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ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL) SUB STEP 1

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
209	-43.7736	-113.7934	-47.2701	-2.3138	-43.6972	-113.8698	-1.8905	0.0000
210	-49.1744	-155.8375	-61.5036	4.7979	-48.9590	-156.0529	2.5704	0.0000
211	-59.2279	-213.8770	-81.9315	25.3072	-55.1919	-217.9130	9.0613	0.0000
212	-21.7906	-154.9575	-53.0244	107.8107	38.3402	-215.0883	29.1503	0.0000
213	-84.3550	-32.6362	-35.0974	102.1298	46.8572	-163.8485	52.1044	0.0000
214	-46.6008	16.7558	-8.9535	23.1183	24.2945	-54.1395	71.9393	0.0000
215	-56.9397	-45.9426	-30.8647	7.9626	-41.7645	-61.1178	62.3134	0.0000
216	-62.2911	-86.0504	-44.5025	8.8086	-59.3817	-88.9599	18.2782	0.0000
217	-66.1248	-123.2835	-56.8225	19.2663	-60.2373	-129.1711	16.9926	0.0000
218	-85.6751	-157.6860	-73.0083	31.4852	-73.8505	-169.5105	20.5841	0.0000
219	-118.4128	-153.5782	-81.5973	58.0890	-75.3038	-196.6872	36.5798	0.0000
220	-128.0483	-90.1054	-65.4461	58.1460	-47.9142	-170.2395	54.0350	0.0000
221	-95.3746	-37.1955	-39.7710	19.8572	-31.0642	-101.5059	72.8408	0.0000
222	-63.5318	-35.1042	-29.5908	6.4408	-33.7129	-64.9230	77.8114	0.0000
223	-42.9700	-31.0088	-22.1936	0.1060	-31.0079	-42.9709	89.4924	0.0000
224	0.6684	-95.0963	-28.3284	1.0708	0.6804	-95.1083	0.6406	0.0000
225	13.4799	-94.0869	-24.1821	3.4329	13.5893	-94.1963	1.8261	0.0000
226	28.7853	-92.9330	-19.2443	4.2808	28.9357	-93.0834	2.0118	0.0000
227	54.5447	-99.0617	-13.3551	10.9764	55.3251	-99.8421	4.0667	0.0000
228	129.7972	-8.1670	36.4891	70.7271	159.6121	-37.9819	22.8578	0.0000
229	85.7808	44.5880	39.1107	41.4532	111.4725	18.8964	31.7896	0.0000
230	52.6444	-0.7721	15.5617	16.9739	57.5818	-5.7095	16.2185	0.0000
231	21.4073	-60.8543	-11.8341	15.1311	24.1022	-63.5492	10.0987	0.0000
232	-3.9328	-106.9519	-33.2654	13.0294	-2.3104	-108.5743	7.0976	0.0000
233	-27.5902	-151.1219	-53.6136	15.6564	-25.6368	-153.0753	7.1118	0.0000
234	-45.9657	-202.1365	-74.4307	24.5941	-42.1842	-205.9181	8.7413	0.0000
235	-55.7232	-254.9481	-93.2014	43.0994	-46.7990	-263.8723	11.6984	0.0000
236	-68.0808	-492.8918	-168.2918	100.9847	-45.2970	-515.6756	12.7140	0.0000
237	15.8141	280.2673	88.8244	96.7863	311.9049	-15.8234	71.8984	0.0000
238	4.2469	45.0096	14.7770	37.8253	67.5951	-18.3386	59.1585	0.0000
239	-4.7669	-7.8503	-3.7852	20.4115	14.1610	-26.7783	42.8403	0.0000
240	-20.4626	-60.9505	-24.4239	12.4343	-16.9488	-64.4643	15.7796	0.0000
241	-38.1260	-107.0496	-43.5527	11.7523	-36.1772	-108.9984	9.4153	0.0000
242	-53.0986	-158.7137	-63.5437	18.2153	-50.0453	-161.7670	9.5156	0.0000
243	-61.1624	-208.9182	-81.0242	33.5267	-53.9109	-216.1697	12.2046	0.0000
244	-71.4234	-423.7923	-148.5647	88.1790	-50.5889	-444.6269	13.2938	0.0000
245	1.6034	242.3474	73.1852	82.5210	267.9176	-23.9668	72.7837	0.0000
246	-9.6640	31.6271	6.5889	27.5354	45.3973	-23.4342	63.4310	0.0000
247	-20.5084	-18.6340	-11.7427	13.9521	-5.5877	-33.5548	46.9215	0.0000
248	-38.0726	-71.4183	-32.8473	7.9037	-36.2941	-73.1968	12.6816	0.0000
249	-57.1953	-117.4061	-52.3804	8.1661	-56.1075	-118.4940	7.5882	0.0000
250	-74.5104	-171.1199	-73.6891	14.8155	-72.2894	-173.3409	8.5256	0.0000
251	-84.3224	-221.4551	-91.7333	29.7371	-78.1517	-227.6259	11.7231	0.0000
252	-94.6033	-445.2273	-161.9492	90.8443	-72.4641	-467.3665	13.6963	0.0000
253	-16.9966	241.4957	67.3498	86.2147	267.6122	-43.1130	73.1472	0.0000
254	-25.7422	17.2153	-2.5581	25.7989	29.3062	-37.8331	64.8895	0.0000
255	-33.8839	-37.5769	-21.4382	16.4127	-19.2141	-52.2467	41.7904	0.0000
256	-49.9569	-92.2254	-42.6547	18.8461	-42.7745	-99.4078	20.8622	0.0000
257	-71.6964	-134.1767	-61.7619	32.6707	-57.7335	-148.1396	23.1412	0.0000
258	-101.4500	-167.9994	-80.8348	50.7769	-74.0164	-195.4330	28.3813	0.0000
259	-164.1162	-160.0956	-97.2635	74.2816	-87.7971	-236.4146	45.7751	0.0000
260	-168.8678	-81.8562	-75.2172	48.4098	-60.2753	-190.4486	65.9730	0.0000

JOINT ANALYSIS

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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	-78.6908	-23.7312	-30.7266	1.5217	-23.6891	-78.7329	88.4152	0.0000
262	-54.8277	-33.2670	-26.4284	0.1323	-33.2662	-54.8285	89.6486	0.0000
263	21.1271	154.5129	47.4228	93.6211	202.7671	-27.1272	62.7325	0.0000
264	4.0570	9.9392	3.7790	63.3889	70.4551	-56.4590	46.3282	0.0000
265	-12.1049	-51.2721	-17.1118	48.1699	20.3101	-83.6871	33.9378	0.0000
266	-29.6396	-103.7036	-36.0027	42.0496	-10.6400	-122.7032	24.3152	0.0000
267	-46.3555	-154.1591	-54.1389	41.4534	-32.2588	-168.2558	18.7811	0.0000
268	-61.0041	-210.5087	-73.3084	45.7311	-48.1251	-223.3877	15.7285	0.0000
269	-72.3142	-293.5775	-98.7908	56.2933	-58.8157	-307.0760	13.4843	0.0000
270	-54.8783	-402.1272	-123.3915	41.1014	-50.0797	-406.9258	6.6591	0.0000
271	-8.4463	204.0844	52.8223	42.0897	212.1163	-16.4782	79.1962	0.0000
272	7.3144	87.6984	25.6535	52.4415	113.5783	-18.5656	63.7336	0.0000
273	-5.5345	3.4413	-0.5652	39.3553	38.5637	-40.6570	48.2528	0.0000
274	-20.8580	-54.1975	-20.2650	33.6854	0.0566	-75.1121	31.8354	0.0000
275	-37.3570	-107.3453	-39.0696	32.6722	-24.4757	-120.2266	21.5174	0.0000
276	-52.4427	-163.4971	-58.3038	36.2677	-41.6479	-174.2919	16.5753	0.0000
277	-64.9436	-243.2003	-83.1989	47.0722	-53.2768	-254.8671	13.9202	0.0000
278	-50.8417	-351.0495	-108.5106	37.2436	-46.2903	-355.6009	6.9674	0.0000
279	-7.0054	185.3587	48.1554	39.0838	192.9964	-14.6431	78.9428	0.0000
280	4.0036	68.3205	19.5275	44.1690	90.7978	-18.4737	63.0287	0.0000
281	-11.5198	-11.2735	-6.1542	32.1470	20.7506	-43.5439	45.1098	0.0000
282	-28.9967	-66.5084	-25.7864	28.3145	-13.7894	-81.7157	28.2395	0.0000
283	-47.9305	-118.3848	-44.9051	28.6198	-37.7699	-128.5454	19.5458	0.0000
284	-65.6478	-174.4382	-64.8232	33.0281	-56.4058	-183.6802	15.6328	0.0000
285	-81.4394	-257.1673	-91.4238	46.0934	-70.0830	-268.5236	13.8407	0.0000
286	-68.0549	-379.2611	-120.7753	40.8347	-62.7861	-384.5300	7.3522	0.0000
287	-17.6443	188.3824	46.0993	40.2984	195.9842	-25.2461	79.3174	0.0000
288	-4.3399	54.0467	13.4208	41.2764	75.4102	-25.7034	62.6352	0.0000
289	-18.8662	-37.0259	-15.0909	31.5700	4.9037	-60.7959	36.9771	0.0000
290	-34.7074	-96.7436	-35.4918	36.2903	-17.9855	-113.4655	24.7394	0.0000
291	-55.1022	-145.9620	-54.2873	50.4250	-32.6605	-168.4037	23.9915	0.0000
292	-78.8305	-173.2794	-68.0697	70.9356	-40.8376	-211.2724	28.1734	0.0000
293	-121.4309	-199.8144	-86.7362	117.2540	-36.9922	-284.2532	35.7590	0.0000
294	-79.2883	82.1120	0.7624	28.7991	87.0968	-84.2731	80.1801	0.0000
295	-44.0166	27.5479	-4.4465	58.7779	60.5786	-77.0472	60.6659	0.0000
296	-39.5580	-42.2686	-22.0932	58.1388	17.2413	-99.0679	44.3323	0.0000
297	-43.5789	-97.8927	-38.1973	56.2028	-8.3158	-133.1557	32.1052	0.0000
298	-50.3342	-151.5789	-54.5165	55.0736	-26.1520	-175.7611	23.7057	0.0000
299	-54.7434	-211.1439	-71.7896	53.9244	-37.9536	-227.9338	17.2945	0.0000
300	-49.4481	-279.7245	-88.8766	45.6604	-40.7248	-288.4479	10.8159	0.0000
301	-38.5506	-344.3745	-103.3898	18.7006	-37.4113	-345.5138	3.4862	0.0000
302	-33.4773	159.6195	34.0584	19.7094	161.6108	-35.4685	84.2311	0.0000
303	-22.1820	87.5945	17.6614	44.7838	103.5463	-38.1338	70.3943	0.0000
304	-19.0501	14.3528	-1.2683	49.3570	49.7575	-54.4548	54.3474	0.0000
305	-26.3011	-47.3388	-19.8828	48.0518	12.3697	-86.0096	38.8262	0.0000
306	-36.1148	-102.9836	-37.5566	47.0482	-11.8310	-127.2674	27.3004	0.0000
307	-43.7053	-163.2014	-55.8648	46.4170	-27.7938	-179.1129	18.9215	0.0000
308	-41.6366	-233.4726	-74.2795	40.8391	-33.3045	-241.8048	11.5315	0.0000
309	-32.0739	-302.7810	-90.4108	17.6828	-30.9237	-303.9312	3.7215	0.0000
310	-26.1935	149.9238	33.4072	19.8596	152.1355	-28.4051	83.6454	0.0000
311	-16.6635	71.9026	14.9145	41.8703	88.5630	-33.3240	68.3021	0.0000
312	-18.0374	-1.8691	-5.3747	44.6518	35.4245	-55.3309	50.1311	0.0000

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ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL) SUB STEP 1

