ANNEX 17

Cracking verification in SLS2 combination,
minimum Fz considering K=∞

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1	-117.1	-332.8	-1171.9	28.3	55.8	-1133.2	0.0331	0.0462	0.0055	13.78	9.87	83.63	0.00	-0.57	-2.42	0.0
2	126.7	333.8	-456.7	-6.8	-12.9	-277.0	0.0331	0.0462	0.0055	12.73	9.11	77.23	0.00	-0.29	-0.97	0.0
3	133.8	368.8	-435.4	-10.1	-13.6	224.1	0.0331	0.0462	0.0055	12.92	9.25	78.41	0.00	-0.29	-0.92	0.0
4	-86.2	-202.5	-1074.8	-32.5	53.8	1013.9	0.0331	0.0462	0.0055	14.05	10.06	85.28	0.00	-0.55	-2.21	0.0
5	-103.2	-319.1	-1133.7	-20.7	63.4	-1070.6	0.0331	0.0462	0.0055	12.82	9.18	77.81	0.00	-0.53	-2.30	0.0
6	123.9	309.3	-454.0	-19.9	-24.5	-256.0	0.0331	0.0462	0.0055	11.72	8.39	71.09	0.00	-0.26	-0.92	0.0
7	130.4	343.2	-432.9	-7.4	-26.5	205.0	0.0331	0.0462	0.0055	11.93	8.54	72.37	0.00	-0.26	-0.88	0.0
8	-74.1	-191.6	-1036.7	-15.7	57.9	953.2	0.0331	0.0462	0.0055	12.97	9.29	78.69	0.00	-0.50	-2.09	0.0
9	-119.6	-304.9	-1123.7	-41.3	35.5	-982.7	0.0331	0.0462	0.0055	10.77	7.71	65.34	0.00	-0.48	-2.14	0.0
10	76.5	266.1	-493.3	-31.4	-88.6	-230.7	0.0331	0.0462	0.0055	10.00	7.16	60.66	0.00	-0.24	-0.90	0.0
11	82.1	297.4	-472.3	-7.4	-91.8	183.0	0.0331	0.0462	0.0055	10.32	7.39	62.64	0.00	-0.25	-0.87	0.0
12	-93.2	-184.7	-1026.5	18.6	26.3	869.4	0.0331	0.0462	0.0055	10.95	7.84	66.41	0.00	-0.46	-1.93	0.0
13	-229.8	-305.1	-1223.3	-52.8	-165.5	-834.8	0.0331	0.0462	0.0055	5.81	4.16	35.24	0.00	-0.41	-1.93	0.0
14	-94.2	171.5	-682.2	-42.3	-308.7	-191.9	0.0331	0.0462	0.0055	6.51	4.66	39.48	0.00	-0.18	-1.07	0.0
15	-88.3	198.2	-659.7	-9.4	-311.2	145.7	0.0331	0.0462	0.0055	7.20	5.16	43.68	0.00	-0.21	-1.05	0.0
16	-204.1	-199.0	-1122.7	17.6	-175.6	728.2	0.0331	0.0462	0.0055	6.45	4.62	39.11	0.00	-0.41	-1.76	0.0
17	-575.0	-390.1	-1738.6	-68.8	-723.9	-603.0	0.0331	0.0462	0.0055				-0.03	-0.41	-2.26	
18	-532.1	-72.9	-1365.7	-62.0	-972.3	-155.4	0.0331	0.0462	0.0055	3.49	2.50	21.18	0.00	-0.18	-2.14	0.0
19	-521.7	-50.8	-1333.2	-12.2	-965.6	95.2	0.0331	0.0462	0.0055	4.26	3.05	25.83	0.00	-0.21	-2.12	0.0
20	-539.7	-303.9	-1615.5	11.6	-714.8	498.7	0.0331	0.0462	0.0055	0.61	0.44	3.71	0.00	-0.41	-2.11	0.0
21	-1360.5	-1173.1	-6019.0	-153.6	-2544.4	-466.0	0.0331	0.0462	0.0055				-0.24	-1.14	-7.18	
22	-1429.1	-1078.5	-5972.0	-126.2	-2871.3	-220.9	0.0331	0.0462	0.0055				-0.04	-1.07	-7.37	
23	-1405.4	-1047.6	-5855.0	-38.4	-2830.2	84.2	0.0331	0.0462	0.0055				-0.03	-1.05	-7.23	
24	-1290.6	-1075.4	-5664.0	53.6	-2439.5	310.2	0.0331	0.0462	0.0055				-0.19	-1.07	-6.77	
25	-1002.9	-1532.7	-8813.7	127.6	1002.4	-181.7	0.0331	0.0462	0.0055				-0.86	-1.54	-8.95	
26	-941.0	-1520.8	-8715.6	42.8	933.2	-197.4	0.0331	0.0462	0.0055				-0.83	-1.52	-8.83	
27	-920.2	-1484.5	-8517.1	-90.2	915.9	-208.9	0.0331	0.0462	0.0055				-0.79	-1.50	-8.63	
28	-938.4	-1425.9	-8220.7	-169.0	948.2	-222.3	0.0331	0.0462	0.0055				-0.76	-1.48	-8.35	
29	-3511.9	-1476.0	-5581.7	-354.8	3311.4	423.4	0.0331	0.0462	0.0057				-1.07	-1.43	-8.06	
30	-3442.8	-1502.6	-5857.4	-286.8	2982.5	-101.2	0.0331	0.0462	0.0057				-1.17	-1.76	-7.87	
31	-3359.1	-1462.7	-5736.9	-231.3	2884.7	-156.1	0.0331	0.0462	0.0057				-1.17	-1.72	-7.67	
32	-3260.1	-1355.9	-5218.5	-171.7	3016.4	-488.7	0.0331	0.0462	0.0057				-0.76	-1.65	-7.43	
33	-1937.2	-881.5	-2821.9	-259.3	939.8	116.6	0.0331	0.0462	0.0057				-0.81	-1.39	-3.44	
34	-1949.9	-872.1	-2875.1	-222.5	1301.9	-67.1	0.0331	0.0462	0.0057				-0.72	-1.19	-3.80	
35	-1917.5	-851.7	-2851.6	-206.3	1267.6	35.5	0.0331	0.0462	0.0057				-0.76	-1.12	-3.74	
36	-1839.6	-819.7	-2750.2	-170.5	835.8	-143.4	0.0331	0.0462	0.0057				-0.74	-1.42	-3.25	
37	-1194.4	-684.7	-2130.1	-164.0	931.3	-436.6	0.0331	0.0462	0.0057				-0.27	-1.00	-2.75	
38	-1053.3	-510.5	-1311.8	-177.0	1145.0	-21.4	0.0331	0.0462	0.0057	0.33	0.24	1.95	0.00	-0.56	-2.35	0.0
39	-1044.5	-495.8	-1302.5	-191.3	1130.2	17.2	0.0331	0.0462	0.0057				0.00	-0.52	-2.32	
40	-1167.6	-640.3	-2101.8	-200.9	886.5	434.5	0.0331	0.0462	0.0057				-0.51	-0.65	-2.74	
41	-532.7	-402.0	-869.6	-136.9	753.3	-332.2	0.0331	0.0462	0.0057	6.99	5.01	40.91	0.00	-0.77	-1.73	0.0
42	-359.7	-257.5	-386.6	-150.5	384.9	-29.7	0.0331	0.0462	0.0057	1.96	1.40	11.47	0.00	-0.36	-0.84	0.0
43	-361.9	-246.9	-382.6	-162.4	378.2	39.8	0.0331	0.0462	0.0057	1.10	0.79	6.46	0.00	-0.28	-0.82	0.0
44	-539.0	-370.1	-857.1	-171.0	732.8	343.2	0.0331	0.0462	0.0057	2.15	1.54	12.60	0.00	-0.34	-1.64	0.0
45	-53.1	-237.6	-245.0	-132.9	219.7	-30.8	0.0331	0.0462	0.0140	4.08	2.92	9.68	0.00	-0.40	-0.54	0.0
46	-43.5	-185.7	-205.0	-133.5	163.6	-23.9	0.0331	0.0462	0.0140	3.40	2.43	8.06	0.00	-0.33	-0.44	0.0
47	-50.3	-178.4	-202.8	-127.0	160.6	41.9	0.0331	0.0462	0.0140	2.48	1.78	5.89	0.00	-0.23	-0.45	0.0
48	-73.2	-215.8	-238.3	-122.7	210.6	49.2	0.0331	0.0462	0.0140	2.72	1.94	6.44	0.00	-0.27	-0.53	0.0
49	118.3	-186.5	-122.8	-95.5	35.5	-3.2	0.0331	0.0462	0.0140	4.54	3.25	10.76	0.00	-0.28	-0.36	0.0
50	107.2	-161.5	-110.5	-105.4	25.6	7.9	0.0331	0.0462	0.0140	4.40	3.15	10.42	0.00	-0.26	-0.35	0.0
51	99.1	-157.0	-109.1	-105.1	24.6	18.2	0.0331	0.0462	0.0140	4.17	2.98	9.88	0.00	-0.24	-0.34	0.0
52	94.4	-173.1	-118.5	-111.0	32.7	26.5	0.0331	0.0462	0.0140	4.12	2.95	9.76	0.00	-0.24	-0.36	0.0
53	155.7	-167.5	-72.1	-64.6	-69.6	10.5	0.0331	0.0462	0.0140	5.66	4.05	13.41	0.00	-0.28	-0.37	0.0
54	145.1	-156.8	-67.9	-77.1	-70.0	13.3	0.0331	0.0462	0.0140	5.55	3.98	13.16	0.00	-0.27	-0.36	0.0
55	137.6	-154.6	-66.8	-84.8	-69.6	18.3	0.0331	0.0462	0.0140	5.48	3.92	12.98	0.00	-0.27	-0.36	0.0
56	133.4	-161.1	-68.8	-94.4	-68.4	24.6	0.0331	0.0462	0.0140	5.50	3.94	13.04	0.00	-0.27	-0.37	0.0
57	124.4	-162.9	-29.4	-38.5	-100.8	17.6	0.0331	0.0462	0.0140	5.42	3.88	12.85	0.00	-0.26	-0.35	0.0
58	117.8	-158.9	-27.7	-50.8	-98.2	19.5	0.0331	0.0462	0.0140	5.32	3.81	12.61	0.00	-0.25	-0.34	0.0
59	112.0	-158.9	-26.9	-61.1	-96.7	22.4	0.0331	0.0462	0.0140	5.26	3.77	12.47	0.00	-0.25	-0.35	0.0
60	107.1	-162.6	-27.0	-72.1	-96.2	26.9	0.0331	0.0462	0.0140	5.28	3.78	12.51	0.00	-0.25	-0.36	0.0
61	52.5	-156.2	58.9	-12.8	-93.6	41.8	0.0331	0.0462	0.0140	4.66	3.34	11.05	0.00	-0.19	-0.32	0.0
62	49.5	-156.8	58.4	-23.1	-89.3	36.6	0.0331	0.0462	0.0140	4.51	3.23	10.69	0.00	-0.18	-0.31	0.0
63	46.3	-158.8	58.6	-33.4	-86.6	31.7	0.0331	0.0462	0.0140	4.42	3.16	10.47	0.00	-0.18	-0.31	0.0
64	43.0	-162.0	59.4	-44.9	-85.6	27.5	0.0331	0.0462	0.0140	4.40	3.15	10.42	0.00	-0.18	-0.32	0.0
65	-753.5	-1435.8	-3043.7	97.4	188.8	-1605.0	0.0247	0.0357	0.0055							
66	-620.4	-1505.8	-1837.1	38.1	122.4	-599.4	0.0247	0.0357	0.0055							
67	-609.3	-1467.3	-1772.0	-40.6	121.6	396.9	0.0247	0.0357	0.0055							
68	-716.1	-1337.4	-2810.5	-100.4	186.7	1351.6	0.0247	0.0357	0.0055							
69	-752.9	-1384.9	-2973.5	141.2	110.1	-1505.7	0.0247	0.0357	0.0055							
70	-640.6	-1440.2	-1827.7	54.8	-56.3	-556.7	0.0247	0.0357	0.0055							
71	-629.4	-1401.8	-1762.4	-62.2	-58.3	355.5	0.0247	0.0357	0.0055							
72	-716.0	-1285.8	-2739.3	-149.2	105.1	1253.0	0.0247	0.0357	0.0055							
73	-807.1	-1329.5	-3011.4	206.4	-128.1	-1364.5	0.0247	0.0357	0.0055							
74	-730.8	-1361.8	-1956.4	77.3	-265.6	-500.6	0.0247	0.0357	0.0055							
75	-718.9	-1324.3	-1890.1	-91.0	-268.0	301.3	0.0247	0.0357	0.0055							
76	-769.3	-1231.3	-2773.6	-218.9	-135.1	1113.9	0.0247	0.0357	0.0055							
77	-891.4	-1270.3	-3305.9	291.6	-425.3	-1156.3	0.0247	0.0357	0.0055							
78	-847.2	-1281.4	-2405.7	103.2	-638.1	-434.0	0.0247	0.0357	0.0055							
79	-833.3	-1246.3	-2334.9	-126.5	-638.4	233.2	0.0247	0.0357	0.0055							
80	-849.5	-1176.7	-3056.4	-309.0	-429.5	908.4	0.0247	0.0357	0.0055							
81	-858.9	-1234.8	-4285.1	370.1	-851.3	-864.4	0.0247	0.0357	0.0055							
82	-807.3	-1244.3	-3648.1	123.4	-1134.0	-352.3	0.0247	0.0357	0.0055							
83	-792.3	-1213.2	-3560.0	-158.2	-1128.9	140.8	0.0247	0.0357	0.0055							
84	-814.2	-1149.8	-3992.3	-392.8	-844.6	617.7	0.0247	0.0357	0.0055							
85	-163.3	-1029.4	-5215.7	412.3	-392.2	-489.6	0.0247	0.0357	0.0055							
86	-31.2	-1054.4	-4851.5	145.7	-634.6	-247.7	0.0247	0.0357	0.0055							
87	-27.8	-1031.4	-4743.5	-176.8	-639.3	-43.7	0.0247	0.0357	0.0055							
88	-149.4	-965.5	-4877.1	-428.7	-415.2	256.2	0.0247	0.0357	0.0055							
89	7.3	-850.5	-5390.6	264.7	575.9	-190.7	0.0247	0.0357	0.0055							
90	107.5	-895.5	-5261.5	109.9	400.6	-155.3	0.0247	0.0357	0.0055							
91	104.8	-880.5	-5153.0	-138.3	373.5	-122.5	0.0247	0.0357	0.0055							
92	2.3	-808.9	-5061.2	-284.7	489.8	-89.5	0.0247	0.0357	0.0055							
93	-162.2	-699.4	-4772.9	170.8	1361.3	-67.1	0.0247	0.0357	0.0057							
94	-46.5	-722.9	-4667.3	91.3	1350.5	-84.6	0.0247	0.0357	0.0057							
95	-46.2	-715.1	-4579.6	-79.3	1306.4	-140.1	0.0247	0.0357	0.0057							
96	-160.3	-678.4	-4509.2	-155.1	1228.2	-151.2	0.0247	0.0357	0.0057							
97	-915.4	-610.1	-3510.3	-100.0	1760.5	-63.0	0.0247	0.0357	0.0057							
98	-815.9	-633.3	-3319.2	-73.0	1781.0	-64.9	0.0247	0.0357	0.0057							
99	-791.8	-627.1	-3264.6	70.9	1732.9	-75.0	0.0247	0.0357	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
100	-843.1	-592.5	-3345.8	96.5	1615.9	-69.3	0.0247	0.0357	0.0057							
101	-857.2	-410.3	-2179.1	-98.1	1451.4	-70.1	0.0247	0.0357	0.0057							
102	-908.3	-504.1	-2003.6	-73.4	1425.4	-84.9	0.0247	0.0357	0.0057							
103	-886.9	-501.3	-1977.5	52.0	1394.0	49.7	0.0247	0.0357	0.0057							
104	-793.0	-402.5	-2100.5	74.7	1357.1	40.5	0.0247	0.0357	0.0057							
105	-824.6	-282.2	-1306.6	67.8	1100.5	-46.2	0.0089	0.0357	0.0140							
106	-849.7	-371.3	-1159.3	42.8	1046.7	-52.8	0.0089	0.0357	0.0140							
107	-834.8	-370.1	-1145.5	-78.4	1027.8	55.2	0.0089	0.0357	0.0140							
108	-780.0	-279.0	-1264.9	-104.9	1043.6	51.9	0.0089	0.0357	0.0140							
109	-679.2	-194.0	-723.6	49.3	711.3	-14.8	0.0089	0.0357	0.0140							
110	-628.1	-230.6	-642.6	-38.5	641.6	-4.2	0.0089	0.0357	0.0140							
111	-619.1	-230.4	-634.4	-71.6	630.7	32.0	0.0089	0.0357	0.0140							
112	-652.1	-193.5	-699.0	-92.6	678.8	44.4	0.0089	0.0357	0.0140							
113	-445.2	-132.3	-404.1	-28.0	379.0	30.1	0.0089	0.0357	0.0140							
114	-416.6	-148.7	-379.6	-37.5	351.4	22.6	0.0089	0.0357	0.0140							
