474	0.0000
654	0.0000	-18.2859	0.0000
655	0.0000	-16.8894	0.0000
656	0.0000	-7.7464	0.0000
657	0.0000	-17.0045	0.0000
658	0.0000	-26.1474	0.0000
659	0.0000	-18.2859	0.0000
660	0.0000	-14.2732	0.0000
661	0.0000	-5.1902	0.0000
662	0.0000	-16.6644	0.0000
663	0.0000	-25.6245	0.0000
664	0.0000	-17.9202	0.0000
665	0.0000	-13.0190	0.0000
666	0.0000	-4.0588	0.0000
667	0.0000	-8.1621	0.0000
668	0.0000	-12.5508	0.0000
669	0.0000	-8.7773	0.0000
670	0.0000	-6.3080	0.0000
671	0.0000	-1.9194	0.0000
1250	0.0000	-1.9925	0.0000
1290	0.0000	-3.9840	0.0000
1322	0.0000	-3.9830	0.0000
1354	0.0000	-3.9840	0.0000

STEP 1 CASE-4

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
1386	0.0000	-7.3045	0.0000
1413	0.0000	-14.6079	0.0000
1429	0.0000	-16.1930	0.0000
1444	0.0000	-12.3375	0.0000
1459	0.0000	-9.2531	0.0000
1473	0.0000	-11.5564	0.0000
1487	0.0000	-12.8516	0.0000
1500	0.0000	-12.8516	0.0000
1512	0.0000	-12.1753	0.0000
1528	0.0000	-0.5754	0.0000
1540	0.0000	-5.3409	0.0000
1560	0.0000	-0.0006	0.0000
1572	0.0000	-6.1863	0.0000
1582	0.0000	-0.0007	0.0000
1595	0.0000	-6.1878	0.0000
1600	0.0000	0.2345	0.0000
1615	0.0000	-5.3403	0.0000
1619	0.0000	1.4389	0.0000
1624	0.0000	-0.7029	0.0000
1628	0.0000	-2.0009	0.0000
1640	0.0000	-2.2714	0.0000
1258	0.0000	-2.2772	0.0000
1298	0.0000	-4.5531	0.0000
1330	0.0000	-4.5519	0.0000
1362	0.0000	-4.5531	0.0000
1394	0.0000	-9.3420	0.0000
1417	0.0000	-16.6948	0.0000
1433	0.0000	-18.5062	0.0000
1448	0.0000	-14.1000	0.0000
1463	0.0000	-0.5750	0.0000
1477	0.0000	-13.2187	0.0000
1491	0.0000	-14.6875	0.0000
1504	0.0000	-14.6875	0.0000
1516	0.0000	-13.7389	0.0000
1532	0.0000	-7.1806	0.0000
1545	0.0000	-7.2859	0.0000
1555	0.0000	-2.9874	0.0000
1266	0.0000	-2.4707	0.0000
1306	0.0000	-4.9401	0.0000
1338	0.0000	-4.9389	0.0000
1370	0.0000	-4.9401	0.0000
1402	0.0000	-9.0576	0.0000
1421	0.0000	-18.1138	0.0000
1437	0.0000	-19.9633	0.0000
1452	0.0000	-14.8927	0.0000
1467	0.0000	-9.0303	0.0000
1482	0.0000	-2.0523	0.0000

JOINT ANALYSIS

STEP 1 CASE-4 SUB STEP 0

LINE (DISTRIBUTED) LOAD

IAXS	SURF ID	CODE	GRID	FROM	TO	WA	WB	A	B
0	1	TV	552	242	242	0.000	75.000	0.000	0.000
0	1	VX	242	232	232	-75.000	-75.000	0.000	0.000
0	1	XV	440	242	242	0.000	9.750	0.000	0.000
0	1	VX	440	242	242	0.000	-19.500	0.000	0.000
0	1	VX	242	232	232	-19.500	-19.500	0.000	0.000
0	2	TV	273	439	439	15.500	0.000	0.000	0.000
0	2	VX	281	273	273	-15.500	-15.500	0.000	0.000
0	2	XV	273	439	439	-8.525	0.000	0.000	0.000
0	2	VX	273	439	439	-17.050	0.000	0.000	0.000
0	2	VX	281	273	273	-17.050	-17.050	0.000	0.000

BODY FORCE

ELEMENT NO.	FROM	TO	KX	KY
1	2000	2000	1.0000	0.3333

JOINT ANALYSIS

STEP 1

CASE-4

SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
232	0.0000	-2261.9520	0.0000
233	0.0000	-4071.5325	0.0000
234	0.0000	-3317.5643	0.0000
235	0.0000	-3015.9675	0.0000
236	0.0000	-1585.9838	0.0000
237	0.0000	-735.0000	0.0000
238	0.0000	-567.0000	0.0000
239	0.0000	-378.0000	0.0000
240	0.0000	-330.7500	0.0000
241	0.0000	-283.5000	0.0000
242	81.2691	-178.0129	0.0000
243	0.1706	-3.5774	0.0000
244	0.1706	-3.5774	0.0000
245	0.1706	-3.5774	0.0000
246	0.1706	-3.5774	0.0000
247	0.1706	-3.5774	0.0000
248	0.1706	-3.5774	0.0000
249	0.1706	-3.5774	0.0000
250	0.0853	-1.7888	0.0000
251	0.1871	-3.9226	0.0000
252	0.1871	-3.9226	0.0000
253	0.1871	-3.9226	0.0000
254	0.1871	-3.9226	0.0000
255	0.1871	-3.9226	0.0000
256	0.1871	-3.9226	0.0000
257	0.1871	-3.9226	0.0000
258	0.0936	-1.9613	0.0000
259	0.2138	-4.4830	0.0000
260	0.2138	-4.4830	0.0000
261	0.2138	-4.4830	0.0000
262	0.2138	-4.4830	0.0000
263	0.2138	-4.4830	0.0000
264	0.2138	-4.4830	0.0000
265	0.2138	-4.4830	0.0000
266	0.1069	-2.2416	0.0000
267	0.2320	-4.8641	0.0000
268	0.2320	-4.8641	0.0000
269	0.2320	-4.8641	0.0000
270	0.2710	-5.8239	0.0000
271	0.3101	-6.5003	0.0000
272	0.4393	-9.2089	0.0000
273	-22.0257	-126.2240	0.0000
274	0.0000	-195.3000	0.0000
275	0.0000	-227.8500	0.0000
276	0.0000	-390.6000	0.0000
277	0.0000	-649.6155	0.0000
278	0.0000	-908.6333	0.0000
279	0.0000	-1142.7156	0.0000
280	0.0000	-1402.4158	0.0000
281	0.0000	-1779.1158	0.0000
282	158.7415	-12.3033	0.0000
283	0.3395	-7.1158	0.0000

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

LOAD VECTOR

GRID	P (X)	P (Y)	P (Mz)
284	0.3395	-7.1172	0.0000
285	0.3395	-7.1172	0.0000
286	0.3395	-7.1172	0.0000
287	0.3395	-7.1172	0.0000
288	0.3395	-7.1172	0.0000
289	0.3395	-3.5886	0.0000
290	0.1697	-7.8433	0.0000
291	0.3741	-7.8433	0.0000
292	0.3741	-7.8433	0.0000
293	0.3741	-7.8433	0.0000
294	0.3741	-7.8433	0.0000
295	0.3741	-7.8433	0.0000
296	0.3741	-7.8433	0.0000
297	0.3741	-7.8433	0.0000
298	0.1871	-3.9216	0.0000
299	0.4276	-8.9637	0.0000
300	0.4276	-8.9637	0.0000
301	0.4276	-8.9637	0.0000
302	0.4276	-8.9637	0.0000
303	0.4276	-8.9637	0.0000
304	0.4276	-8.9637	0.0000
305	0.4276	-8.9637	0.0000
306	0.2138	-4.4818	0.0000
307	0.4639	-9.7257	0.0000
308	0.4639	-9.7257	0.0000
309	0.4639	-9.7257	0.0000
310	0.5419	-11.3616	0.0000
311	0.6200	-12.9974	0.0000
312	0.7750	-16.2471	0.0000
313	-40.2644	-51.0456	0.0000
314	153.0703	-11.9012	0.0000
315	0.3368	-7.0601	0.0000
316	0.3368	-7.0612	0.0000
317	0.3368	-7.0612	0.0000
318	0.3368	-7.0616	0.0000
319	0.3368	-7.0616	0.0000
320	0.3368	-7.0616	0.0000
321	0.3368	-7.0616	0.0000
322	0.1684	-3.5308	0.0000
323	0.3740	-7.8412	0.0000
324	0.3740	-7.8412	0.0000
325	0.3740	-7.8412	0.0000
326	0.3740	-7.8412	0.0000
327	0.3740	-7.8412	0.0000
328	0.3740	-7.8412	0.0000
329	0.3740	-7.8412	0.0000
330	0.1870	-3.9307	0.0000
331	0.4275	-8.9614	0.0000
332	0.4275	-8.9614	0.0000
333	0.4275	-8.9614	0.0000
334	0.4275	-8.9614	0.0000
335	0.4275	-8.9614	0.0000

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STEP 1 CASE-4

SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
336	0.4275	-8.9614	0.0000
337	0.4275	-8.9614	0.0000
338	0.2137	-4.4807	0.0000
339	0.4638	-9.7231	0.0000
340	0.4638	-9.7231	0.0000
341	0.4638	-9.7231	0.0000
342	0.5418	-11.3586	0.0000
343	0.6198	-12.9941	0.0000
344	0.6198	-12.9941	0.0000
345	-34.5924	-41.8951	0.0000
346	147.4782	-11.4608	0.0000
347	0.3343	-7.0096	0.0000
348	0.3343	-7.0096	0.0000
349	0.3343	-7.0096	0.0000
350	0.3343	-7.0096	0.0000
351	0.3344	-7.0096	0.0000
352	0.3344	-7.0096	0.0000
353	0.3344	-7.0096	0.0000
354	0.3672	-9.5048	0.0000
355	0.3741	-7.8433	0.0000
356	0.3741	-7.8433	0.0000
357	0.3741	-7.8433	0.0000
358	0.3741	-7.8433	0.0000
359	0.3741	-7.8433	0.0000
360	0.3741	-7.8433	0.0000
361	0.3741	-7.8433	0.0000
362	0.1871	-3.9216	0.0000
363	0.4276	-8.9637	0.0000
364	0.4276	-8.9637	0.0000
365	0.4276	-8.9637	0.0000
366	0.4276	-8.9637	0.0000
367	0.4276	-8.9637	0.0000
368	0.4276	-8.9637	0.0000
369	0.4276	-8.9637	0.0000
370	0.2138	-4.4818	0.0000
371	0.4639	-9.7257	0.0000
372	0.4639	-9.7257	0.0000
373	0.4639	-9.7257	0.0000
374	0.5419	-11.3616	0.0000
375	0.6200	-12.9974	0.0000
376	0.4650	-9.7478	0.0000
377	-28.9389	-32.7480	0.0000
378	210.0255	-17.5372	0.0000
379	0.4964	-10.4078	0.0000
380	0.3825	-8.1246	0.0000
381	0.4963	-10.4032	0.0000
382	0.6052	-12.6876	0.0000
383	0.4964	-10.4070	0.0000
384	0.3826	-8.1250	0.0000
385	0.4964	-10.4078	0.0000
386	0.3027	-6.3453	0.0000
387	0.5612	-11.7659	0.0000

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
388	0.4365	-9.1515	0.0000
389	0.5612	-1.7659	0.0000
390	0.6859	-14.3804	0.0000
391	0.5612	-11.7659	0.0000
392	0.4365	-9.1515	0.0000
393	0.5612	-1.7659	0.0000
394	0.3430	-7.1902	0.0000
395	0.6414	-13.4468	0.0000
396	0.4365	-10.4588	0.0000
397	0.6414	-13.4468	0.0000
398	0.7839	-16.4347	0.0000
399	0.6414	-13.4468	0.0000
400	0.4365	-10.4588	0.0000
401	0.6414	-13.4468	0.0000
402	0.3920	-8.2173	0.0000
403	0.6959	-14.5897	0.0000
404	0.5413	-11.3479	0.0000
405	0.6959	-14.5897	0.0000
406	0.8903	-18.6647	0.0000
407	0.8367	-17.3315	0.0000
408	-31.5932	-41.1144	0.0000
409	261.3339	-26.2551	0.0000
410	1.4172	-29.7103	0.0000
411	1.1958	-25.0701	0.0000
412	1.4171	-29.7060	0.0000
413	0.5930	-12.5373	0.0000
414	1.6212	-33.9875	0.0000
415	1.3718	-28.7586	0.0000
416	1.6312	-33.9875	0.0000
417	0.6559	-14.3793	0.0000
418	1.8528	-38.8428	0.0000
419	1.5677	-32.8670	0.0000
420	1.8528	-38.8428	0.0000
421	0.7339	-16.4335	0.0000
422	2.0103	-42.1445	0.0000
423	1.3671	-28.6615	0.0000
424	-22.5099	-38.7623	0.0000
425	242.5093	-26.1571	0.0000
426	1.3064	-27.3885	0.0000
427	1.3064	-27.3870	0.0000
428	1.3064	-27.3878	0.0000
429	0.6333	-13.6362	0.0000
430	1.5206	-31.8790	0.0000
431	1.5206	-31.8790	0.0000
432	1.5206	-31.8780	0.0000
433	0.7603	-15.9396	0.0000
434	1.7379	-36.4332	0.0000
435	1.7379	-36.4332	0.0000
436	1.7379	-36.4332	0.0000
437	0.8689	-18.2166	0.0000
438	1.7756	-37.2245	0.0000
439	-2.8341	-25.8392	0.0000