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
313	-29.6972	-61.4805	-24.6180	44.2535	1.4315	-92.6093	35.1233	0.0000
314	-44.0614	-115.2149	-43.0046	44.8638	-22.3802	-136.8961	25.7929	0.0000
315	-56.5250	-175.5174	-62.6514	46.0595	-40.7797	-191.2626	18.8728	0.0000
316	-58.1283	-251.6465	-83.6392	43.0474	-48.9846	-260.7902	11.9919	0.0000
317	-48.1191	-333.5974	-103.0634	20.0125	-46.7230	-334.9935	3.9905	0.0000
318	-38.7704	157.8645	32.1554	17.9448	159.4887	-40.3946	84.8281	0.0000
319	-24.3300	59.3861	9.4652	36.3017	72.9349	-37.8787	69.5332	0.0000
320	-22.3592	-32.9522	-14.9341	41.2510	13.9340	-69.2454	41.3417	0.0000
321	-33.1509	-101.4592	-36.3447	49.7639	-6.9481	-127.6619	27.7686	0.0000
322	-52.3828	-153.9066	-55.6981	65.7679	-20.0653	-186.2241	26.1689	0.0000
323	-79.8407	-190.2026	-72.9117	91.6998	-27.9992	-242.0441	29.4811	0.0000
324	-104.9594	-209.7159	-84.9624	124.2832	-22.4681	-292.2073	33.5737	0.0000
325	-73.6830	49.9427	-6.4099	19.0174	52.8021	-76.5423	81.4495	0.0000
326	-68.5272	7.6300	-16.4422	39.2209	24.2164	-85.1135	67.0767	0.0000
327	-56.8875	-43.7489	-27.1718	52.5050	2.5962	-103.2326	48.5658	0.0000
328	-53.0442	-95.9509	-40.2287	58.4966	-12.1911	-136.8041	34.9299	0.0000
329	-53.6308	-145.4537	-53.7528	57.8890	-25.6572	-173.4273	25.7911	0.0000
330	-50.9987	-198.3302	-67.3188	49.7433	-35.7767	-213.5522	17.0147	0.0000
331	-44.5594	-253.7924	-80.5550	35.4320	-38.7221	-259.6297	9.3552	0.0000
332	-40.9118	-304.1070	-93.1551	13.9663	-40.1728	-304.8460	3.0290	0.0000
333	-39.2212	130.5875	24.6689	14.9327	131.8906	-40.5244	85.0125	0.0000
334	-35.9985	74.5207	10.4010	36.4264	85.4465	-46.9243	73.3038	0.0000
335	-31.1622	13.4983	-4.7693	48.5456	44.6031	-62.2671	57.3509	0.0000
336	-31.4617	-43.4572	-20.2281	54.6429	17.5116	-92.4305	41.8681	0.0000
337	-36.0143	-96.0385	-35.6543	54.0241	-4.2256	-127.8272	30.4732	0.0000
338	-37.1933	-151.8784	-51.0493	46.6140	-20.6370	-168.4346	19.5539	0.0000
339	-33.3785	-211.8226	-66.2043	33.8424	-27.1758	-218.0253	10.3860	0.0000
340	-30.5925	-267.7748	-80.5592	13.5533	-29.8205	-268.5468	3.2599	0.0000
341	-28.6763	125.1400	26.0452	15.4891	126.6843	-30.2205	84.3066	0.0000
342	-26.2925	62.6970	9.8292	36.9734	76.0540	-39.6495	70.1374	0.0000
343	-24.8499	-1.5601	-7.1307	48.4478	36.6226	-63.0326	51.7576	0.0000
344	-30.0355	-58.7255	-23.9655	54.7684	12.2353	-100.9964	37.6614	0.0000
345	-38.9250	-110.5969	-40.3709	55.8550	-8.3984	-141.1235	28.6581	0.0000
346	-45.0846	-167.1385	-57.3002	51.2577	-26.4144	-185.8087	20.0138	0.0000
347	-46.5643	-232.2396	-75.2770	39.0026	-38.7042	-240.0996	11.3940	0.0000
348	-44.8062	-299.2303	-92.8898	15.2289	-43.8979	-300.1386	3.4133	0.0000
349	-41.2748	141.0288	26.9336	10.4692	141.6281	-41.8741	86.7240	0.0000
350	-34.1203	51.8570	4.7889	26.8756	59.5667	-41.8300	73.9936	0.0000
351	-30.2630	-38.8336	-18.6561	43.5800	9.2419	-78.3385	42.1920	0.0000
352	-38.8790	-109.4326	-40.0441	61.9552	-2.8613	-145.4502	30.1716	0.0000
353	-59.2702	-165.2585	-60.6227	81.9288	-14.6902	-209.8385	28.5520	0.0000
354	-84.9982	-205.4940	-78.4329	109.8807	-19.9322	-270.5600	30.6320	0.0000
355	-110.0721	-223.7910	-90.1430	138.7258	-17.0054	-316.8577	33.8564	0.0000
356	-71.0519	27.6989	-11.7053	14.2988	29.7277	-73.0807	81.9247	0.0000
357	-63.9913	-9.2566	-19.7769	31.9633	5.4549	-78.7028	65.2853	0.0000
358	-66.6394	-54.9630	-32.8326	45.6962	-14.7335	-106.8688	48.6404	0.0000
359	-62.7566	-98.1786	-43.4525	53.4661	-24.1443	-136.7908	35.8361	0.0000
360	-50.1524	-135.9660	-50.2520	53.4750	-24.4985	-161.6199	25.6287	0.0000
361	-47.4995	-179.7879	-61.3676	45.1678	-33.5488	-193.7386	17.1640	0.0000
362	-51.8912	-228.7543	-75.7743	30.3342	-46.8332	-233.8124	9.4666	0.0000
363	-46.6113	-271.1345	-85.7914	10.0959	-46.1583	-271.5876	2.5694	0.0000
364	-40.4062	107.0775	18.0012	11.9989	108.0473	-41.3760	85.3791	0.0000

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ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL) SUB STEP 1

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
365	-36.2068	60.9971	6.6934	33.4019	71.3683	-46.5781	72.7505	0.0000
366	-42.7282	6.7348	-9.7182	46.9972	35.1105	-71.1040	58.8774	0.0000
367	-41.3191	-43.4046	-22.8754	53.4539	11.1023	-95.8260	44.4412	0.0000
368	-30.6041	-86.4632	-31.6082	53.9606	2.2266	-119.2939	31.3171	0.0000
369	-31.1151	-134.7109	-44.7730	46.5014	-13.3041	-152.5220	20.9579	0.0000
370	-38.3293	-189.0040	-61.3800	31.2172	-32.1177	-195.2156	11.2537	0.0000
371	-33.5249	-237.7364	-73.2406	10.3230	-33.0044	-238.2569	2.8865	0.0000
372	-27.6521	103.9175	20.5917	12.7076	105.1337	-28.8682	84.5335	0.0000
373	-23.0657	50.8736	7.5081	35.6892	65.2895	-37.4816	68.0048	0.0000
374	-32.0557	-7.4278	-10.6605	51.2620	32.9786	-72.4620	51.7537	0.0000
375	-34.9304	-58.6049	-25.2545	58.1761	12.6005	-106.1358	39.2495	0.0000
376	-28.6992	-103.9491	-35.8150	59.1376	3.7679	-136.4162	28.7672	0.0000
377	-30.0773	-154.8056	-49.9184	55.1521	-9.1886	-175.6944	20.7441	0.0000
378	-41.4575	-208.6241	-67.5220	43.4894	-30.8203	-219.2612	13.7443	0.0000
379	-48.7378	-267.1788	-85.2975	13.4819	-47.9089	-268.0078	3.5184	0.0000
380	-36.2943	131.8560	25.8017	2.5603	131.8950	-36.3333	89.1279	0.0000
381	-23.2920	39.0916	4.2659	22.1696	46.1675	-30.3679	72.2983	0.0000
382	-43.8781	-54.5853	-26.5851	52.4253	3.4662	-101.9296	42.0846	0.0000
383	-58.6016	-123.2005	-49.0866	71.1887	-12.7277	-169.0745	32.7977	0.0000
384	-62.7830	-177.4372	-64.8594	97.7549	-6.7857	-233.4345	29.8055	0.0000
385	-104.1900	-226.7049	-89.3416	132.4053	-19.5583	-311.3366	32.5862	0.0000
386	-124.1054	-244.6311	-99.5588	163.5605	-10.0592	-358.6773	34.8870	0.0000
387	-67.9974	-13.1572	-21.9117	14.6646	-9.4820	-71.6725	75.9308	0.0000
388	-70.0260	-50.0757	-32.4277	35.5022	-23.1745	-96.9282	52.8466	0.0000
389	-67.3686	-50.2415	-31.7547	46.7373	-11.2897	-106.3204	50.1915	0.0000
390	-60.1445	-86.1470	-39.4987	37.5133	-33.4434	-112.8481	35.4424	0.0000
391	-54.4225	-137.0824	-51.7063	37.1335	-40.1911	-151.3138	20.9693	0.0000
392	-46.1689	-176.8925	-60.2266	46.6470	-31.2306	-191.8308	17.7572	0.0000
393	-44.2020	-175.7861	-59.3968	35.4755	-35.2471	-184.7410	14.1669	0.0000
394	-47.9169	-212.6998	-70.3665	12.1990	-47.0187	-213.5980	4.2111	0.0000
395	-47.1037	62.3181	4.1079	14.7103	64.2612	-49.0468	82.4753	0.0000
396	-45.9996	17.1012	-7.8026	39.0642	35.7647	-64.6632	64.4631	0.0000
397	-44.8121	17.5404	-7.3633	52.1597	47.1309	-74.4025	60.4335	0.0000
398	-42.2645	-27.1210	-18.7341	42.8559	8.8269	-78.2124	50.0098	0.0000
399	-38.0337	-87.0809	-33.7810	42.3048	-13.6584	-111.4563	29.9498	0.0000
400	-29.5006	-134.0967	-44.1713	51.3404	-8.5121	-155.0852	22.2353	0.0000
401	-28.7423	-133.8163	-43.8908	38.7539	-15.9954	-146.5633	18.2072	0.0000
402	-33.1271	-178.8408	-57.2313	14.2432	-31.7479	-180.2200	5.5308	0.0000
403	-32.0232	59.4854	7.4148	16.7119	62.4419	-34.9797	79.9676	0.0000
404	-32.2749	4.4108	-7.5233	42.1307	32.0186	-59.8827	56.7637	0.0000
405	-31.2362	4.7950	-7.1391	56.8559	46.4213	-72.8625	53.7908	0.0000
406	-25.1516	-45.7897	-19.1542	50.2395	15.8177	-86.7590	39.1965	0.0000
407	-19.6386	-109.2821	-34.8086	55.5212	6.8950	-135.8157	25.5432	0.0000
408	-23.9786	-159.2234	-49.4646	65.8513	2.7874	-185.9895	22.1199	0.0000
409	-26.4861	-160.1509	-50.3920	53.5192	-7.6980	-178.9390	19.3438	0.0000
410	-1.6102	-171.4284	-46.7204	44.5093	9.3485	-182.3871	13.8318	0.0000
411	-25.2442	83.6810	15.7779	1.4002	83.6990	-25.2622	89.2636	0.0000
412	-39.3422	-47.5274	-23.4548	44.1526	0.9071	-87.7766	42.3521	0.0000
413	-49.0625	-51.1226	-27.0500	76.4883	26.4027	-126.5878	44.6142	0.0000
414	-54.6625	-125.0638	-48.5261	74.9383	-7.0693	-172.6571	32.4196	0.0000
415	-96.6696	-218.9035	-85.2047	132.6578	-11.7270	-303.8460	32.6920	0.0000
416	-121.5072	-249.0333	-100.0459	177.2436	3.0938	-373.6343	35.1069	0.0000

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ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL) SUB STEP 1