115	-411.8	-149.2	-374.1	-56.7	345.9	29.0	0.0089	0.0357	0.0140							
116	-430.7	-133.6	-387.6	-65.5	362.3	31.3	0.0089	0.0357	0.0140							
117	-250.9	-92.1	-231.1	-23.2	164.9	42.2	0.0089	0.0357	0.0140							
118	-237.3	-100.2	-219.9	-31.5	154.4	34.8	0.0089	0.0357	0.0140							
119	-235.3	-101.2	-215.9	-43.2	152.4	34.2	0.0089	0.0357	0.0140							
120	-244.8	-95.1	-218.9	-50.9	159.1	35.9	0.0089	0.0357	0.0140							
121	-105.9	-60.3	-80.1	-13.9	32.3	53.8	0.0089	0.0357	0.0140							
122	-100.3	-65.1	-74.6	-22.1	29.5	47.1	0.0089	0.0357	0.0140							
123	-100.2	-66.5	-71.6	-31.9	30.3	44.3	0.0089	0.0357	0.0140							
124	-105.5	-64.5	-71.3	-40.0	34.5	44.5	0.0089	0.0357	0.0140							
125	-10.2	-28.4	138.5	-10.1	-66.8	70.9	0.0091	0.0461	0.0244	20.62	4.05	7.65	0.00	-0.21	-0.25	0.0
126	-10.0	-31.9	139.4	-15.8	-63.7	64.0	0.0090	0.0462	0.0244	20.44	3.96	7.49	0.00	-0.21	-0.24	0.0
127	-11.3	-33.3	140.7	-21.9	-60.7	59.0	0.0090	0.0462	0.0244	20.16	3.91	7.38	0.00	-0.21	-0.23	0.0
128	-14.0	-32.8	142.1	-27.9	-57.9	55.8	0.0091	0.0461	0.0244	19.78	3.89	7.33	0.00	-0.21	-0.23	0.0
129	-660.6	-1065.8	-3955.8	57.9	288.6	-787.8	0.0247	0.0179	0.0055							
130	-643.4	-1368.5	-3194.0	27.4	253.0	-431.3	0.0247	0.0179	0.0055							
131	-637.2	-1357.7	-3107.7	-26.8	252.2	157.9	0.0247	0.0179	0.0055							
132	-642.3	-1043.7	-3690.3	-57.5	286.4	510.7	0.0247	0.0179	0.0055							
133	-631.7	-1029.9	-3879.5	109.0	197.7	-725.8	0.0247	0.0179	0.0055							
134	-620.3	-1310.6	-3155.0	48.4	137.6	-399.9	0.0247	0.0179	0.0055							
135	-614.4	-1299.8	-3068.1	-45.4	135.5	127.9	0.0247	0.0179	0.0055							
136	-614.8	-1007.7	-3612.0	-105.9	191.7	449.8	0.0247	0.0179	0.0055							
137	-581.9	-984.7	-3935.3	167.0	103.6	-631.3	0.0247	0.0179	0.0055							
138	-578.4	-1233.9	-3271.7	71.7	-101.4	-355.5	0.0247	0.0179	0.0055							
139	-573.1	-1223.6	-3183.3	-65.5	-104.9	86.4	0.0247	0.0179	0.0055							
140	-567.5	-963.3	-3663.1	-159.7	92.8	358.5	0.0247	0.0179	0.0055							
141	-461.4	-925.5	-4174.2	225.6	-79.7	-502.4	0.0247	0.0179	0.0055							
142	-454.3	-1137.0	-3606.5	96.0	-196.8	-297.7	0.0247	0.0179	0.0055							
143	-450.6	-1127.8	-3514.8	-84.6	-202.4	33.7	0.0247	0.0179	0.0055							
144	-451.6	-906.9	-3893.5	-211.6	-97.7	236.7	0.0247	0.0179	0.0055							
145	-196.7	-829.0	-4485.8	266.7	221.7	-350.4	0.0247	0.0179	0.0055							
146	-167.4	-996.5	-4035.2	116.8	97.8	-231.1	0.0247	0.0179	0.0055							
147	-167.4	-989.8	-3941.3	-96.0	86.3	-29.1	0.0247	0.0179	0.0055							
148	-197.2	-816.4	-4200.1	-242.3	185.9	98.9	0.0247	0.0179	0.0055							
149	22.0	-711.5	-4624.2	263.3	459.7	-216.7	0.0247	0.0179	0.0055							
150	55.8	-838.3	-4307.4	122.2	354.2	-165.2	0.0247	0.0179	0.0055							
151	54.5	-834.7	-4216.6	-88.7	333.9	-78.7	0.0247	0.0179	0.0055							
152	17.8	-705.7	-4349.3	-226.9	397.6	-30.3	0.0247	0.0179	0.0055							
153	57.7	-579.7	-4425.3	242.8	777.1	-111.3	0.0247	0.0179	0.0055							
154	121.0	-668.0	-4214.9	121.1	708.5	-109.3	0.0247	0.0179	0.0055							
155	121.7	-667.6	-4133.9	-71.5	680.1	-101.0	0.0247	0.0179	0.0055							
156	60.5	-581.4	-4181.6	-191.3	691.0	-97.5	0.0247	0.0179	0.0055							
157	-156.9	-464.3	-3868.3	164.7	1030.3	-46.2	0.0247	0.0179	0.0057							
158	-101.4	-529.7	-3724.7	96.5	993.5	-74.8	0.0247	0.0179	0.0057							
159	-95.2	-531.4	-3658.6	-44.4	960.9	-86.0	0.0247	0.0179	0.0057							
160	-137.8	-470.9	-3670.4	-113.1	932.2	-112.0	0.0247	0.0179	0.0057							
161	-292.7	-331.9	-3039.2	122.4	1272.1	18.1	0.0247	0.0179	0.0057							
162	-270.8	-390.5	-2951.1	79.7	1232.3	-42.6	0.0247	0.0179	0.0057							
163	-262.1	-393.8	-2901.8	34.2	1200.2	-62.4	0.0247	0.0179	0.0057							
164	-266.8	-342.7	-2891.8	-72.0	1176.1	-106.1	0.0247	0.0179	0.0057							
165	-514.5	-245.9	-2242.0	77.9	1307.7	51.4	0.0247	0.0179	0.0057							
166	-481.6	-284.8	-2183.0	61.7	1275.2	-7.7	0.0247	0.0179	0.0057							
167	-468.6	-288.3	-2149.1	40.3	1247.0	-44.7	0.0247	0.0179	0.0057							
168	-475.9	-256.8	-2140.5	-38.7	1223.6	-91.7	0.0247	0.0179	0.0057							
169	-557.0	-170.2	-1557.7	37.6	1128.1	61.5	0.0089	0.0179	0.0140							
170	-537.6	-196.1	-1513.1	43.1	1108.2	17.4	0.0089	0.0179	0.0140							
171	-525.0	-199.5	-1491.2	38.5	1087.3	-23.1	0.0089	0.0179	0.0140							
172	-519.4	-180.6	-1491.7	40.6	1065.7	-62.8	0.0089	0.0179	0.0140							
173	-512.4	-111.8	-1057.1	27.8	889.8	64.7	0.0089	0.0179	0.0140							
174	-506.7	-132.5	-1018.3	31.9	872.0	28.7	0.0089	0.0179	0.0140							
175	-496.5	-135.6	-1003.5	27.9	857.8	6.1	0.0089	0.0179	0.0140							
176	-482.0	-121.1	-1012.5	29.4	847.5	-35.9	0.0089	0.0179	0.0140							
177	-412.6	-65.9	-697.1	21.0	647.6	68.3	0.0089	0.0179	0.0140							
178	-401.2	-78.9	-668.0	21.6	629.5	39.3	0.0089	0.0179	0.0140							
179	-394.0	-81.5	-657.3	18.2	620.7	20.5	0.0089	0.0179	0.0140							
180	-391.0	-73.7	-664.9	-17.7	621.1	-15.8	0.0089	0.0179	0.0140							
181	-279.0	-28.7	-430.6	13.4	433.6	71.6	0.0089	0.0179	0.0140							
182	-270.6	-37.2	-412.3	-12.8	422.3	47.4	0.0089	0.0179	0.0140							
183	-266.2	-39.2	-404.1	-16.0	417.4	31.8	0.0089	0.0179	0.0140							
184	-266.0	-34.9	-405.9	-17.7	419.1	21.1	0.0089	0.0179	0.0140							
185	-147.8	2.2	-200.4	-10.9	253.8	72.1	0.0089	0.0179	0.0140							
186	-143.4	-2.7	-187.9	-12.3	247.8	54.4	0.0089	0.0179	0.0140							
187	-141.6	-4.2	-181.4	-15.3	246.2	43.5	0.0089	0.0179	0.0140							
188	-142.3	-2.1	-180.9	-17.3	248.8	38.2	0.0089	0.0179	0.0140							
189	-35.6	30.2	45.5	-13.2	78.6	67.6	0.0091	0.0282	0.0244	13.72	4.40	5.08	0.00	-0.11	-0.23	0.0
190	-35.3	27.5	54.6	-14.0	76.7	60.4	0.0089	0.0283	0.0244	13.69	4.32	5.01	0.00	-0.10	-0.22	0.0
191	-35.9	26.9	59.6	-15.3	77.9	57.9	0.0089	0.0283	0.0244	13.87	4.38	5.08	0.00	-0.10	-0.22	0.0
192	-37.1	28.4	60.4	-16.5	82.0	59.4	0.0091	0.0282	0.0244	14.13	4.53	5.24	0.00	-0.10	-0.23	0.0
193	-309.1	-732.2	-4144.8	25.8	337.7	-293.2	0.0247	0.0179	0.0055							
194	-316.7	-856.3	-3793.8	15.1	323.3	-247.6	0.0247	0.0179	0.0055							
195	-316.4	-858.3	-3711.5	-11.5	322.1	-107.6	0.0247	0.0179	0.0055							
196	-308.5	-738.9	-3898.6	-22.1	334.1	-55.4	0.0247	0.0179	0.0055							
197	-281.8	-705.2	-4037.8	63.9	324.5	-261.2	0.0247	0.0179	0.0055							
198	-288.0	-820.6	-3702.7	32.3	294.2	-229.9	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
199	-288.1	-822.8	-3620.2	-19.6	290.7	-108.9	0.0247	0.0179	0.0055							
200	-282.5	-712.5	-3791.1	-51.0	313.9	-71.5	0.0247	0.0179	0.0055							
201	-215.3	-666.0	-4006.5	100.0	341.5	-211.2	0.0247	0.0179	0.0055							
202	-218.9	-768.2	-3698.7	49.3	297.9	-204.6	0.0247	0.0179	0.0055							
203	-219.8	-770.8	-3616.1	-26.7	291.5	-114.6	0.0247	0.0179	0.0055							
204	-218.3	-674.4	-3759.7	-76.7	322.0	-102.1	0.0247	0.0179	0.0055							
205	-115.3	-611.4	-4010.0	130.2	432.8	-150.2	0.0247	0.0179	0.0055							
206	-113.0	-697.2	-3740.3	65.0	384.7	-173.1	0.0247	0.0179	0.0055							
207	-114.9	-700.6	-3658.5	-30.9	374.2	-122.4	0.0247	0.0179	0.0055							
208	-121.1	-622.0	-3766.1	-95.4	401.1	-139.4	0.0247	0.0179	0.0055							
209	-35.3	-546.2	-4007.8	148.5	625.9	-87.5	0.0247	0.0179	0.0055							
210	-24.9	-618.2	-3780.6	76.1	575.4	-134.7	0.0247	0.0179	0.0055							
211	-26.9	-622.5	-3701.8	-29.8	560.0	-131.7	0.0247	0.0179	0.0055							
212	-41.4	-559.5	-3773.0	-101.7	579.7	-173.0	0.0247	0.0179	0.0055							
213	13.8	-531.2	-4353.6	153.9	1057.9	49.8	0.0247	0.0179	0.0055							
214	41.2	-585.9	-4103.3	83.1	978.8	-98.8	0.0247	0.0179	0.0055							
215	40.2	-591.1	-4030.3	-25.2	958.5	-132.3	0.0247	0.0179	0.0055							
216	10.8	-547.3	-4136.2	-96.2	997.4	-240.6	0.0247	0.0179	0.0055							
217	52.5	-447.4	-4198.2	153.8	546.2	47.9	0.0247	0.0179	0.0055							
218	76.2	-495.3	-3977.6	86.4	572.2	-77.7	0.0247	0.0179	0.0055							
219	77.5	-501.1	-3913.2	-21.2	548.3	-113.6	0.0247	0.0179	0.0055							
220	56.3	-465.4	-4006.2	-89.8	474.7	-202.8	0.0247	0.0179	0.0055							
221	-52.6	-279.6	-3188.6	124.1	947.5	28.8	0.0247	0.0179	0.0057							
222	-23.3	-325.2	-3098.0	78.9	930.7	-49.0	0.0247	0.0179	0.0057							
223	-19.5	-331.5	-3044.3	26.6	905.0	-99.2	0.0247	0.0179	0.0057							
224	-41.2	-298.6	-3028.3	-57.7	870.9	-143.2	0.0247	0.0179	0.0057							
225	-161.8	-208.3	-2640.6	86.3	1135.8	52.7	0.0247	0.0179	0.0057							
226	-135.5	-237.7	-2580.2	66.2	1111.1	-27.5	0.0247	0.0179	0.0057							
227	-128.7	-243.7	-2537.4	36.7	1086.2	-77.7	0.0247	0.0179	0.0057							
228	-141.4	-226.4	-2513.1	-24.3	1061.7	-125.8	0.0247	0.0179	0.0057							
229	-236.7	-149.6	-2109.8	59.0	1170.6	73.5	0.0247	0.0179	0.0057							
230	-221.3	-169.6	-2061.7	52.6	1149.6	17.2	0.0247	0.0179	0.0057							
231	-213.1	-175.1	-2029.0	40.7	1127.5	-57.5	0.0247	0.0179	0.0057							
232	-212.5	-166.0	-2012.1	32.4	1105.0	-108.0	0.0247	0.0179	0.0057							
233	-297.4	-103.8	-1624.4	40.8	1101.5	87.1	0.0089	0.0179	0.0140							
234	-285.4	-118.6	-1585.2	40.3	1082.7	33.2	0.0089	0.0179	0.0140							
235	-276.7	-123.3	-1560.5	38.4	1064.5	-38.1	0.0089	0.0179	0.0140							
236	-271.7	-117.8	-1550.5	36.3	1047.4	-87.8	0.0089	0.0179	0.0140							
237	-305.3	-66.2	-1207.2	25.4	958.6	92.9	0.0089	0.0179	0.0140							
238	-295.4	-77.1	-1175.4	29.2	944.1	44.6	0.0089	0.0179	0.0140							
239	-287.6	-80.9	-1156.7	32.3	930.2	-19.8	0.0089	0.0179	0.0140							
240	-282.0	-77.4	-1151.1	35.3	917.3	-65.5	0.0089	0.0179	0.0140							
241	-270.6	-36.3	-868.2	15.4	785.4	92.4	0.0089	0.0179	0.0140							
242	-264.7	-44.5	-841.3	19.9	774.2	51.2	0.0089	0.0179	0.0140							
243	-258.5	-47.3	-826.6	23.6	764.3	16.9	0.0089	0.0179	0.0140							
244	-252.1	-44.6	-824.0	28.3	755.9	-42.5	0.0089	0.0179	0.0140							
245	-209.5	-11.9	-592.6	-11.4	601.8	87.5	0.0089	0.0179	0.0140							
246	-204.9	-17.4	-569.4	11.2	592.8	54.1	0.0089	0.0179	0.0140							
247	-200.7	-19.3	-557.2	14.4	586.4	28.0	0.0089	0.0179	0.0140							
248	-196.9	-17.5	-556.0	18.8	582.6	-20.2	0.0089	0.0179	0.0140							
249	-134.3	8.5	-363.9	-12.6	408.6	77.7	0.0089	0.0179	0.0140							
250	-131.7	5.5	-343.6	-8.5	402.3	53.4	0.0089	0.0179	0.0140							
251	-129.5	4.5	-333.0	-6.4	398.8	37.2	0.0089	0.0179	0.0140							
252	-127.8	5.7	-332.0	8.6	398.2	28.9	0.0089	0.0179	0.0140							