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JOINT ANALYSIS

STEP 1 CASE-4

LOAD VECTOR

GRID	P (X)	P (Y)	P (MZ)
440	170.3304	-18.8488	0.0000
441	0.9940	-20.5778	0.0000
442	0.9938	-20.5755	0.0000
443	0.9940	-20.5778	0.0000
444	0.4970	-10.2902	0.0000
445	1.1731	-24.2840	0.0000
446	1.1731	-24.2840	0.0000
447	1.1731	-24.2840	0.0000
448	0.5865	-12.1420	0.0000
449	1.3406	-27.7531	0.0000
450	1.3406	-27.7531	0.0000
451	1.3406	-27.7531	0.0000
452	0.6703	-13.8766	0.0000
453	1.0349	-21.4677	0.0000
454	0.3270	-6.8110	0.0000
455	120.3951	-12.6428	0.0000
456	0.7901	-15.2309	0.0000
457	0.7900	-15.2306	0.0000
458	0.7901	-15.2309	0.0000
459	0.3950	-7.6148	0.0000
460	0.9437	-18.1916	0.0000
461	0.9437	-18.1916	0.0000
462	0.9437	-18.1916	0.0000
463	0.4719	-9.0958	0.0000
464	1.0786	-20.7905	0.0000
465	1.0786	-20.7905	0.0000
466	1.0786	-20.7905	0.0000
467	0.6593	-12.6269	0.0000
468	0.5139	-10.0324	0.0000
469	143.3841	-16.5634	0.0000
470	1.0650	-18.8019	0.0000
471	1.0650	-18.8019	0.0000
472	1.0650	-18.8019	0.0000
473	0.5325	-9.4007	0.0000
474	1.2863	-22.7040	0.0000
475	1.2863	-22.7040	0.0000
476	1.2863	-22.7040	0.0000
477	0.5431	-11.3520	0.0000
478	1.4700	-25.9475	0.0000
479	1.5211	-26.8136	0.0000
480	1.4658	-25.8767	0.0000
481	0.9640	-17.0534	0.0000
482	0.2842	-7.0689	0.0000
483	150.2466	-17.7884	0.0000
484	1.2744	-20.5930	0.0000
485	1.2744	-20.5924	0.0000
486	1.2744	-20.5924	0.0000
487	0.6372	-10.2965	0.0000
488	1.5589	-25.1835	0.0000
489	1.5589	-25.1835	0.0000
490	1.5589	-25.1835	0.0000
491	0.7794	-12.5918	0.0000

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
492	1.7816	-25.7811	0.0000
493	2.0518	-33.1065	0.0000
494	1.6647	-26.9664	0.0000
495	0.6679	-11.0354	0.0000
496	140.5311	-17.1617	0.0000
497	1.3748	-20.2725	0.0000
498	1.3746	-20.2708	0.0000
499	1.3746	-20.2701	0.0000
500	0.6874	-10.1360	0.0000
501	1.7048	-25.1348	0.0000
502	1.7048	-25.1348	0.0000
503	1.7048	-25.1348	0.0000
504	0.8524	-12.5675	0.0000
505	1.9484	-28.7255	0.0000
506	2.1966	-32.4493	0.0000
507	1.4119	-21.0086	0.0000
508	94.3207	-11.8223	0.0000
509	1.0254	-14.2294	0.0000
510	1.0325	-14.3241	0.0000
511	1.0898	-15.0548	0.0000
512	0.6429	-8.8067	0.0000
513	1.8509	-25.0861	0.0000
514	1.9015	-25.7456	0.0000
515	1.8509	-25.0961	0.0000
516	0.9254	-12.5431	0.0000
517	2.2535	-30.4701	0.0000
518	1.8026	-24.5698	0.0000
519	0.7602	-10.4336	0.0000
520	63.1048	-8.1006	0.0000
521	0.7597	-9.8991	0.0000
522	0.8032	-10.4640	0.0000
523	0.7504	-9.7653	0.0000
524	70.0219	-9.1788	0.0000
525	0.9048	-11.3507	0.0000
526	0.9624	-12.0739	0.0000
527	0.8414	-10.5264	0.0000
528	0.6016	-7.6875	0.0000
529	1.4837	-18.9407	0.0000
530	1.7451	-22.2267	0.0000
531	1.5509	-19.7658	0.0000
532	0.8812	-11.1811	0.0000
533	0.9916	-12.6500	0.0000
534	1.2347	-15.7185	0.0000
535	1.0634	-13.6536	0.0000
536	59.2158	-7.9176	0.0000
537	0.8227	-9.9414	0.0000
538	0.8722	-10.5401	0.0000
539	0.8949	-10.7681	0.0000
540	0.5044	-6.8711	0.0000
541	1.7569	-20.8257	0.0000
542	1.9383	-22.9573	0.0000
543	1.6000	-19.0011	0.0000

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
544	1.1898	-14.1239	0.0000
545	0.6308	-8.2889	0.0000
546	0.9656	-11.5034	0.0000
547	0.4427	-5.9048	0.0000
548	56.5684	-7.7233	0.0000
549	0.8496	-9.8553	0.0000
550	0.8977	-10.4138	0.0000
551	0.8502	-9.8556	0.0000
552	1.7552	-19.9774	0.0000
553	1.4934	-17.0038	0.0000
554	1.0260	-11.6763	0.0000
555	0.4090	-7.5490	0.0000
556	83.2861	-11.7758	0.0000
557	1.2823	-15.2602	0.0000
558	1.4545	-16.0584	0.0000
559	1.3106	-14.4310	0.0000
560	0.8499	-9.5491	0.0000
561	0.6813	-19.1596	0.0000
562	2.0338	-23.1336	0.0000
563	1.1756	-12.7424	0.0000
564	1.3798	-14.5542	0.0000
565	1.2643	-13.7379	0.0000
566	1.1849	-12.8941	0.0000
567	0.7220	-7.8877	0.0000
568	77.6314	-11.4016	0.0000
569	1.4178	-15.0790	0.0000
570	1.4855	-15.7995	0.0000
571	1.4975	-15.9000	0.0000
572	0.5615	-5.9980	0.0000
573	1.2937	-13.5486	0.0000
574	1.4111	-14.7357	0.0000
575	1.2463	-13.0113	0.0000
576	0.9761	-10.2046	0.0000
577	0.3390	-3.5559	0.0000
578	70.8391	-10.9325	0.0000
579	1.4881	-14.8555	0.0000
580	1.5503	-15.4769	0.0000
581	1.4086	-14.0365	0.0000
582	0.7617	-7.6282	0.0000
583	1.3388	-13.5691	0.0000
584	1.6455	-16.6606	0.0000
585	1.5151	-15.9442	0.0000
586	0.9524	-9.6723	0.0000
587	1.2940	-12.6999	0.0000
588	1.4979	-14.7048	0.0000
589	0.2105	-1.8248	0.0000
590	0.5636	-5.5448	0.0000
591	71.2465	-11.5978	0.0000
592	1.6799	-16.1280	0.0000
593	1.7412	-16.7171	0.0000
594	1.7437	-16.7250	0.0000
595	0.6174	-5.9820	0.0000

JOINT ANALYSIS

STEP 1 CASE-4 SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
596	1.4186	-13.5058	0.0000
597	1.5650	-14.8589	0.0000
598	1.0063	-9.5656	0.0000
599	0.3202	-3.0521	0.0000
600	0.8586	-7.8311	0.0000
601	1.4637	-13.5236	0.0000
602	1.8411	-16.9875	0.0000
603	0.9558	-8.8435	0.0000
604	57.9716	-10.0247	0.0000
605	1.5867	-14.4424	0.0000
606	1.6349	-14.8817	0.0000
607	1.5004	-13.6280	0.0000
608	1.4107	-12.6439	0.0000
609	1.4779	-13.2495	0.0000
610	0.5501	-4.9374	0.0000
611	51.9043	-9.5900	0.0000
612	1.6303	-14.2573	0.0000
613	1.6655	-14.5677	0.0000
614	1.7542	-15.9312	0.0000
615	0.6484	-5.7372	0.0000
616	1.8539	-16.0734	0.0000
617	1.4287	-12.3672	0.0000
618	0.3302	-2.8684	0.0000
619	0.3699	-4.0132	0.0000
620	35.4303	-1.4956	0.0000
621	1.2910	-10.5022	0.0000
622	1.2776	-10.7928	0.0000
623	1.2088	-10.1788	0.0000
624	0.4561	-3.8823	0.0000
625	0.3517	-2.9591	0.0000
626	1.3872	-11.7343	0.0000
627	1.2339	-10.4453	0.0000
628	1.3721	-10.5813	0.0000
629	1.1102	-8.7720	0.0000
630	33.2608	5.3708	0.0000
631	1.6464	-12.8249	0.0000
632	1.4379	-11.2237	0.0000
633	1.7691	-13.7751	0.0000
634	0.7810	-6.1596	0.0000
635	29.9017	2.3886	0.0000
636	2.0171	-14.3828	0.0000
637	1.5640	-11.1817	0.0000
638	2.0129	-14.3937	0.0000
639	1.8029	-12.8855	0.0000
640	0.5307	-6.0645	0.0000
641	0.4598	-2.8058	0.0000
642	29.6066	-7.9647	0.0000
643	3.0164	-8.1720	0.0000
644	2.1268	-12.8227	0.0000
645	2.6629	-16.0700	0.0000
646	2.0819	-12.6129	0.0000
647	32.3049	-16.0018	0.0000

STEP 1 CASE-4

SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
648	4.6254	-24.6056	0.0000
649	3.2347	-17.2077	0.0000
650	3.6505	-19.5085	0.0000
651	2.3134	-12.5283	0.0000
652	22.9962	-15.8495	0.0000
653	5.3280	-24.3714	0.0000
654	3.7261	-17.0739	0.0000
655	3.4259	-15.7474	0.0000
656	1.5629	-7.2254	0.0000
657	13.6784	-15.7002	0.0000
658	6.0166	-24.1419	0.0000
659	4.2077	-16.8833	0.0000
660	3.2768	-13.1809	0.0000
661	1.1730	-4.7392	0.0000
662	5.8922	-15.2429	0.0000
663	6.5576	-23.4886	0.0000
664	4.5860	-16.3915	0.0000
665	3.3300	-11.9090	0.0000
666	1.0369	-3.7132	0.0000
667	2.1963	-7.4300	0.0000
668	3.3772	-11.4351	0.0000
669	2.3618	-7.9900	0.0000
670	1.6974	-5.7452	0.0000
671	0.3165	-1.7472	0.0000
1250	0.0936	-1.9613	0.0000
1290	0.1871	-3.9216	0.0000
1322	0.1870	-3.9207	0.0000
1354	0.1871	-3.9216	0.0000
1386	0.3430	-7.1902	0.0000
1413	0.6859	-14.3733	0.0000
1429	0.7603	-15.9396	0.0000
1444	0.5863	-12.1420	0.0000
1459	0.4719	-9.0958	0.0000
1473	0.6431	-11.3520	0.0000
1487	0.7794	-12.5918	0.0000
1500	0.8324	-12.5675	0.0000
1512	0.8748	-11.8837	0.0000
1528	1.2500	-8.0467	0.0000
1540	0.5109	-5.1706	0.0000
1560	1.7046	-9.2648	0.0000
1572	0.5684	-5.9913	0.0000
1582	1.5279	-7.3735	0.0000
1595	0.6240	-5.9798	0.0000
1600	1.6949	-7.3178	0.0000
1615	0.5845	-5.1455	0.0000
1619	0.7677	-2.4417	0.0000
1624	0.0888	-0.6733	0.0000
1628	0.2456	-1.9190	0.0000
1640	0.5172	-2.0790	0.0000
1258	0.0699	-2.2416	0.0000
1298	0.2138	-4.4818	0.0000
1330	0.2137	-4.4807	0.0000

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
1362	0.2138	-4.4818	0.0000
1394	0.3920	-8.2173	0.0000
1417	0.7839	-16.4335	0.0000
1433	0.8689	-18.2166	0.0000
1448	0.6103	-13.8766	0.0000
1463	0.5393	-0.3952	0.0000
1477	0.7350	-12.9737	0.0000
1491	0.8908	-14.3906	0.0000
1504	0.9742	-14.3628	0.0000
1516	0.9597	-13.4100	0.0000
1532	0.5451	-6.9989	0.0000
1545	0.6603	-7.0658	0.0000
1555	0.4980	-2.8214	0.0000
1266	0.1160	-2.4320	0.0000
1306	0.2320	-4.8628	0.0000
1338	0.2319	-4.8616	0.0000
1370	0.2320	-4.8628	0.0000
1402	0.4359	-8.9158	0.0000
1421	0.8505	-17.8303	0.0000
1437	0.9373	-19.6509	0.0000
1452	0.7079	-14.6567	0.0000
1467	0.4568	-8.8780	0.0000
1482	0.2168	-1.9800	0.0000

STEP	TIMES	RESIDUAL FORCE	DISPLACEMENT
1	0	1.00000E+00	1.00000E+00
1	1	1.93746E-01	1.016831E+00
1	2	6.81534E-01	5.356020E-01
1	3	3.29145E-01	5.90020E+00
1	4	1.71186E-01	1.27524E-02
1	5	4.30526E-01	9.176029E-02
1	6	8.83348E-01	5.648667E-01
1	7	5.44336E-02	1.45834E-03
1	8	1.657506E-01	3.146980E-02
1	9	1.198445E-01	1.788518E-01
1	10	1.201885E-02	2.497671E-04