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
417	-64.4858	-44.9984	-29.5608	15.9015	-36.0928	-73.3915	60.7490	0.0000
418	-56.2954	-83.7865	-37.8221	30.9407	-36.1844	-103.8976	33.0233	0.0000
419	-53.7821	-124.5933	-48.1614	30.6899	-42.3323	-136.0431	20.4595	0.0000
420	-46.5236	-163.1703	-56.6173	14.8958	-44.6514	-165.0424	7.1635	0.0000
421	-49.7446	25.9063	-6.4364	18.5859	30.2258	-54.0641	76.9162	0.0000
422	-42.5870	-21.2985	-17.2491	39.3562	8.8275	-72.7130	52.5670	0.0000
423	-41.9252	-74.3758	-31.4013	37.9783	-16.8515	-99.4495	33.4333	0.0000
424	-33.8893	-125.7385	-43.0995	17.6717	-30.6066	-129.0212	10.5233	0.0000
425	-36.0452	22.5750	-3.6369	18.0324	27.6779	-41.1480	74.1995	0.0000
426	-21.3565	-42.8129	-17.3257	41.0888	10.3816	-74.5509	37.6834	0.0000
427	-10.7714	-104.2566	-31.0575	48.8254	10.0788	-125.1068	23.1242	0.0000
428	-27.8274	-141.4163	-45.6958	49.1590	-9.5072	-159.7366	20.4391	0.0000
429	-25.4022	15.5525	-2.6594	45.3053	44.7933	-54.6429	57.1612	0.0000
430	-87.5684	-182.5090	-72.9209	125.0343	-1.2963	-268.7811	34.6052	0.0000
431	-136.6446	-265.9756	-108.7075	206.9910	15.5468	-418.1670	36.3254	0.0000
432	-56.8917	-64.8891	-32.8808	11.8796	-48.3558	-73.4249	35.6983	0.0000
433	-53.3312	-85.5057	-37.4860	24.6069	-40.0196	-98.8174	28.4123	0.0000
434	-48.5008	-106.4304	-41.8314	24.7634	-39.3580	-115.5731	20.2643	0.0000
435	-46.1899	-125.6732	-46.4030	12.0919	-44.3910	-127.4721	8.4615	0.0000
436	-45.3130	1.6616	-11.7859	16.9788	7.1558	-50.8073	72.0686	0.0000
437	-44.2164	-22.9124	-18.1248	35.2596	3.2690	-70.3978	53.4048	0.0000
438	-41.1966	-52.4200	-25.2765	33.8316	-12.5145	-81.1021	40.2910	0.0000
439	-39.8665	-85.4024	-33.8226	14.9563	-35.3935	-89.8754	16.6504	0.0000
440	-37.0352	6.1052	-8.3511	11.8635	9.1524	-40.0824	75.5947	0.0000
441	-30.9962	-46.4688	-20.9156	27.9631	-9.7190	-67.7461	37.2677	0.0000
442	-21.6075	-94.6871	-31.3995	31.5282	-9.8856	-106.4089	20.3946	0.0000
443	16.6379	-107.0452	-24.4100	27.9818	22.6739	-113.0812	12.1728	0.0000
444	-52.8997	-88.8760	-38.2794	108.1625	38.7602	-180.5359	40.2789	0.0000
445	-134.1070	-222.1296	-96.1839	198.0510	24.7639	-381.0006	38.7356	0.0000
446	-53.4746	-77.0045	-35.2294	9.0315	-50.4078	-80.0713	18.7561	0.0000
447	-49.2553	-85.2776	-36.3239	20.4777	-39.9949	-94.5379	24.3334	0.0000
448	-45.0422	-94.0791	-37.5627	20.9298	-37.3238	-101.7974	20.2426	0.0000
449	-41.8735	-100.1568	-38.3482	9.9399	-40.2249	-101.8054	9.4170	0.0000
450	-42.2104	-15.1689	-15.4924	15.9008	-7.8175	-49.5618	65.1876	0.0000
451	-40.6866	-22.8282	-17.1490	34.1019	3.4942	-67.0090	52.3364	0.0000
452	-40.1047	-36.1327	-20.5841	32.8558	-5.2030	-71.0344	46.7295	0.0000
453	-39.8298	-57.1903	-26.1954	13.7773	-32.2263	-64.7938	28.8937	0.0000
454	-39.2994	-0.4112	-10.7219	8.3474	1.3049	-41.0155	78.3830	0.0000
455	-39.4232	-48.1583	-23.6470	25.9061	-17.5190	-70.0624	40.2152	0.0000
456	-53.4171	-80.5111	-36.1606	29.8973	-34.1409	-99.7874	32.8119	0.0000
457	-90.1920	-103.2856	-52.2390	18.2512	-77.3490	-116.1287	35.1334	0.0000
458	-173.2513	-217.0419	-105.3792	211.7506	17.7330	-408.0261	42.0483	0.0000
459	-122.9281	-99.8213	-60.1423	200.0052	88.9639	-311.7133	46.6530	0.0000
460	-50.6661	-84.0956	-36.3857	6.9659	-49.2727	-85.4891	11.3121	0.0000
461	-46.6309	-84.3928	-35.3764	16.5803	-40.3843	-90.6395	20.6440	0.0000
462	-41.7714	-85.4903	-34.3607	17.2339	-35.7949	-91.4669	19.1261	0.0000
463	-38.7754	-83.0369	-32.8893	8.6100	-37.1595	-84.6528	10.6292	0.0000
464	-36.8360	-27.3336	-17.3258	15.4387	-15.9316	-48.2380	53.5527	0.0000
465	-35.7339	-23.3233	-15.9455	32.6143	3.6707	-62.7280	50.3863	0.0000
466	-33.5260	-24.3673	-15.6312	32.6565	4.0293	-61.9227	48.9912	0.0000
467	-35.5478	-35.5055	-19.1844	14.5742	-20.9525	-50.1008	45.0416	0.0000
468	-34.3770	-5.2630	-10.7028	6.7030	-3.7939	-35.8461	77.6379	0.0000

STEP 1 CASE-3 SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
469	-41.4697	-53.6958	-25.6947	31.3148	-15.6768	-79.4886	39.4771	0.0000
470	-75.2566	-81.1298	-42.2243	56.9427	-21.1748	-135.2116	43.5239	0.0000
471	-100.8614	-74.9935	-47.4808	75.0607	-11.7606	-164.0943	49.8884	0.0000
472	-196.3401	-89.6811	-77.2257	94.6694	-34.3537	-251.6676	59.6968	0.0000
473	-87.9325	-241.0833	-88.8343	88.1337	-47.7546	-281.2612	24.5071	0.0000
474	-48.1180	-89.4301	-37.1380	4.0089	-47.7325	-89.8155	5.4917	0.0000
475	-43.7844	-82.1138	-33.9925	11.1928	-40.7553	-85.1429	15.1432	0.0000
476	-38.3903	-75.9801	-30.8800	11.9569	-34.9093	-79.4610	16.2318	0.0000
477	-34.3908	-65.0290	-26.8434	6.1494	-33.2027	-66.2172	10.9358	0.0000
478	-30.9217	-40.9457	-19.4042	12.6658	-22.3123	-49.5550	34.2054	0.0000
479	-24.0021	-23.1637	-12.7348	29.9395	6.3595	-53.5253	45.4011	0.0000
480	-22.3322	-13.0529	-9.5540	29.8109	12.4772	-47.8624	49.4232	0.0000
481	-16.0552	-8.5402	-6.6408	24.8095	12.7948	-37.3901	49.3061	0.0000
482	-14.6796	-14.2425	-7.8090	9.4276	-5.0309	-23.8912	45.6639	0.0000
483	-41.0802	-72.8231	-30.7539	43.9956	-5.4495	-108.4538	36.0255	0.0000
484	-72.0667	-107.1391	-48.3856	92.2011	4.2510	-183.4568	39.6156	0.0000
485	-116.4455	-170.9690	-77.6019	133.8509	-7.1083	-280.3062	39.2439	0.0000
486	-58.2174	-160.7424	-59.1191	50.0732	-37.8198	-181.1399	22.1638	0.0000
487	-45.4335	-90.7784	-36.7772	0.8351	-45.4181	-90.7938	1.0547	0.0000
488	-41.7169	-78.0240	-32.3301	5.1614	-40.9975	-78.7435	7.9357	0.0000
489	-36.7222	-66.5708	-27.8891	5.6116	-35.7021	-67.5909	10.3032	0.0000
490	-32.5597	-49.8658	-22.2549	2.5805	-32.1831	-50.2423	8.3027	0.0000
491	-27.9729	-49.0221	-20.7887	5.7139	-26.5219	-50.4732	14.2490	0.0000
492	-12.9424	-29.1365	-11.3613	17.2572	-1.9771	-40.1018	32.4320	0.0000
493	10.3604	11.9512	6.0241	28.1416	39.3086	-16.9970	45.8095	0.0000
494	6.3809	26.4081	8.8530	-8.6530	29.6288	3.1602	-69.5844	0.0000
495	-8.0443	-40.9298	-13.2230	34.8771	14.0717	-63.0458	32.3793	0.0000
496	-43.7061	-91.1965	-36.4237	76.4551	12.6063	-147.5089	36.3732	0.0000
497	-76.0956	-131.8277	-56.1393	102.4136	2.1753	-210.0986	37.3894	0.0000
498	-65.4723	-152.6231	-58.8857	120.2611	18.8646	-236.9600	35.0413	0.0000
499	-42.9327	-87.4262	-35.1969	-1.4508	-42.8854	-87.4734	-1.8656	0.0000
500	-41.1187	-72.2266	-30.6032	0.5459	-41.1091	-72.2362	1.0050	0.0000
501	-38.4878	-57.8548	-26.0125	0.4704	-38.4763	-57.8662	1.3905	0.0000
502	-36.1379	-40.2917	-20.6360	-0.5758	-36.0596	-40.3700	-7.7484	0.0000
503	-32.8018	-44.9341	-20.9887	-2.3194	-32.3735	-45.3624	-10.4624	0.0000
504	-20.8393	-26.3857	-12.7508	-5.4052	-17.5374	-29.6876	-31.4195	0.0000
505	3.3528	13.2441	4.4812	-5.6202	15.7849	0.8121	-65.6736	0.0000
506	30.9682	37.1628	18.3954	44.7557	78.9282	-10.7972	46.9794	0.0000
507	-17.6251	-92.2677	-29.6711	59.8328	15.5720	-125.4648	29.0229	0.0000
508	-74.1431	-104.8156	-48.3189	106.9487	18.5634	-197.5221	40.9198	0.0000
509	-85.1217	-129.5662	-57.9657	112.6343	7.4616	-222.1495	39.4196	0.0000
510	-40.5426	-81.3032	-32.8984	-2.0420	-40.4406	-81.4053	-2.8608	0.0000
511	-41.6755	-65.3716	-28.9027	-0.6940	-41.6552	-65.3919	-1.6760	0.0000
512	-42.8079	-49.3069	-24.8710	-1.1394	-42.6139	-49.5009	-9.6613	0.0000
513	-43.6641	-34.2434	-21.0350	-1.6975	-33.9469	-43.9606	-80.0909	0.0000
514	-44.0110	-31.5283	-20.3956	-6.0842	-29.0534	-46.4859	-67.8651	0.0000
515	-45.6054	-12.4985	-15.6881	-11.7041	-8.7788	-49.3252	-72.3689	0.0000
516	-59.6985	-3.3059	-17.0112	-10.0409	-1.5714	-61.4329	-80.1994	0.0000
517	-48.5068	3.1486	-12.2467	3.6790	3.4093	-48.7675	85.9465	0.0000
518	-115.4593	-205.6971	-86.7122	136.7073	-16.6178	-304.5386	35.8675	0.0000
519	-135.1774	-76.6181	-57.1848	110.6183	8.5299	-220.3255	52.4128	0.0000
520	-96.5402	-86.1776	-49.3338	102.6406	11.4124	-194.1301	46.4449	0.0000

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ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL) SUB STEP 1

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
521	-84.2735	-112.5759	-53.1493	111.3011	13.7724	-210.6218	41.3770	0.0000
522	-38.6071	-76.6273	-31.1133	-0.5826	-38.5982	-76.6362	-0.8777	0.0000
523	-42.3484	-59.1762	-27.4116	1.7604	-42.1662	-59.3584	5.9085	0.0000
524	-46.7485	-41.4213	-23.8058	0.9777	-41.2475	-46.9222	79.9219	0.0000
525	-50.0617	-28.7144	-21.2695	-0.6050	-28.6972	-50.0788	-88.3778	0.0000
526	-53.1457	-18.4016	-19.3178	-4.0179	-17.9431	-53.6042	-83.4887	0.0000
527	-64.6308	-11.5002	-20.5554	-1.9181	-11.4311	-64.6999	-87.9351	0.0000
528	-90.2713	7.1067	-22.4544	15.4329	9.4941	-92.6586	81.2065	0.0000
529	-160.0183	-86.1084	-66.4542	95.5699	-20.5975	-225.5293	55.5702	0.0000
530	-120.0688	-161.0578	-75.9042	50.9323	-85.6622	-195.4643	34.0404	0.0000
531	-194.1658	-125.0625	-86.1916	90.3155	-62.9151	-256.3132	55.4676	0.0000
532	-107.0955	-79.2038	-50.3008	70.7069	-21.0805	-165.2187	50.5787	0.0000
533	-81.5280	-66.4345	-39.9499	73.6576	0.0619	-148.0245	47.9250	0.0000
534	-36.7607	-75.1513	-30.2162	2.0399	-36.6526	-75.2594	3.0330	0.0000
535	-42.2473	-54.1233	-26.0201	6.3430	-39.4966	-56.8740	23.4443	0.0000
536	-48.3435	-33.6969	-22.1509	4.7657	-32.2828	-49.7577	73.4728	0.0000
537	-52.0646	-22.0266	-20.0046	1.1461	-21.9829	-52.1082	87.8180	0.0000
538	-55.2737	-12.4599	-18.2881	-0.5608	-12.4526	-55.2811	-89.2496	0.0000
539	-64.9650	-13.0325	-21.0593	8.8881	-11.5534	-66.4440	80.5521	0.0000
540	-87.3826	-29.6770	-31.6061	43.8974	-5.9992	-111.0605	61.6580	0.0000
541	-82.1274	-82.7492	-44.5167	82.3328	-0.1049	-164.7717	44.8918	0.0000
542	-77.8238	-117.9137	-52.8491	62.6036	-32.1343	-163.6032	36.1228	0.0000
543	-41.3927	-97.8576	-37.5976	48.2627	-13.7114	-125.5390	29.8367	0.0000
544	-68.2875	-52.7896	-32.6908	57.3826	-2.6351	-118.4420	48.8453	0.0000
545	-46.1827	-44.6139	-24.5151	31.8965	-13.4921	-77.3044	45.7044	0.0000
546	-34.1530	-78.7238	-30.4768	6.4670	-33.2337	-79.6432	8.0911	0.0000
547	-40.0199	-47.9027	-23.7391	12.5255	-30.8303	-57.0923	36.2664	0.0000
548	-43.8150	-22.3429	-17.8626	8.6214	-19.3098	-46.8481	70.6172	0.0000
549	-45.9397	-11.2349	-15.4371	2.4185	-11.0671	-46.1074	86.0328	0.0000
550	-46.3496	-10.3986	-15.3220	1.7984	-10.3089	-46.4394	87.1434	0.0000
551	-52.0683	-26.1473	-21.1182	18.6665	-16.3831	-61.8325	62.3865	0.0000
552	-57.4678	-50.0170	-29.0209	46.6869	-6.9071	-100.5777	47.2811	0.0000
553	-48.9119	-81.0948	-35.1018	65.4350	2.3811	-132.3879	38.0921	0.0000
554	-34.9432	-83.7989	-32.0604	56.0668	1.7862	-120.5283	33.2288	0.0000
555	-31.3797	-70.7853	-27.5846	24.9661	-19.2783	-82.8867	25.8601	0.0000
556	-27.9022	-90.8036	-32.0506	10.3337	-26.2480	-92.4577	9.0944	0.0000
557	-29.4705	-36.0148	-17.6810	17.0925	-15.3398	-50.1456	39.5813	0.0000
558	-25.5989	-6.1963	-8.5847	3.9151	-5.4361	-26.3591	79.0113	0.0000
559	-15.4818	1.5374	-3.7650	1.9546	1.7589	-15.7034	83.5321	0.0000
560	-19.6352	-12.3481	-8.6355	2.7078	-11.4521	-20.5312	71.6905	0.0000
561	-32.1752	-41.2260	-19.8183	26.0375	-10.2727	-63.1284	40.0701	0.0000
562	-38.8869	-61.1432	-27.0081	45.1259	-3.5373	-96.4928	38.0736	0.0000
563	-36.6752	-75.2374	-30.2164	53.6135	1.0189	-112.9315	35.1099	0.0000
564	-28.4254	-76.9246	-28.4445	50.6753	3.5036	-108.8536	32.2138	0.0000
565	-20.1482	-105.9338	-34.0421	2.4348	-20.0792	-106.0028	1.6245	0.0000
566	3.8120	-17.6935	-3.7480	14.4361	11.0599	-24.9413	26.6597	0.0000
567	16.4281	14.4863	8.3469	-12.1642	27.6601	3.2543	-42.7184	0.0000
568	7.6141	2.1340	2.6320	-6.3850	11.8221	-2.0740	-33.3869	0.0000
569	-3.4024	-20.8405	-6.5456	18.6117	8.4313	-32.6742	32.4491	0.0000
570	-23.3680	-50.6947	-19.9969	37.4078	2.7936	-76.8563	34.9675	0.0000
571	-35.1302	-63.2940	-26.5745	47.6298	0.4557	-98.8799	36.7648	0.0000
572	-40.4798	-75.2352	-31.2431	55.4778	0.2783	-115.9933	36.3038	0.0000