253	-49.2	26.1	-176.6	-12.9	194.3	61.2	0.0091	0.0282	0.0244	11.17	3.58	4.14	0.00	-0.08	-0.43	0.0
254	-48.7	24.5	-157.6	-10.9	189.9	50.2	0.0089	0.0283	0.0244	11.28	3.56	4.13	0.00	-0.08	-0.41	0.0
255	-48.5	24.5	-147.8	-10.3	189.1	47.3	0.0089	0.0283	0.0244	11.53	3.64	4.22	0.00	-0.08	-0.40	0.0
256	-48.6	26.1	-147.2	-10.9	191.7	52.2	0.0091	0.0282	0.0244	11.85	3.80	4.39	0.00	-0.08	-0.41	0.0
257	38.9	-340.4	-3949.6	8.7	334.9	-67.9	0.0247	0.0179	0.0055							
258	15.8	-407.2	-3851.4	8.1	330.1	-155.0	0.0247	0.0179	0.0055							
259	12.9	-413.2	-3779.2	7.5	328.6	-191.6	0.0247	0.0179	0.0055							
260	30.1	-358.6	-3733.5	9.1	330.5	-270.8	0.0247	0.0179	0.0055							
261	46.4	-323.5	-3812.6	31.5	403.9	-51.9	0.0247	0.0179	0.0055							
262	26.3	-388.0	-3721.3	20.0	389.7	-144.4	0.0247	0.0179	0.0055							
263	23.3	-394.1	-3649.6	7.8	385.3	-187.3	0.0247	0.0179	0.0055							
264	37.3	-342.0	-3598.1	-14.7	390.6	-272.0	0.0247	0.0179	0.0055							
265	79.8	-297.4	-3695.9	49.3	490.0	59.6	0.0247	0.0179	0.0055							
266	64.6	-358.0	-3616.5	30.6	470.0	-129.1	0.0247	0.0179	0.0055							
267	61.5	-364.4	-3546.0	10.5	462.3	-183.1	0.0247	0.0179	0.0055							
268	70.5	-316.6	-3485.2	-20.6	466.9	-277.8	0.0247	0.0179	0.0055							
269	123.9	-265.1	-3571.3	59.9	609.2	78.3	0.0247	0.0179	0.0055							
270	113.9	-319.8	-3504.8	39.3	589.6	-110.8	0.0247	0.0179	0.0055							
271	111.1	-326.5	-3436.8	15.5	578.5	-177.2	0.0247	0.0179	0.0055							
272	115.4	-285.1	-3367.9	-19.8	575.8	-281.0	0.0247	0.0179	0.0055							
273	162.5	-229.0	-3387.4	64.6	795.4	97.6	0.0247	0.0179	0.0055							
274	155.2	-273.2	-3335.8	45.4	773.1	-86.7	0.0247	0.0179	0.0055							
275	153.1	-280.1	-3271.6	22.3	758.5	-172.2	0.0247	0.0179	0.0055							
276	156.3	-249.8	-3195.7	-14.5	751.7	-278.7	0.0247	0.0179	0.0055							
277	140.7	-124.0	-2620.7	57.5	1119.1	155.8	0.0247	0.0179	0.0055							
278	137.0	-163.8	-2659.0	47.0	1069.3	-66.7	0.0247	0.0179	0.0055							
279	136.2	-170.9	-2600.2	31.3	1051.8	-159.0	0.0247	0.0179	0.0055							
280	138.6	-145.2	-2445.3	23.1	1066.8	-309.9	0.0247	0.0179	0.0055							
281	185.7	-113.9	-2508.6	47.9	533.6	118.4	0.0247	0.0179	0.0055							
282	175.4	-140.6	-2525.5	45.3	582.3	-59.5	0.0247	0.0179	0.0055							
283	176.5	-147.6	-2473.4	39.8	562.8	-129.9	0.0247	0.0179	0.0055							
284	188.9	-134.7	-2353.5	39.0	475.5	-241.4	0.0247	0.0179	0.0055							
285	123.6	-158.5	-2678.5	53.6	914.9	77.1	0.0247	0.0179	0.0057							
286	124.2	-174.1	-2627.8	46.7	910.8	-41.3	0.0247	0.0179	0.0057							
287	127.3	-180.7	-2583.2	40.3	890.7	-110.3	0.0247	0.0179	0.0057							
288	132.8	-178.1	-2545.7	34.8	855.1	-167.1	0.0247	0.0179	0.0057							
289	48.8	-131.0	-2348.0	48.2	1056.8	86.3	0.0247	0.0179	0.0057							
290	54.3	-146.2	-2301.0	43.8	1040.7	-27.8	0.0247	0.0179	0.0057							
291	59.0	-152.2	-2263.9	39.9	1021.2	-86.4	0.0247	0.0179	0.0057							
292	62.8	-148.6	-2237.4	36.7	998.9	-143.2	0.0247	0.0179	0.0057							
293	-29.7	-105.2	-1973.8	37.5	1095.6	98.8	0.0247	0.0179	0.0057							
294	-22.0	-117.9	-1933.5	37.6	1080.0	36.8	0.0247	0.0179	0.0057							
295	-16.0	-123.0	-1903.2	38.2	1062.3	-67.5	0.0247	0.0179	0.0057							
296	-12.3	-120.3	-1883.4	39.8	1043.0	-124.7	0.0247	0.0179	0.0057							
297	-87.2	-82.4	-1601.1	26.1	1061.7	106.0	0.0089	0.0179	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
298	-79.9	-92.2	-1565.7	30.0	1048.6	47.8	0.0089	0.0179	0.0140							
299	-73.7	-96.3	-1541.1	34.4	1033.4	-49.6	0.0089	0.0179	0.0140							
300	-68.7	-94.6	-1527.4	40.7	1016.5	-104.3	0.0089	0.0179	0.0140							
301	-123.3	-63.8	-1257.8	16.7	976.2	107.6	0.0089	0.0179	0.0140							
302	-117.2	-71.0	-1225.8	22.1	965.1	55.2	0.0089	0.0179	0.0140							
303	-111.2	-74.1	-1205.5	28.8	952.7	-32.3	0.0089	0.0179	0.0140							
304	-105.8	-72.9	-1196.8	37.8	939.1	-82.5	0.0089	0.0179	0.0140							
305	-136.8	-48.0	-957.2	-13.2	851.4	104.0	0.0089	0.0179	0.0140							
306	-131.7	-53.1	-927.4	14.4	842.4	58.5	0.0089	0.0179	0.0140							
307	-126.7	-55.2	-910.1	22.0	832.7	17.9	0.0089	0.0179	0.0140							
308	-122.0	-54.2	-905.2	32.3	822.6	-60.2	0.0089	0.0179	0.0140							
309	-130.6	-34.2	-708.7	-16.2	694.3	95.4	0.0089	0.0179	0.0140							
310	-127.3	-37.6	-680.1	7.4	687.1	57.8	0.0089	0.0179	0.0140							
311	-123.6	-38.7	-664.7	14.2	680.1	26.3	0.0089	0.0179	0.0140							
312	-119.7	-37.6	-662.4	24.4	673.3	-37.9	0.0089	0.0179	0.0140							
313	-102.8	-21.6	-520.2	-16.3	508.4	81.6	0.0089	0.0179	0.0140							
314	-101.0	-23.5	-492.2	-7.6	502.2	53.0	0.0089	0.0179	0.0140							
315	-98.8	-23.8	-477.7	5.7	497.6	32.6	0.0089	0.0179	0.0140							
316	-96.2	-22.3	-476.8	14.1	494.6	20.6	0.0089	0.0179	0.0140							
317	-57.2	-8.7	-406.2	-13.5	292.3	62.4	0.0090	0.0282	0.0244	12.37	3.96	4.58	0.00	-0.12	-0.69	0.0
318	-56.6	-10.1	-378.5	-8.8	286.5	44.8	0.0089	0.0283	0.0244	12.62	3.98	4.62	0.00	-0.12	-0.66	0.0
319	-56.0	-9.6	-364.3	-8.1	284.1	37.6	0.0089	0.0283	0.0244	12.77	4.03	4.68	0.00	-0.12	-0.65	0.0
320	-55.4	-7.2	-363.5	-11.2	284.9	41.0	0.0090	0.0282	0.0244	12.77	4.09	4.73	0.00	-0.12	-0.65	0.0
321	246.8	-144.6	-3600.0	-11.0	299.7	169.5	0.0247	0.0179	0.0055							
322	226.1	-165.3	-3605.7	-4.2	299.0	-99.7	0.0247	0.0179	0.0055							
323	222.3	-172.2	-3544.7	9.1	297.5	-227.3	0.0247	0.0179	0.0055							
324	235.2	-165.5	-3417.9	15.8	295.3	-362.1	0.0247	0.0179	0.0055							
325	240.4	-136.5	-3458.0	12.3	415.9	168.3	0.0247	0.0179	0.0055							
326	222.5	-156.9	-3466.1	11.6	410.4	-92.9	0.0247	0.0179	0.0055							
327	218.8	-163.9	-3405.9	13.0	406.0	-221.0	0.0247	0.0179	0.0055							
328	229.3	-157.4	-3278.2	16.6	402.9	-356.2	0.0247	0.0179	0.0055							
329	244.9	-123.8	-3307.8	19.1	531.8	171.3	0.0247	0.0179	0.0055							
330	231.5	-143.6	-3320.0	17.6	524.3	-83.3	0.0247	0.0179	0.0055							
331	228.2	-150.6	-3261.4	18.3	517.1	-212.8	0.0247	0.0179	0.0055							
332	234.9	-144.6	-3132.9	21.8	510.1	-349.5	0.0247	0.0179	0.0055							
333	252.1	-109.1	-3130.2	19.8	656.9	173.7	0.0247	0.0179	0.0055							
334	243.2	-127.5	-3145.2	21.7	651.2	-72.2	0.0247	0.0179	0.0055							
335	240.5	-134.4	-3089.2	25.0	641.2	-201.7	0.0247	0.0179	0.0055							
336	244.0	-129.8	-2963.1	32.2	627.1	-337.3	0.0247	0.0179	0.0055							
337	242.4	-92.6	-2861.9	15.4	788.5	171.2	0.0247	0.0179	0.0055							
338	235.7	-105.9	-2880.3	23.8	785.2	-60.8	0.0247	0.0179	0.0055							
339	234.0	-112.7	-2827.8	32.0	772.7	-187.0	0.0247	0.0179	0.0055							
340	237.2	-112.8	-2705.5	45.9	751.4	-315.8	0.0247	0.0179	0.0055							
341	155.7	-104.7	-2633.5	-10.2	786.2	151.5	0.0247	0.0179	0.0055							
342	157.2	-105.3	-2639.0	23.9	795.7	-49.9	0.0247	0.0179	0.0055							
343	156.7	-111.8	-2591.1	38.8	781.3	-168.7	0.0247	0.0179	0.0055							
344	154.4	-124.0	-2490.5	59.2	743.4	-273.5	0.0247	0.0179	0.0055							
345	161.1	-115.4	-2469.8	-16.2	807.8	126.7	0.0247	0.0179	0.0055							
346	160.7	-110.9	-2455.0	22.4	813.9	-44.4	0.0247	0.0179	0.0055							
347	161.7	-116.9	-2412.1	43.9	798.4	-142.9	0.0247	0.0179	0.0055							
348	164.0	-133.3	-2341.9	67.4	761.7	-223.4	0.0247	0.0179	0.0055							
349	234.2	-110.3	-2324.5	16.8	853.6	113.1	0.0247	0.0179	0.0057							
350	227.4	-112.4	-2294.2	25.9	854.6	-40.2	0.0247	0.0179	0.0057							
351	229.8	-117.8	-2256.7	40.4	838.7	-115.1	0.0247	0.0179	0.0057							
352	241.4	-126.2	-2212.6	55.2	806.5	-183.4	0.0247	0.0179	0.0057							
353	192.1	-111.4	-2130.8	21.3	961.9	112.8	0.0247	0.0179	0.0057							
354	192.5	-116.8	-2094.0	26.5	954.0	45.2	0.0247	0.0179	0.0057							
355	196.2	-121.4	-2061.7	36.4	938.6	-94.5	0.0247	0.0179	0.0057							
356	203.1	-125.1	-2034.3	47.3	916.1	-157.0	0.0247	0.0179	0.0057							
357	137.5	-104.8	-1853.9	18.3	1010.7	116.5	0.0089	0.0179	0.0140							
358	141.8	-110.7	-1818.7	23.7	1000.9	53.0	0.0089	0.0179	0.0140							
359	146.4	-114.4	-1791.1	32.7	986.6	-76.7	0.0089	0.0179	0.0140							
360	150.9	-115.9	-1771.3	44.3	968.2	-136.3	0.0089	0.0179	0.0140							
361	86.5	-97.2	-1559.3	12.3	1008.3	118.4	0.0089	0.0179	0.0140							
362	92.3	-102.3	-1526.1	18.8	998.9	59.4	0.0089	0.0179	0.0140							
363	97.3	-105.1	-1502.4	28.9	986.2	-60.0	0.0089	0.0179	0.0140							
364	101.2	-105.6	-1488.2	42.1	970.4	-116.1	0.0089	0.0179	0.0140							
365	44.4	-89.0	-1271.4	-16.8	964.6	116.4	0.0089	0.0179	0.0140							
366	50.5	-92.7	-1239.2	13.2	956.2	63.1	0.0089	0.0179	0.0140							
367	55.4	-94.6	-1218.5	24.3	945.2	-43.9	0.0089	0.0179	0.0140							
368	59.0	-94.6	-1209.1	39.1	931.9	-95.4	0.0089	0.0179	0.0140							
369	7.9	-79.5	-1005.3	-22.1	886.1	110.6	0.0089	0.0179	0.0140							
370	13.3	-81.8	-972.9	7.9	878.7	63.5	0.0089	0.0179	0.0140							
371	17.7	-82.8	-954.1	19.0	869.5	-28.5	0.0089	0.0179	0.0140							
372	21.0	-82.4	-948.9	34.8	858.7	-74.4	0.0089	0.0179	0.0140							
373	-28.2	-69.0	-776.5	-25.1	770.3	101.2	0.0089	0.0179	0.0140							
374	-24.2	-70.5	-742.6	-8.8	763.7	60.5	0.0089	0.0179	0.0140							
375	-20.7	-70.6	-724.8	13.1	756.3	24.8	0.0089	0.0179	0.0140							
376	-17.8	-69.5	-722.9	28.9	748.2	-54.2	0.0089	0.0179	0.0140							
377	-61.8	-59.7	-619.9	-24.1	598.2	89.4	0.0089	0.0179	0.0140							
378	-60.1	-61.1	-584.5	-10.1	592.3	54.2	0.0089	0.0179	0.0140							
379	-58.0	-60.5	-566.9	6.4	586.7	27.8	0.0089	0.0179	0.0140							
380	-55.3	-58.2	-567.1	20.3	581.7	-36.5	0.0089	0.0179	0.0140							
381	-37.6	-46.3	-564.4	-16.3	389.0	74.0	0.0090	0.0282	0.0244	18.89	6.05	6.99	0.00	-0.21	-0.95	0.0
382	-36.8	-48.1	-528.8	-9.0	382.4	44.8	0.0089	0.0283	0.0244	19.30	6.09	7.07	0.00	-0.22	-0.91	0.0
383	-35.8	-47.0	-510.9	-8.4	378.6	29.6	0.0089	0.0283	0.0244	19.43	6.14	7.12	0.00	-0.22	-0.90	0.0
384	-34.5	-43.2	-510.8	-14.5	377.7	28.6	0.0090	0.0282	0.0244	19.24	6.16	7.12	0.00	-0.22	-0.89	0.0
385	323.8	-127.7	-3259.6	-13.1	254.5	168.4	0.0247	0.0089	0.0055							
386	317.0	-115.1	-3253.8	-4.4	255.3	-91.1	0.0247	0.0089	0.0055							
387	313.5	-121.1	-3203.5	8.5	254.0	-216.5	0.0247	0.0089	0.0055							
388	313.2	-145.5	-3109.6	17.0	250.7	-324.6	0.0247	0.0089	0.0055							
389	315.5	-125.0	-3131.0	-9.2	384.2	164.2	0.0247	0.0089	0.0055							