4.071532E+03	4.071532E+03	4.071532E+03
7.969883E+02	2.774898E+03	4.071532E+03
1.340126E+03	6.967148E+02	4.071532E+03
1.752902E+03	3.598959E+03	4.071532E+03
2.220751E+02	6.748589E+02	4.071532E+03
4.879506E+02	4.893515E+01	4.071532E+03

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

SUPPORT REACTION FORCE

GRID	LOCAL	REACTION(X)	REACTION(Y)	REACTION(Z)	REACTION(MX)	REACTION(MY)	REACTION(MZ)
1	0	780.891878	2102.528595	0.000000	0.000000	0.000000	0.000000
2	0	-140.713289	3751.298600	0.000000	0.000000	0.000000	0.000000
3	0	-210.246644	2987.997390	0.000000	0.000000	0.000000	0.000000
4	0	-253.860882	2538.874315	0.000000	0.000000	0.000000	0.000000
5	0	-219.763112	1930.347096	0.000000	0.000000	0.000000	0.000000
6	0	-150.267157	1184.093763	0.000000	0.000000	0.000000	0.000000
7	0	-123.496590	1308.728145	0.000000	0.000000	0.000000	0.000000
8	0	-255.403610	1613.291092	0.000000	0.000000	0.000000	0.000000
9	0	-372.234280	1984.222311	0.000000	0.000000	0.000000	0.000000
10	0	-409.914008	1874.857037	0.000000	0.000000	0.000000	0.000000
11	0	-351.337530	1454.729729	0.000000	0.000000	0.000000	0.000000
12	0	-372.606336	1525.343116	0.000000	0.000000	0.000000	0.000000
13	0	-360.720558	1696.981753	0.000000	0.000000	0.000000	0.000000
14	0	-238.223380	1866.126419	0.000000	0.000000	0.000000	0.000000
15	0	-503.818937	992.133151	0.000000	0.000000	0.000000	0.000000
16	0	1278.078195	0.000000	0.000000	0.000000	0.000000	0.000000
30	0	-1073.596354	0.000000	0.000000	0.000000	0.000000	0.000000
31	0	823.161397	0.000000	0.000000	0.000000	0.000000	0.000000
45	0	-877.545501	0.000000	0.000000	0.000000	0.000000	0.000000
46	0	608.093582	0.000000	0.000000	0.000000	0.000000	0.000000
66	0	-674.999063	0.000000	0.000000	0.000000	0.000000	0.000000
67	0	463.954379	0.000000	0.000000	0.000000	0.000000	0.000000
87	0	-496.864401	0.000000	0.000000	0.000000	0.000000	0.000000
88	0	271.966465	0.000000	0.000000	0.000000	0.000000	0.000000
120	0	-275.871147	0.000000	0.000000	0.000000	0.000000	0.000000
121	0	219.899002	0.000000	0.000000	0.000000	0.000000	0.000000
153	0	-213.254314	0.000000	0.000000	0.000000	0.000000	0.000000
232	0	113.959263	0.000000	0.000000	0.000000	0.000000	0.000000
281	0	-96.457446	0.000000	0.000000	0.000000	0.000000	0.000000

TOTAL REACTION (IN GLOBAL) -3171.190976 28911.552513 0.000000 0.000000 0.000000

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STEP 1 CASE-4 座位

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
1	0.000000	0.000000	0.000000	0.000000
2	0.000000	0.000000	0.000000	0.000000
3	0.000000	0.000000	0.000000	0.000000
4	0.000000	0.000000	0.000000	0.000000
5	0.000000	0.000000	0.000000	0.000000
6	0.000000	0.000000	0.000000	0.000000
7	0.000000	0.000000	0.000000	0.000000
8	0.000000	0.000000	0.000000	0.000000
9	0.000000	0.000000	0.000000	0.000000
10	0.000000	0.000000	0.000000	0.000000
11	0.000000	0.000000	0.000000	0.000000
12	0.000000	0.000000	0.000000	0.000000
13	0.000000	0.000000	0.000000	0.000000
14	0.000000	0.000000	0.000000	0.000000
15	0.000000	0.000000	0.000000	0.000000
16	0.000000	0.000000	0.000000	0.000000
17	0.003032	-0.003032	0.003032	-0.003032
18	0.006063	-0.006063	0.006063	-0.006063
19	0.009097	-0.009097	0.009097	-0.009097
20	0.009957	-0.009957	0.009957	-0.009957
21	0.001027	-0.001027	0.001027	-0.001027
22	0.001088	-0.001088	0.001088	-0.001088
23	0.001178	-0.001178	0.001178	-0.001178
24	0.001279	-0.001279	0.001279	-0.001279
25	0.001355	-0.001355	0.001355	-0.001355
26	0.001324	-0.001324	0.001324	-0.001324
27	0.001198	-0.001198	0.001198	-0.001198
28	0.000925	-0.000925	0.000925	-0.000925
29	0.000523	-0.000523	0.000523	-0.000523
30	0.000000	-0.000000	0.000000	-0.000000
31	0.000000	-0.000000	0.000000	-0.000000
32	0.005520	-0.005520	0.005520	-0.005520
33	0.000944	-0.000944	0.000944	-0.000944
34	0.001282	-0.001282	0.001282	-0.001282
35	0.001557	-0.001557	0.001557	-0.001557
36	0.001693	-0.001693	0.001693	-0.001693
37	0.001745	-0.001745	0.001745	-0.001745
38	0.001867	-0.001867	0.001867	-0.001867
39	0.002025	-0.002025	0.002025	-0.002025
40	0.002142	-0.002142	0.002142	-0.002142
41	0.002028	-0.002028	0.002028	-0.002028
42	0.001764	-0.001764	0.001764	-0.001764
43	0.001300	-0.001300	0.001300	-0.001300
44	0.000711	-0.000711	0.000711	-0.000711
45	0.000000	-0.000000	0.000000	-0.000000
46	0.000000	-0.000000	0.000000	-0.000000
47	0.000382	-0.000382	0.000382	-0.000382
48	0.001081	-0.001081	0.001081	-0.001081
49	0.001519	-0.001519	0.001519	-0.001519
50	0.001910	-0.001910	0.001910	-0.001910
51	0.002042	-0.002042	0.002042	-0.002042
52	0.002127	-0.002127	0.002127	-0.002127

JOINT ANALYSIS

STEP 1 CASE-4

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
53	0.002163	-0.006223	0.002163	-0.006223
54	0.002203	-0.006219	0.002203	-0.006219
55	0.002254	-0.006211	0.002254	-0.006211
56	0.002307	-0.006188	0.002307	-0.006188
57	0.002383	-0.006141	0.002383	-0.006141
58	0.002446	-0.006054	0.002446	-0.006054
59	0.002511	-0.005885	0.002511	-0.005885
60	0.002577	-0.005567	0.002577	-0.005567
61	0.002556	-0.005184	0.002556	-0.005184
62	0.002331	-0.004231	0.002331	-0.004231
63	0.001925	-0.003459	0.001925	-0.003459
64	0.001353	-0.002818	0.001353	-0.002818
65	0.000722	-0.002246	0.000722	-0.002246
66	0.000000	-0.002317	0.000000	-0.002317
67	0.000000	-0.008989	0.000000	-0.008989
68	0.000599	-0.008932	0.000599	-0.008932
69	0.001130	-0.008771	0.001130	-0.008771
70	0.001653	-0.008487	0.001653	-0.008487
71	0.002231	-0.008005	0.002231	-0.008005
72	0.002844	-0.007489	0.002844	-0.007489
73	0.002593	-0.007543	0.002593	-0.007543
74	0.002633	-0.007582	0.002633	-0.007582
75	0.002691	-0.007650	0.002691	-0.007650
76	0.002765	-0.007708	0.002765	-0.007708
77	0.002845	-0.007738	0.002845	-0.007738
78	0.002915	-0.007702	0.002915	-0.007702
79	0.002965	-0.007597	0.002965	-0.007597
80	0.003000	-0.007473	0.003000	-0.007473
81	0.003009	-0.006951	0.003009	-0.006951
82	0.002926	-0.006230	0.002926	-0.006230
83	0.002395	-0.004829	0.002395	-0.004829
84	0.001349	-0.003921	0.001349	-0.003921
85	0.001246	-0.003232	0.001246	-0.003232
86	0.000657	-0.002854	0.000657	-0.002854
87	0.000000	-0.002725	0.000000	-0.002725
88	0.000000	-0.008933	0.000000	-0.008933
89	0.000590	-0.009838	0.000590	-0.009838
90	0.001112	-0.009685	0.001112	-0.009685
91	0.001642	-0.009413	0.001642	-0.009413
92	0.002340	-0.008894	0.002340	-0.008894
93	0.002361	-0.008681	0.002361	-0.008681
94	0.002742	-0.008454	0.002742	-0.008454
95	0.002895	-0.008234	0.002895	-0.008234
96	0.002948	-0.008189	0.002948	-0.008189
97	0.002975	-0.008230	0.002975	-0.008230
98	0.003010	-0.008297	0.003010	-0.008297
99	0.003049	-0.008377	0.003049	-0.008377
100	0.003105	-0.008474	0.003105	-0.008474
101	0.003184	-0.008568	0.003184	-0.008568
102	0.003248	-0.008616	0.003248	-0.008616
103	0.003305	-0.008630	0.003305	-0.008630
104	0.003351	-0.008625	0.003351	-0.008625

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
105	0.003381	-0.008599	0.003381	-0.008599
106	0.003394	-0.008552	0.003394	-0.008552
107	0.003401	-0.008497	0.003401	-0.008497
108	0.003380	-0.008433	0.003380	-0.008433
109	0.003343	-0.008345	0.003343	-0.008345
110	0.003313	-0.008238	0.003313	-0.008238
111	0.003283	-0.008057	0.003283	-0.008057
112	0.003250	-0.007731	0.003250	-0.007731
113	0.003142	-0.007229	0.003142	-0.007229
114	0.002979	-0.006686	0.002979	-0.006686
115	0.002751	-0.006067	0.002751	-0.006067
116	0.002228	-0.005065	0.002228	-0.005065
117	0.001666	-0.004124	0.001666	-0.004124
118	0.001121	-0.003446	0.001121	-0.003446
119	0.000599	-0.003076	0.000599	-0.003076
120	0.000000	-0.002948	0.000000	-0.002948
121	0.000000	-0.010496	0.000000	-0.010496
122	0.000578	-0.010443	0.000578	-0.010443
123	0.001085	-0.010295	0.001085	-0.010295
124	0.001596	-0.010038	0.001596	-0.010038
125	0.002326	-0.009528	0.002326	-0.009528
126	0.002573	-0.009317	0.002573	-0.009317
127	0.002879	-0.009057	0.002879	-0.009057
128	0.003201	-0.008670	0.003201	-0.008670
129	0.003310	-0.008476	0.003310	-0.008476
130	0.003327	-0.008387	0.003327	-0.008387
131	0.003394	-0.008309	0.003394	-0.008309
132	0.003503	-0.008005	0.003503	-0.008005
133	0.003613	-0.009116	0.003613	-0.009116
134	0.003675	-0.009202	0.003675	-0.009202
135	0.003743	-0.009322	0.003743	-0.009322
136	0.003846	-0.009363	0.003846	-0.009363
137	0.003916	-0.009239	0.003916	-0.009239
138	0.003881	-0.009089	0.003881	-0.009089
139	0.003830	-0.009107	0.003830	-0.009107
140	0.003838	-0.009119	0.003838	-0.009119
141	0.003840	-0.008945	0.003840	-0.008945
142	0.003719	-0.008755	0.003719	-0.008755
143	0.003586	-0.008757	0.003586	-0.008757
144	0.003492	-0.008728	0.003492	-0.008728
145	0.003402	-0.008306	0.003402	-0.008306
146	0.003191	-0.007568	0.003191	-0.007568
147	0.002892	-0.006875	0.002892	-0.006875
148	0.002511	-0.006174	0.002511	-0.006174
149	0.001998	-0.005183	0.001998	-0.005183
150	0.001486	-0.004486	0.001486	-0.004486
151	0.001021	-0.003593	0.001021	-0.003593
152	0.000555	-0.003227	0.000555	-0.003227
153	0.000000	-0.003100	0.000000	-0.003100
154	0.002533	-0.002859	0.002533	-0.002859
155	0.002857	-0.002857	0.002857	-0.002857
156	0.003075	-0.002156	0.003075	-0.002156