JOINT ANALYSIS

STEP 1 CASE-3

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
573	-18.5042	-97.7789	-31.3964	-14.5049	-15.9336	-100.3495	-10.0498	0.0000
574	4.9360	-11.3239	-1.7247	-24.8292	22.9323	-29.3203	-35.9348	0.0000
575	13.9384	15.9389	8.0669	8.5306	23.5277	6.3496	48.3439	0.0000
576	3.4689	6.2407	2.6216	5.2922	10.3255	-0.6159	52.3373	0.0000
577	-8.8452	-39.1401	-12.9560	26.4887	6.5212	-54.5065	30.1186	0.0000
578	-27.1368	-51.8087	-21.3153	49.5666	11.6058	-90.5514	38.0122	0.0000
579	-41.0712	-63.2101	-28.1560	51.5510	0.5854	-104.8668	38.9405	0.0000
580	-42.2548	-73.7911	-31.3324	59.6460	3.6721	-119.7180	37.5960	0.0000
581	-22.6983	-67.2270	-24.2798	-21.7258	-13.8546	-76.0707	-22.1493	0.0000
582	-26.1489	-17.9815	-11.9152	-27.4955	5.7319	-49.8623	-49.2240	0.0000
583	-18.1411	0.1154	-4.8669	-8.4131	3.4010	-21.4267	-68.6673	0.0000
584	3.5235	19.6778	6.2643	8.2240	23.1277	0.0735	67.2420	0.0000
585	-13.8175	-67.9546	-22.0785	42.6075	9.5927	-91.3648	28.7861	0.0000
586	-46.7475	-49.5438	-25.9987	60.7912	12.6616	-108.9529	44.3412	0.0000
587	-41.6865	-53.6146	-25.7313	50.9873	3.6843	-98.9855	41.6642	0.0000
588	-23.7395	-37.1879	-16.4504	-15.9276	-13.1749	-47.7525	-33.5560	0.0000
589	-35.6998	-17.0069	-14.2308	-21.2130	-3.1726	-49.5341	-56.8892	0.0000
590	-49.9346	-2.7067	-14.2132	-17.0257	2.7910	-55.4324	-72.1042	0.0000
591	-64.4056	14.4579	-13.4859	-18.8977	18.7524	-68.7001	-77.1969	0.0000
592	-94.7859	-118.9740	-57.7152	88.0466	-18.0066	-195.7533	41.0894	0.0000
593	-49.7386	-17.9492	-18.2757	44.5837	13.4884	-81.1762	54.8109	0.0000
594	-33.1314	-32.0421	-17.5968	38.1933	5.6105	-70.7839	45.4085	0.0000
595	-21.9136	-18.6410	-10.9497	-6.8668	-13.2182	-27.3363	-51.7016	0.0000
596	-39.7993	-17.8460	-15.5642	-7.9497	-15.2696	-42.3757	-72.0433	0.0000
597	-64.3270	2.3831	-16.7249	9.5441	3.7217	-65.6656	82.0161	0.0000
598	-107.5884	-108.6965	-58.3969	58.9788	-49.1610	-167.1238	44.7309	0.0000
599	-92.2745	-33.3482	-33.9181	16.0019	-29.2832	-96.3395	75.7465	0.0000
600	-31.7732	-2.5025	-9.2544	16.6215	5.0087	-39.2844	65.6820	0.0000
601	-20.0251	-13.7050	-9.1071	0.5866	-13.6510	-20.0791	84.7420	0.0000
602	-33.2657	-18.5434	-13.9885	7.8595	-15.1362	-36.6730	66.5624	0.0000
603	-48.3632	-36.1606	-22.8214	29.0128	-12.6145	-71.9093	50.9380	0.0000
604	-29.2019	-56.6417	-23.1778	31.8538	-8.2389	-77.6046	33.3489	0.0000
605	-6.9543	-59.8585	-18.0395	2.3853	-6.8469	-59.9659	2.5764	0.0000
606	-20.5158	-7.3447	-7.5224	18.2739	5.4941	-33.3546	54.9091	0.0000
607	-12.2774	5.4603	-1.8406	-17.4702	16.1839	-23.0010	-58.4574	0.0000
608	-16.9906	-12.6895	-8.0136	4.2621	-10.0662	-19.6139	58.3870	0.0000
609	-23.4415	-25.3834	-13.1827	15.4991	-8.8829	-39.9420	43.2076	0.0000
610	-19.1171	-37.8075	-15.3696	23.6067	-3.0731	-53.8515	34.2014	0.0000
611	-9.0429	-48.4557	-15.5246	19.4365	-1.0705	-56.4281	22.3025	0.0000
612	9.5929	-10.4187	-0.2230	-4.8298	10.6975	-11.5234	-12.8832	0.0000
613	-12.7472	-13.6946	-7.1393	5.7839	-7.4176	-19.0241	42.6590	0.0000
614	-13.2815	-24.8118	-10.2852	13.5825	-4.2912	-33.8021	33.5005	0.0000
615	-9.5515	-34.9122	-12.0052	15.8546	-1.9302	-42.5335	25.6738	0.0000
616	-2.4473	-32.8559	-9.5319	11.8854	1.6469	-36.9501	19.0076	0.0000
617	-1.9800	-32.6980	-9.3631	0.7888	-1.9598	-32.7182	1.4701	0.0000
618	-7.9727	-13.4898	-5.7949	5.1155	-4.9194	-16.5431	30.8322	0.0000
619	-6.8739	-21.0189	-7.5311	9.4731	-2.1244	-25.7685	26.6277	0.0000
620	-4.4744	-26.0832	-8.2505	9.3078	-1.0180	-29.5396	20.3722	0.0000
621	-3.9409	-30.3974	-9.2713	10.0447	-0.5594	-33.7789	18.6054	0.0000
622	-4.7876	-11.4350	-4.3801	3.4903	-3.2916	-12.9309	23.2004	0.0000
623	-4.2412	-15.2257	-5.2561	6.3169	-1.3628	-18.1041	24.4974	0.0000
624	-3.5514	-19.3112	-6.1729	6.6104	-1.1459	-21.7167	19.9965	0.0000

JOINT ANALYSIS

STEP 1 CASE-3 PAGE 80

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL) SUB STEP 1

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
625	-2.5137	-24.3853	-7.2627	6.9167	-0.5099	-26.3891	16.1564	0.0000
626	-2.1164	-7.7320	-2.6591	2.0509	-1.4472	-8.4013	18.0729	0.0000
627	-2.1403	-9.3651	-3.1065	3.9379	-0.4089	-11.0965	23.7344	0.0000
628	-1.5321	-11.7908	-3.5972	3.7647	-0.2988	-13.0241	18.1384	0.0000
629	-0.5127	-13.7473	-3.8502	2.3881	-0.0950	-14.1650	9.9221	0.0000
630	-0.1586	-2.7674	-0.7900	0.7088	0.0215	-2.9476	14.2601	0.0000
631	-0.1007	-3.1988	-0.8909	1.5635	0.5512	-3.8507	22.6334	0.0000
632	0.5919	-3.7323	-0.8479	1.1213	0.8653	-4.0058	13.7062	0.0000
633	0.6204	-3.9120	-0.8888	0.1662	0.6264	-3.9181	2.0977	0.0000
634	-11.4085	-7.3338	-5.0604	12.5919	3.3845	-22.1269	49.5954	0.0000
635	6.4037	7.7393	3.8186	-4.2779	11.4013	2.7417	-49.4364	0.0000
636	19.1965	29.9730	13.2758	25.6870	50.8308	-1.6613	50.9234	0.0000
637	-81.7044	52.4485	-7.8991	5.6666	52.6874	-81.9433	87.5856	0.0000
638	-17.2651	-200.5528	-58.8108	27.4318	-13.2475	-204.5703	8.3320	0.0000
639	-4.1195	-133.7368	-37.2212	19.5302	-1.2407	-136.6156	8.3851	0.0000
640	8.5526	-82.5413	-19.9769	23.8044	14.3980	-88.3867	13.7966	0.0000
641	-120.1684	-54.7504	-47.2281	-5.8707	-54.2277	-120.6911	-84.9123	0.0000
642	-189.8908	-187.0616	-101.7771	148.4279	-40.0416	-336.9108	45.2730	0.0000
643	-74.0783	-154.5806	-61.7379	120.9397	13.1326	-241.7914	35.7958	0.0000

JOINT ELEMENT STRAIN,STRESS (TOTAL)

ELEMENT	STRAIN(UO)	STRAIN(VO)	STRAIN(WO)	STRESS(ST)	STRESS(SN)	MOMENT(FM)	SAFTY FACT
1250	-3.404190E-03	-9.879783E-07	5.856218E-07	0.0000	-49.3989	16.6509	0.0000
1290	-5.724557E-03	-6.314058E-07	-2.177542E-07	0.0000	-31.5703	-6.1818	0.0000
1322	-7.609755E-03	-8.295307E-07	1.318532E-08	0.0000	-41.4765	0.3743	0.0000
1354	-9.229387E-03	-8.595425E-07	-4.415041E-08	0.0000	-42.9771	-1.2553	0.0000
1386	-1.105565E-02	-9.350401E-07	-1.688562E-08	0.0000	-46.7520	-3.8379	0.0000
1413	-1.297123E-02	-9.610441E-07	3.464184E-09	0.0000	-48.0522	0.7874	0.0000
1429	-1.435847E-02	-9.156048E-07	1.936375E-08	0.0000	-45.7802	4.8409	0.0000
1444	-1.507117E-02	-8.387762E-07	3.810107E-08	0.0000	-41.9388	1.1907	0.0000
1459	-1.535286E-02	-7.546723E-07	3.680227E-08	0.0000	-37.7336	2.2462	0.0000
1473	-1.549010E-02	-6.602136E-07	3.101177E-08	0.0000	-33.0107	3.6969	0.0000
1487	-1.545212E-02	-6.279099E-07	-1.033741E-08	0.0000	-31.3955	-1.2323	0.0000
1500	-1.531599E-02	-6.890273E-07	-2.877775E-08	0.0000	-34.4514	-3.4306	0.0000
1512	-1.520611E-02	-9.410522E-07	-1.325182E-07	0.0000	-47.0526	-15.7974	0.0000
1524	-1.517359E-02	-7.805282E-07	3.128371E-07	0.0000	-39.0264	15.8592	0.0000
1536	-1.519294E-02	-1.919520E-06	-1.282191E-06	0.0000	-95.9760	-65.0005	0.0000
1548	-1.522656E-02	3.288683E-06	1.222765E-06	0.0000	0.0000	0.0000	0.0000
1559	-1.525250E-02	2.996382E-07	2.882350E-06	0.0000	-50.0480	164.3297	0.0000
1569	-1.524949E-02	3.033012E-04	2.662014E-04	0.0000	0.0000	0.0000	0.0000
1578	-1.177033E-02	1.707889E-03	9.609054E-04	0.0000	0.0000	0.0000	0.0000
1587	-1.141503E-02	4.056000E-03	1.030585E-03	0.0000	0.0000	0.0000	0.0000
1595	-1.058101E-02	7.349869E-03	1.604510E-03	0.0000	0.0000	0.0000	0.0000
1603	-1.358632E-02	1.477555E-06	2.806216E-05	0.0000	-323.6471	437.2594	0.0000
1610	-1.358059E-02	3.829926E-04	2.069326E-04	0.0000	0.0000	0.0000	0.0000
1258	-3.024856E-03	-1.019844E-06	7.849845E-07	0.0000	-50.9922	22.3194	0.0000
1298	-5.148689E-03	-4.713167E-07	-2.190214E-07	0.0000	-23.5658	-6.2178	0.0000