390	310.3	-112.7	-3125.6	6.6	382.8	-86.4	0.0247	0.0089	0.0055							
391	306.9	-118.6	-3076.1	13.1	379.0	-209.9	0.0247	0.0089	0.0055							
392	305.6	-142.7	-2983.3	22.4	373.0	-316.3	0.0247	0.0089	0.0055							
393	307.6	-120.9	-2983.9	-8.1	502.5	161.6	0.0247	0.0089	0.0055							
394	304.8	-108.9	-2979.2	10.1	500.4	-80.0	0.0247	0.0089	0.0055							
395	302.0	-114.7	-2931.1	18.4	494.3	-201.0	0.0247	0.0089	0.0055							
396	299.1	-138.2	-2840.6	29.8	484.2	-305.4	0.0247	0.0089	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
397	294.8	-117.2	-2813.0	-10.0	606.9	157.9	0.0247	0.0089	0.0055							
398	294.4	-105.6	-2807.7	12.3	605.8	-72.8	0.0247	0.0089	0.0055							
399	292.3	-111.2	-2761.9	24.0	597.5	-189.1	0.0247	0.0089	0.0055							
400	288.3	-133.8	-2676.3	38.9	582.2	-289.5	0.0247	0.0089	0.0055							
401	269.6	-118.9	-2640.1	-13.8	676.4	150.1	0.0247	0.0089	0.0055							
402	271.5	-108.4	-2629.0	13.4	678.6	-66.2	0.0247	0.0089	0.0055							
403	270.3	-113.7	-2586.1	29.2	668.5	-173.5	0.0247	0.0089	0.0055							
404	265.9	-134.5	-2512.1	48.3	646.4	-266.1	0.0247	0.0089	0.0055							
405	271.8	-121.2	-2478.4	-16.1	732.3	138.9	0.0247	0.0089	0.0055							
406	271.7	-113.9	-2457.2	14.1	734.3	-60.8	0.0247	0.0089	0.0055							
407	271.6	-118.8	-2417.6	32.6	722.9	-154.3	0.0247	0.0089	0.0055							
408	271.3	-135.6	-2360.5	53.8	698.3	-236.7	0.0247	0.0089	0.0055							
409	278.9	-123.5	-2321.8	-12.6	787.5	131.3	0.0247	0.0089	0.0057							
410	278.8	-120.8	-2293.9	15.8	785.4	-54.0	0.0247	0.0089	0.0057							
411	279.8	-125.1	-2258.1	32.6	773.1	-135.0	0.0247	0.0089	0.0057							
412	281.8	-136.2	-2215.1	51.3	751.0	-209.1	0.0247	0.0089	0.0057							
413	277.5	-126.4	-2156.4	-12.5	841.3	128.5	0.0247	0.0089	0.0057							
414	280.1	-126.8	-2126.7	16.0	836.6	55.3	0.0247	0.0089	0.0057							
415	282.2	-130.5	-2094.7	31.4	824.1	-117.4	0.0247	0.0089	0.0057							
416	283.8	-137.2	-2061.0	49.7	804.1	-185.6	0.0247	0.0089	0.0057							
417	282.8	-127.2	-1970.8	-12.9	888.6	127.4	0.0247	0.0089	0.0057							
418	286.3	-129.2	-1940.2	15.1	882.7	59.9	0.0247	0.0089	0.0057							
419	289.4	-132.2	-1911.9	28.9	870.4	-100.8	0.0247	0.0089	0.0057							
420	292.0	-135.9	-1886.2	46.4	852.2	-164.2	0.0247	0.0089	0.0057							
421	268.8	-127.9	-1759.9	-15.6	925.5	127.1	0.0089	0.0089	0.0140							
422	274.0	-130.1	-1728.7	12.6	918.5	64.4	0.0089	0.0089	0.0140							
423	277.9	-132.3	-1703.6	26.0	906.9	-85.3	0.0089	0.0089	0.0140							
424	280.3	-134.3	-1684.8	43.2	891.0	-144.7	0.0089	0.0089	0.0140							
425	251.5	-124.7	-1528.0	-19.9	935.8	125.5	0.0089	0.0089	0.0140							
426	258.0	-126.0	-1496.8	9.1	928.6	67.6	0.0202	0.0089	0.0140							
427	262.4	-127.4	-1474.5	22.8	918.0	-70.3	0.0202	0.0089	0.0140							
428	264.5	-128.7	-1460.9	40.3	904.2	-125.8	0.0089	0.0089	0.0140							
429	236.4	-115.8	-1291.4	-25.0	922.1	121.3	0.0202	0.0089	0.0140							
430	243.7	-116.1	-1259.8	-6.4	915.0	68.6	0.0202	0.0089	0.0140							
431	248.3	-116.6	-1239.4	19.5	905.4	-55.7	0.0202	0.0089	0.0140							
432	250.1	-117.5	-1230.2	37.2	893.6	-106.6	0.0202	0.0089	0.0140							
433	220.7	-101.9	-1058.2	-30.1	890.7	114.2	0.0202	0.0089	0.0140							
434	228.3	-101.2	-1025.2	-11.7	883.5	66.9	0.0202	0.0089	0.0140							
435	232.8	-100.9	-1006.0	16.2	875.0	-41.1	0.0202	0.0089	0.0140							
436	234.2	-101.1	-1000.5	33.9	865.2	-87.2	0.0202	0.0089	0.0140							
437	190.5	-85.3	-831.1	-34.3	846.3	105.1	0.0202	0.0089	0.0140							
438	198.0	-84.1	-795.3	-16.2	838.8	62.2	0.0202	0.0089	0.0140							
439	202.1	-83.0	-776.3	12.7	831.1	-26.3	0.0202	0.0089	0.0140							
440	202.9	-82.2	-774.2	30.4	823.3	-68.5	0.0202	0.0089	0.0140							
441	112.9	-70.1	-615.6	-36.0	778.0	97.1	0.0202	0.0089	0.0140							
442	118.8	-69.0	-574.1	-18.0	769.8	55.1	0.0202	0.0089	0.0140							
443	122.2	-67.3	-554.1	8.5	762.7	19.9	0.0202	0.0089	0.0140							
444	122.9	-65.0	-555.6	26.5	757.0	-53.9	0.0202	0.0089	0.0140							
445	-78.5	-81.2	-577.8	-28.3	513.6	98.4	0.0090	0.0193	0.0244	27.16	12.71	10.04	0.00	-0.32	-1.16	0.0
446	-78.4	-82.6	-532.8	-12.9	507.0	49.0	0.0089	0.0194	0.0244	28.02	12.92	10.26	0.00	-0.33	-1.11	0.0
447	-77.5	-81.0	-511.5	-11.9	501.9	21.2	0.0089	0.0194	0.0244	28.20	13.01	10.33	0.00	-0.33	-1.09	0.0
448	-75.6	-76.2	-514.2	-25.1	498.4	-54.6	0.0090	0.0193	0.0244	28.48	13.32	10.53	0.00	-0.34	-1.10	0.0
449	338.9	-131.3	-2948.7	-12.7	214.0	159.0	0.0247	0.0089	0.0038							
450	337.8	-125.7	-2925.3	-4.0	215.3	-97.2	0.0247	0.0089	0.0038							
451	335.0	-130.0	-2884.3	7.1	214.2	-196.7	0.0247	0.0089	0.0038							
452	330.7	-143.8	-2826.5	15.7	211.0	-287.4	0.0247	0.0089	0.0038							
453	337.2	-131.3	-2841.7	-12.3	338.4	154.0	0.0247	0.0089	0.0038							
454	336.7	-125.8	-2817.9	3.8	338.4	-93.7	0.0247	0.0089	0.0038							
455	334.2	-130.0	-2777.5	11.2	335.4	-190.7	0.0247	0.0089	0.0038							
456	329.6	-143.6	-2721.3	22.1	329.4	-279.1	0.0247	0.0089	0.0038							
457	332.7	-131.6	-2717.4	-12.8	447.3	149.8	0.0247	0.0089	0.0038							
458	333.3	-126.4	-2693.3	6.1	446.6	-88.9	0.0247	0.0089	0.0038							
459	331.2	-130.4	-2654.1	15.5	441.7	-182.7	0.0247	0.0089	0.0038							
460	326.4	-143.4	-2600.5	28.9	432.7	-268.3	0.0247	0.0089	0.0038							
461	326.9	-133.4	-2582.8	-14.1	537.6	145.7	0.0247	0.0089	0.0038							
462	328.5	-128.6	-2557.6	7.8	536.6	-83.1	0.0247	0.0089	0.0038							
463	327.0	-132.4	-2520.1	19.6	530.0	-172.5	0.0247	0.0089	0.0038							
464	322.5	-144.3	-2471.0	35.4	517.9	-254.4	0.0247	0.0089	0.0038							
465	327.7	-136.0	-2443.4	-15.4	612.6	141.6	0.0247	0.0089	0.0038							
466	329.5	-132.4	-2416.8	9.1	610.7	-76.8	0.0247	0.0089	0.0038							
467	328.8	-135.8	-2381.5	22.7	602.7	-160.5	0.0247	0.0089	0.0038							
468	325.5	-145.9	-2338.1	40.4	588.8	-237.9	0.0247	0.0089	0.0038							
469	331.8	-139.7	-2302.0	-16.2	674.9	138.7	0.0247	0.0089	0.0038							
470	334.3	-137.7	-2274.9	9.9	671.8	-69.6	0.0247	0.0089	0.0038							
471	334.4	-140.7	-2242.1	24.4	662.8	-147.3	0.0247	0.0089	0.0038							
472	332.2	-148.3	-2204.1	43.1	648.1	-220.7	0.0247	0.0089	0.0038							
473	341.7	-144.5	-2159.6	-17.7	726.7	136.4	0.0247	0.0089	0.0057							
474	345.1	-143.6	-2132.1	9.9	722.9	62.6	0.0247	0.0089	0.0057							
475	346.2	-146.1	-2102.0	24.7	713.3	-133.8	0.0247	0.0089	0.0057							
476	344.9	-151.6	-2069.6	44.8	698.0	-202.8	0.0247	0.0089	0.0057							
477	356.2	-149.6	-2013.3	-18.7	771.3	134.6	0.0247	0.0089	0.0057							
478	360.4	-149.2	-1985.5	9.1	766.5	65.8	0.0247	0.0089	0.0057							
479	362.4	-151.1	-1958.1	23.8	756.6	-120.3	0.0247	0.0089	0.0057							
480	362.0	-155.1	-1931.3	44.0	741.9	-185.0	0.0247	0.0089	0.0057							
481	369.7	-153.9	-1858.6	-20.4	805.6	133.4	0.0247	0.0089	0.0057							
482	375.2	-153.5	-1830.7	7.1	800.1	69.1	0.0247	0.0089	0.0057							
483	378.0	-154.8	-1805.8	22.0	790.3	-107.1	0.0247	0.0089	0.0057							
484	378.0	-157.6	-1784.0	42.1	776.6	-168.0	0.0247	0.0089	0.0057							
485	388.3	-154.2	-1691.8	-22.5	825.7	131.7	0.0089	0.0089	0.0140							
486	394.6	-153.2	-1663.5	4.4	819.8	71.7	0.0089	0.0089	0.0140							
487	398.1	-153.9	-1640.8	19.5	810.5	-94.2	0.0089	0.0089	0.0140							
488	398.6	-156.1	-1623.8	39.2	797.8	-151.4	0.0089	0.0089	0.0140							
489	413.7	-147.4	-1513.6	-25.1	830.8	128.6	0.0202	0.0089	0.0140							
490	420.9	-145.5	-1484.3	-5.9	824.8	73.0	0.0202	0.0089	0.0140							
491	424.9	-145.5	-1463.4	17.1	816.0	-81.5	0.0202	0.0089	0.0140							
492	425.7	-147.4	-1450.9	35.5	804.7	-134.8	0.0202	0.0089	0.0140							
493	453.2	-131.8	-1329.2	-28.6	822.0	123.5	0.0202	0.0089	0.0140							
494	461.0	-129.2	-1298.5	-11.4	815.8	72.5	0.0202	0.0089	0.0140							
495	465.4	-128.5	-1278.9	15.4	807.7	-68.7	0.0202	0.0089	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
496	466.4	-129.8	-1270.4	31.9	797.9	-118.0	0.0202	0.0089	0.0140							
497	513.1	-107.7	-1142.6	-33.7	806.9	115.9	0.0202	0.0089	0.0140							
498	521.5	-104.1	-1110.3	-18.5	800.2	69.5	0.0202	0.0089	0.0140							
499	526.3	-102.7	-1091.5	14.9	792.7	-55.5	0.0202	0.0089	0.0140							
500	527.4	-103.5	-1086.0	29.6	784.8	-100.6	0.0202	0.0089	0.0140							
501	597.6	-74.2	-946.6	-41.2	803.1	105.8	0.0202	0.0089	0.0140							
502	607.4	-69.3	-912.5	-27.2	794.2	63.3	0.0202	0.0089	0.0140							
503	612.6	-67.2	-893.8	16.0	787.1	-40.7	0.0202	0.0089	0.0140							
504	613.3	-67.9	-890.3	29.7	782.1	-82.4	0.0202	0.0089	0.0140							
505	703.6	-27.8	-705.9	-52.1	851.3	96.2	0.0202	0.0089	0.0140							
506	716.7	-21.6	-668.2	-38.2	836.6	53.7	0.0202	0.0089	0.0140							
507	722.8	-18.7	-648.6	-21.1	829.2	-22.9	0.0202	0.0089	0.0140							
508	721.6	-19.2	-647.0	33.5	829.4	-65.0	0.0202	0.0089	0.0140							
509	769.1	48.2	-209.1	-67.6	1117.0	124.4	0.0203	0.0262	0.0244	73.72	57.32	61.36	0.00	-1.43	-2.46	0.0
510	785.7	55.0	-148.2	-51.0	1086.6	62.3	0.0203	0.0262	0.0244	74.12	57.22	61.44	0.00	-1.44	-2.37	0.0
511	793.2	59.4	-121.7	-27.3	1076.3	-17.5	0.0203	0.0262	0.0244	74.34	57.39	61.63	0.00	-1.45	-2.34	0.0
512	791.2	61.2	-130.5	42.0	1086.5	-79.3	0.0203	0.0262	0.0244	74.27	57.75	61.82	0.00	-1.44	-2.37	0.0
513	57.4	-119.3	58.2	12.1	120.2	37.2	0.0331	0.0462	0.0022	5.50	3.94	81.49	0.00	-0.24	-0.31	0.0
514	55.7	-119.7	57.6	25.5	116.6	43.7	0.0331	0.0462	0.0022	5.48	3.92	81.12	0.00	-0.24	-0.31	0.0
515	52.5	-121.5	57.7	38.7	113.8	50.0	0.0331	0.0462	0.0022	5.50	3.94	81.46	0.00	-0.24	-0.32	0.0
516	47.8	-124.4	58.6	52.7	112.1	56.0	0.0331	0.0462	0.0022	5.58	3.99	82.63	0.00	-0.24	-0.33	0.0
517	116.0	-131.5	-78.1	27.8	95.8	17.3	0.0331	0.0462	0.0022	4.80	3.44	71.16	0.00	-0.27	-0.30	0.0
518	113.6	-129.0	-76.5	49.3	94.4	28.5	0.0331	0.0462	0.0022	4.94	3.54	73.14	0.00	-0.28	-0.31	0.0
519	107.7	-128.6	-75.7	70.0	92.9	39.1	0.0331	0.0462	0.0022	5.07	3.63	75.17	0.00	-0.28	-0.32	0.0
520	98.4	-130.2	-75.7	90.5	91.2	49.7	0.0331	0.0462	0.0022	5.21	3.73	77.15	0.00	-0.29	-0.34	0.0
521	91.3	-153.7	-138.1	45.0	-8.7	17.0	0.0331	0.0462	0.0022	3.01	2.15	44.54	0.00	-0.23	-0.27	0.0
522	88.6	-148.4	-134.4	72.3	7.9	25.0	0.0331	0.0462	0.0022	3.32	2.37	49.13	0.00	-0.23	-0.29	0.0
523	80.9	-145.8	-133.4	97.1	-8.1	32.8	0.0331	0.0462	0.0022	3.53	2.53	52.29	0.00	-0.23	-0.32	0.0