JOINT ANALYSIS

STEP 1 CASE-4 SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
157	0.003303	-0.008974	0.003303	-0.008974
158	0.003482	-0.008729	0.003482	-0.008729
159	0.003589	-0.008542	0.003589	-0.008542
160	0.003603	-0.008581	0.003603	-0.008581
161	0.003628	-0.008710	0.003628	-0.008710
162	0.003654	-0.008890	0.003654	-0.008890
163	0.003701	-0.009106	0.003701	-0.009106
164	0.003785	-0.009313	0.003785	-0.009313
165	0.003873	-0.009462	0.003873	-0.009462
166	0.003967	-0.009513	0.003967	-0.009513
167	0.004042	-0.009457	0.004042	-0.009457
168	0.004039	-0.009391	0.004039	-0.009391
169	0.004023	-0.009432	0.004023	-0.009432
170	0.004019	-0.009558	0.004019	-0.009558
171	0.004029	-0.009710	0.004029	-0.009710
172	0.004089	-0.009839	0.004089	-0.009839
173	0.004166	-0.009895	0.004166	-0.009895
174	0.004260	-0.009805	0.004260	-0.009805
175	0.004325	-0.009546	0.004325	-0.009546
176	0.004252	-0.009260	0.004252	-0.009260
177	0.004164	-0.009177	0.004164	-0.009177
178	0.004097	-0.009247	0.004097	-0.009247
179	0.004049	-0.009372	0.004049	-0.009372
180	0.004061	-0.009495	0.004061	-0.009495
181	0.004097	-0.009560	0.004097	-0.009560
182	0.004154	-0.009474	0.004154	-0.009474
183	0.004192	-0.009196	0.004192	-0.009196
184	0.004081	-0.008902	0.004081	-0.008902
185	0.003960	-0.008821	0.003960	-0.008821
186	0.003862	-0.008886	0.003862	-0.008886
187	0.003786	-0.008995	0.003786	-0.008995
188	0.003743	-0.009100	0.003743	-0.009100
189	0.003699	-0.009112	0.003699	-0.009112
190	0.003486	-0.008605	0.003486	-0.008605
191	0.003095	-0.007647	0.003095	-0.007647
192	0.002685	-0.006896	0.002685	-0.006896
193	0.002313	-0.006214	0.002313	-0.006214
194	0.002815	-0.005569	0.002815	-0.005569
195	0.003024	-0.005385	0.003024	-0.005385
196	0.003291	-0.005162	0.003291	-0.005162
197	0.003583	-0.004868	0.003583	-0.004868
198	0.003777	-0.004506	0.003777	-0.004506
199	0.003819	-0.004557	0.003819	-0.004557
200	0.003864	-0.004747	0.003864	-0.004747
201	0.003926	-0.005001	0.003926	-0.005001
202	0.003988	-0.005274	0.003988	-0.005274
203	0.004044	-0.005534	0.004044	-0.005534
204	0.004107	-0.005741	0.004107	-0.005741
205	0.004185	-0.005877	0.004185	-0.005877
206	0.004300	-0.005922	0.004300	-0.005922
207	0.004241	-0.0059373	0.004241	-0.0059373
208	0.004225	-0.0059510	0.004225	-0.0059510

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
209	0.004231	-0.009698	0.004231	-0.009698
210	0.004252	-0.009911	0.004252	-0.009911
211	0.004278	-0.010103	0.004278	-0.010103
212	0.004321	-0.010220	0.004321	-0.010220
213	0.004390	-0.010235	0.004390	-0.010235
214	0.004515	-0.009685	0.004515	-0.009685
215	0.004379	-0.009137	0.004379	-0.009137
216	0.004310	-0.009176	0.004310	-0.009176
217	0.004269	-0.009308	0.004269	-0.009308
218	0.004245	-0.009501	0.004245	-0.009501
219	0.004228	-0.009594	0.004228	-0.009594
220	0.004230	-0.009823	0.004230	-0.009823
221	0.004262	-0.009857	0.004262	-0.009857
222	0.004357	-0.009312	0.004357	-0.009312
223	0.004186	-0.008773	0.004186	-0.008773
224	0.004088	-0.008823	0.004088	-0.008823
225	0.004029	-0.008955	0.004029	-0.008955
226	0.003990	-0.009123	0.003990	-0.009123
227	0.003937	-0.009287	0.003937	-0.009287
228	0.003862	-0.009328	0.003862	-0.009328
229	0.003511	-0.008734	0.003511	-0.008734
230	0.003954	-0.007638	0.003954	-0.007638
231	0.003525	-0.006894	0.003525	-0.006894
232	0.003000	-0.011098	0.003000	-0.011098
233	0.003562	-0.011046	0.003562	-0.011046
234	0.001047	-0.010904	0.001047	-0.010904
235	0.001523	-0.010662	0.001523	-0.010662
236	0.002216	-0.010175	0.002216	-0.010175
237	0.002452	-0.009996	0.002452	-0.009996
238	0.002156	-0.009742	0.002156	-0.009742
239	0.002346	-0.009576	0.002346	-0.009576
240	0.003193	-0.009356	0.003193	-0.009356
241	0.003455	-0.009128	0.003455	-0.009128
242	0.004039	-0.008461	0.004039	-0.008461
243	0.004203	-0.008511	0.004203	-0.008511
244	0.004316	-0.008798	0.004316	-0.008798
245	0.004388	-0.009111	0.004388	-0.009111
246	0.004327	-0.009436	0.004327	-0.009436
247	0.004471	-0.009749	0.004471	-0.009749
248	0.004501	-0.010034	0.004501	-0.010034
249	0.004542	-0.010244	0.004542	-0.010244
250	0.004434	-0.010547	0.004434	-0.010547
251	0.004570	-0.009355	0.004570	-0.009355
252	0.004570	-0.009555	0.004570	-0.009555
253	0.004582	-0.009836	0.004582	-0.009836
254	0.004593	-0.010110	0.004593	-0.010110
255	0.004601	-0.010364	0.004601	-0.010364
256	0.004610	-0.010570	0.004610	-0.010570
257	0.004634	-0.010654	0.004634	-0.010654
258	0.004879	-0.010845	0.004879	-0.010845
259	0.004612	-0.009049	0.004612	-0.009049
260	0.004589	-0.009150	0.004589	-0.009150

JOINT ANALYSIS

STEP 1 CASE-4

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
261	0.004571	-0.009373	0.004571	-0.009373
262	0.004551	-0.009622	0.004551	-0.009622
263	0.004522	-0.009884	0.004522	-0.009884
264	0.004491	-0.010105	0.004491	-0.010105
265	0.004459	-0.010203	0.004459	-0.010203
266	0.004422	-0.010358	0.004422	-0.010358
267	0.004381	-0.008690	0.004381	-0.008690
268	0.004338	-0.008811	0.004338	-0.008811
269	0.004310	-0.009043	0.004310	-0.009043
270	0.004288	-0.009270	0.004288	-0.009270
271	0.004240	-0.009483	0.004240	-0.009483
272	0.004139	-0.009547	0.004139	-0.009547
273	0.003503	-0.008818	0.003503	-0.008818
274	0.002659	-0.007588	0.002659	-0.007588
275	0.002362	-0.006913	0.002362	-0.006913
276	0.002073	-0.006261	0.002073	-0.006261
277	0.001647	-0.005292	0.001647	-0.005292
278	0.001278	-0.004403	0.001278	-0.004403
279	0.000911	-0.003746	0.000911	-0.003746
280	0.000511	-0.003383	0.000511	-0.003383
281	0.000000	-0.003255	0.000000	-0.003255
282	0.0005884	-0.007449	0.0005884	-0.007449
283	0.005490	-0.008305	0.005490	-0.008305
284	0.005372	-0.008798	0.005372	-0.008798
285	0.005328	-0.009268	0.005328	-0.009268
286	0.005312	-0.009723	0.005312	-0.009723
287	0.005312	-0.010172	0.005312	-0.010172
288	0.005339	-0.010622	0.005339	-0.010622
289	0.005436	-0.011118	0.005436	-0.011118
290	0.005633	-0.011793	0.005633	-0.011793
291	0.005416	-0.009148	0.005416	-0.009148
292	0.005319	-0.009651	0.005319	-0.009651
293	0.005295	-0.010092	0.005295	-0.010092
294	0.005295	-0.010513	0.005295	-0.010513
295	0.005311	-0.010915	0.005311	-0.010915
296	0.005356	-0.011302	0.005356	-0.011302
297	0.005498	-0.011730	0.005498	-0.011730
298	0.005785	-0.012397	0.005785	-0.012397
299	0.005451	-0.008652	0.005451	-0.008652
300	0.005299	-0.009092	0.005299	-0.009092
301	0.005243	-0.009491	0.005243	-0.009491
302	0.005207	-0.009894	0.005207	-0.009894
303	0.005178	-0.010297	0.005178	-0.010297
304	0.005167	-0.010698	0.005167	-0.010698
305	0.005251	-0.011134	0.005251	-0.011134
306	0.005193	-0.011817	0.005193	-0.011817
307	0.005128	-0.008325	0.005128	-0.008325
308	0.004966	-0.008810	0.004966	-0.008810
309	0.004920	-0.009246	0.004920	-0.009246
310	0.004922	-0.009621	0.004922	-0.009621
311	0.004922	-0.009960	0.004922	-0.009960
312	0.004852	-0.010023	0.004852	-0.010023

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
313	0.004614	-0.009551	0.004614	-0.009551
314	0.007255	-0.006947	0.007255	-0.006947
315	0.006953	-0.007926	0.006953	-0.007926
316	0.006711	-0.008707	0.006711	-0.008707
317	0.006572	-0.009360	0.006572	-0.009360
318	0.006495	-0.009969	0.006495	-0.009969
319	0.006463	-0.010571	0.006463	-0.010571
320	0.006482	-0.011206	0.006482	-0.011206
321	0.006564	-0.011927	0.006564	-0.011927
322	0.006504	-0.012792	0.006504	-0.012792
324	0.006374	-0.008945	0.006374	-0.008945
325	0.006314	-0.009693	0.006314	-0.009693
326	0.006302	-0.010327	0.006302	-0.010327
327	0.006327	-0.010906	0.006327	-0.010906
328	0.006408	-0.011472	0.006408	-0.011472
329	0.006573	-0.012069	0.006573	-0.012069
330	0.006820	-0.012767	0.006820	-0.012767
331	0.006514	-0.013657	0.006514	-0.013657
332	0.006315	-0.008239	0.006315	-0.008239
333	0.006211	-0.008972	0.006211	-0.008972
334	0.006159	-0.009580	0.006159	-0.009580
335	0.006135	-0.010142	0.006135	-0.010142
336	0.006157	-0.010703	0.006157	-0.010703
337	0.006270	-0.011313	0.006270	-0.011313
338	0.006491	-0.012046	0.006491	-0.012046
339	0.006118	-0.013008	0.006118	-0.013008
340	0.005902	-0.007920	0.005902	-0.007920
341	0.005828	-0.008763	0.005828	-0.008763
342	0.005822	-0.009452	0.005822	-0.009452
343	0.005832	-0.009995	0.005832	-0.009995
344	0.005770	-0.010464	0.005770	-0.010464
345	0.005640	-0.010575	0.005640	-0.010575
346	0.008687	-0.010289	0.008687	-0.010289
347	0.008405	-0.006604	0.008405	-0.006604
348	0.008172	-0.007663	0.008172	-0.007663
349	0.008005	-0.008595	0.008005	-0.008595
350	0.007900	-0.009424	0.007900	-0.009424
351	0.007837	-0.010180	0.007837	-0.010180
352	0.007825	-0.010926	0.007825	-0.010926
353	0.007874	-0.011732	0.007874	-0.011732
354	0.007970	-0.012623	0.007970	-0.012623
355	0.007780	-0.013631	0.007780	-0.013631
356	0.007645	-0.008800	0.007645	-0.008800
357	0.007575	-0.009738	0.007575	-0.009738
358	0.007558	-0.010556	0.007558	-0.010556
359	0.007581	-0.011290	0.007581	-0.011290
360	0.007639	-0.012012	0.007639	-0.012012
361	0.007809	-0.012802	0.007809	-0.012802
362	0.008017	-0.013701	0.008017	-0.013701
363	0.007742	-0.014753	0.007742	-0.014753
364	0.007541	-0.007886	0.007541	-0.007886
		-0.008842	0.007541	-0.008842

JOINT ANALYSIS

STEP 1 CASE-4 SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
365	0.007424	-0.009654	0.007424	-0.009654
366	0.007366	-0.010374	0.007366	-0.010374
367	0.007348	-0.011091	0.007348	-0.011091
368	0.007380	-0.011898	0.007380	-0.011898
369	0.007480	-0.012865	0.007480	-0.012865
370	0.007661	-0.014046	0.007661	-0.014046
371	0.007302	-0.007544	0.007302	-0.007544
372	0.007077	-0.008713	0.007077	-0.008713
373	0.006988	-0.009672	0.006988	-0.009672
374	0.006962	-0.010384	0.006962	-0.010384
375	0.006931	-0.011003	0.006931	-0.011003
376	0.006859	-0.011176	0.006859	-0.011176
377	0.006772	-0.011042	0.006772	-0.011042
378	0.010174	-0.006346	0.010174	-0.006346
379	0.009932	-0.007490	0.009932	-0.007490
380	0.009745	-0.008535	0.009745	-0.008535
381	0.009566	-0.009492	0.009566	-0.009492
382	0.009425	-0.010371	0.009425	-0.010371
383	0.009371	-0.011239	0.009371	-0.011239
384	0.009351	-0.012178	0.009351	-0.012178
385	0.009335	-0.013206	0.009335	-0.013206
386	0.009377	-0.014341	0.009377	-0.014341
387	0.009215	-0.008722	0.009215	-0.008722
388	0.009118	-0.009813	0.009118	-0.009813
389	0.009023	-0.010784	0.009023	-0.010784
390	0.008963	-0.011663	0.008963	-0.011663
391	0.009018	-0.012523	0.009018	-0.012523
392	0.009102	-0.013465	0.009102	-0.013465
393	0.009190	-0.014527	0.009190	-0.014527
394	0.009350	-0.015727	0.009350	-0.015727
395	0.009111	-0.007605	0.009111	-0.007605
396	0.009666	-0.008966	0.009666	-0.008966
397	0.008828	-0.009723	0.008828	-0.009723
398	0.008740	-0.010593	0.008740	-0.010593
399	0.008758	-0.011461	0.008758	-0.011461
400	0.008834	-0.012433	0.008834	-0.012433
401	0.008905	-0.013565	0.008905	-0.013565
402	0.008998	-0.014959	0.008998	-0.014959
403	0.008670	-0.007216	0.008670	-0.007216
404	0.008558	-0.008719	0.008558	-0.008719
405	0.008422	-0.009898	0.008422	-0.009898
406	0.008305	-0.010803	0.008305	-0.010803
407	0.008313	-0.011578	0.008313	-0.011578
408	0.008159	-0.011831	0.008159	-0.011831
409	0.013405	-0.006167	0.013405	-0.006167
410	0.013022	-0.008545	0.013022	-0.008545
411	0.012771	-0.010709	0.012771	-0.010709
412	0.012600	-0.012878	0.012600	-0.012878
413	0.012566	-0.015260	0.012566	-0.015260
414	0.012304	-0.010075	0.012304	-0.010075
415	0.012213	-0.012342	0.012213	-0.012342
416	0.012215	-0.014603	0.012215	-0.014603