JOINT ANALYSIS

STEP 1 CASE-3

SUB STEP 1

JOINT ELEMENT STRAIN,STRESS (TOTAL)

ELEMENT	STRAIN(UO)	STRAIN(VO)	STRAIN(WO)	STRESS(ST)	STRESS(SN)	MOMENT(FM)	SAFTY FACT
1330	-6.891863E-03	-6.295679E-07	5.562322E-08	0.0000	-31.4784	1.5791	0.0000
1362	-8.395806E-03	-5.945168E-07	-1.942214E-08	0.0000	-29.7258	-0.5522	0.0000
1394	-1.005391E-02	-6.485899E-07	-1.819509E-08	0.0000	-32.4295	-4.1355	0.0000
1417	-1.176615E-02	-6.839208E-07	-4.025930E-11	0.0000	-34.1960	-0.0092	0.0000
1433	-1.301413E-02	-8.788343E-07	-9.741771E-08	0.0000	-43.9417	-24.3544	0.0000
1448	-1.368308E-02	-3.101445E-07	7.635251E-07	0.0000	-18.7885	18.9383	0.0000
1463	-1.401191E-02	-2.259453E-06	-2.170267E-06	0.0000	-112.9727	-132.4626	0.0000
1477	-1.427332E-02	3.122591E-05	2.316685E-05	0.0000	0.0000	0.0000	0.0000
1491	-1.436988E-02	6.767236E-04	3.899517E-04	0.0000	0.0000	0.0000	0.0000
1504	-1.185621E-02	2.610088E-03	9.655317E-04	0.0000	0.0000	0.0000	0.0000
1516	-1.034300E-02	6.830066E-03	1.735254E-03	0.0000	0.0000	0.0000	0.0000
1528	-1.335918E-02	-8.360099E-06	4.984298E-06	0.0000	-418.0050	761.7728	0.0000
1541	-1.353201E-02	-1.262791E-06	-8.030769E-07	0.0000	-63.1396	-122.7379	0.0000
1266	-3.194043E-03	-1.575054E-06	1.361403E-06	0.0000	-78.7527	38.7087	0.0000
1306	-5.511492E-03	-7.605084E-07	-5.210674E-07	0.0000	-38.0254	-14.7925	0.0000
1338	-7.473442E-03	-6.652520E-07	6.194220E-07	0.0000	-33.2626	17.5847	0.0000
1370	-9.244128E-03	-1.825097E-06	-1.816053E-06	0.0000	-91.2549	-51.6357	0.0000
1402	-1.136128E-02	8.092892E-05	4.362001E-05	0.0000	0.0000	0.0000	0.0000
1421	-1.358203E-02	1.348262E-03	6.104872E-04	0.0000	0.0000	0.0000	0.0000
1437	-1.468475E-02	4.659175E-03	1.296498E-03	0.0000	0.0000	0.0000	0.0000
1452	-1.426697E-02	9.961064E-03	2.708894E-03	0.0000	0.0000	0.0000	0.0000
1467	-1.877379E-02	-9.904077E-07	1.828400E-05	0.0000	-414.5099	1488.7940	0.0000
2577	-4.996294E-05	2.547220E-03	6.504070E-04	0.0000	0.0000	0.0000	0.0000
2504	1.284431E-04	1.315198E-03	5.609599E-04	0.0000	0.0000	0.0000	0.0000
2654	3.587620E-04	-2.534001E-06	8.169125E-07	0.0000	-126.7001	86.1587	0.0000

STRUCTURAL ANALYSIS SYSTEM

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    SSSSSSSSSSSS   TTTTTTTTTTTT   AAAAAAAAAAAA   GGGGGGGGGGGG   EEEEEEEEEEEE
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  SSS                   TT        AA        AA   GG               EE
  SSSSSSSSS            TT        AAAAAAAAAAAA   GG               EEEEEEEEEEE
  SSSSSSSSS           TT         AAAAAAAAAAAA   GG      GGGG     EEEEEEEEEEE
         SSS        TT        AA        AA   GG      GGGG   EE
         SS       TT        AA        AA   GG        GG   EE
 SS        SS    TT        AA        AA   GG        GG   EE
SSSSSSSSSSSS   TT        AA        AA   GGGGGGGGGGGG   EEEEEEEEEEEE
SSSSSSSSSS   TT        AA        AA   GGGGGGGGGG   EEEEEEEEEEE
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FOR GEOLOGICAL PROBLEM

V1.21

CASE - 4

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ID
         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890

1        TITLE     JOINT ANALYSIS
2        CONTROL
3        GRID      節点番号  節点のx座標   y座標     z座標
4                      1      -23.800    35.000     0.000
5                      2       24.072    35.000     0.000
6                      3       62.370    35.000     0.000
7                      4       94.285    35.000     0.000
8                      5      126.200    35.000     0.000
9                      6      142.200    35.000     0.000
10                     7      156.200    35.000     0.000
11                     8      176.000    35.000     0.000
12                     9      199.000    35.000     0.000
13                    10      231.280    35.000     0.000
14                    11      255.280    35.000     0.000
15                    12      279.195    35.000     0.000
16                    13      311.110    35.000     0.000
17                    14      349.408    35.000     0.000
18                    15      397.280    35.000     0.000
19                    16      -23.800    80.000     0.000
20                    17       24.072    80.000     0.000
21                    18       62.370    80.000     0.000
22                    19       94.285    80.000     0.000
23                    20      126.200    80.000     0.000
24                    21      142.200    80.000     0.000
25                    22      156.200    80.000     0.000
26                    23      176.000    80.000     0.000
27                    24      199.000    80.000     0.000
28                    25      231.280    80.000     0.000
29                    26      255.280    80.000     0.000
30                    27      279.195    80.000     0.000
31                    28      311.110    80.000     0.000
32                    29      349.408    80.000     0.000
33                    30      397.280    80.000     0.000
34                    31      -23.800   115.724     0.000
35                    32       24.072   115.724     0.000
36                    33       62.370   115.724     0.000
37                    34       94.285   115.724     0.000
38                    35      126.200   115.724     0.000
39                    36      142.200   115.724     0.000
40                    37      156.200   115.724     0.000
41                    38      176.000   115.724     0.000
42                    39      199.000   115.724     0.000
43                    40      231.280   115.724     0.000
44                    41      255.280   115.724     0.000
45                    42      279.195   115.724     0.000
46                    43      311.110   115.724     0.000
47                    44      349.408   115.724     0.000
48                    45      397.280   115.724     0.000
49                    46      -23.800   138.112     0.000
50                    47       24.072   138.112     0.000
51                    48       62.370   138.112     0.000
52                    49       94.285   138.112     0.000
53                    50      126.200   138.112     0.000
54                    51      142.200   138.112     0.000

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57	54	169.000	138.112	0.000				
58	55	176.000	138.112	0.000				
59	56	183.000	138.112	0.000				
60	57	191.000	138.112	0.000				
61	58	199.000	138.112	0.000				
62	59	207.680	138.112	0.000				
63	60	219.280	138.112	0.000				
64	61	231.280	138.112	0.000				
65	62	255.280	138.112	0.000				
66	63	279.195	138.112	0.000				
67	64	311.110	138.112	0.000				
68	65	349.408	138.112	0.000				
69	66	397.280	138.112	0.000				
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71	68	24.072	160.500	0.000				
72	69	62.370	160.500	0.000				
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80	77	183.000	160.500	0.000				
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83	80	207.680	160.500	0.000				
84	81	219.280	160.500	0.000				
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87	84	279.195	160.500	0.000				
88	85	311.110	160.500	0.000				
89	86	349.408	160.500	0.000				
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91	88	-23.800	172.500	0.000				
92	89	24.072	172.500	0.000				
93	90	62.370	172.500	0.000				
94	91	94.285	172.500	0.000				
95	92	126.200	172.500	0.000				
96	93	134.200	172.500	0.000				
97	94	142.200	172.500	0.000				
98	95	150.200	172.500	0.000				
99	96	156.200	172.500	0.000				
100	97	159.400	172.500	0.000				
101	98	162.600	172.500	0.000				
102	99	165.800	172.500	0.000				
103	100	169.000	172.500	0.000				
104	101	172.500	172.500	0.000				
105	102	176.000	172.500	0.000				
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107	104	183.000	172.500	0.000				
108	105	187.000	172.500	0.000				
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110	107	195.000	172.500	0.000				
111	108	199.000	172.500	0.000				
112	109	203.340	172.500	0.000				
113	110	207.680	172.500	0.000				
114	111	213.480	172.500	0.000				
115	112	219.280	172.500	0.000				
116	113	225.280	172.500	0.000				
117	114	231.280	172.500	0.000				
118	115	239.280	172.500	0.000				
119	116	255.280	172.500	0.000				
120	117	279.195	172.500	0.000				
121	118	311.110	172.500	0.000				
122	119	349.408	172.500	0.000				
123	120	397.280	172.500	0.000				
124	121	-23.800	180.500	0.000				
125	122	24.072	180.500	0.000				
126	123	62.370	180.500	0.000				
127	124	94.285	180.500	0.000				
128	125	126.200	180.500	0.000				
129	126	134.200	180.500	0.000				
130	127	142.200	180.500	0.000				
131	128	150.200	180.500	0.000				
132	129	156.200	180.500	0.000				
133	130	159.400	180.500	0.000				
134	131	162.600	180.500	0.000				
135	132	165.800	180.500	0.000				
136	133	169.000	180.500	0.000				
137	134	172.500	180.500	0.000				
138	135	176.000	180.500	0.000				
139	136	179.500	180.500	0.000				
140	137	183.000	180.500	0.000				
141	138	187.000	180.500	0.000				
142	139	191.000	180.500	0.000				
143	140	195.000	180.500	0.000				
144	141	199.000	180.500	0.000				
145	142	203.340	180.500	0.000				
146	143	207.680	180.500	0.000				
147	144	213.480	180.500	0.000				
148	145	219.280	180.500	0.000				
149	146	225.280	180.500	0.000				
150	147	231.280	180.500	0.000				
151	148	239.280	180.500	0.000				
152	149	255.280	180.500	0.000				
153	150	279.195	180.500	0.000				
154	151	311.110	180.500	0.000				
155	152	349.408	180.500	0.000				
156	153	397.280	180.500	0.000				
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158	155	142.200	184.500	0.000				
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160	157	150.200	184.500	0.000				
161	158	153.200	184.500	0.000				
162	159	156.200	184.500	0.000				
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164		161	159.400	184.500	0.000			
165		162	161.000	184.500	0.000			
166		163	162.600	184.500	0.000			
167		164	164.200	184.500	0.000			
168		165	165.800	184.500	0.000			
169		166	167.400	184.500	0.000			
170		167	169.000	184.500	0.000			
171		168	170.750	184.500	0.000			
172		169	172.500	184.500	0.000			
173		170	174.250	184.500	0.000			
174		171	176.000	184.500	0.000			
175		172	177.750	184.500	0.000			
176		173	179.500	184.500	0.000			
177		174	181.250	184.500	0.000			
178		175	183.000	184.500	0.000			
179		176	185.000	184.500	0.000			
180		177	187.000	184.500	0.000			
181		178	189.000	184.500	0.000			
182		179	191.000	184.500	0.000			
183		180	193.000	184.500	0.000			
184		181	195.000	184.500	0.000			
185		182	197.000	184.500	0.000			
186		183	199.000	184.500	0.000			
187		184	201.170	184.500	0.000			
188		185	203.340	184.500	0.000			
189		186	205.510	184.500	0.000			
190		187	207.680	184.500	0.000			
191		188	210.580	184.500	0.000			
192		189	213.480	184.500	0.000			
193		190	219.280	184.500	0.000			
194		191	225.280	184.500	0.000			
195		192	231.280	184.500	0.000			
196		193	239.280	184.500	0.000			
197		194	142.200	186.500	0.000			
198		195	146.200	186.500	0.000			
199		196	150.200	186.500	0.000			
200		197	153.200	186.500	0.000			
201		198	156.200	186.500	0.000			
202		199	157.800	186.500	0.000			
203		200	159.400	186.500	0.000			
204		201	161.000	186.500	0.000			
205		202	162.600	186.500	0.000			
206		203	164.200	186.500	0.000			
207		204	165.800	186.500	0.000			
208		205	167.400	186.500	0.000			
209		206	169.000	186.500	0.000			
210		207	170.750	186.500	0.000			
211		208	172.500	186.500	0.000			
212		209	174.250	186.500	0.000			
213		210	176.000	186.500	0.000			
214		211	177.750	186.500	0.000			
215		212	179.500	186.500	0.000			
216		213	181.250	186.500	0.000			
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217	214	183.000	186.500	0.000				
218	215	185.000	186.500	0.000				
219	216	187.000	186.500	0.000				
220	217	189.000	186.500	0.000				
221	218	191.000	186.500	0.000				
222	219	193.000	186.500	0.000				
223	220	195.000	186.500	0.000				
224	221	197.000	186.500	0.000				
225	222	199.000	186.500	0.000				
226	223	201.170	186.500	0.000				
227	224	203.340	186.500	0.000				
228	225	205.510	186.500	0.000				
229	226	207.680	186.500	0.000				
230	227	210.580	186.500	0.000				
231	228	213.480	186.500	0.000				
232	229	219.280	186.500	0.000				
233	230	225.280	186.500	0.000				
234	231	231.280	186.500	0.000				
235	232	-23.800	188.500	0.000				
236	233	24.072	188.500	0.000				
237	234	62.370	188.500	0.000				
238	235	94.285	188.500	0.000				
239	236	126.200	188.500	0.000				
240	237	134.200	188.500	0.000				
241	238	142.200	188.500	0.000				
242	239	146.200	188.500	0.000				
243	240	150.200	188.500	0.000				
244	241	153.200	188.500	0.000				
245	242	156.200	188.500	0.000				
246	243	157.800	188.500	0.000				
247	244	159.400	188.500	0.000				
248	245	161.000	188.500	0.000				
249	246	162.600	188.500	0.000				
250	247	164.200	188.500	0.000				
251	248	165.800	188.500	0.000				
252	249	167.400	188.500	0.000				
253	250	169.000	188.500	0.000				
254	251	170.750	188.500	0.000				
255	252	172.500	188.500	0.000				
256	253	174.250	188.500	0.000				
257	254	176.000	188.500	0.000				
258	255	177.750	188.500	0.000				
259	256	179.500	188.500	0.000				
260	257	181.250	188.500	0.000				
261	258	183.000	188.500	0.000				
262	259	185.000	188.500	0.000				
263	260	187.000	188.500	0.000				
264	261	189.000	188.500	0.000				
265	262	191.000	188.500	0.000				
266	263	193.000	188.500	0.000				
267	264	195.000	188.500	0.000				
268	265	197.000	188.500	0.000				
269	266	199.000	188.500	0.000				
270	267	201.170	188.500	0.000				
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271	268	203.340	188.500	0.000				
272	269	205.510	188.500	0.000				
273	270	207.680	188.500	0.000				
274	271	210.580	188.500	0.000				
275	272	213.480	188.500	0.000				
276	273	219.280	188.500	0.000				
277	274	225.280	188.500	0.000				
278	275	231.280	188.500	0.000				
279	276	239.280	188.500	0.000				
280	277	255.280	188.500	0.000				
281	278	279.195	188.500	0.000				
282	279	311.110	188.500	0.000				
283	280	349.408	188.500	0.000				
284	281	397.280	188.500	0.000				
285	282	156.296	190.438	0.000				
286	283	157.884	190.438	0.000				
287	284	159.472	190.438	0.000				
288	285	161.060	190.438	0.000				
289	286	162.648	190.438	0.000				
290	287	164.236	190.438	0.000				
291	288	165.824	190.438	0.000				
292	289	167.412	190.438	0.000				
293	290	169.000	190.438	0.000				
294	291	170.750	190.438	0.000				
295	292	172.500	190.438	0.000				
296	293	174.250	190.438	0.000				
297	294	176.000	190.438	0.000				
298	295	177.750	190.438	0.000				
299	296	179.500	190.438	0.000				
300	297	181.250	190.438	0.000				
301	298	183.000	190.438	0.000				
302	299	185.000	190.438	0.000				
303	300	187.000	190.438	0.000				
304	301	189.000	190.438	0.000				
305	302	191.000	190.438	0.000				
306	303	193.000	190.438	0.000				
307	304	195.000	190.438	0.000				
308	305	197.000	190.438	0.000				
309	306	199.000	190.438	0.000				
310	307	201.170	190.438	0.000				
311	308	203.340	190.438	0.000				
312	309	205.510	190.438	0.000				
313	310	207.680	190.438	0.000				
314	311	210.580	190.438	0.000				
315	312	213.480	190.438	0.000				
316	313	217.830	190.438	0.000				
317	314	156.393	192.375	0.000				
318	315	157.968	192.375	0.000				
319	316	159.544	192.375	0.000				
320	317	161.120	192.375	0.000				
321	318	162.696	192.375	0.000				
322	319	164.272	192.375	0.000				
323	320	165.848	192.375	0.000				
324	321	167.424	192.375	0.000				