524	68.4	-146.0	-134.8	121.8	-10.1	40.3	0.0331	0.0462	0.0022	3.74	2.68	55.34	0.00	-0.24	-0.34	0.0
525	-71.7	-208.4	-214.0	69.8	-169.0	23.7	0.0331	0.0462	0.0022	1.47	1.05	21.80	0.00	-0.24	-0.40	0.0
526	-74.4	-196.4	-206.5	98.0	-163.6	25.1	0.0331	0.0462	0.0022	1.67	1.19	24.68	0.00	-0.23	-0.41	0.0
527	-82.8	-191.3	-205.1	121.0	-162.7	28.5	0.0331	0.0462	0.0022	1.82	1.30	26.93	0.00	-0.23	-0.43	0.0
528	-96.8	-193.4	-209.7	145.3	-166.4	29.6	0.0331	0.0462	0.0022	2.02	1.44	29.86	0.00	-0.24	-0.46	0.0
529	-480.7	-321.7	-409.5	109.3	-484.6	29.1	0.0331	0.0462	0.0022	1.47	1.05	21.74	0.00	-0.36	-1.00	0.0
530	-475.8	-296.1	-386.5	128.6	-457.4	22.2	0.0331	0.0462	0.0022	1.31	0.94	19.46	0.00	-0.33	-0.95	0.0
531	-483.2	-288.2	-384.3	142.6	-454.6	29.7	0.0331	0.0462	0.0022	1.23	0.88	18.18	0.00	-0.32	-0.96	0.0
532	-502.5	-298.1	-402.9	157.0	-475.9	22.7	0.0331	0.0462	0.0022	1.49	1.07	22.07	0.00	-0.34	-1.01	0.0
533	-1393.7	-627.7	-1425.8	158.3	-1332.2	-53.6	0.0331	0.0462	0.0057				-0.04	-0.66	-2.74	
534	-1339.2	-566.1	-1276.5	163.8	-1212.0	30.4	0.0331	0.0462	0.0057				-0.08	-0.57	-2.53	
535	-1342.2	-554.8	-1272.4	164.0	-1205.4	21.1	0.0331	0.0462	0.0057				-0.08	-0.57	-2.52	
536	-1402.4	-593.7	-1413.4	164.1	-1312.3	65.3	0.0331	0.0462	0.0057				-0.09	-0.59	-2.73	
537	-2522.4	-1037.1	-3009.8	212.0	-1336.6	-177.5	0.0331	0.0462	0.0057				-0.89	-1.56	-4.12	
538	-2439.8	-940.6	-2677.8	201.7	-1292.9	-31.1	0.0331	0.0462	0.0057				-0.86	-1.33	-3.86	
539	-2432.0	-925.2	-2668.5	188.3	-1278.4	28.4	0.0331	0.0462	0.0057				-0.88	-1.30	-3.84	
540	-2498.9	-990.4	-2981.5	173.7	-1292.5	176.8	0.0331	0.0462	0.0057				-0.97	-1.43	-4.07	
541	-4117.4	-1328.7	-3557.6	317.2	-2112.8	-107.8	0.0331	0.0462	0.0057				-1.17	-1.86	-5.97	
542	-4045.8	-1251.0	-3296.2	257.2	-2163.0	-56.2	0.0331	0.0462	0.0057				-1.12	-1.60	-5.87	
543	-4014.7	-1230.0	-3272.8	204.6	-2129.0	-65.3	0.0331	0.0462	0.0057				-1.13	-1.58	-5.81	
544	-4023.8	-1264.7	-3486.0	144.0	-2009.8	84.2	0.0331	0.0462	0.0057				-1.26	-1.73	-5.79	
545	-7738.0	-2779.2	-10267.6	471.2	-7590.2	414.8	0.0331	0.0462	0.0057				-1.30	-2.76	-16.73	
546	-7646.7	-2743.5	-10149.5	342.9	-7537.4	184.4	0.0331	0.0462	0.0057				-1.24	-2.75	-16.55	
547	-7564.7	-2702.9	-10028.8	228.9	-7440.0	-254.3	0.0331	0.0462	0.0057				-1.18	-2.78	-16.34	
548	-7491.3	-2656.9	-9903.7	-247.7	-7296.4	-470.4	0.0331	0.0462	0.0057				-1.29	-2.65	-16.11	
549	-1920.8	-2813.8	-16678.6	-155.1	-1273.3	-237.2	0.0331	0.0462	0.0055				-1.79	-2.83	-16.79	
550	-1842.6	-2832.5	-16720.8	-52.8	-1205.5	-233.4	0.0331	0.0462	0.0055				-1.74	-2.83	-16.82	
551	-1822.1	-2796.0	-16521.8	103.0	-1189.2	-224.9	0.0331	0.0462	0.0055				-1.71	-2.81	-16.62	
552	-1857.4	-2706.2	-16083.7	199.4	-1222.3	-216.0	0.0331	0.0462	0.0055				-1.71	-2.75	-16.19	
553	-2507.0	-1938.8	-10175.7	228.7	4298.1	-631.7	0.0331	0.0462	0.0055				-0.58	-1.90	-12.15	
554	-2646.6	-1837.1	-10179.1	160.7	4762.9	-280.7	0.0331	0.0462	0.0055				-0.34	-1.83	-12.49	
555	-2622.5	-1806.5	-10061.7	-52.0	4720.9	151.9	0.0331	0.0462	0.0055				-0.33	-1.80	-12.35	
556	-2436.1	-1841.9	-9819.6	-131.0	4190.4	484.1	0.0331	0.0462	0.0055				-0.54	-1.82	-11.74	
557	-1105.2	-575.2	-2698.4	113.9	1228.0	-795.8	0.0331	0.0462	0.0055				-0.14	-0.68	-3.56	
558	-1078.0	-175.9	-2210.7	82.3	1538.0	-201.6	0.0331	0.0462	0.0055	0.24	0.17	1.48	0.00	-0.18	-3.31	0.0
559	-1067.4	-154.4	-2178.0	-15.0	1530.7	144.5	0.0331	0.0462	0.0055	1.00	0.71	6.05	0.00	-0.21	-3.29	0.0
560	-1069.4	-491.1	-2575.1	-56.7	1217.2	695.2	0.0331	0.0462	0.0055				-0.09	-0.65	-3.39	
561	-483.5	-391.8	-1678.2	103.0	321.1	-1063.6	0.0331	0.0462	0.0055	6.50	4.65	39.42	0.00	-0.65	-2.55	0.0
562	-333.7	199.5	-986.6	53.2	447.9	-245.8	0.0331	0.0462	0.0055	7.59	5.44	46.08	0.00	-0.37	-1.51	0.0
563	-327.6	225.4	-964.1	-12.1	450.1	201.4	0.0331	0.0462	0.0055	8.07	5.78	48.99	0.00	-0.38	-1.49	0.0
564	-457.7	-288.1	-1577.7	-67.5	330.1	959.3	0.0331	0.0462	0.0055	7.16	5.13	43.47	0.00	-0.65	-2.39	0.0
565	-249.7	-354.9	-1382.0	99.3	85.0	-1184.5	0.0331	0.0462	0.0055	12.83	9.19	77.85	0.00	-0.67	-2.59	0.0
566	-27.2	317.5	-622.4	42.5	102.0	-284.3	0.0331	0.0462	0.0055	12.00	8.59	72.83	0.00	-0.41	-1.12	0.0
567	-21.6	348.1	-601.5	-17.1	105.0	237.8	0.0331	0.0462	0.0055	12.22	8.75	74.16	0.00	-0.41	-1.08	0.0
568	-223.3	-236.6	-1285.0	-76.1	93.4	1072.8	0.0331	0.0462	0.0055	13.10	9.38	79.50	0.00	-0.65	-2.40	0.0
569	-168.3	-345.4	-1275.7	82.4	34.6	-1204.8	0.0331	0.0462	0.0055	14.64	10.48	88.83	0.00	-0.65	-2.59	0.0
570	79.8	347.2	-514.1	31.5	10.4	-296.5	0.0331	0.0462	0.0055	13.34	9.55	80.94	0.00	-0.36	-1.05	0.0
571	86.2	380.8	-493.0	-17.3	12.3	246.2	0.0331	0.0462	0.0055	13.47	9.65	81.75	0.00	-0.36	-1.00	0.0
572	-139.3	-219.1	-1178.9	-68.7	39.5	1088.3	0.0331	0.0462	0.0055	14.88	10.65	90.29	0.00	-0.63	-2.38	0.0
573	-137.2	-340.1	-1218.0	56.9	39.4	-1180.2	0.0331	0.0462	0.0055	14.54	10.41	88.21	0.00	-0.62	-2.52	0.0
574	114.2	347.3	-474.9	18.7	-13.3	-291.4	0.0331	0.0462	0.0055	13.34	9.55	80.96	0.00	-0.33	-1.01	0.0
575	121.3	382.2	-453.7	-14.0	-12.7	238.8	0.0331	0.0462	0.0055	13.49	9.66	81.86	0.00	-0.33	-0.96	0.0
576	-106.4	-210.2	-1120.9	-52.1	40.8	1061.2	0.0331	0.0462	0.0055	14.81	10.60	89.84	0.00	-0.59	-2.31	0.0
577	-49.8	60.1	70.5	23.7	11.9	77.9	0.0091	0.0461	0.0127	16.17	3.18	11.53	0.00	-0.16	-0.20	0.0
578	-49.9	57.6	72.1	26.3	11.1	92.2	0.0090	0.0462	0.0127	17.94	3.48	12.63	0.00	-0.18	-0.22	0.0
579	-51.3	56.2	73.2	29.3	-11.5	106.0	0.0090	0.0462	0.0127	19.17	3.71	13.50	0.00	-0.19	-0.25	0.0
580	-53.8	56.0	73.8	32.3	-19.6	119.0	0.0091	0.0461	0.0127	20.35	4.00	14.51	0.00	-0.20	-0.28	0.0
581	-249.2	7.6	-258.1	30.1	-186.5	71.8	0.0089	0.0357	0.0022							
582	-244.8	4.5	-252.6	33.3	-181.3	79.3	0.0089	0.0357	0.0022							
583	-244.8	3.3	-249.8	37.6	-182.2	86.5	0.0089	0.0357	0.0022							
584	-249.1	3.8	-249.8	40.7	-189.1	93.0	0.0089	0.0357	0.0022							
585	-530.6	-45.4	-477.9	46.4	-431.5	74.6	0.0089	0.0357	0.0022							
586	-521.6	-49.8	-467.5	45.1	-421.8	72.5	0.0089	0.0357	0.0022							
587	-519.8	-50.6	-463.6	45.6	-420.1	71.1	0.0089	0.0357	0.0022							
588	-525.1	-47.8	-466.2	44.0	-426.2	68.5	0.0089	0.0357	0.0022							
589	-893.1	-114.6	-737.4	64.4	-802.3	87.1	0.0089	0.0357	0.0022							
590	-876.4	-122.3	-718.7	56.6	-784.2	70.6	0.0089	0.0357	0.0022							
591	-871.8	-122.5	-713.3	53.4	-778.9	57.5	0.0089	0.0357	0.0022							
592	-879.4	-115.2	-721.3	44.9	-786.3	41.2	0.0089	0.0357	0.0022							
593	-1318.1	-221.7	-1233.3	75.4	-1355.6	103.6	0.0089	0.0357	0.0022							
594	-1289.6	-239.7	-1191.2	64.5	-1319.2	69.2	0.0089	0.0357	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
595	-1281.0	-239.2	-1183.2	61.6	-1308.7	45.8	0.0089	0.0357	0.0022							
596	-1292.2	-220.3	-1209.1	50.2	-1323.9	-73.3	0.0089	0.0357	0.0022							
597	-1605.9	-362.9	-2103.8	70.4	-1982.5	111.9	0.0089	0.0357	0.0022							
598	-1587.3	-403.8	-2019.4	66.3	-1933.1	59.1	0.0089	0.0357	0.0022							
599	-1573.0	-402.2	-2005.7	71.2	-1914.5	-55.4	0.0089	0.0357	0.0022							
600	-1562.8	-358.6	-2062.5	66.6	-1926.5	-104.8	0.0089	0.0357	0.0022							
601	-1845.3	-573.8	-3441.1	81.3	-2674.9	119.5	0.0247	0.0357	0.0057							
602	-1839.3	-635.9	-3310.1	70.7	-2624.8	-66.8	0.0247	0.0357	0.0057							
603	-1818.6	-632.7	-3284.1	70.5	-2593.8	-80.8	0.0247	0.0357	0.0057							
604	-1782.8	-565.0	-3362.8	59.7	-2581.6	-146.7	0.0247	0.0357	0.0057							
605	-2035.6	-941.8	-5814.6	70.2	-3467.1	147.4	0.0247	0.0357	0.0057							
606	-1999.2	-1008.9	-5653.6	64.9	-3432.4	-90.0	0.0247	0.0357	0.0057							
607	-1975.8	-1002.3	-5599.1	67.4	-3384.6	-139.0	0.0247	0.0357	0.0057							
608	-1965.0	-923.2	-5650.4	-62.2	-3323.6	-225.8	0.0247	0.0357	0.0057							
609	-132.5	-1034.8	-8131.5	-201.9	-2684.0	87.6	0.0247	0.0357	0.0057							
610	-55.7	-1108.1	-7988.6	-103.8	-2637.9	-137.2	0.0247	0.0357	0.0057							
611	-55.9	-1100.1	-7900.9	95.1	-2594.1	-177.1	0.0247	0.0357	0.0057							
612	-132.2	-1012.9	-7867.8	189.5	-2551.9	-236.3	0.0247	0.0357	0.0057							
613	158.0	-1295.3	-9276.6	-328.8	-1087.4	-254.5	0.0247	0.0357	0.0055							
614	300.2	-1361.4	-9087.0	-132.5	-908.8	-209.4	0.0247	0.0357	0.0055							
615	296.8	-1346.2	-8978.3	164.4	-882.1	-157.0	0.0247	0.0357	0.0055							
616	150.9	-1253.1	-8946.6	352.4	-1002.4	-111.8	0.0247	0.0357	0.0055							
617	-235.9	-1545.1	-8752.0	-521.8	860.4	-658.5	0.0247	0.0357	0.0055							
618	-75.6	-1575.6	-8316.3	-179.4	1162.8	-331.2	0.0247	0.0357	0.0055							
619	-72.6	-1552.6	-8208.1	212.5	1166.9	118.9	0.0247	0.0357	0.0055							
620	-223.5	-1481.0	-8412.7	540.2	881.6	430.5	0.0247	0.0357	0.0055							
621	-1367.8	-1730.4	-6622.8	-424.9	1721.3	-1149.9	0.0247	0.0357	0.0055							
622	-1345.5	-1724.6	-5818.2	-140.7	2062.0	-468.3	0.0247	0.0357	0.0055							
623	-1330.6	-1693.6	-5730.0	175.8	2056.3	261.2	0.0247	0.0357	0.0055							
624	-1323.8	-1645.4	-6329.8	448.1	1712.8	907.7	0.0247	0.0357	0.0055							
625	-1341.8	-1636.9	-4596.6	-274.5	1057.2	-1478.6	0.0247	0.0357	0.0055							
626	-1335.2	-1629.0	-3475.6	-98.5	1260.1	-562.3	0.0247	0.0357	0.0055							
627	-1321.4	-1594.1	-3404.9	121.9	1259.9	364.6	0.0247	0.0357	0.0055							
628	-1300.2	-1543.6	-4347.2	292.0	1059.7	1233.9	0.0247	0.0357	0.0055							
629	-1113.8	-1590.0	-3772.6	-126.7	597.8	-1649.8	0.0247	0.0357	0.0055							
630	-1061.2	-1610.3	-2522.5	-51.1	669.2	-619.8	0.0247	0.0357	0.0055							
631	-1049.3	-1572.9	-2456.2	64.6	671.1	422.6	0.0247	0.0357	0.0055							
632	-1076.2	-1492.0	-3535.0	139.1	603.3	1401.3	0.0247	0.0357	0.0055							
633	-924.4	-1542.1	-3387.2	-20.9	367.1	-1697.4	0.0247	0.0357	0.0055							
634	-822.0	-1592.0	-2113.8	-13.7	362.0	-637.6	0.0247	0.0357	0.0055							
635	-810.8	-1553.7	-2048.6	20.7	363.6	437.7	0.0247	0.0357	0.0055							
636	-887.6	-1443.2	-3153.1	28.8	370.8	1446.0	0.0247	0.0357	0.0055							
637	-808.2	-1488.5	-3176.1	57.7	256.5	-1671.8	0.0247	0.0357	0.0055							
638	-677.5	-1557.0	-1925.7	22.3	213.1	-627.4	0.0247	0.0357	0.0055							
639	-666.5	-1518.6	-1860.6	-20.2	213.6	425.3	0.0247	0.0357	0.0055							
640	-770.8	-1390.1	-2943.0	-54.9	257.3	1418.8	0.0247	0.0357	0.0055							