JOINT ANALYSIS

STEP 1 CASE-4

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X (INCREMENT)	Y (INCREMENT)	X (TOTAL)	Y (TOTAL)
417	0.012399	-0.017163	0.012399	-0.017163
418	0.012012	-0.008662	0.012012	-0.008662
419	0.011933	-0.011045	0.011933	-0.011045
420	0.012044	-0.013331	0.012044	-0.013331
421	0.012415	-0.016176	0.012415	-0.016176
422	0.012053	-0.008917	0.012053	-0.008917
423	0.012015	-0.011837	0.012015	-0.011837
424	0.011821	-0.012901	0.011821	-0.012901
425	0.015800	-0.006184	0.015800	-0.006184
426	0.016530	-0.008693	0.016530	-0.008693
427	0.016300	-0.011008	0.016300	-0.011008
428	0.016122	-0.013328	0.016122	-0.013328
429	0.015974	-0.015866	0.015974	-0.015866
430	0.015832	-0.014522	0.015832	-0.014522
431	0.015725	-0.012956	0.015725	-0.012956
432	0.015680	-0.015456	0.015680	-0.015456
433	0.015681	-0.018280	0.015681	-0.018280
434	0.015382	-0.008682	0.015382	-0.008682
435	0.015274	-0.011505	0.015274	-0.011505
436	0.014125	-0.015151	0.014125	-0.015151
437	0.015681	-0.016946	0.015681	-0.016946
438	0.017367	-0.009461	0.017367	-0.009461
439	0.017075	-0.013210	0.017075	-0.013210
440	0.020394	-0.006464	0.020394	-0.006464
441	0.020188	-0.008954	0.020188	-0.008954
442	0.019392	-0.011267	0.019392	-0.011267
443	0.019805	-0.013586	0.019805	-0.013586
444	0.019619	-0.016097	0.019619	-0.016097
445	0.019561	-0.010973	0.019561	-0.010973
446	0.019490	-0.013513	0.019490	-0.013513
447	0.019395	-0.016069	0.019395	-0.016069
448	0.019291	-0.018986	0.019291	-0.018986
449	0.018920	-0.008763	0.018920	-0.008763
450	0.018777	-0.011908	0.018777	-0.011908
451	0.018658	-0.014815	0.018658	-0.014815
452	0.018550	-0.017125	0.018550	-0.017125
453	0.024828	-0.010077	0.024828	-0.010077
454	0.024612	-0.011870	0.024612	-0.011870
455	0.022156	-0.006692	0.022156	-0.006692
456	0.021988	-0.009116	0.021988	-0.009116
457	0.021807	-0.011377	0.021807	-0.011377
458	0.021617	-0.013643	0.021617	-0.013643
459	0.021402	-0.016077	0.021402	-0.016077
460	0.021412	-0.011285	0.021412	-0.011285
461	0.021378	-0.013772	0.021378	-0.013772
462	0.021284	-0.016274	0.021284	-0.016274
463	0.021126	-0.019180	0.021126	-0.019180
464	0.020837	-0.008821	0.020837	-0.008821
465	0.020622	-0.012066	0.020622	-0.012066
466	0.020304	-0.015041	0.020304	-0.015041
467	0.019019	-0.016905	0.019019	-0.016905
468	0.028937	-0.010223	0.028937	-0.010223

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
469	0.024282	-0.007045	0.024282	-0.007045
470	0.024148	-0.009339	0.024148	-0.009339
471	0.023982	-0.011493	0.023982	-0.011493
472	0.023788	-0.013647	0.023788	-0.013647
473	0.023553	-0.015942	0.023553	-0.015942
474	0.023634	-0.011730	0.023634	-0.011730
475	0.023660	-0.014097	0.023660	-0.014097
476	0.023624	-0.016450	0.023624	-0.016450
477	0.023449	-0.019255	0.023449	-0.019255
478	0.023230	-0.008923	0.023230	-0.008923
479	0.023059	-0.012295	0.023059	-0.012295
480	0.022652	-0.015092	0.022652	-0.015092
481	0.022438	-0.017665	0.022438	-0.017665
482	0.022433	-0.019966	0.022433	-0.019966
483	0.026746	-0.007561	0.026746	-0.007561
484	0.026646	-0.009638	0.026646	-0.009638
485	0.026497	-0.011603	0.026497	-0.011603
486	0.026303	-0.013560	0.026303	-0.013560
487	0.026043	-0.015624	0.026043	-0.015624
488	0.026188	-0.012358	0.026188	-0.012358
489	0.026274	-0.014516	0.026274	-0.014516
490	0.026334	-0.016627	0.026334	-0.016627
491	0.026370	-0.019063	0.026370	-0.019063
492	0.026491	-0.009194	0.026491	-0.009194
493	0.026414	-0.012611	0.026414	-0.012611
494	0.026205	-0.016568	0.026205	-0.016568
495	0.026166	-0.018204	0.026166	-0.018204
496	0.028928	-0.008129	0.028928	-0.008129
497	0.028853	-0.009946	0.028853	-0.009946
498	0.028730	-0.011582	0.028730	-0.011582
499	0.028540	-0.013382	0.028540	-0.013382
500	0.028255	-0.015150	0.028255	-0.015150
501	0.028401	-0.013028	0.028401	-0.013028
502	0.028458	-0.014937	0.028458	-0.014937
503	0.028531	-0.016744	0.028531	-0.016744
504	0.028408	-0.018586	0.028408	-0.018586
505	0.030209	-0.009602	0.030209	-0.009602
506	0.030132	-0.012977	0.030132	-0.012977
507	0.029818	-0.017143	0.029818	-0.017143
508	0.030783	-0.008685	0.030783	-0.008685
509	0.030717	-0.010246	0.030717	-0.010246
510	0.030614	-0.011761	0.030614	-0.011761
511	0.030484	-0.013151	0.030484	-0.013151
512	0.030129	-0.014464	0.030129	-0.014464
513	0.030241	-0.013657	0.030241	-0.013657
514	0.030135	-0.015275	0.030135	-0.015275
515	0.030034	-0.016822	0.030034	-0.016822
516	0.030004	-0.017871	0.030004	-0.017871
517	0.034433	-0.010055	0.034433	-0.010055
518	0.034015	-0.013266	0.034015	-0.013266
519	0.033806	-0.015758	0.033806	-0.015758
520	0.031471	-0.008908	0.031471	-0.008908

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
521	0.031398	-0.010362	0.031398	-0.010362
522	0.031280	-0.011794	0.031280	-0.011794
523	0.031125	-0.013255	0.031125	-0.013255
524	0.032331	-0.009177	0.032331	-0.009177
525	0.032245	-0.010505	0.032245	-0.010505
526	0.032109	-0.011829	0.032109	-0.011829
527	0.031842	-0.013109	0.031842	-0.013109
528	0.031666	-0.013411	0.031666	-0.013411
529	0.031652	-0.013717	0.031652	-0.013717
530	0.031398	-0.015464	0.031398	-0.015464
531	0.030950	-0.016807	0.030950	-0.016807
532	0.029783	-0.016856	0.029783	-0.016856
533	0.038669	-0.008959	0.038669	-0.008959
534	0.038240	-0.010868	0.038240	-0.010868
535	0.037829	-0.014023	0.037829	-0.014023
536	0.033119	-0.009400	0.033119	-0.009400
537	0.033021	-0.010628	0.033021	-0.010628
538	0.032852	-0.011852	0.032852	-0.011852
539	0.032595	-0.012979	0.032595	-0.012979
540	0.032434	-0.013716	0.032434	-0.013716
541	0.032317	-0.013975	0.032317	-0.013975
542	0.032103	-0.015556	0.032103	-0.015556
543	0.031566	-0.016605	0.031566	-0.016605
544	0.031035	-0.017197	0.031035	-0.017197
545	0.030792	-0.018060	0.030792	-0.018060
546	0.040179	-0.010888	0.040179	-0.010888
547	0.040061	-0.012845	0.040061	-0.012845
548	0.033694	-0.009539	0.033694	-0.009539
549	0.033587	-0.010710	0.033587	-0.010710
550	0.033421	-0.011865	0.033421	-0.011865
551	0.033216	-0.012973	0.033216	-0.012973
552	0.033081	-0.016658	0.033081	-0.016658
553	0.032942	-0.017641	0.032942	-0.017641
554	0.032983	-0.018740	0.032983	-0.018740
555	0.032951	-0.020313	0.032951	-0.020313
556	0.034426	-0.009685	0.034426	-0.009685
557	0.034313	-0.010803	0.034313	-0.010803
558	0.034165	-0.011900	0.034165	-0.011900
559	0.033951	-0.012987	0.033951	-0.012987
560	0.033810	-0.013640	0.033810	-0.013640
561	0.033724	-0.014280	0.033724	-0.014280
562	0.033475	-0.015699	0.033475	-0.015699
563	0.034501	-0.014401	0.034501	-0.014401
564	0.034328	-0.015816	0.034328	-0.015816
565	0.034213	-0.016829	0.034213	-0.016829
566	0.034199	-0.017916	0.034199	-0.017916
567	0.034291	-0.019313	0.034291	-0.019313
568	0.035719	-0.009876	0.035719	-0.009876
569	0.035617	-0.010955	0.035617	-0.010955
570	0.035498	-0.011999	0.035498	-0.011999
571	0.035360	-0.013042	0.035360	-0.013042
572	0.035241	-0.013902	0.035241	-0.013902

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
573	0.035148	-0.014506	0.035148	-0.014506
574	0.035004	-0.015916	0.035004	-0.015916
575	0.034934	-0.016959	0.034934	-0.016959
576	0.034950	-0.018077	0.034950	-0.018077
577	0.034941	-0.018920	0.034941	-0.018920
578	0.034555	-0.009563	0.034555	-0.009563
579	0.036369	-0.011039	0.036369	-0.011039
580	0.036268	-0.012067	0.036268	-0.012067
581	0.036147	-0.013113	0.036147	-0.013113
582	0.036063	-0.013875	0.036063	-0.013875
583	0.035997	-0.014605	0.035997	-0.014605
584	0.035873	-0.016060	0.035873	-0.016060
585	0.035838	-0.017126	0.035838	-0.017126
586	0.035830	-0.018498	0.035830	-0.018498
587	0.036806	-0.014717	0.036806	-0.014717
588	0.036741	-0.016202	0.036741	-0.016202
589	0.036707	-0.017282	0.036707	-0.017282
590	0.036674	-0.018182	0.036674	-0.018182
591	0.037813	-0.010110	0.037813	-0.010110
592	0.037734	-0.011188	0.037734	-0.011188
593	0.037660	-0.012212	0.037660	-0.012212
594	0.037591	-0.013238	0.037591	-0.013238
595	0.037519	-0.014136	0.037519	-0.014136
596	0.037465	-0.014817	0.037465	-0.014817
597	0.037394	-0.016306	0.037394	-0.016306
598	0.037356	-0.017389	0.037356	-0.017389
599	0.037331	-0.017951	0.037331	-0.017951
600	0.038353	-0.014134	0.038353	-0.014134
601	0.038316	-0.014912	0.038316	-0.014912
602	0.038240	-0.016442	0.038240	-0.016442
603	0.038193	-0.017666	0.038193	-0.017666
604	0.038807	-0.010216	0.038807	-0.010216
605	0.038740	-0.011299	0.038740	-0.011299
606	0.038680	-0.012325	0.038680	-0.012325
607	0.038618	-0.013354	0.038618	-0.013354
608	0.039135	-0.015017	0.039135	-0.015017
609	0.039093	-0.016566	0.039093	-0.016566
610	0.039057	-0.017367	0.039057	-0.017367
611	0.039987	-0.010340	0.039987	-0.010340
612	0.039932	-0.011430	0.039932	-0.011430
613	0.039885	-0.012464	0.039885	-0.012464
614	0.039855	-0.013487	0.039855	-0.013487
615	0.039818	-0.014392	0.039818	-0.014392
616	0.039804	-0.015102	0.039804	-0.015102
617	0.039746	-0.016657	0.039746	-0.016657
618	0.039723	-0.017138	0.039723	-0.017138
619	0.040680	-0.014391	0.040680	-0.014391
620	0.041019	-0.010449	0.041019	-0.010449
621	0.040959	-0.011542	0.040959	-0.011542
622	0.040921	-0.012581	0.040921	-0.012581
623	0.040871	-0.013566	0.040871	-0.013566
624	0.040827	-0.014503	0.040827	-0.014503