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326	323	170.750	192.375	0.000				
327	324	172.500	192.375	0.000				
328	325	174.250	192.375	0.000				
329	326	176.000	192.375	0.000				
330	327	177.750	192.375	0.000				
331	328	179.500	192.375	0.000				
332	329	181.250	192.375	0.000				
333	330	183.000	192.375	0.000				
334	331	185.000	192.375	0.000				
335	332	187.000	192.375	0.000				
336	333	189.000	192.375	0.000				
337	334	191.000	192.375	0.000				
338	335	193.000	192.375	0.000				
339	336	195.000	192.375	0.000				
340	337	197.000	192.375	0.000				
341	338	199.000	192.375	0.000				
342	339	201.170	192.375	0.000				
343	340	203.340	192.375	0.000				
344	341	205.510	192.375	0.000				
345	342	207.680	192.375	0.000				
346	343	210.580	192.375	0.000				
347	344	213.480	192.375	0.000				
348	345	216.380	192.375	0.000				
349	346	156.489	194.312	0.000				
350	347	158.053	194.312	0.000				
351	348	159.617	194.312	0.000				
352	349	161.180	194.312	0.000				
353	350	162.744	194.312	0.000				
354	351	164.308	194.312	0.000				
355	352	165.872	194.312	0.000				
356	353	167.436	194.312	0.000				
357	354	169.000	194.312	0.000				
358	355	170.750	194.312	0.000				
359	356	172.500	194.312	0.000				
360	357	174.250	194.312	0.000				
361	358	176.000	194.312	0.000				
362	359	177.750	194.312	0.000				
363	360	179.500	194.312	0.000				
364	361	181.250	194.312	0.000				
365	362	183.000	194.312	0.000				
366	363	185.000	194.312	0.000				
367	364	187.000	194.312	0.000				
368	365	189.000	194.312	0.000				
369	366	191.000	194.312	0.000				
370	367	193.000	194.312	0.000				
371	368	195.000	194.312	0.000				
372	369	197.000	194.312	0.000				
373	370	199.000	194.312	0.000				
374	371	201.170	194.312	0.000				
375	372	203.340	194.312	0.000				
376	373	205.510	194.312	0.000				
377	374	207.680	194.312	0.000				
378	375	210.580	194.312	0.000				
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379	376	213.480	194.312	0.000				
380	377	214.930	194.312	0.000				
381	378	156.585	196.250	0.000				
382	379	158.137	196.250	0.000				
383	380	159.689	196.250	0.000				
384	381	161.241	196.250	0.000				
385	382	162.792	196.250	0.000				
386	383	164.344	196.250	0.000				
387	384	165.896	196.250	0.000				
388	385	167.448	196.250	0.000				
389	386	169.000	196.250	0.000				
390	387	170.750	196.250	0.000				
391	388	172.500	196.250	0.000				
392	389	174.250	196.250	0.000				
393	390	176.000	196.250	0.000				
394	391	177.750	196.250	0.000				
395	392	179.500	196.250	0.000				
396	393	181.250	196.250	0.000				
397	394	183.000	196.250	0.000				
398	395	185.000	196.250	0.000				
399	396	187.000	196.250	0.000				
400	397	189.000	196.250	0.000				
401	398	191.000	196.250	0.000				
402	399	193.000	196.250	0.000				
403	400	195.000	196.250	0.000				
404	401	197.000	196.250	0.000				
405	402	199.000	196.250	0.000				
406	403	201.170	196.250	0.000				
407	404	203.340	196.250	0.000				
408	405	205.510	196.250	0.000				
409	406	207.680	196.250	0.000				
410	407	210.580	196.250	0.000				
411	408	213.480	196.250	0.000				
412	409	156.777	200.125	0.000				
413	410	159.833	200.125	0.000				
414	411	162.889	200.125	0.000				
415	412	165.944	200.125	0.000				
416	413	169.000	200.125	0.000				
417	414	172.500	200.125	0.000				
418	415	176.000	200.125	0.000				
419	416	179.500	200.125	0.000				
420	417	183.000	200.125	0.000				
421	418	187.000	200.125	0.000				
422	419	191.000	200.125	0.000				
423	420	195.000	200.125	0.000				
424	421	199.000	200.125	0.000				
425	422	203.340	200.125	0.000				
426	423	207.680	200.125	0.000				
427	424	210.580	200.125	0.000				
428	425	156.970	204.000	0.000				
429	426	159.977	204.000	0.000				
430	427	162.985	204.000	0.000				
431	428	165.992	204.000	0.000				
432	429	169.000	204.000	0.000				
	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678

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	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678
433	430	172.500	204.000	0.000				
434	431	176.000	204.000	0.000				
435	432	179.500	204.000	0.000				
436	433	183.000	204.000	0.000				
437	434	187.000	204.000	0.000				
438	435	191.000	204.000	0.000				
439	436	195.000	204.000	0.000				
440	437	199.000	204.000	0.000				
441	438	203.340	204.000	0.000				
442	439	207.680	204.000	0.000				
443	440	157.170	208.000	0.000				
444	441	160.128	208.000	0.000				
445	442	163.085	208.000	0.000				
446	443	166.042	208.000	0.000				
447	444	169.000	208.000	0.000				
448	445	172.500	208.000	0.000				
449	446	176.000	208.000	0.000				
450	447	179.500	208.000	0.000				
451	448	183.000	208.000	0.000				
452	449	187.000	208.000	0.000				
453	450	191.000	208.000	0.000				
454	451	195.000	208.000	0.000				
455	452	199.000	208.000	0.000				
456	453	203.192	208.000	0.000				
457	454	204.690	208.000	0.000				
458	455	157.270	210.000	0.000				
459	456	160.203	210.000	0.000				
460	457	163.135	210.000	0.000				
461	458	166.068	210.000	0.000				
462	459	169.000	210.000	0.000				
463	460	172.500	210.000	0.000				
464	461	176.000	210.000	0.000				
465	462	179.500	210.000	0.000				
466	463	183.000	210.000	0.000				
467	464	187.000	210.000	0.000				
468	465	191.000	210.000	0.000				
469	466	195.000	210.000	0.000				
470	467	199.000	210.000	0.000				
471	468	203.192	210.000	0.000				
472	469	157.396	212.500	0.000				
473	470	160.297	212.500	0.000				
474	471	163.198	212.500	0.000				
475	472	166.099	212.500	0.000				
476	473	169.000	212.500	0.000				
477	474	172.500	212.500	0.000				
478	475	176.000	212.500	0.000				
479	476	179.500	212.500	0.000				
480	477	183.000	212.500	0.000				
481	478	187.000	212.500	0.000				
482	479	191.000	212.500	0.000				
483	480	195.000	212.500	0.000				
484	481	199.000	212.500	0.000				
485	482	201.320	212.500	0.000				
486	483	157.552	215.625	0.000				
	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678
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ID				
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	12345678901234567890	12345678901234567890	12345678901234567890	12345678901234567890	12345678901234567890	12345678901234567890	12345678901234567890	12345678901234567890
487	484	160.414	215.625	0.000				
488	485	163.276	215.625	0.000				
489	486	166.138	215.625	0.000				
490	487	169.000	215.625	0.000				
491	488	172.500	215.625	0.000				
492	489	176.000	215.625	0.000				
493	490	179.500	215.625	0.000				
494	491	183.000	215.625	0.000				
495	492	187.000	215.625	0.000				
496	493	191.000	215.625	0.000				
497	494	196.443	215.625	0.000				
498	495	198.882	215.625	0.000				
499	496	157.709	218.750	0.000				
500	497	160.532	218.750	0.000				
501	498	163.355	218.750	0.000				
502	499	166.177	218.750	0.000				
503	500	169.000	218.750	0.000				
504	501	172.500	218.750	0.000				
505	502	176.000	218.750	0.000				
506	503	179.500	218.750	0.000				
507	504	183.000	218.750	0.000				
508	505	187.000	218.750	0.000				
509	506	191.000	218.750	0.000				
510	507	196.443	218.750	0.000				
511	508	157.866	221.875	0.000				
512	509	160.649	221.875	0.000				
513	510	163.433	221.875	0.000				
514	511	166.217	221.875	0.000				
515	512	169.000	221.875	0.000				
516	513	172.500	221.875	0.000				
517	514	176.000	221.875	0.000				
518	515	179.500	221.875	0.000				
519	516	183.000	221.875	0.000				
520	517	187.000	221.875	0.000				
521	518	191.000	221.875	0.000				
522	519	194.005	221.875	0.000				
523	520	157.932	223.193	0.000				
524	521	160.699	223.193	0.000				
525	522	163.466	223.193	0.000				
526	523	166.605	223.193	0.000				
527	524	158.023	225.000	0.000				
528	525	160.767	225.000	0.000				
529	526	163.511	225.000	0.000				
530	527	166.605	225.000	0.000				
531	528	169.000	225.000	0.000				
532	529	171.395	225.000	0.000				
533	530	176.000	225.000	0.000				
534	531	179.500	225.000	0.000				
535	532	183.000	225.000	0.000				
536	533	185.450	225.000	0.000				
537	534	187.900	225.000	0.000				
538	535	191.567	225.000	0.000				
539	536	158.114	226.807	0.000				
540	537	160.835	226.807	0.000				