641	-95.4	140.9	-251.9	34.3	-233.6	93.4	0.0091	0.0282	0.0127	18.15	5.83	12.94	0.00	-0.10	-0.60	0.0
642	-95.7	138.8	-241.4	30.3	-227.5	109.6	0.0089	0.0283	0.0127	19.43	6.14	13.68	0.00	-0.12	-0.60	0.0
643	-96.3	138.2	-236.7	26.4	-228.9	125.5	0.0089	0.0283	0.0127	20.81	6.57	14.66	0.00	-0.14	-0.62	0.0
644	-97.0	139.2	-238.0	22.3	-237.4	140.2	0.0091	0.0282	0.0127	22.17	7.12	15.80	0.00	-0.15	-0.64	0.0
645	-301.0	95.4	-590.6	36.0	-533.5	112.0	0.0089	0.0179	0.0022							
646	-298.4	91.7	-578.2	28.8	-525.1	108.5	0.0089	0.0179	0.0022							
647	-296.7	90.3	-572.1	22.6	-523.8	105.0	0.0089	0.0179	0.0022							
648	-295.9	91.2	-572.2	-24.1	-529.3	100.5	0.0089	0.0179	0.0022							
649	-534.9	46.4	-916.4	42.4	-837.1	126.1	0.0089	0.0179	0.0022							
650	-530.2	40.3	-899.4	30.3	-825.5	105.7	0.0089	0.0179	0.0022							
651	-526.0	38.3	-891.6	-26.7	-821.0	86.3	0.0089	0.0179	0.0022							
652	-522.4	40.4	-892.7	-37.7	-823.5	65.6	0.0089	0.0179	0.0022							
653	-769.0	-11.3	-1304.4	49.8	-1194.2	141.7	0.0089	0.0179	0.0022							
654	-762.6	-20.3	-1280.2	32.4	-1179.0	103.4	0.0089	0.0179	0.0022							
655	-755.7	-22.8	-1269.8	-36.7	-1170.5	67.6	0.0089	0.0179	0.0022							
656	-748.2	-18.7	-1273.1	-52.6	-1168.7	-88.5	0.0089	0.0179	0.0022							
657	-944.0	-81.2	-1843.3	53.0	-1598.2	159.7	0.0089	0.0179	0.0022							
658	-937.5	-95.9	-1810.7	31.9	-1581.2	101.4	0.0089	0.0179	0.0022							
659	-927.6	-98.8	-1796.2	-46.2	-1567.4	-74.2	0.0089	0.0179	0.0022							
660	-914.5	-90.1	-1799.5	-65.1	-1557.0	-129.8	0.0089	0.0179	0.0022							
661	-1030.1	-173.3	-2621.2	47.2	-2015.0	179.7	0.0089	0.0179	0.0022							
662	-1018.5	-197.9	-2581.6	-42.3	-1996.3	98.3	0.0089	0.0179	0.0022							
663	-1006.2	-201.2	-2559.9	-53.9	-1975.8	-102.5	0.0089	0.0179	0.0022							
664	-993.5	-183.3	-2555.9	-71.4	-1953.8	-179.3	0.0089	0.0179	0.0022							
665	-921.2	-294.3	-3732.4	-58.6	-2347.7	192.2	0.0247	0.0179	0.0057							
666	-898.9	-334.6	-3683.2	-61.3	-2322.6	89.9	0.0247	0.0179	0.0057							
667	-886.3	-338.0	-3649.5	-53.2	-2294.8	-134.5	0.0247	0.0179	0.0057							
668	-883.6	-304.8	-3631.5	-51.6	-2264.7	-230.2	0.0247	0.0179	0.0057							
669	-428.9	-411.4	-5009.8	-127.8	-2266.4	169.2	0.0247	0.0179	0.0057							
670	-393.7	-471.6	-4938.6	-87.9	-2230.8	-76.3	0.0247	0.0179	0.0057							
671	-385.4	-474.9	-4889.5	37.0	-2199.0	-160.5	0.0247	0.0179	0.0057							
672	-404.1	-421.9	-4862.9	78.7	-2171.4	-254.4	0.0247	0.0179	0.0057							
673	-180.9	-605.1	-6266.2	-202.4	-1820.0	111.3	0.0247	0.0179	0.0057							
674	-119.1	-687.7	-6137.2	-113.9	-1765.9	-118.0	0.0247	0.0179	0.0057							
675	-113.3	-689.3	-6071.2	63.2	-1733.6	-176.3	0.0247	0.0179	0.0057							
676	-163.0	-611.4	-6068.5	152.0	-1722.8	-246.5	0.0247	0.0179	0.0057							
677	266.9	-752.3	-7050.5	-297.2	-1195.1	-145.4	0.0247	0.0179	0.0055							
678	326.8	-871.0	-6827.9	-142.1	-1097.6	-171.6	0.0247	0.0179	0.0055							
679	327.1	-870.6	-6747.0	93.4	-1069.5	-172.5	0.0247	0.0179	0.0055							
680	268.5	-753.8	-6806.9	246.4	-1110.0	-189.8	0.0247	0.0179	0.0055							
681	279.0	-910.9	-7183.2	-321.4	-411.2	-298.8	0.0247	0.0179	0.0055							
682	312.1	-1076.2	-6823.0	-144.9	-278.4	-245.5	0.0247	0.0179	0.0055							
683	310.4	-1072.5	-6732.2	111.9	-258.5	-131.3	0.0247	0.0179	0.0055							
684	273.8	-905.0	-6908.2	285.3	-350.1	75.3	0.0247	0.0179	0.0055							
685	-51.1	-1035.1	-6657.9	-318.7	265.6	-475.1	0.0247	0.0179	0.0055							
686	-31.0	-1250.3	-6139.6	-135.9	406.1	-327.9	0.0247	0.0179	0.0055							
687	-31.3	-1243.5	-6045.7	115.0	417.2	78.1	0.0247	0.0179	0.0055							
688	-52.5	-1022.3	-6372.1	294.2	300.3	226.8	0.0247	0.0179	0.0055							
689	-489.0	-1116.1	-5765.9	-249.3	640.7	-650.1	0.0247	0.0179	0.0055							
690	-503.8	-1375.1	-5111.8	-103.6	762.2	-396.7	0.0247	0.0179	0.0055							
691	-500.3	-1365.8	-5020.2	91.8	767.4	135.5	0.0247	0.0179	0.0055							
692	-479.8	-1097.4	-5485.0	234.8	657.5	387.0	0.0247	0.0179	0.0055							
693	-662.5	-1129.7	-4964.0	-157.6	603.5	-766.7	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
694	-681.5	-1417.6	-4215.8	-66.6	674.6	-437.8	0.0247	0.0179	0.0055							
695	-676.3	-1407.2	-4127.4	59.6	677.7	170.6	0.0247	0.0179	0.0055							
696	-648.4	-1108.2	-4691.8	149.4	613.1	495.8	0.0247	0.0179	0.0055							
697	-697.6	-1120.4	-4455.6	-72.8	487.3	-819.4	0.0247	0.0179	0.0055							
698	-701.2	-1426.1	-3671.3	-33.1	509.7	-453.9	0.0247	0.0179	0.0055							
699	-695.4	-1415.3	-3584.5	29.2	511.4	183.0	0.0247	0.0179	0.0055							
700	-680.9	-1098.2	-4188.0	68.8	492.2	544.4	0.0247	0.0179	0.0055							
701	-684.8	-1096.5	-4141.4	-7.4	381.0	-821.0	0.0247	0.0179	0.0055							
702	-672.7	-1407.9	-3358.4	-6.7	369.3	-450.0	0.0247	0.0179	0.0055							
703	-666.5	-1397.1	-3272.1	-8.1	369.8	177.0	0.0247	0.0179	0.0055							
704	-666.5	-1074.5	-3875.9	-8.2	382.1	544.4	0.0247	0.0179	0.0055							
705	-124.5	129.3	-773.3	36.6	-405.8	103.8	0.0091	0.0282	0.0127	15.70	5.03	11.18	0.00	-0.07	-1.12	0.0
706	-124.5	128.1	-753.6	30.7	-397.9	116.6	0.0089	0.0283	0.0127	16.50	5.21	11.62	0.00	-0.09	-1.11	0.0
707	-124.5	128.1	-744.4	24.9	-397.4	129.1	0.0089	0.0283	0.0127	17.47	5.52	12.30	0.00	-0.10	-1.11	0.0
708	-124.2	129.3	-745.8	-21.0	-404.0	140.4	0.0091	0.0282	0.0127	21.59	6.92	15.38	0.00	-0.17	-1.15	0.0
709	-278.3	101.9	-1002.6	39.6	-729.3	131.6	0.0089	0.0179	0.0022							
710	-277.2	99.9	-983.1	27.6	-721.1	121.4	0.0089	0.0179	0.0022							
711	-275.1	99.0	-973.2	-24.6	-718.1	111.1	0.0089	0.0179	0.0022							
712	-272.2	99.2	-972.7	-36.0	-720.1	99.9	0.0089	0.0179	0.0022							
713	-415.1	70.5	-1302.1	41.0	-1026.6	153.4	0.0089	0.0179	0.0022							
714	-413.5	66.7	-1280.9	24.7	-1017.3	122.9	0.0089	0.0179	0.0022							
715	-409.4	64.9	-1269.4	-33.9	-1011.3	92.9	0.0089	0.0179	0.0022							
716	-403.1	65.1	-1267.3	-49.1	-1008.8	-85.8	0.0089	0.0179	0.0022							
717	-523.0	33.6	-1677.4	41.0	-1315.0	171.4	0.0089	0.0179	0.0022							
718	-521.0	27.5	-1653.2	-24.6	-1304.6	122.1	0.0089	0.0179	0.0022							
719	-515.1	24.7	-1639.0	-42.8	-1295.3	74.0	0.0089	0.0179	0.0022							
720	-505.3	25.4	-1634.8	-60.6	-1287.1	-121.0	0.0089	0.0179	0.0022							
721	-578.0	-11.4	-2157.9	37.0	-1591.7	187.0	0.0089	0.0179	0.0022							
722	-574.5	-20.5	-2129.9	-32.3	-1580.1	119.3	0.0089	0.0179	0.0022							
723	-567.0	-24.2	-2111.7	-50.6	-1566.7	-93.7	0.0089	0.0179	0.0022							
724	-555.7	-22.4	-2103.1	-68.4	-1551.9	-158.6	0.0089	0.0179	0.0022							
725	-541.7	-66.5	-2770.6	-26.6	-1818.4	197.5	0.0089	0.0179	0.0022							
726	-535.2	-79.9	-2738.0	-42.6	-1804.9	113.5	0.0089	0.0179	0.0022							
727	-526.8	-84.5	-2713.7	-55.1	-1787.2	-117.0	0.0089	0.0179	0.0022							
728	-517.1	-80.3	-2697.9	-67.4	-1765.8	-196.6	0.0089	0.0179	0.0022							
729	-394.8	-130.8	-3492.6	-51.9	-1914.0	197.7	0.0247	0.0179	0.0057							
730	-382.3	-151.1	-3454.0	-56.0	-1897.6	102.5	0.0247	0.0179	0.0057							
731	-374.5	-156.6	-3421.5	-53.9	-1876.0	-140.9	0.0247	0.0179	0.0057							
732	-371.7	-147.1	-3395.7	-54.1	-1849.7	-230.0	0.0247	0.0179	0.0057							
733	-215.4	-214.6	-4275.9	-87.7	-1834.0	184.7	0.0247	0.0179	0.0057							
734	-192.4	-247.6	-4226.8	-71.7	-1812.6	85.4	0.0247	0.0179	0.0057							
735	-185.9	-253.6	-4184.3	-45.4	-1788.0	-163.5	0.0247	0.0179	0.0057							
736	-196.1	-232.6	-4149.1	-25.7	-1761.0	-255.0	0.0247	0.0179	0.0057							
737	49.9	-306.6	-5035.8	-137.7	-1496.9	159.4	0.0247	0.0179	0.0057							
738	80.7	-358.3	-4957.4	-88.5	-1480.7	-91.0	0.0247	0.0179	0.0057							
739	84.2	-364.5	-4903.8	-28.7	-1455.3	-184.6	0.0247	0.0179	0.0057							
740	60.4	-325.5	-4875.9	70.6	-1421.3	-270.8	0.0247	0.0179	0.0057							
741	249.3	-498.8	-6152.4	-180.7	-854.9	165.9	0.0247	0.0179	0.0055							
742	275.2	-557.6	-5942.4	-100.1	-874.5	-122.7	0.0247	0.0179	0.0055							
743	276.2	-563.4	-5878.1	34.2	-850.8	-193.0	0.0247	0.0179	0.0055							
744	252.1	-516.8	-5960.8	116.0	-784.3	-317.7	0.0247	0.0179	0.0055							
745	262.0	-599.9	-6259.7	-188.6	-1090.5	145.1	0.0247	0.0179	0.0055							
746	287.8	-670.0	-6013.3	-98.1	-1000.0	-147.7	0.0247	0.0179	0.0055							
747	286.5	-675.2	-5940.4	39.3	-980.1	-200.5	0.0247	0.0179	0.0055							
748	258.1	-616.0	-6042.5	129.9	-1030.7	-332.8	0.0247	0.0179	0.0055							
749	197.9	-625.3	-5713.9	-183.3	-396.2	-121.8	0.0247	0.0179	0.0055							
750	204.1	-714.3	-5482.3	-90.4	-334.8	-184.3	0.0247	0.0179	0.0055							
751	201.9	-718.6	-5403.5	43.0	-319.7	-185.8	0.0247	0.0179	0.0055							
752	191.1	-638.5	-5479.1	135.4	-350.7	-238.1	0.0247	0.0179	0.0055							
753	57.7	-689.9	-5393.6	-159.7	41.9	-193.6	0.0247	0.0179	0.0055							
754	53.0	-792.6	-5112.4	-76.5	94.7	-219.7	0.0247	0.0179	0.0055							
755	50.9	-796.0	-5030.6	41.2	104.9	-161.4	0.0247	0.0179	0.0055							
756	51.2	-700.5	-5149.6	123.6	72.9	-178.3	0.0247	0.0179	0.0055							
757	-119.4	-733.0	-4999.0	-119.0	266.2	-254.5	0.0247	0.0179	0.0055							
758	-131.9	-849.6	-4675.9	-56.4	309.5	-243.3	0.0247	0.0179	0.0055							
759	-133.0	-852.2	-4593.3	32.4	315.6	-139.7	0.0247	0.0179	0.0055							
760	-122.9	-741.4	-4752.1	94.3	285.0	-120.3	0.0247	0.0179	0.0055							
761	-238.5	-749.4	-4624.5	-72.4	343.7	-292.9	0.0247	0.0179	0.0055							
762	-251.9	-874.4	-4276.5	-35.0	367.3	-255.5	0.0247	0.0179	0.0055							
763	-252.0	-876.5	-4193.9	21.0	370.5	-122.5	0.0247	0.0179	0.0055							
764	-239.4	-756.6	-4377.9	58.0	353.6	-77.6	0.0247	0.0179	0.0055							
765	-297.1	-747.6	-4338.3	-28.0	352.7	-304.8	0.0247	0.0179	0.0055							
766	-307.5	-875.0	-3982.2	-15.1	356.0	-256.6	0.0247	0.0179	0.0055							
767	-307.2	-877.0	-3899.9	10.0	356.9	-111.8	0.0247	0.0179	0.0055							
768	-296.6	-754.3	-4092.1	22.8	355.5	-56.5	0.0247	0.0179	0.0055							
769	-142.9	70.6	-1292.5	34.9	-527.1	115.7	0.0090	0.0282	0.0127	9.27	2.97	6.60	0.00	-0.03	-1.59	0.0
770	-142.6	69.9	-1267.1	30.0	-518.9	120.6	0.0089	0.0283	0.0127	9.91	3.13	6.98	0.00	-0.04	-1.57	0.0
771	-142.1	70.3	-1254.0	25.1	-516.9	125.4	0.0089	0.0283	0.0127	10.65	3.36	7.50	0.00	-0.05	-1.56	0.0
772	-141.4	72.0	-1253.1	-23.5	-520.9	129.1	0.0090	0.0282	0.0127	15.68	5.02	11.16	0.00	-0.14	-1.61	0.0