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
625	0.040929	-0.014513	0.040929	-0.014513
626	0.040910	-0.015231	0.040910	-0.015231
627	0.040864	-0.016748	0.040864	-0.016748
628	0.041354	-0.015110	0.041354	-0.015110
629	0.041576	-0.015285	0.041576	-0.015285
630	0.041715	-0.010231	0.041715	-0.010231
631	0.041655	-0.011589	0.041655	-0.011589
632	0.041606	-0.012639	0.041606	-0.012639
633	0.041553	-0.013631	0.041553	-0.013631
634	0.041630	-0.016457	0.041630	-0.016457
635	0.042866	-0.009849	0.042866	-0.009849
636	0.042818	-0.011666	0.042818	-0.011666
637	0.042771	-0.012731	0.042771	-0.012731
638	0.042741	-0.013757	0.042741	-0.013757
639	0.042688	-0.015336	0.042688	-0.015336
640	0.042624	-0.016299	0.042624	-0.016299
641	0.043276	-0.015998	0.043276	-0.015998
642	0.043594	-0.009611	0.043594	-0.009611
643	0.043528	-0.011710	0.043528	-0.011710
644	0.043496	-0.012787	0.043496	-0.012787
645	0.043472	-0.013831	0.043472	-0.013831
646	0.043449	-0.015424	0.043449	-0.015424
647	0.045070	-0.009661	0.045070	-0.009661
648	0.045031	-0.011799	0.045031	-0.011799
649	0.045016	-0.012902	0.045016	-0.012902
650	0.045011	-0.013983	0.045011	-0.013983
651	0.045031	-0.015351	0.045031	-0.015351
652	0.046571	-0.009710	0.046571	-0.009710
653	0.046554	-0.011878	0.046554	-0.011878
654	0.046539	-0.013007	0.046539	-0.013007
655	0.046556	-0.014123	0.046556	-0.014123
656	0.046581	-0.015024	0.046581	-0.015024
657	0.048079	-0.009757	0.048079	-0.009757
658	0.048079	-0.011942	0.048079	-0.011942
659	0.048082	-0.013092	0.048082	-0.013092
660	0.048096	-0.014241	0.048096	-0.014241
661	0.048110	-0.014859	0.048110	-0.014859
662	0.049582	-0.009794	0.049582	-0.009794
663	0.049592	-0.011985	0.049592	-0.011985
664	0.049598	-0.013148	0.049598	-0.013148
665	0.049609	-0.014315	0.049609	-0.014315
666	0.049615	-0.014832	0.049615	-0.014832
667	0.051015	-0.009808	0.051015	-0.009808
668	0.051021	-0.012000	0.051021	-0.012000
669	0.051025	-0.013168	0.051025	-0.013168
670	0.051033	-0.014339	0.051033	-0.014339
671	0.051036	-0.014854	0.051036	-0.014854
1290	0.004732	-0.009050	0.004732	-0.009050
1291	0.005633	-0.008432	0.005633	-0.008432
1322	0.006707	-0.008007	0.006707	-0.008007
1354	0.007969	-0.007696	0.007969	-0.007696
1386	0.009376	-0.007476	0.009376	-0.007476

STEP 1 CASE-4

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
1413	0.012565	-0.007422	0.012565	-0.007422
1429	0.015973	-0.007589	0.015973	-0.007589
1444	0.019619	-0.008098	0.019619	-0.008098
1459	0.021401	-0.008477	0.021401	-0.008477
1473	0.023552	-0.009060	0.023552	-0.009060
1487	0.026043	-0.009928	0.026043	-0.009928
1500	0.028254	-0.010915	0.028254	-0.010915
1512	0.030128	-0.012004	0.030128	-0.012004
1528	0.031666	-0.013411	0.031666	-0.013411
1540	0.032433	-0.013370	0.032433	-0.013370
1560	0.033810	-0.013640	0.033810	-0.013640
1572	0.035241	-0.013658	0.035241	-0.013658
1582	0.036063	-0.013875	0.036063	-0.013875
1595	0.037518	-0.013925	0.037518	-0.013925
1600	0.038353	-0.014134	0.038353	-0.014134
1615	0.039817	-0.014213	0.039817	-0.014213
1619	0.040680	-0.014391	0.040680	-0.014391
1624	0.040943	-0.014378	0.040943	-0.014378
1628	0.041605	-0.014841	0.041605	-0.014841
1640	0.042998	-0.015898	0.042998	-0.015898
1658	0.004877	-0.008869	0.004877	-0.008869
1298	0.005785	-0.007932	0.005785	-0.007932
1330	0.006819	-0.007254	0.006819	-0.007254
1362	0.008017	-0.006714	0.008017	-0.006714
1394	0.009349	-0.006274	0.009349	-0.006274
1417	0.012396	-0.005790	0.012396	-0.005790
1433	0.015680	-0.005452	0.015680	-0.005452
1448	0.019290	-0.005295	0.019290	-0.005295
1463	0.021125	-0.005249	0.021125	-0.005249
1477	0.023446	-0.005212	0.023446	-0.005212
1491	0.026374	-0.005204	0.026374	-0.005204
1504	0.030139	-0.005360	0.030139	-0.005360
1516	0.034192	-0.005968	0.034192	-0.005968
1532	0.039385	-0.007619	0.039385	-0.007619
1545	0.040477	-0.008771	0.040477	-0.008771
1555	0.042752	-0.010919	0.042752	-0.010919
1566	0.004680	-0.004680	0.004680	-0.004680
1306	0.005512	-0.005512	0.005512	-0.005512
1338	0.006490	-0.006860	0.006490	-0.006860
1370	0.007660	-0.007660	0.007660	-0.007660
1402	0.008996	-0.008996	0.008996	-0.008996
1421	0.012416	-0.004680	0.012416	-0.004680
1437	0.017484	-0.003849	0.017484	-0.003849
1452	0.024977	-0.003994	0.024977	-0.003994
1467	0.030145	-0.004869	0.030145	-0.004869
1482	0.033702	-0.007875	0.033702	-0.007875

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ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFETY FACTOR
1	-34.2817	-89.1293	-37.0233	1.5903	-34.2356	-89.1754	1.6594	0.0000
2	-33.7562	-87.5377	-36.3881	4.4336	-33.3921	-87.9007	4.6812	0.0000
3	-33.1439	-85.1143	-35.4744	6.5742	-32.3252	-85.9330	7.0988	0.0000
4	-32.5590	-82.3887	-34.4874	8.1257	-31.2674	-83.6803	9.0315	0.0000
5	-32.0186	-80.3442	-33.7089	9.0029	-30.3959	-81.9670	10.2175	0.0000
6	-31.5238	-79.1538	-33.2033	9.5397	-29.6842	-80.9934	10.9149	0.0000
7	-30.9698	-77.6535	-32.5333	10.2737	-28.6375	-79.8069	11.8377	0.0000
8	-29.8968	-75.1635	-31.4911	11.4063	-27.0997	-77.8704	13.3502	0.0000
9	-28.7528	-70.1273	-29.6640	12.8446	-25.0896	-73.7905	15.9179	0.0000
10	-27.8725	-63.3687	-27.3724	13.4983	-23.3227	-67.9185	18.6474	0.0000
11	-27.2492	-56.8258	-25.2225	12.6525	-22.4446	-61.6304	20.4970	0.0000
12	-26.0463	-49.8205	-22.7540	10.7275	-21.9189	-53.9279	21.0443	0.0000
13	-24.3513	-43.3733	-20.3174	7.1501	-21.9634	-45.7612	18.4674	0.0000
14	-22.9439	-39.5299	-18.7421	2.5301	-22.5665	-39.9073	8.4833	0.0000
15	-20.3924	-31.6566	-16.3147	1.3118	-29.3648	-31.6842	1.2064	0.0000
16	-28.7882	-90.1381	-35.6779	3.9004	-28.5412	-90.3851	3.6232	0.0000
17	-28.3315	-87.4426	-34.7322	5.2371	-27.6806	-88.0935	5.9581	0.0000
18	-28.4733	-83.8985	-33.7115	7.9033	-27.3682	-85.0034	7.9588	0.0000
19	-28.7636	-81.2738	-33.0022	8.2767	-27.4892	-82.5182	8.7532	0.0000
20	-28.7121	-80.1521	-32.6592	8.2589	-27.4186	-81.4456	8.9012	0.0000
21	-28.2004	-79.4769	-32.3032	8.5017	-26.8276	-80.8497	9.1728	0.0000
22	-27.2942	-78.1303	-31.6273	9.9996	-25.3979	-80.0265	10.7374	0.0000
23	-27.8626	-72.6820	-30.1634	13.8135	-24.2061	-76.3384	15.3572	0.0000
24	-27.4726	-63.3204	-28.0310	15.0310	-24.6393	-69.2040	21.2705	0.0000
25	-22.0366	-53.8504	-25.7661	13.4067	-25.6605	-60.2265	25.4350	0.0000
26	-20.2015	-45.4883	-23.3069	9.8771	-26.9414	-50.7484	28.0375	0.0000
27	-20.9391	-49.0375	-20.9990	5.3260	-28.0527	-41.9440	27.1189	0.0000
28	-29.4598	-35.6317	-19.5423	1.7795	-28.9869	-36.1547	14.8849	0.0000
29	-27.2886	-93.1895	-36.1434	0.9801	-27.2740	-93.2040	0.8519	0.0000
30	-26.2148	-92.0625	-35.4832	3.2166	-26.0581	-92.2193	2.7900	0.0000
31	-25.0434	-89.5851	-34.3885	5.6222	-24.1972	-90.1312	5.2338	0.0000
32	-24.9735	-85.0959	-33.0033	8.9306	-23.7415	-86.2714	8.0934	0.0000
33	-26.5155	-80.9331	-32.2346	9.3200	-24.9635	-82.4851	9.4541	0.0000
34	-27.4460	-79.4054	-32.0554	8.2111	-26.1612	-80.6902	8.8399	0.0000
35	-27.5157	-80.0073	-32.2569	7.5867	-26.4412	-81.0818	8.0613	0.0000
36	-27.7766	-79.2939	-32.1258	7.4504	-26.7211	-80.3648	8.0937	0.0000
37	-26.7410	-80.9098	-32.2952	7.0799	-25.8309	-81.8199	7.3247	0.0000
38	-27.1089	-82.6238	-32.9195	9.5163	-25.5229	-84.2088	9.4630	0.0000
39	-26.2550	-80.7016	-32.0870	7.9341	-25.1224	-81.8342	8.1243	0.0000
40	-25.9789	-80.8619	-32.0522	11.4036	-23.6861	-83.1547	11.3238	0.0000
41	-26.5186	-81.0832	-32.2835	14.6886	-22.8163	-84.7954	14.1467	0.0000
42	-29.1933	-78.7339	-30.2959	15.9344	-24.5208	-83.4654	16.3536	0.0000
43	-31.5779	-69.1570	-30.2295	19.3854	-23.3750	-77.3899	22.9357	0.0000
44	-34.0011	-62.1729	-33.9725	18.7507	-24.9541	-71.6210	26.7316	0.0000
45	-36.6833	-49.6966	-35.9140	14.6739	-27.1382	-59.2417	33.0434	0.0000
46	-35.4337	-41.0282	-32.9386	8.8583	-28.9415	-47.5204	36.2375	0.0000
47	-32.8975	-35.9287	-30.6478	4.0566	-30.0826	-38.7436	34.7667	0.0000
48	-30.8719	-30.6590	-29.3593	1.0740	-30.5061	-34.0248	18.8408	0.0000
49	-26.7350	-94.0061	-36.2224	0.6169	-26.7294	-94.0118	0.5293	0.0000
50	-25.2673	-93.4381	-35.6116	2.1947	-25.1967	-93.5087	1.8430	0.0000
51	-22.8041	-91.7883	-34.3777	4.8869	-22.4666	-92.1258	3.9914	0.0000
52	-20.7502	-87.3603	-32.4332	8.9369	-19.5564	-88.1554	7.5584	0.0000