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541	538	163.556	226.807	0.000
542	539	166.603	226.807	0.000
543	540	169.000	226.807	0.000
544	541	171.395	226.807	0.000
545	542	176.000	226.807	0.000
546	543	179.500	226.807	0.000
547	544	183.000	226.807	0.000
548	545	184.884	226.807	0.000
549	546	187.900	226.807	0.000
550	547	190.157	226.807	0.000
551	548	158.183	228.193	0.000
552	549	160.887	228.193	0.000
553	550	163.591	228.193	0.000
554	551	166.603	228.193	0.000
555	552	179.500	229.700	0.000
556	553	183.000	229.700	0.000
557	554	185.450	229.700	0.000
558	555	187.900	229.700	0.000
559	556	158.273	230.000	0.000
560	557	160.955	230.000	0.000
561	558	163.637	230.000	0.000
562	559	166.604	230.000	0.000
563	560	168.998	230.000	0.000
564	561	171.394	230.000	0.000
565	562	176.000	230.000	0.000
566	563	171.392	231.807	0.000
567	564	176.000	231.807	0.000
568	565	179.500	231.807	0.000
569	566	183.000	231.807	0.000
570	567	186.284	231.807	0.000
571	568	158.434	233.193	0.000
572	569	161.075	233.193	0.000
573	570	163.716	233.193	0.000
574	571	166.605	233.193	0.000
575	572	168.999	233.193	0.000
576	573	171.394	233.193	0.000
577	574	176.000	233.193	0.000
578	575	179.500	233.193	0.000
579	576	183.000	233.193	0.000
580	577	185.221	233.193	0.000
581	578	158.524	235.000	0.000
582	579	161.143	235.000	0.000
583	580	163.762	235.000	0.000
584	581	166.605	235.000	0.000
585	582	169.000	235.000	0.000
586	583	171.395	235.000	0.000
587	584	176.000	235.000	0.000
588	585	179.500	235.000	0.000
589	586	183.835	235.000	0.000
590	587	171.395	236.807	0.000
591	588	176.000	236.807	0.000
592	589	179.500	236.807	0.000
593	590	182.448	236.807	0.000
594	591	158.684	238.193	0.000
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ID	1	2	3	4	5	6	7	8
	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678
595	592	161.263	238.193	0.000				
596	593	163.841	238.193	0.000				
597	594	166.605	238.193	0.000				
598	595	169.000	238.193	0.000				
599	596	171.395	238.193	0.000				
600	597	176.000	238.193	0.000				
601	598	179.500	238.193	0.000				
602	599	181.386	238.193	0.000				
603	600	169.000	240.000	0.000				
604	601	171.395	240.000	0.000				
605	602	176.000	240.000	0.000				
606	603	179.999	240.000	0.000				
607	604	158.800	240.500	0.000				
608	605	161.349	240.500	0.000				
609	606	163.899	240.500	0.000				
610	607	166.605	240.500	0.000				
611	608	171.395	241.807	0.000				
612	609	175.990	241.807	0.000				
613	610	178.613	241.807	0.000				
614	611	158.929	243.193	0.000				
615	612	161.447	243.193	0.000				
616	613	163.965	243.193	0.000				
617	614	166.605	243.193	0.000				
618	615	169.000	243.193	0.000				
619	616	171.395	243.193	0.000				
620	617	175.983	243.193	0.000				
621	618	177.550	243.193	0.000				
622	619	169.000	245.000	0.000				
623	620	159.041	245.500	0.000				
624	621	161.530	245.500	0.000				
625	622	164.020	245.500	0.000				
626	623	166.510	245.500	0.000				
627	624	169.000	245.500	0.000				
628	625	169.662	245.500	0.000				
629	626	171.395	245.500	0.000				
630	627	175.781	245.500	0.000				
631	628	170.226	246.807	0.000				
632	629	171.395	246.807	0.000				
633	630	158.460	247.000	0.000				
634	631	161.530	247.000	0.000				
635	632	164.020	247.000	0.000				
636	633	166.510	247.000	0.000				
637	634	174.630	247.000	0.000				
638	635	157.484	249.500	0.000				
639	636	161.531	249.500	0.000				
640	637	164.021	249.500	0.000				
641	638	166.511	249.500	0.000				
642	639	170.406	249.500	0.000				
643	640	172.750	249.500	0.000				
644	641	171.880	250.660	0.000				
645	642	156.900	251.000	0.000				
646	643	161.531	251.000	0.000				
647	644	164.021	251.000	0.000				
648	645	166.511	251.000	0.000				

1	2	3	4	5	6	7	8
12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678

ID	1	2	3	4	5	6	7	8
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
649	646	170.407	251.000	0.000				
650	647	156.900	254.125	0.000				
651	648	161.531	254.125	0.000				
652	649	164.021	254.125	0.000				
653	650	166.511	254.125	0.000				
654	651	169.763	254.125	0.000				
655	652	156.900	257.250	0.000				
656	653	161.531	257.250	0.000				
657	654	164.021	257.250	0.000				
658	655	166.511	257.250	0.000				
659	656	168.533	257.250	0.000				
660	657	156.900	260.375	0.000				
661	658	161.531	260.375	0.000				
662	659	164.021	260.375	0.000				
663	660	166.511	260.375	0.000				
664	661	167.829	260.375	0.000				
665	662	156.900	263.500	0.000				
666	663	161.531	263.500	0.000				
667	664	164.021	263.500	0.000				
668	665	166.511	263.500	0.000				
669	666	167.600	263.500	0.000				
670	667	156.900	266.500	0.000				
671	668	161.531	266.500	0.000				
672	669	164.021	266.500	0.000				
673	670	166.511	266.500	0.000				
674	671	167.600	266.500	0.000				
675	1250	169.000	188.500	0.000				
676	1290	169.000	190.438	0.000				
677	1322	169.000	192.375	0.000				
678	1354	169.000	194.312	0.000				
679	1386	169.000	196.250	0.000				
680	1413	169.000	200.125	0.000				
681	1429	169.000	204.000	0.000				
682	1444	169.000	208.000	0.000				
683	1459	169.000	210.000	0.000				
684	1473	169.000	212.500	0.000				
685	1487	169.000	215.625	0.000				
686	1500	169.000	218.750	0.000				
687	1512	169.000	221.875	0.000				
688	1528	169.000	225.000	0.000				
689	1540	169.000	226.807	0.000				
690	1560	168.998	230.000	0.000				
691	1572	168.999	233.193	0.000				
692	1582	169.000	235.000	0.000				
693	1595	169.000	238.193	0.000				
694	1600	169.000	240.000	0.000				
695	1615	169.000	243.193	0.000				
696	1619	169.000	245.000	0.000				
697	1624	169.000	245.500	0.000				
698	1628	170.226	246.807	0.000				
699	1640	172.750	249.500	0.000				
700	1258	183.000	188.500	0.000				
701	1298	183.000	190.438	0.000				
702	1330	183.000	192.375	0.000				
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
	1	2	3	4	5	6	7	8

ID	1	2	3	4	5	6	7	8
	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678
703	1362		183.000	194.312	0.000			
704	1394		183.000	196.250	0.000			
705	1417		183.000	200.125	0.000			
706	1433		183.000	204.000	0.000			
707	1448		183.000	208.000	0.000			
708	1463		183.000	210.000	0.000			
709	1477		183.000	212.500	0.000			
710	1491		183.000	215.625	0.000			
711	1504		183.000	218.750	0.000			
712	1516		183.000	221.875	0.000			
713	1532		183.000	225.000	0.000			
714	1545		184.884	226.807	0.000			
715	1555		187.900	229.700	0.000			
716	1266		199.000	188.500	0.000			
717	1306		199.000	190.438	0.000			
718	1338		199.000	192.375	0.000			
719	1370		199.000	194.312	0.000			
720	1402		199.000	196.250	0.000			
721	1421		199.000	200.125	0.000			
722	1437		199.000	204.000	0.000			
723	1452		199.000	208.000	0.000			
724	1467		199.000	210.000	0.000			
725	1482		201.320	212.500	0.000			
726	END							
727	PLANE	要素番号	物性番号	要素を構成する節点番号				
728		1	60	1	2	17	16	
729		2	60	2	3	18	17	
730		3	60	3	4	19	18	
731		4	60	4	5	20	19	
732		5	60	5	6	21	20	
733		6	60	6	7	22	21	
734		7	60	7	8	23	22	
735		8	60	8	9	24	23	
736		9	60	9	10	25	24	
737		10	60	10	11	26	25	
738		11	60	11	12	27	26	
739		12	60	12	13	28	27	
740		13	60	13	14	29	28	
741		14	60	14	15	30	29	
742		15	60	16	17	32	31	
743		16	60	17	18	33	32	
744		17	60	18	19	34	33	
745		18	60	19	20	35	34	
746		19	60	20	21	36	35	
747		20	60	21	22	37	36	
748		21	60	22	23	38	37	
749		22	60	23	24	39	38	
750		23	60	24	25	40	39	
751		24	60	25	26	41	40	
752		25	60	26	27	42	41	
753		26	60	27	28	43	42	
754		27	60	28	29	44	43	
755		28	60	29	30	45	44	
756		29	60	31	32	47	46	
	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678
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ID	1	2	3	4	5	6	7	8
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757	30	60	32	33	48	47		
758	31	60	33	34	49	48		
759	32	60	34	35	50	49		
760	33	60	35	36	51	50		
761	34	60	36	37	52	51		
762	35	60	37	38	54	53		
763	36	60	37	53	52	0		
764	37	60	54	38	55	0		
765	38	60	38	39	57	56		
766	39	60	38	56	55	0		
767	40	60	57	39	58	0		
768	41	60	39	59	58	0		
769	42	60	39	40	60	59		
770	43	60	60	40	61	0		
771	44	60	40	41	62	61		
772	45	60	41	42	63	62		
773	46	60	42	43	64	63		
774	47	60	43	44	65	64		
775	48	60	44	45	66	65		
776	49	60	46	47	68	67		
777	50	60	47	48	69	68		
778	51	60	48	49	70	69		
779	52	60	49	50	71	70		
780	53	60	50	51	72	71		
781	54	60	51	52	73	72		
782	55	60	52	53	74	73		
783	56	60	53	54	75	74		
784	57	60	54	55	76	75		
785	58	60	55	56	77	76		
786	59	60	56	57	78	77		
787	60	60	57	58	79	78		
788	61	60	58	59	80	79		
789	62	60	59	60	81	80		
790	63	60	60	61	82	81		
791	64	60	61	62	83	82		
792	65	60	62	63	84	83		
793	66	60	63	64	85	84		
794	67	60	64	65	86	85		
795	68	60	65	66	87	86		
796	69	60	67	68	89	88		
797	70	60	68	69	90	89		
798	71	60	69	70	91	90		
799	72	60	70	71	92	91		
800	73	60	71	72	93	92		
801	74	60	93	72	94	0		
802	75	60	72	95	94	0		
803	76	60	72	73	96	95		
804	77	60	73	74	97	96		
805	78	60	97	74	98	0		
806	79	60	74	99	98	0		
807	80	60	74	75	100	99		
808	81	60	75	76	101	100		
809	82	60	101	76	102	0		
810	83	60	76	103	102	0		
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ID	1	2	3	4	5	6	7	8
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
811	84	60	76	77	104	103		
812	85	60	77	78	105	104		
813	86	60	105	78	106	0		
814	87	60	78	107	106	0		
815	88	60	78	79	108	107		
816	89	60	79	80	109	108		
817	90	60	109	80	110	0		
818	91	60	80	111	110	0		
819	92	60	80	81	112	111		
820	93	60	81	82	113	112		
821	94	60	113	82	114	0		
822	95	60	82	115	114	0		
823	96	60	82	83	116	115		
824	97	60	83	84	117	116		
825	98	60	84	85	118	117		
826	99	60	85	86	119	118		
827	100	60	86	87	120	119		
828	101	60	88	89	122	121		
829	102	60	89	90	123	122		
830	103	60	90	91	124	123		
831	104	60	91	92	125	124		
832	105	60	92	93	126	125		
833	106	60	93	94	127	126		
834	107	60	94	95	128	127		
835	108	60	95	96	129	128		
836	109	60	96	97	130	129		
837	110	60	97	98	131	130		
838	111	60	98	99	132	131		
839	112	60	99	100	133	132		
840	113	60	100	101	134	133		
841	114	60	101	102	135	134		
842	115	60	102	103	136	135		
843	116	60	103	104	137	136		
844	117	60	104	105	138	137		
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1285	558	27 554	555	567	567			
1286	559	28 556	557	569	568			
1287	560	28 557	558	570	569			
1288	561	28 558	559	571	570			
1289	562	28 559	560	572	571			
1290	563	29 1560	561	563	563			
1291	564	30 1560	563	573	1572			
1292	565	31 561	562	564	563			
1293	566	32 563	564	574	573			
1294	567	32 564	565	575	574			
1295	568	32 565	566	576	575			
1296	569	32 566	567	577	576			
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1297	570	33 568	569	579	578			
1298	571	33 569	570	580	579			
1299	572	33 570	571	581	580			
1300	573	33 571	582	581	581			
1301	574	33 571	572	582	582			
1302	575	33 1572	573	583	1582			
1303	576	33 573	574	584	583			
1304	577	33 574	575	585	584			
1305	578	33 575	576	586	585			
1306	579	33 576	577	586	586			
1307	580	34 578	579	592	591			
1308	581	34 579	580	593	592			
1309	582	34 580	581	594	593			
1310	583	34 581	582	595	594			
1311	584	35 1582	587	596	1595			
1312	585	36 1582	583	587	587			
1313	586	36 583	584	588	587			
1314	587	36 584	585	589	588			
1315	588	36 585	586	590	589			
1316	589	37 587	588	597	596			
1317	590	37 588	589	598	597			
1318	591	37 589	590	599	598			
1319	592	38 591	592	605	604			
1320	593	38 592	593	606	605			
1321	594	38 593	594	607	606			
1322	595	39 594	600	607	607			
1323	596	40 594	595	600	600			
1324	597	40 1595	596	601	1600			
1325	598	40 596	597	602	601			
1326	599	40 597	598	603	602			
1327	600	40 598	599	603	603			
1328	601	41 607	600	615	614			
1329	602	42 1600	601	608	608			
1330	603	43 1600	608	616	1615			
1331	604	44 601	602	609	608			
1332	605	44 602	603	610	609			
1333	606	45 604	605	612	611			
1334	607	45 605	606	613	612			
1335	608	45 606	607	614	613			
1336	609	46 608	609	617	616			
1337	610	46 609	610	618	617			
1338	611	47 611	612	621	620			
1339	612	47 612	613	622	621			
1340	613	47 613	614	623	622			
1341	614	48 614	619	624	623			
1342	615	49 614	615	619	619			
1343	616	49 1615	616	1619	1619			
1344	617	50 1619	616	626	625			
1345	618	50 616	617	627	626			
1346	619	50 617	618	627	627			
1347	620	51 1619	625	1624	1624			
1348	621	52 620	621	631	630			
1349	622	52 621	622	632	631			
1350	623	52 622	623	633	632			