773	-249.4	55.7	-1409.2	39.1	-807.9	141.8	0.0089	0.0179	0.0022							
774	-249.0	55.0	-1384.6	27.0	-800.8	126.9	0.0089	0.0179	0.0022							
775	-247.0	54.7	-1371.3	-26.8	-796.8	111.9	0.0089	0.0179	0.0022							
776	-243.5	54.9	-1369.1	-38.5	-795.9	96.2	0.0089	0.0179	0.0022							
777	-321.3	39.1	-1620.9	39.9	-1064.8	164.3	0.0089	0.0179	0.0022							
778	-320.8	37.5	-1596.5	23.2	-1057.9	130.4	0.0089	0.0179	0.0022							
779	-317.5	36.3	-1582.0	-34.7	-1051.6	96.6	0.0089	0.0179	0.0022							
780	-311.3	35.7	-1577.4	-50.5	-1045.9	-107.4	0.0089	0.0179	0.0022							
781	-356.4	19.1	-1915.3	37.8	-1292.7	182.7	0.0089	0.0179	0.0022							
782	-355.8	16.2	-1890.1	-23.3	-1285.6	131.0	0.0089	0.0179	0.0022							
783	-351.2	14.2	-1873.6	-41.8	-1276.7	-88.8	0.0089	0.0179	0.0022							
784	-342.9	13.1	-1865.5	-59.6	-1266.2	-139.0	0.0089	0.0179	0.0022							
785	-344.3	-4.7	-2288.2	32.2	-1481.2	196.7	0.0089	0.0179	0.0022							
786	-343.2	-9.7	-2261.6	-29.3	-1473.6	128.8	0.0089	0.0179	0.0022							
787	-337.8	-12.7	-2241.9	-47.6	-1461.8	-105.5	0.0089	0.0179	0.0022							
788	-328.3	-13.7	-2228.9	-65.0	-1446.3	-170.9	0.0089	0.0179	0.0022							
789	-276.3	-33.2	-2731.6	22.2	-1607.8	205.2	0.0089	0.0179	0.0022							
790	-274.3	-40.9	-2703.2	-36.5	-1599.0	123.2	0.0089	0.0179	0.0022							
791	-268.6	-45.0	-2679.0	-51.4	-1584.5	-123.7	0.0089	0.0179	0.0022							
792	-259.4	-45.1	-2659.2	-65.6	-1564.4	-202.0	0.0089	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
793	-156.9	-67.7	-3225.9	-33.1	-1645.3	206.6	0.0247	0.0179	0.0057							
794	-153.7	-78.9	-3194.6	-44.1	-1634.8	113.7	0.0247	0.0179	0.0057							
795	-148.3	-83.9	-3164.6	-52.6	-1617.6	-142.6	0.0247	0.0179	0.0057							
796	-140.9	-82.5	-3136.4	-60.3	-1594.2	-230.3	0.0247	0.0179	0.0057							
797	11.9	-105.2	-3722.6	-49.3	-1556.3	199.2	0.0247	0.0179	0.0057							
798	14.8	-120.0	-3686.9	-51.2	-1544.5	100.7	0.0247	0.0179	0.0057							
799	19.1	-125.9	-3650.1	-50.8	-1525.4	-161.4	0.0247	0.0179	0.0057							
800	24.6	-122.7	-3612.8	-49.5	-1499.7	-253.4	0.0247	0.0179	0.0057							
801	175.8	-146.3	-4148.6	-61.8	-1307.3	189.8	0.0247	0.0179	0.0057							
802	175.0	-163.1	-4110.6	-55.6	-1305.2	88.7	0.0247	0.0179	0.0057							
803	177.7	-169.7	-4066.3	-47.2	-1285.4	-183.3	0.0247	0.0179	0.0057							
804	183.8	-165.8	-4016.4	-38.0	-1248.4	-276.8	0.0247	0.0179	0.0057							
805	320.2	-114.3	-4016.3	-63.5	-770.2	224.6	0.0247	0.0179	0.0057							
806	309.9	-143.5	-4045.7	-55.8	-818.1	-92.8	0.0247	0.0179	0.0057							
807	310.6	-150.5	-3993.8	-42.7	-798.9	-198.6	0.0247	0.0179	0.0057							
808	322.4	-135.1	-3861.7	-32.5	-712.9	-344.6	0.0247	0.0179	0.0057							
809	322.9	-136.5	-4085.6	-79.5	-1170.4	249.3	0.0247	0.0179	0.0055							
810	319.6	-179.8	-4134.4	-58.9	-1116.7	-98.5	0.0247	0.0179	0.0055							
811	318.6	-186.8	-4075.7	-30.4	-1099.3	-220.5	0.0247	0.0179	0.0055							
812	319.9	-157.6	-3910.6	20.2	-1118.7	-400.5	0.0247	0.0179	0.0055							
813	356.3	-250.1	-4717.8	-90.3	-662.1	173.9	0.0247	0.0179	0.0055							
814	348.5	-298.5	-4673.0	-57.7	-634.2	-116.5	0.0247	0.0179	0.0055							
815	346.1	-305.4	-4608.9	-18.9	-619.8	-224.0	0.0247	0.0179	0.0055							
816	349.3	-270.8	-4526.3	38.4	-618.9	-352.4	0.0247	0.0179	0.0055							
817	295.8	-290.0	-4683.8	-85.9	-316.6	135.6	0.0247	0.0179	0.0055							
818	284.1	-349.1	-4620.5	-50.9	-291.4	-137.0	0.0247	0.0179	0.0055							
819	281.1	-355.8	-4552.5	-10.8	-280.4	-217.8	0.0247	0.0179	0.0055							
820	286.7	-310.0	-4480.5	44.1	-283.6	-336.1	0.0247	0.0179	0.0055							
821	208.9	-320.4	-4526.9	-73.6	-79.7	98.4	0.0247	0.0179	0.0055							
822	191.6	-385.1	-4448.0	-40.9	-55.2	-150.0	0.0247	0.0179	0.0055							
823	188.4	-391.4	-4377.6	10.4	-47.7	-211.9	0.0247	0.0179	0.0055							
824	199.2	-339.6	-4316.3	43.2	-57.0	-315.1	0.0247	0.0179	0.0055							
825	123.3	-339.8	-4323.0	-53.4	150.6	65.9	0.0247	0.0179	0.0055							
826	101.2	-407.1	-4231.1	-28.6	166.9	-157.9	0.0247	0.0179	0.0055							
827	98.1	-413.2	-4159.4	10.1	171.2	-204.4	0.0247	0.0179	0.0055							
828	113.9	-358.3	-4108.5	34.8	163.5	-293.0	0.0247	0.0179	0.0055							
829	64.1	-346.2	-4121.2	-28.9	259.4	-71.2	0.0247	0.0179	0.0055							
830	40.2	-414.1	-4022.5	-15.4	265.4	-159.7	0.0247	0.0179	0.0055							
831	37.3	-420.1	-3950.4	8.6	266.7	-197.2	0.0247	0.0179	0.0055							
832	55.2	-364.4	-3905.1	22.2	263.5	-277.5	0.0247	0.0179	0.0055							
833	-154.9	-4.5	-1721.1	31.4	-613.1	129.2	0.0090	0.0282	0.0127	6.57	2.10	4.67	0.00	-0.06	-2.00	0.0
834	-154.2	-5.1	-1693.4	28.8	-605.4	124.3	0.0089	0.0283	0.0127	6.55	2.07	4.61	0.00	-0.06	-1.97	0.0
835	-153.4	-4.3	-1677.3	26.2	-602.3	119.3	0.0089	0.0283	0.0127	6.66	2.10	4.69	0.00	-0.06	-1.95	0.0
836	-152.6	-2.2	-1672.9	23.2	-603.7	113.6	0.0090	0.0282	0.0127	6.88	2.20	4.89	0.00	-0.06	-1.95	0.0
837	-227.8	-13.5	-1757.0	35.9	-834.0	149.8	0.0089	0.0179	0.0022							
838	-227.5	-13.7	-1729.8	26.5	-827.9	130.1	0.0089	0.0179	0.0022							
839	-225.7	-13.4	-1713.8	-26.6	-823.4	110.2	0.0089	0.0179	0.0022							
840	-222.5	-12.6	-1709.0	-35.8	-820.5	-99.5	0.0089	0.0179	0.0022							
841	-266.2	-22.0	-1879.1	37.6	-1038.9	169.2	0.0089	0.0179	0.0022							
842	-266.2	-22.2	-1852.4	23.2	-1033.8	133.9	0.0089	0.0179	0.0022							
843	-263.4	-22.6	-1835.8	-32.7	-1027.6	98.5	0.0089	0.0179	0.0022							
844	-258.1	-22.9	-1829.2	-46.3	-1020.4	-124.2	0.0089	0.0179	0.0022							
845	-268.9	-31.0	-2076.1	36.2	-1213.7	185.9	0.0089	0.0179	0.0022							
846	-268.9	-31.8	-2049.7	-21.3	-1209.0	135.3	0.0089	0.0179	0.0022							
847	-265.4	-32.8	-2031.7	-38.2	-1200.9	-101.0	0.0089	0.0179	0.0022							
848	-258.5	-34.1	-2022.0	-54.3	-1189.5	-150.4	0.0089	0.0179	0.0022							
849	-233.8	-41.4	-2336.2	32.1	-1345.4	198.8	0.0089	0.0179	0.0022							
850	-233.8	-43.1	-2309.9	-25.0	-1340.8	134.0	0.0089	0.0179	0.0022							
851	-229.8	-45.0	-2289.6	-42.7	-1330.7	-114.4	0.0089	0.0179	0.0022							
852	-222.0	-46.9	-2275.5	-59.5	-1315.4	-177.1	0.0089	0.0179	0.0022							
853	-160.6	-53.7	-2644.8	25.4	-1420.2	207.1	0.0089	0.0179	0.0022							
854	-160.6	-56.5	-2618.2	-29.4	-1415.2	129.9	0.0089	0.0179	0.0022							
855	-156.4	-59.3	-2594.8	-46.0	-1403.2	-128.9	0.0089	0.0179	0.0022							
856	-148.4	-61.8	-2574.8	-61.5	-1384.3	-203.1	0.0089	0.0179	0.0022							
857	-52.4	-67.5	-2978.1	-18.3	-1420.7	210.1	0.0089	0.0179	0.0022							
858	-53.0	-71.2	-2950.8	-33.6	-1415.5	122.9	0.0089	0.0179	0.0022							
859	-49.2	-74.8	-2923.4	-48.0	-1401.7	-144.3	0.0089	0.0179	0.0022							
860	-41.1	-78.3	-2896.3	-60.6	-1379.8	-227.4	0.0089	0.0179	0.0022							
861	74.4	-81.4	-3297.9	-23.7	-1332.1	208.9	0.0247	0.0179	0.0057							
862	71.0	-85.0	-3270.2	-36.2	-1328.2	113.7	0.0247	0.0179	0.0057							
863	74.1	-89.6	-3238.1	-49.1	-1313.2	-160.2	0.0247	0.0179	0.0057							
864	83.6	-94.8	-3202.0	-58.9	-1287.5	-250.2	0.0247	0.0179	0.0057							
865	194.4	-87.7	-3521.1	-22.9	-1145.4	208.5	0.0247	0.0179	0.0057							
866	185.4	-88.7	-3501.1	-36.0	-1149.1	104.6	0.0247	0.0179	0.0057							
867	187.3	-94.0	-3463.7	-50.0	-1133.5	-178.0	0.0247	0.0179	0.0057							
868	200.2	-103.4	-3409.7	-60.5	-1099.1	-275.7	0.0247	0.0179	0.0057							
869	190.0	-100.4	-3664.9	-14.9	-989.0	217.6	0.0247	0.0179	0.0057							
870	188.6	-95.6	-3660.7	-32.9	-995.7	100.9	0.0247	0.0179	0.0057							
871	189.2	-101.5	-3617.9	-50.2	-980.4	-201.6	0.0247	0.0179	0.0057							
872	191.8	-118.0	-3537.5	-65.8	-943.4	-311.2	0.0247	0.0179	0.0057							
873	236.2	-96.5	-3779.6	-23.8	-837.9	234.0	0.0247	0.0179	0.0055							
874	237.3	-97.5	-3795.3	-34.9	-846.1	94.5	0.0247	0.0179	0.0055							
875	236.5	-104.0	-3747.4	-41.9	-831.9	-221.4	0.0247	0.0179	0.0055							
876	233.9	-115.6	-3636.9	-51.0	-795.5	-353.0	0.0247	0.0179	0.0055							
877	349.8	-90.0	-3901.7	-33.9	-708.0	241.8	0.0247	0.0179	0.0055							
878	343.0	-104.5	-3929.0	-35.0	-701.7	-82.7	0.0247	0.0179	0.0055							
879	341.1	-111.2	-3876.6	-32.3	-689.3	-232.1	0.0247	0.0179	0.0055							
880	343.9	-110.1	-3745.6	-32.1	-671.1	-383.8	0.0247	0.0179	0.0055							
881	362.1	-110.5	-4005.7	-40.6	-456.9	229.9	0.0247	0.0179	0.0055							
882	352.9	-130.4	-4027.7	-32.7	-447.1	-90.4	0.0247	0.0179	0.0055							
883	350.0	-137.3	-3971.7	-23.0	-437.2	-237.8	0.0247	0.0179	0.0055							
884	353.4	-131.1	-3838.8	-14.4	-427.2	-391.4	0.0247	0.0179	0.0055							
885	336.9	-127.0	-3969.4	-41.1	-237.6	211.8	0.0247	0.0179	0.0055							
886	323.1	-148.3	-3986.4	-28.0	-225.7	-97.1	0.0247	0.0179	0.0055							
887	319.6	-155.2	-3927.8	-14.7	-218.5	-239.0	0.0247	0.0179	0.0055							
888	326.5	-147.8	-3794.6	12.5	-216.1	-388.4	0.0247	0.0179	0.0055							
889	300.6	-139.5	-3869.3	-34.8	-61.7	192.6	0.0247	0.0179	0.0055							
890	282.3	-160.9	-3880.1	-21.2	-51.7	-101.5	0.0247	0.0179	0.0055							
891	278.6	-167.8	-3819.9	-8.1	-47.4	-236.9	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
892	289.3	-160.3	-3689.6	17.0	-48.8	-379.5	0.0247	0.0179	0.0055							
893	267.6	-145.8	-3739.5	-23.7	171.0	177.6	0.0247	0.0179	0.0055							
894	246.8	-166.9	-3746.1	-12.9	176.0	-102.6	0.0247	0.0179	0.0055							
895	242.9	-173.8	-3685.1	6.1	177.5	-232.7	0.0247	0.0179	0.0055							
896	255.9	-166.7	-3557.4	17.1	175.2	-369.9	0.0247	0.0179	0.0055							
897	-163.8	-82.0	-2047.5	27.5	-678.1	143.1	0.0090	0.0193	0.0127	6.35	2.97	4.51	0.00	-0.13	-2.33	0.0
898	-162.8	-82.6	-2019.6	27.7	-671.3	128.2	0.0089	0.0194	0.0127	6.24	2.88	4.39	0.00	-0.13	-2.30	0.0
899	-161.8	-81.6	-2001.7	27.9	-667.4	113.5	0.0089	0.0194	0.0127	6.19	2.85	4.36	0.00	-0.13	-2.28	0.0
900	-160.9	-78.9	-1993.7	27.6	-666.5	-105.3	0.0090	0.0193	0.0127	8.67	4.06	6.17	0.00	-0.18	-2.29	0.0
901	-216.7	-89.1	-2031.5	31.9	-847.1	158.6	0.0089	0.0089	0.0022							
902	-216.3	-89.2	-2003.5	26.2	-841.9	133.1	0.0089	0.0089	0.0022							
903	-214.7	-88.5	-1985.7	-25.4	-837.1	107.5	0.0089	0.0089	0.0022							
904	-211.8	-86.8	-1978.2	-31.0	-832.6	-120.8	0.0089	0.0089	0.0022							
905	-241.8	-93.9	-2079.9	34.5	-1003.5	174.0	0.0089	0.0089	0.0022							