STEP 1 CASE-4

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
53	-21.1678	-80.2972	-30.4395	12.5307	-18.6258	-82.8391	11.4763	0.0000
54	-35.0661	-76.2360	-30.3906	10.4564	-23.0119	-78.2903	11.1147	0.0000
55	-38.2931	-76.6468	-30.8820	7.3327	-25.2470	-77.6929	8.1190	0.0000
56	-25.6329	-79.4503	-31.5250	6.2389	-24.9055	-80.1777	6.5874	0.0000
57	-25.7829	-82.9088	-32.6075	7.2084	-24.8873	-83.8043	8.0820	0.0000
58	-26.4580	-86.1199	-33.7734	8.8192	-25.1816	-87.3962	7.2349	0.0000
59	-27.8411	-88.2937	-34.8405	11.1548	-25.5485	-90.2594	10.1282	0.0000
60	-30.4268	-89.2346	-35.8984	13.6559	-27.4020	-92.2594	12.4717	0.0000
61	-31.8244	-89.0742	-35.2516	16.4727	-27.4191	-93.4196	14.9725	0.0000
62	-33.1569	-85.6750	-33.8426	20.8426	-25.8905	-92.3413	19.2200	0.0000
63	-37.1674	-75.5567	-33.8172	24.5875	-25.1694	-87.5547	26.0110	0.0000
64	-42.3951	-58.5110	-30.2718	22.5925	-26.4750	-74.4311	35.1816	0.0000
65	-40.4204	-43.3288	-25.1248	13.4054	-28.3906	-56.3586	41.9045	0.0000
66	-36.9208	-36.9208	-21.8941	6.4419	-30.0338	-42.9465	43.0876	0.0000
67	-32.0331	-33.8880	-19.7763	2.2853	-30.4937	-35.4275	33.9584	0.0000
68	-29.8855	-32.8158	-18.8104	0.4823	-29.8081	-32.8931	9.1111	0.0000
69	-26.8091	-34.4069	-38.3648	0.9123	-26.8076	-94.4084	0.2647	0.0000
70	-25.2704	-34.2124	-35.8448	1.1473	-25.2513	-94.2315	0.9532	0.0000
71	-22.0586	-32.7204	-31.7337	2.8780	-21.9432	-93.8358	2.2661	0.0000
72	-16.7025	-30.2394	-32.0826	7.6095	-15.9232	-91.0185	5.8664	0.0000
73	-14.6334	-34.9036	-29.8617	14.3137	-11.8297	-87.7093	11.0825	0.0000
74	-7.2846	-75.0344	-24.6617	19.1562	-11.2433	-80.0757	14.7441	0.0000
75	-12.0379	-77.0715	-26.7328	18.8360	-6.9763	-82.1331	15.0412	0.0000
76	-19.8385	-67.0713	-26.0729	14.5209	-15.7314	-71.1784	15.7829	0.0000
77	-22.3252	-70.0238	-27.7048	8.3690	-20.8997	-71.4496	9.6684	0.0000
78	-20.0481	-74.1091	-28.2472	4.0080	-19.7526	-74.4046	4.2171	0.0000
79	-17.7804	-73.1372	-27.2753	2.4910	-17.5685	-73.2490	2.5713	0.0000
80	-21.5305	-80.9245	-30.7065	6.0559	-20.9183	-81.4367	5.7724	0.0000
81	-22.1701	-88.9253	-33.3286	8.6124	-21.0769	-90.0185	7.2342	0.0000
82	-19.0114	-91.2850	-33.0889	10.2561	-17.5842	-92.7123	7.9233	0.0000
83	-21.7398	-92.4574	-34.2582	13.9149	-19.1002	-95.0939	10.7411	0.0000
84	-27.0968	-94.0529	-36.2464	15.8111	-23.8152	-97.3388	12.1955	0.0000
85	-31.1902	-94.0835	-37.5836	18.0817	-26.3627	-98.9160	14.9484	0.0000
86	-36.4640	-93.4129	-38.9631	19.9018	-30.1984	-99.6785	17.4756	0.0000
87	-38.6774	-94.3614	-39.9116	20.6847	-31.8346	-101.2042	18.3049	0.0000
88	-37.1704	-93.1599	-39.0991	19.6764	-30.9472	-98.3831	17.5510	0.0000
89	-30.5721	-93.1395	-40.4235	20.1808	-33.8243	-100.9273	18.4983	0.0000
90	-38.3289	-96.2372	-40.6268	19.4986	-41.9803	-103.4759	19.6422	0.0000
91	-46.5035	-95.5366	-42.6402	22.0446	-38.1364	-103.9978	21.0113	0.0000
92	-42.3542	-95.3560	-41.3131	25.9160	-31.7885	-105.9217	22.1804	0.0000
93	-47.3038	-83.0350	-39.1016	32.4574	-28.1199	-102.2189	30.5851	0.0000
94	-56.3182	-66.1246	-37.5957	36.5034	-23.9304	-99.3984	41.1546	0.0000
95	-60.3182	-67.5891	-38.3722	31.4128	-32.3312	-95.5761	41.6992	0.0000
96	-48.7887	-46.2822	-28.5210	21.0001	-26.4975	-68.5724	46.7083	0.0000
97	-41.7221	-37.9730	-23.9086	9.2674	-30.3925	-49.3026	50.7176	0.0000
98	-34.2421	-33.7929	-20.4105	3.2936	-30.7103	-37.3248	46.8472	0.0000
99	-30.0141	-32.8363	-18.8551	0.8355	-29.7853	-33.0650	15.3143	0.0000
100	-28.3535	-32.5209	-18.2623	0.1062	-28.3508	-32.5236	1.4586	0.0000
101	-21.0911	-34.5117	-36.4808	0.1502	-27.0908	-34.5120	0.1276	0.0000
102	-25.7262	-36.0520	-36.0520	1.4370	-25.7216	-34.4516	0.4111	0.0000
103	-22.5675	-35.4598	-35.1082	1.4370	-22.5386	-34.4885	0.1446	0.0000
104	-15.2455	-32.4587	-32.4587	4.7858	-14.9519	-33.2439	3.5111	0.0000

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STEP 1 CASE-4

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
105	-6.4022	-89.9519	-28.9062	10.1427	-5.1886	-91.1656	6.8235	0.0000
106	3.6290	-86.5952	-27.0673	15.2828	-0.9024	-89.3209	10.1121	0.0000
107	-7.5400	-70.1892	-20.2947	25.2548	10.4495	-79.0986	17.3898	0.0000
108	7.8510	-52.9668	-18.2453	23.7272	2.3301	-63.1479	23.2235	0.0000
109	-13.8916	-50.1825	-19.2222	7.9921	-12.2095	-51.8646	11.8854	0.0000
110	-10.2305	-64.0673	-22.2892	0.3529	-10.2281	-64.0697	10.0756	0.0000
111	9.8358	-82.5396	-27.7126	3.5516	-9.6627	-82.7127	2.7901	0.0000
112	-10.7076	-91.8393	-30.7641	10.6519	-9.3324	-93.2145	7.3564	0.0000
113	-19.0298	-95.7860	-34.4447	14.0857	-16.5265	-98.2893	10.0772	0.0000
114	-22.8452	-101.8562	-37.4104	14.5067	-20.2650	-104.4355	10.0818	0.0000
115	-21.3231	-108.0229	-38.8038	21.8320	-16.1359	-113.2101	13.3654	0.0000
116	-26.2367	-103.8312	-39.0204	33.1592	-13.6708	-116.3970	20.4719	0.0000
117	-40.6972	-93.3112	-40.2025	34.0279	-23.9931	-110.0153	26.1462	0.0000
118	-44.0703	-90.6387	-40.4127	23.8986	-33.9884	-100.7206	22.8731	0.0000
119	-39.9789	-97.9545	-41.3800	23.0496	-31.9320	-106.0015	19.2450	0.0000
120	-44.0534	-96.7699	-42.2470	32.9218	-28.2381	-112.5852	25.6590	0.0000
121	-57.7268	-88.1053	-43.7496	32.4513	-37.0859	-108.7462	32.4587	0.0000
122	-58.7982	-89.0145	-44.3428	20.2782	-48.6182	-99.1939	26.6561	0.0000
123	-57.2344	-106.3340	-49.0465	18.5529	-51.0043	-112.4841	18.5622	0.0000
124	-39.1874	-110.9738	-51.4587	33.4557	-42.7753	-127.3859	26.1309	0.0000
125	-68.8427	-92.3359	-48.3506	44.6087	-34.4562	-126.7124	37.6367	0.0000
126	-70.9567	-66.7734	-41.3190	38.6984	-30.1102	-107.6199	46.5469	0.0000
127	-91.9373	-46.8998	-32.6502	23.6681	-29.3923	-78.4419	53.7422	0.0000
128	-31.6687	-37.5741	-26.7728	12.1637	-30.1376	-59.1052	59.5573	0.0000
129	-39.3324	-34.1880	-22.0501	1.5157	-30.9857	-42.5147	58.3064	0.0000
130	-31.4017	-32.1575	-19.2478	1.2448	-30.5736	-33.5856	31.6337	0.0000
131	-28.1316	-32.8629	-18.2084	0.2439	-28.1182	-32.5763	3.1410	0.0000
132	-27.1839	-32.6090	-17.9079	-0.0249	-27.1837	-32.5092	-0.2683	0.0000
133	-27.4246	-34.5328	-36.5902	0.0373	-27.4245	-94.5428	0.0318	0.0000
134	-26.2750	-34.8898	-36.2294	0.1712	-26.2748	-94.4900	0.1838	0.0000
135	-23.6254	-34.1615	-35.5161	0.3464	-23.6238	-94.7632	0.2790	0.0000
136	-15.8491	-34.1560	-33.0015	1.5920	-15.8167	-94.1884	1.1642	0.0000
137	-4.4021	-32.6133	-29.1046	4.7338	-4.4198	-92.8655	3.0566	0.0000
138	4.3404	-30.9057	-25.9696	9.7572	5.3296	-91.8949	5.7294	0.0000
139	12.5473	-86.1249	-22.0733	20.0736	16.4746	-90.0523	11.0701	0.0000
140	32.7813	-69.5025	-11.0163	31.1410	41.5165	-78.2376	15.6689	0.0000
141	36.7573	-67.7985	-9.3124	41.0734	50.5625	-82.0037	19.0779	0.0000
142	19.9116	-28.7377	-4.4629	39.7480	37.6807	-52.5569	20.8292	0.0000
143	1.0014	-14.7550	-4.1261	15.0859	10.1423	-23.8960	31.2128	0.0000
144	3.3279	-32.3636	-8.7107	-2.0639	3.4468	-32.4825	-3.2936	0.0000
145	3.5780	-32.3564	-8.6035	-14.2888	8.5780	-37.2563	-19.2361	0.0000
146	-0.7587	-62.6759	-19.0304	-6.3910	-0.1059	-63.3286	-5.8320	0.0000
147	0.6323	-101.3319	-30.2099	-0.3956	0.6412	-101.3408	-0.5369	0.0000
148	8.0834	-122.0916	-34.2042	-0.2677	8.0840	-122.0981	-0.1178	0.0000
149	13.5230	-119.7363	-31.8315	17.5056	17.5056	-123.7489	9.6564	0.0000
150	7.9262	-117.5299	-37.6377	33.6026	2.6233	-128.0826	16.5351	0.0000
151	-23.7613	-84.0096	-32.3313	37.5167	-5.7714	-101.9995	25.6156	0.0000
152	-46.2230	-82.6488	-38.3609	24.4541	-33.1430	-94.7267	26.8886	0.0000
153	-26.9061	-101.4169	-38.4869	9.0751	-35.8165	-102.5065	6.8458	0.0000
154	-39.8501	-79.0684	-34.7728	5.7772	-36.0736	-78.8249	7.8548	0.0000
155	-24.7848	-137.1016	-48.5659	15.6095	-22.6558	-139.2306	7.7667	0.0000
156	-17.6665	-153.5738	-51.3721	18.5498	-15.1854	-155.0549	7.6264	0.0000

JOINT ANALYSIS

STEP 1 CASE-4

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	TRETA	SAFTY FACTOR
157	-4.7505	-148.0384	-45.8357	50.4548	1.2329	-164.0217	17.5774	0.0000
158	-28.3689	-132.2127	-48.2843	55.9538	3.2183	-154.1658	25.7476	0.0000
159	-48.2821	-66.3421	-34.3783	63.7800	7.1211	-121.7153	40.9542	0.0000
160	-71.7396	-54.8667	-37.9819	43.2841	-19.2046	-107.4018	50.5146	0.0000
161	-58.2979	-49.1060	-32.2212	13.8575	-39.1022	-68.3017	54.1743	0.0000
162	-49.2529	-72.7779	-36.5928	13.2195	-43.2363	-78.3091	24.1433	0.0000
163	-45.0733	-113.7071	-47.6555	12.9280	-42.7217	-116.1301	10.3117	0.0000
164	-39.0813	-138.0071	-53.1265	12.5280	-37.5194	-139.5690	7.1065	0.0000
165	-25.7582	-132.2972	-47.4166	41.4606	-11.5249	-145.5304	18.9471	0.0000
166	-45.6450	-123.5021	-50.7441	60.4241	-12.6951	-156.4520	28.6041	0.0000
167	-64.9306	-60.3199	-37.5751	59.1680	-3.4123	-121.8382	46.1156	0.0000
168	-39.9870	-53.2466	-41.3749	37.7034	-28.3697	-109.5465	55.8663	0.0000
169	-70.7276	-48.2466	-35.6923	11.5014	-43.4051	-5.5692	67.1713	0.0000
170	-67.2315	-74.5038	-42.5236	13.2333	-57.0511	-84.6942	37.3628	0.0000
171	-66.9512	-115.9022	-54.8734	16.0490	-62.1634	-120.7480	16.6112	0.0000
172	-75.7467	-137.8188	-64.0696	18.2761	-70.7651	-142.8004	15.2466	0.0000
173	-84.3032	-129.7749	-64.2234	44.7261	-56.8659	-157.2122	31.5271	0.0000
174	-84.6896	-92.3557	-59.1336	53.7760	-39.7390	-147.3113	25.9216	0.0000
175	-89.6852	-50.7497	-41.2305	31.7572	-32.2296	-105.2053	59.7503	0.0000
176	-87.7128	-37.3066	-34.5184	1.8321	-31.9860	-73.0755	68.8387	0.0000
177	-48.5710	-32.0397	-24.3032	4.8211	-30.7663	-50.2476	75.1695	0.0000
178	-49.1715	-36.0362	-25.5593	6.5910	-33.2907	-51.9070	67.4601	0.0000
179	-33.9584	-32.0097	-19.7934	1.1650	-31.4671	-34.5110	65.0267	0.0000
180	-28.2741	-32.6004	-19.2624	0.3135	-28.2515	-32.6230	4.1232	0.0000
181	-26.3332	-32.4669	-17.6400	-0.0431	-26.3339	-32.4672	-0.4035	0.0000
182	-26.1948	-32.5521	-17.6241	-0.0409	-26.1948	-32.5524	-0.3899	0.0000
183	-8.7527	-36.3628	-31.5046	0.8822	-8.7443	-36.2716	0.5776	0.0000
184	4.6478	-32.5769	-26.3787	4.7694	-4.8812	-32.8103	2.8017	0.0000
185	18.7504	-33.0538	-22.2910	9.1110	19.4850	-33.7914	4.6284	0.0000
186	28.9328	-31.0392	-18.6319	15.3213	30.8525	-32.9649	7.1639	0.0000
187	58.8448	-51.6093	-1.7294	43.0514	72.3450	-78.1396	17.4469	0.0000
188	52.4676	-5.9574	14.0311	63.0454	92.8150	-46.0449	32.6182	0.0000
189	32.8138	30.7851	19.0797	28.0181	59.8359	3.7630	43.9633	0.0000
190	27.5867	8.3903	10.7931	5.0342	28.8368	7.1502	13.8383	0.0000
191	15.2990	-34.0591	5.6280	-3.2108	15.5070	-34.2671	-3.7063	0.0000
192	3.4935	-74.1467	-20.4892	5.2181	6.1718	-74.4690	-3.6248	0.0000
193	2.6648	-105.6180	-30.8859	-3.7060	2.7915	-105.7490	-1.9579	0.0000
194	-8.6087	-140.7950	-44.8211	4.5974	-8.4490	-140.9547	-1.9895	0.0000
195	-20.0282	-185.0894	-61.5359	21.0776	-17.3792	-187.7384	7.1633	0.0000
196	3.7839	-143.7644	-41.9941	83.0844	41.1106	-181.1011	24.1984	0.0000
197	-45.3438	-159.8440	-31.5563	78.8950	26.6395	-131.8213	42.3748	0.0000
198	-20.6252	-25.1304	-13.7267	19.2151	30.5211	-42.2243	41.6568	0.0000
199	-30.6910	-72.7478	-31.0317	5.3765	-30.0446	-73.4243	7.1710	0.0000
200	-37.0921	-109.3825	-43.9424	1.6691	-37.6368	-109.4210	1.3220	0.0000
201	-33.7861	-142.2656	-52.8185	4.4144	-33.6368	-142.4450	2.3266	0.0000
202	-38.8930	-178.5596	-65.2328	14.0915	-37.3234	-179.9671	5.7042	0.0000
203	-46.5293	-227.3530	-82.1587	35.6466	-39.7552	-234.1072	10.7600	0.0000
204	-8.8120	-160.0120	-50.6472	119.6811	58.7552	-225.9709	28.8601	0.0000
205	-72.4366	-135.5022	-32.3817	110.6192	58.1806	-166.1197	49.7389	0.0000
206	-35.1738	-18.8725	-4.8890	30.4969	32.6002	-48.8967	62.7322	0.0000
207	-45.2933	-36.0125	-24.3919	11.1576	-28.5689	-52.2912	56.2912	0.0000
208	-51.6407	-74.3629	-37.8011	4.6933	-50.7095	-75.2941	11.2228	0.0000