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1351	624	52	623	624	628	633		
1352	625	52	1624	625	629	1628		
1353	626	52	625	626	629	629		
1354	627	52	626	627	634	629		
1355	628	53	633	628	639	638		
1356	629	53	628	640	639	639		
1357	630	53	1628	629	1640	1640		
1358	631	53	629	634	1640	1640		
1359	632	53	630	631	636	635		
1360	633	53	631	632	637	636		
1361	634	53	632	633	638	637		
1362	635	54	635	636	643	642		
1363	636	54	636	637	644	643		
1364	637	54	637	638	645	644		
1365	638	54	638	639	646	645		
1366	639	54	639	640	641	646		
1367	640	55	646	641	651	651		
1368	641	55	642	643	648	647		
1369	642	55	643	644	649	648		
1370	643	55	644	645	650	649		
1371	644	55	645	646	651	650		
1372	645	56	647	648	653	652		
1373	646	56	648	649	654	653		
1374	647	56	649	650	655	654		
1375	648	56	650	651	656	655		
1376	649	57	652	653	658	657		
1377	650	57	653	654	659	658		
1378	651	57	654	655	660	659		
1379	652	57	655	656	661	660		
1380	653	58	657	658	663	662		
1381	654	58	658	659	664	663		
1382	655	58	659	660	665	664		
1383	656	58	660	661	666	665		
1384	657	59	662	663	668	667		
1385	658	59	663	664	669	668		
1386	659	59	664	665	670	669		
1387	660	59	665	666	671	670		
1388	END							
1389	MPLANE1	物性番号	弾性係数	ポアソン比	換算単重			
1390		1	5.0E5	0.27	0.11034			
1391		2	5.0E5	0.27	0.11034			
1392		3	5.0E5	0.27	0.11034			
1393		4	5.0E5	0.27	0.11034			
1394		5	5.0E5	0.27	0.11034			
1395		6	5.0E5	0.27	0.11034			
1396		7	5.0E5	0.27	0.11034			
1397		8	5.0E5	0.27	0.11448			
1398		9	5.0E5	0.27	0.12413			
1399		10	5.0E5	0.27	0.13590			
1400		11	5.0E5	0.27	0.14915			
1401		12	5.0E5	0.27	0.16259			
1402		13	5.0E5	0.27	0.17202			
1403		14	5.0E5	0.27	0.17394			
1404		15	5.0E5	0.27	0.17586			
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1405              16        5.0E5     0.27                                0.17865
1406              17        5.0E5     0.27                                0.17993
1407              18        5.0E5     0.27                                0.18632
1408              19        5.0E5     0.27                                0.19310
1409              20        5.0E5     0.27                                0.19501
1410              21        5.0E5     0.27                                0.19693
1411              22        5.0E5     0.27                                0.19661
1412              23        5.0E5     0.27                                0.19589
1413              24        5.0E5     0.27                                0.19987
1414              25        5.0E5     0.27                                0.20115
1415              26        5.0E5     0.27                                0.20722
1416              27        5.0E5     0.27                                0.20641
1417              28        5.0E5     0.27                                0.21048
1418              29        5.0E5     0.27                                0.20626
1419              30        5.0E5     0.27                                0.21240
1420              31        5.0E5     0.27                                0.20754
1421              32        5.0E5     0.27                                0.21432
1422              33        5.0E5     0.27                                0.22096
1423              34        5.0E5     0.27                                0.23170
1424              35        5.0E5     0.27                                0.23362
1425              36        5.0E5     0.27                                0.22844
1426              37        5.0E5     0.27                                0.23554
1427              38        5.0E5     0.27                                0.24337
1428              39        5.0E5     0.27                                0.24430
1429              40        5.0E5     0.27                                0.24180
1430              41        5.0E5     0.27                                0.25345
1431              42        5.0E5     0.27                                0.24870
1432              43        5.0E5     0.27                                0.25484
1433              44        5.0E5     0.27                                0.24998
1434              45        5.0E5     0.27                                0.25398
1435              46        5.0E5     0.27                                0.25676
1436              47        5.0E5     0.27                                0.26459
1437              48        5.0E5     0.27                                0.26651
1438              49        5.0E5     0.27                                0.26225
1439              50        5.0E5     0.27                                0.26469
1440              51        5.0E5     0.27                                0.26878
1441              52        5.0E5     0.27                                0.27236
1442              53        5.0E5     0.27                                0.29857
1443              54        5.0E5     0.27                                0.33988
1444              55        5.0E5     0.27                                0.38351
1445              56        5.0E5     0.27                                0.44791
1446              57        5.0E5     0.27                                0.50980
1447              58        5.0E5     0.27                                0.57169
1448              59        5.0E5     0.27                                0.63234
1449              60        1.0E6     0.3
1450      END
1451      JOINT   ジョイント要素
1452              1250  101 1250 1290  290  250        1.0
1453              1290  101 1290 1322  322  290        1.0
1454              1322  101 1322 1354  354  322        1.0
1455              1354  101 1354 1386  386  354        1.0
1456              1386  101 1386 1413  413  386        1.0
1457              1413  101 1413 1429  429  413        1.0
1458              1429  101 1429 1444  444  429        1.0

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ID                1         2         3         4         5         6         7         8
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1459              1444  101 1444 1459  459  444          1.0
1460              1459  101 1459 1473  473  459          1.0
1461              1473  101 1473 1487  487  473          1.0
1462              1487  101 1487 1500  500  487          1.0
1463              1500  101 1500 1512  512  500          1.0
1464              1512  101 1512 1528  528  512          1.0
1465              1528  101 1528 1540  540  528          1.0
1466              1540  101 1540 1560  560  540          1.0
1467              1560  101 1560 1572  572  560          1.0
1468              1572  101 1572 1582  582  572          1.0
1469              1582  101 1582 1595  595  582          1.0
1470              1595  101 1595 1600  600  595          1.0
1471              1600  101 1600 1615  615  600          1.0
1472              1615  101 1615 1619  619  615          1.0
1473              1619  101 1619 1624  624  619          1.0
1474              1624  101 1624 1628  628  624          1.0
1475              1628  101 1628 1640  640  628          1.0
1476      *
1477
1478              1258  101 1258 1298  298  258          1.0
1479              1298  101 1298 1330  330  298          1.0
1480              1330  101 1330 1362  362  330          1.0
1481              1362  101 1362 1394  394  362          1.0
1482              1394  101 1394 1417  417  394          1.0
1483              1417  101 1417 1433  433  417          1.0
1484              1433  101 1433 1448  448  433          1.0
1485              1448  101 1448 1463  463  448          1.0
1486              1463  101 1463 1477  477  463          1.0
1487              1477  101 1477 1491  491  477          1.0
1488              1491  101 1491 1504  504  491          1.0
1489              1504  101 1504 1516  516  504          1.0
1490              1516  101 1516 1532  532  516          1.0
1491              1532  101 1532 1545  545  532          1.0
1492              1545  101 1545 1555  555  545          1.0
1492      *
1493
1494              1266  101 1266 1306  306  266          1.0
1495              1306  101 1306 1338  338  306          1.0
1496              1338  101 1338 1370  370  338          1.0
1497              1370  101 1370 1402  402  370          1.0
1498              1402  101 1402 1421  421  402          1.0
1499              1421  101 1421 1437  437  421          1.0
1500              1437  101 1437 1452  452  437          1.0
1501              1452  101 1452 1467  467  452          1.0
1502              1467  101 1467 1482  482  467          1.0
1503      END
          MJOINT  ジョイント要素の物性
1504              101    0   5.0E07      0.0
1505
1506      END
1507      BEAM    はり要素（ロックボルト）
1508              2001  200  523  528          0.0       1.0       0.0
1509              2002  200 1528  541          0.0       1.0       0.0
1510              2003  200  551  560          0.0       1.0       0.0
1511              2004  200 1560  563          0.0       1.0       0.0
1512              2005  200  571  582          0.0       1.0       0.0
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ID                1         2         3         4         5         6         7         8
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1513             2006  200 1582  587                   0.0       1.0       0.0
1514             2007  200  594  600                   0.0       1.0       0.0
1515             2008  200 1600  608                   0.0       1.0       0.0
1516             2009  200  614  619                   0.0       1.0       0.0
1517             2010  200 1619  629                   0.0       1.0       0.0
1518     END
1519     MBEAM   はり要素物性
1520              201          2.15E7       0.3       7.85
1521     END
1522     SECTION
1523              200  2017.853981-3 4.9087E-6
1524     END
1525     TYING
1526              528    1 1528    1       1.0
1527              528    2 1528    2       1.0
1528              528    6 1528    6       1.0
1529              560    1 1560    1       1.0
1530              560    2 1560    2       1.0
1531              560    6 1560    6       1.0
1532              582    1 1582    1       1.0
1533              582    2 1582    2       1.0
1534              582    6 1582    6       1.0
1535              600    1 1600    1       1.0
1536              600    2 1600    2       1.0
1537              600    6 1600    6       1.0
1538              619    1 1619    1       1.0
1539              619    2 1619    2       1.0
1540              619    6 1619    6       1.0
1541     END
1542     BOUNDARY  境界条件
1543                1   15    1    1
1544               16         1
1545               30         1
1546               31         1
1547               45         1
1548               46         1
1549               66         1
1550               67         1
1551               87         1
1552               88         1
1553              120         1
1554              121         1
1555              153         1
1556              232         1
1557              281         1
1558     END
1559     SURFACE   載荷面の定義
1560                1       667  662  657  652  647  642  635  630  620  611  604  591
1561                        578  568  556  548  536  524  520  508  496  483  469  455
1562                        440  425  409  378  346  314  282  242  241  240  239  238
1563                        237  236  235  234  233  232
1564                2       281  280  279  278  277  276  275  274  273  313  345  377
1565                        408  424  439
1566     END

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