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STEP 1 CASE-4

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
209	-48.7764	-110.8349	-47.8834	4.5598	-48.4432	-111.1681	4.1799	0.0000
210	-53.7095	-149.7933	-61.0508	10.1527	-52.6484	-150.8544	5.9664	0.0000
211	-63.0334	-204.3340	-80.2252	28.2040	-57.6601	-209.7674	10.8846	0.0000
212	-27.1792	-148.6626	-52.1525	109.4903	-33.8073	-209.6491	30.0332	0.0000
213	-85.8870	-33.2307	-35.7353	99.8529	43.7067	-162.3855	52.3855	0.0000
214	-49.4438	13.5587	-10.7655	25.1345	22.3573	-58.2424	70.7070	0.0000
215	-59.0373	-44.5972	-31.2663	10.8489	-35.1089	-64.8856	61.5088	0.0000
216	-64.1982	-21.6866	-43.7656	11.3063	-38.6493	-87.2380	68.1410	0.0000
217	-67.8285	-115.8302	-55.0976	20.4317	-60.3096	-123.3491	20.2037	0.0000
218	-85.5794	-147.7051	-69.9853	30.9871	-72.7663	-160.5182	22.4651	0.0000
219	-115.5237	-144.7268	-78.0752	54.7766	-73.4359	-186.8147	37.5370	0.0000
220	-123.7547	-86.2645	-63.0558	54.7025	-47.1844	-162.8348	54.4576	0.0000
221	-92.6916	-36.9225	-38.8842	18.8649	-31.1406	-98.4796	72.9601	0.0000
222	-62.4250	-35.0439	-29.2407	6.2197	-33.6973	-63.7716	77.7838	0.0000
223	-42.5322	-31.0527	-22.0306	0.1170	-31.0516	-42.5504	89.4171	0.0000
224	0.9738	-95.0478	-28.2222	0.9259	-42.2363	-95.0563	0.5524	0.0000
225	14.4332	-94.1173	-23.9052	3.7330	14.5614	-94.2455	1.9673	0.0000
226	30.8755	-92.7898	-18.5743	4.4570	31.0359	-92.9502	2.0614	0.0000
227	58.9336	-99.6387	-12.2115	11.6180	59.8095	-100.5146	4.2389	0.0000
228	143.2328	2.1265	43.6361	78.9203	178.5896	-32.1693	24.0958	0.0000
229	94.6336	67.4599	50.1380	50.0733	136.1406	30.9528	36.0948	0.0000
230	65.5899	26.6965	27.6859	22.8004	76.1104	16.1760	24.7694	0.0000
231	32.9925	-30.2957	-19.3287	19.7471	38.6484	-35.9527	15.9827	0.0000
232	7.2372	-71.7554	-19.3254	15.7581	10.2648	-74.7822	10.8754	0.0000
233	-16.2363	-110.6109	-38.0511	15.3639	-13.7883	-113.0488	9.0166	0.0000
234	-34.4283	-154.5144	-56.6828	19.7861	-31.2522	-157.6905	9.1194	0.0000
235	-45.1538	-200.8005	-73.7866	30.7335	-39.3060	-206.6492	9.1749	0.0000
236	-56.8617	-379.1688	-130.8100	70.2053	-42.2363	-393.7972	11.7701	0.0000
237	-0.2849	161.9884	48.5110	67.0083	186.0813	-24.3779	70.2239	0.0000
238	-11.3660	-15.2272	-7.9779	26.7081	13.4812	-40.0744	42.9328	0.0000
239	-21.0834	-62.1166	-24.8600	16.5248	-15.2552	-67.9439	19.4246	0.0000
240	-36.2337	-108.1032	-43.2038	12.8330	-34.0943	-110.3315	9.8247	0.0000
241	-53.2350	-149.0931	-60.6984	14.9782	-50.9492	-151.9389	8.6772	0.0000
242	-67.8470	-196.7572	-79.3812	23.2947	-63.7666	-200.8375	9.9352	0.0000
243	-75.4118	-243.4552	-95.6601	40.2937	-66.2869	-252.6000	12.7992	0.0000
244	-85.2415	-470.1941	-166.6307	97.9723	-61.7417	-493.6939	13.4883	0.0000
245	-4.1311	246.6344	72.7510	92.6418	277.1469	-34.6437	71.7702	0.0000
246	-14.8952	-24.9922	3.0291	35.7758	46.0077	-35.9107	59.5690	0.0000
247	-25.3324	-21.5637	-14.0688	21.8401	-1.5268	-45.3693	47.4657	0.0000
248	-42.5937	-70.9455	-34.0618	15.3667	-35.8629	-77.6763	23.6541	0.0000
249	-61.1319	-113.2435	-52.3126	14.6558	-57.2930	-117.0824	14.6784	0.0000
250	-77.7789	-162.9831	-72.2285	19.7154	-73.4381	-167.3239	12.4169	0.0000
251	-87.1511	-209.8997	-89.1152	32.3921	-79.1276	-217.9232	13.9121	0.0000
252	-96.7030	-423.7622	-156.1396	88.5185	-74.2823	-446.1827	14.2133	0.0000
253	-21.7911	227.1335	61.6027	83.8751	252.7515	-47.4151	73.0120	0.0000
254	-29.9414	13.4142	-4.9582	27.6498	26.8710	-42.3982	64.0484	0.0000
255	-37.6911	-36.9093	-22.3801	18.9113	-18.3849	-56.2156	45.5921	0.0000
256	-52.8242	-87.0012	-41.9476	20.7551	-43.0279	-96.7975	25.2669	0.0000
257	-72.9580	-125.3341	-59.4876	32.7836	-57.1868	-141.1053	25.8908	0.0000
258	-100.2432	-136.7186	-77.0904	48.6447	-72.2388	-184.7290	29.6340	0.0000
259	-158.0496	-150.5329	-92.5748	69.5756	-84.6742	-223.9683	46.5460	0.0000
260	-161.9839	-78.6181	-72.1806	45.4309	-58.6453	-181.9567	66.2682	0.0000

JOINT ANALYSIS

STEP 1 CASE-4 SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
261	-76.9724	-24.3416	-30.3942	1.5544	-24.2952	-77.0188	88.2990	0.0000
262	-51.0326	-33.1625	-28.1600	0.1389	-51.1659	-54.0335	89.6186	0.0000
263	30.5353	187.9160	58.9818	103.8241	239.5008	-21.0496	63.5796	0.0000
264	13.6753	39.1206	14.2549	70.8099	98.3417	-45.5459	50.0929	0.0000
265	-1.8212	-17.9351	-5.3342	52.9514	43.7223	-63.4786	40.6774	0.0000
266	-18.5962	-65.0236	-24.5773	44.0553	7.9872	-91.6069	31.1071	0.0000
267	-34.4004	-108.8028	-38.6649	40.0066	-16.9714	-126.2318	23.5405	0.0000
268	-48.3813	-156.6451	-55.3571	39.8230	-35.3110	-169.7154	18.1703	0.0000
269	-59.5971	-224.4054	-76.6807	44.2593	-48.4634	-235.5391	14.1201	0.0000
270	-49.9122	-313.0209	-91.9919	30.6933	-46.3791	-316.5540	6.5665	0.0000
271	-18.4284	107.9764	24.1780	31.2110	115.2628	-26.7148	76.8593	0.0000
272	-10.1810	13.0250	0.7682	40.9218	43.9576	-41.1125	52.9154	0.0000
273	-22.6757	-56.0287	-21.2138	34.2138	-1.3046	-77.4498	31.9903	0.0000
274	-105.4032	-105.4032	-38.4993	32.7682	-23.9969	-118.5933	21.9261	0.0000
275	-52.6514	-152.1439	-55.2947	34.8006	-41.6871	-163.1082	17.4876	0.0000
276	-66.7459	-203.3520	-72.9264	40.5973	-55.5269	-214.5011	15.3599	0.0000
277	-8.3354	-280.5839	-96.9082	53.0160	-65.2808	-293.6385	13.8322	0.0000
278	-61.5808	-388.4729	-121.5145	41.6104	-56.3673	-393.6862	77.1415	0.0000
279	-13.9053	180.5062	44.4309	44.4309	190.1750	-23.5741	77.7203	0.0000
280	-0.3198	63.2337	16.9854	52.0053	92.3983	-28.4894	60.7121	0.0000
281	-5.0642	-13.9886	7.8442	39.5608	23.0381	-54.0908	45.3894	0.0000
282	-31.6897	-63.2211	-26.1659	35.0427	-9.6086	-87.3023	32.2159	0.0000
283	-49.6749	-112.8979	-43.8946	34.2001	-34.7146	-127.8582	23.6262	0.0000
284	-66.4061	-164.5979	-62.3713	37.0076	-54.0206	-176.9841	18.5040	0.0000
285	-81.2184	-242.0900	-87.2933	47.8219	-68.0762	-255.2322	15.3665	0.0000
286	-68.2281	-357.7775	-115.0215	40.6419	-62.6317	-363.3740	78.8404	0.0000
287	-20.4295	174.2281	41.5418	39.9901	182.1817	-38.3226	78.8348	0.0000
288	-7.6557	48.0390	10.8981	42.2934	70.8197	-30.4563	61.6811	0.0000
289	-31.2887	-36.0420	-15.4793	33.1197	5.2659	-62.5966	38.7218	0.0000
290	-35.9425	-90.4331	-24.1187	36.9190	-17.3020	-109.0636	26.7893	0.0000
291	-54.6448	-135.3994	-51.3119	49.0792	-31.4663	-158.5759	25.2780	0.0000
292	-76.3046	-160.8059	-64.0198	67.0543	-39.3000	-207.8105	28.8926	0.0000
293	-15.6005	-187.1374	-81.7393	109.5845	-36.0948	-266.6432	35.9616	0.0000
294	-78.7106	108.1088	7.9375	31.9227	113.4130	-84.0148	80.5661	0.0000
295	-39.2600	59.5002	5.4919	64.0068	91.0416	-10.7014	63.8388	0.0000
296	-33.2715	-5.8139	-10.5530	61.7042	43.6703	-82.7557	51.2718	0.0000
297	-36.4699	-55.3803	-24.7996	57.2542	12.1046	-103.9548	40.3113	0.0000
298	-43.0557	-101.7855	-39.1071	53.2135	-11.6435	-133.1987	30.5543	0.0000
299	-48.4213	-151.9208	-54.0924	49.0535	-28.8669	-174.4752	21.7399	0.0000
300	-46.7383	-209.2928	-69.1264	39.5981	-37.8034	-211.4258	14.9876	0.0000
301	-40.2589	-265.7565	-82.6242	16.1381	-39.1098	-366.9056	4.0728	0.0000
302	-37.3794	73.4878	9.7493	16.7768	75.5709	-39.8625	81.5809	0.0000
303	-31.0111	11.0390	5.3925	38.5680	39.9581	-53.9302	59.2921	0.0000
304	-31.4758	-50.0699	-32.0171	41.9477	5.1267	-66.6714	39.1572	0.0000
305	-39.6339	-102.1297	-38.2762	46.7434	-14.6567	-127.1080	28.1187	0.0000
306	-49.3137	-150.5377	-53.9509	48.3800	-29.9100	-169.9414	21.8542	0.0000
307	-56.3015	-205.0112	-70.5541	49.7478	-41.1941	-220.1186	16.8924	0.0000
308	-52.9517	-270.7354	-87.3955	44.7476	-44.1160	-329.5712	11.1698	0.0000
309	-41.7381	-335.2209	-101.7789	19.6059	-40.4942	-396.5247	3.8049	0.0000
310	-34.5793	139.1521	28.2347	22.6714	142.6714	-37.4891	82.6862	0.0000
311	-23.0638	165.1525	11.5259	47.9300	83.5848	-43.9661	66.4079	0.0000
312	-23.0087	-4.1122	-7.3226	51.2377	38.5411	-65.6619	50.2240	0.0000