906	-241.9	-93.6	-2052.2	23.9	-999.5	136.4	0.0089	0.0089	0.0022							
907	-239.6	-93.2	-2034.2	-29.8	-993.4	-102.8	0.0089	0.0089	0.0022							
908	-235.0	-92.6	-2025.8	-40.0	-985.3	-139.8	0.0089	0.0089	0.0022							
909	-236.6	-97.0	-2188.6	34.9	-1132.6	187.7	0.0089	0.0089	0.0022							
910	-236.8	-96.7	-2161.4	20.8	-1129.4	137.8	0.0089	0.0089	0.0022							
911	-234.0	-96.8	-2142.6	-33.9	-1122.0	-111.9	0.0089	0.0089	0.0022							
912	-228.2	-97.2	-2132.1	-47.3	-1110.5	-160.6	0.0089	0.0089	0.0022							
913	-200.6	-99.4	-2348.8	33.0	-1223.0	198.5	0.0089	0.0089	0.0022							
914	-200.9	-99.2	-2322.3	-21.5	-1220.2	136.9	0.0089	0.0089	0.0022							
915	-197.7	-99.9	-2302.0	-37.4	-1211.4	-122.4	0.0089	0.0089	0.0022							
916	-191.3	-101.4	-2288.1	-52.4	-1196.9	-182.2	0.0089	0.0089	0.0022							
917	-136.4	-101.6	-2546.8	29.0	-1265.1	205.9	0.0089	0.0089	0.0022							
918	-136.7	-101.8	-2520.8	-23.7	-1262.3	133.8	0.0089	0.0089	0.0022							
919	-133.5	-103.1	-2498.6	-40.1	-1252.2	-133.8	0.0089	0.0089	0.0022							
920	-127.0	-105.6	-2480.0	-55.4	-1235.1	-203.5	0.0089	0.0089	0.0022							
921	-51.8	-103.9	-2762.8	23.8	-1251.6	209.7	0.0089	0.0089	0.0022							
922	-52.3	-104.3	-2737.4	-25.8	-1248.8	128.4	0.0089	0.0089	0.0022							
923	-49.3	-106.4	-2712.4	-41.8	-1237.6	-146.0	0.0089	0.0089	0.0022							
924	-43.1	-110.0	-2688.0	-56.3	-1218.3	-224.0	0.0089	0.0089	0.0022							
925	39.6	-105.7	-2969.0	18.7	-1180.6	210.5	0.0247	0.0089	0.0057							
926	38.6	-105.8	-2944.9	-27.3	-1178.3	121.3	0.0247	0.0089	0.0057							
927	41.0	-108.6	-2916.6	-42.6	-1166.3	-158.7	0.0247	0.0089	0.0057							
928	46.7	-114.0	-2884.6	-55.9	-1144.9	-243.7	0.0247	0.0089	0.0057							
929	112.8	-108.6	-3148.0	14.4	-1071.2	209.9	0.0247	0.0089	0.0057							
930	112.1	-107.3	-3125.6	-27.5	-1069.1	113.4	0.0247	0.0089	0.0057							
931	113.7	-110.9	-3093.7	-42.6	-1056.7	-172.0	0.0247	0.0089	0.0057							
932	117.5	-119.1	-3052.9	-54.7	-1034.5	-263.4	0.0247	0.0089	0.0057							
933	186.3	-109.5	-3289.9	-14.5	-933.5	208.6	0.0247	0.0089	0.0057							
934	184.1	-105.5	-3269.9	-26.9	-932.6	105.2	0.0247	0.0089	0.0057							
935	184.7	-109.8	-3234.2	-40.9	-920.4	-185.3	0.0247	0.0089	0.0057							
936	188.0	-121.9	-3183.4	-51.3	-897.3	-282.9	0.0247	0.0089	0.0057							
937	237.7	-110.9	-3392.1	-12.6	-781.8	209.3	0.0247	0.0089	0.0055							
938	236.5	-102.8	-3379.1	-24.9	-783.5	98.2	0.0247	0.0089	0.0055							
939	236.1	-107.6	-3339.6	-38.1	-772.1	-199.4	0.0247	0.0089	0.0055							
940	236.3	-125.0	-3274.5	-48.7	-747.8	-303.9	0.0247	0.0089	0.0055							
941	276.5	-111.9	-3461.0	-16.1	-627.7	211.1	0.0247	0.0089	0.0055							
942	278.0	-100.9	-3457.7	-23.8	-628.2	91.7	0.0247	0.0089	0.0055							
943	276.5	-106.1	-3414.8	-31.9	-618.1	-212.1	0.0247	0.0089	0.0055							
944	272.2	-127.3	-3333.2	-38.5	-597.7	-324.4	0.0247	0.0089	0.0055							
945	323.9	-112.9	-3501.4	-20.8	-468.6	207.4	0.0247	0.0089	0.0055							
946	323.4	-101.2	-3502.7	-22.4	-464.7	-87.3	0.0247	0.0089	0.0055							
947	321.1	-106.8	-3456.9	-24.3	-456.4	-220.2	0.0247	0.0089	0.0055							
948	317.0	-129.3	-3364.9	-25.3	-443.9	-336.8	0.0247	0.0089	0.0055							
949	341.8	-118.6	-3503.9	-23.1	-292.6	197.9	0.0247	0.0089	0.0055							
950	339.0	-106.6	-3504.2	-19.6	-286.8	-90.6	0.0247	0.0089	0.0055							
951	336.1	-112.4	-3456.2	-16.6	-280.7	-223.8	0.0247	0.0089	0.0055							
952	333.0	-135.8	-3360.8	-13.5	-274.3	-340.1	0.0247	0.0089	0.0055							
953	341.5	-124.0	-3454.8	-22.0	-128.1	186.4	0.0247	0.0089	0.0055							
954	336.3	-111.7	-3452.5	-15.3	-122.5	-92.9	0.0247	0.0089	0.0055							
955	332.9	-117.7	-3402.9	-9.6	-118.8	-223.8	0.0247	0.0089	0.0055							
956	331.4	-141.6	-3307.1	7.2	-116.9	-337.5	0.0247	0.0089	0.0055							
957	333.4	-127.4	-3369.5	-18.1	110.4	175.9	0.0247	0.0089	0.0055							
958	326.6	-114.8	-3364.8	-10.0	114.0	-93.3	0.0247	0.0089	0.0055							
959	323.0	-120.9	-3314.5	4.3	115.3	-221.2	0.0247	0.0089	0.0055							
960	322.8	-145.2	-3219.6	12.6	114.2	-331.7	0.0247	0.0089	0.0055							
961	-174.4	-159.0	-2294.5	-27.2	-734.9	156.9	0.0090	0.0193	0.0127	8.69	4.06	6.17	0.00	-0.25	-2.61	0.0
962	-173.2	-159.6	-2267.5	27.1	-729.1	132.8	0.0089	0.0194	0.0127	6.32	2.91	4.45	0.00	-0.21	-2.56	0.0
963	-172.2	-158.2	-2248.4	30.1	-724.8	109.1	0.0089	0.0194	0.0127	6.25	2.88	4.40	0.00	-0.21	-2.54	0.0
964	-171.3	-155.0	-2237.1	32.7	-721.8	-128.7	0.0090	0.0193	0.0127	8.57	4.00	6.09	0.00	-0.25	-2.55	0.0
965	-219.5	-165.5	-2241.3	28.6	-868.6	169.1	0.0089	0.0089	0.0022							
966	-219.0	-165.6	-2213.6	26.6	-864.2	136.9	0.0089	0.0089	0.0022							
967	-217.4	-164.3	-2194.8	24.4	-859.1	-109.3	0.0089	0.0089	0.0022							
968	-214.8	-161.7	-2184.7	-26.0	-853.1	-140.9	0.0089	0.0089	0.0022							
969	-244.1	-168.0	-2229.0	32.5	-985.0	180.8	0.0089	0.0089	0.0022							
970	-244.0	-167.4	-2201.3	25.6	-981.7	139.3	0.0089	0.0089	0.0022							
971	-241.9	-166.3	-2182.5	-27.1	-975.6	-115.1	0.0089	0.0089	0.0022							
972	-237.8	-164.7	-2172.7	-33.8	-966.9	-155.7	0.0089	0.0089	0.0022							
973	-242.7	-167.1	-2262.6	34.7	-1073.8	190.8	0.0089	0.0089	0.0022							
974	-242.9	-166.1	-2235.3	23.7	-1071.2	139.9	0.0089	0.0089	0.0022							
975	-240.4	-165.3	-2216.2	-30.1	-1064.3	-122.2	0.0089	0.0089	0.0022							
976	-235.3	-164.7	-2205.3	-40.7	-1053.1	-171.8	0.0089	0.0089	0.0022							
977	-214.1	-163.9	-2339.6	34.9	-1128.4	198.6	0.0089	0.0089	0.0022							
978	-214.3	-162.6	-2313.1	21.0	-1126.2	138.7	0.0089	0.0089	0.0022							
979	-211.6	-162.2	-2293.3	-32.8	-1118.4	-130.3	0.0089	0.0089	0.0022							
980	-206.1	-162.6	-2280.1	-46.0	-1105.1	-188.5	0.0089	0.0089	0.0022							
981	-161.7	-159.3	-2451.2	33.0	-1144.9	203.8	0.0089	0.0089	0.0022							
982	-161.6	-157.9	-2425.6	-19.4	-1142.7	135.7	0.0089	0.0089	0.0022							
983	-158.9	-157.9	-2404.5	-34.9	-1134.1	-139.2	0.0089	0.0089	0.0022							
984	-153.7	-159.4	-2388.0	-49.3	-1119.1	-205.1	0.0089	0.0089	0.0022							
985	-92.5	-154.2	-2583.2	29.6	-1121.6	206.5	0.0089	0.0089	0.0022							
986	-92.2	-152.6	-2558.6	-20.2	-1119.4	131.0	0.0089	0.0089	0.0022							
987	-89.7	-153.2	-2535.9	-36.1	-1110.1	-148.6	0.0089	0.0089	0.0022							
988	-85.1	-155.8	-2514.9	-50.8	-1093.9	-221.3	0.0089	0.0089	0.0022							
989	-16.5	-149.1	-2720.5	25.3	-1061.4	206.9	0.0247	0.0089	0.0057							
990	-16.0	-147.4	-2696.8	-20.9	-1059.0	124.9	0.0247	0.0089	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
991	-13.9	-148.6	-2671.9	-36.3	-1049.2	-158.3	0.0247	0.0089	0.0057							
992	-10.4	-152.5	-2645.8	-50.4	-1032.4	-236.8	0.0247	0.0089	0.0057							
993	60.5	-143.9	-2848.4	20.5	-968.7	205.3	0.0247	0.0089	0.0057							
994	60.9	-142.0	-2825.6	-21.3	-966.2	117.8	0.0247	0.0089	0.0057							
995	62.4	-143.8	-2798.2	-35.5	-956.3	-167.9	0.0247	0.0089	0.0057							
996	64.8	-149.0	-2766.4	-48.4	-939.2	-251.4	0.0247	0.0089	0.0057							
997	128.1	-139.2	-2956.4	16.1	-852.6	202.7	0.0247	0.0089	0.0057							
998	128.7	-137.0	-2934.8	-20.9	-850.1	110.0	0.0247	0.0089	0.0057							
999	129.4	-139.4	-2904.7	-33.7	-840.4	-177.3	0.0247	0.0089	0.0057							
1000	130.2	-146.0	-2866.7	-45.2	-823.7	-265.3	0.0247	0.0089	0.0057							
1001	188.0	-135.2	-3040.4	11.0	-722.6	198.8	0.0247	0.0089	0.0038							
1002	188.8	-132.2	-3019.3	-20.0	-719.6	101.9	0.0247	0.0089	0.0038							
1003	188.7	-135.1	-2986.6	-30.7	-710.6	-186.0	0.0247	0.0089	0.0038							
1004	187.7	-143.6	-2942.7	-39.6	-695.6	-277.4	0.0247	0.0089	0.0038							
1005	239.1	-132.5	-3097.9	-10.9	-582.6	193.6	0.0247	0.0089	0.0038							
1006	239.9	-128.1	-3077.1	-18.4	-579.9	94.0	0.0247	0.0089	0.0038							
1007	239.0	-131.4	-3041.9	-26.5	-571.8	-193.4	0.0247	0.0089	0.0038							
1008	236.4	-142.2	-2992.8	-33.3	-558.6	-287.1	0.0247	0.0089	0.0038							
1009	278.1	-130.8	-3126.6	-12.4	-437.8	187.9	0.0247	0.0089	0.0038							
1010	279.1	-125.5	-3106.6	-16.5	-434.9	-95.7	0.0247	0.0089	0.0038							
1011	277.5	-129.2	-3069.2	-21.2	-428.2	-199.1	0.0247	0.0089	0.0038							
1012	273.2	-141.5	-3015.1	-25.2	-417.9	-294.4	0.0247	0.0089	0.0038							
1013	309.3	-129.9	-3126.0	-13.8	-291.9	181.0	0.0247	0.0089	0.0038							
1014	309.7	-124.3	-3106.0	-14.1	-288.4	-97.9	0.0247	0.0089	0.0038							
1015	307.5	-128.3	-3066.8	-15.2	-283.4	-202.2	0.0247	0.0089	0.0038							
1016	302.8	-141.5	-3009.3	-16.5	-277.1	-297.9	0.0247	0.0089	0.0038							
1017	328.0	-130.3	-3095.4	-14.2	-147.3	173.1	0.0247	0.0089	0.0038							
1018	327.5	-124.7	-3074.2	-11.0	-144.0	-99.2	0.0247	0.0089	0.0038							
1019	324.9	-128.8	-3033.8	-9.2	-140.9	-202.6	0.0247	0.0089	0.0038							
1020	320.3	-142.5	-2975.1	-8.5	-138.1	-297.3	0.0247	0.0089	0.0038							
1021	336.7	-131.0	-3034.8	-13.7	76.1	165.4	0.0247	0.0089	0.0038							
1022	335.5	-125.3	-3012.2	-7.5	78.6	-99.1	0.0247	0.0089	0.0038							
1023	332.8	-129.6	-2971.2	-3.5	79.7	-200.7	0.0247	0.0089	0.0038							
1024	328.4	-143.5	-2912.6	9.5	79.2	-293.5	0.0247	0.0089	0.0038							
1025	-584.1	-1404.6	-2859.2	80.1	146.9	-2613.0	0.0331	0.0462	0.0055	17.56	12.57	106.53	0.00	-1.16	-5.43	0.0
1026	-543.7	-1334.0	-2742.9	46.9	164.3	-2487.9	0.0331	0.0462	0.0055	16.64	11.92	100.98	0.00	-1.09	-5.18	0.0
1027	-518.6	-1242.8	-2635.1	25.1	163.0	-2326.4	0.0331	0.0462	0.0055	14.97	10.72	90.81	0.00	-1.01	-4.87	0.0
1028	-546.8	-1129.1	-2587.2	-26.8	101.1	-2081.2	0.0331	0.0462	0.0055	10.70	7.66	64.94	0.00	-0.91	-4.42	0.0
1029	-716.9	-982.0	-2742.3	28.8	-294.0	-1573.6	0.0331	0.0462	0.0055				-0.02	-0.74	-3.68	
1030	-1299.2	-1328.0	-6176.1	-66.9	-1862.8	-883.1	0.0331	0.0462	0.0055				-0.59	-1.27	-6.94	
1031	-1087.3	-1503.1	-8812.0	176.8	1089.9	-185.2	0.0331	0.0462	0.0055				-0.90	-1.53	-8.97	
1032	-3574.2	-1433.7	-5255.1	-425.1	3642.9	316.3	0.0331	0.0462	0.0055				-0.65	-1.42	-8.19	
1033	-1934.5	-892.2	-2871.8	-285.0	510.4	-150.7	0.0331	0.0462	0.0057				-0.78	-1.82	-3.10	
1034	-1368.1	-891.1	-3194.0	-186.7	704.4	-191.2	0.0331	0.0462	0.0057				-0.74	-1.27	-3.44	
1035	-729.8	-571.7	-1447.7	-145.0	1192.1	-37.4	0.0331	0.0462	0.0057	5.49	3.93	32.12	0.00	-0.78	-2.52	0.0
1036	-67.2	-292.1	-280.2	-108.1	267.5	-23.2	0.0331	0.0462	0.0140	4.19	3.00	9.94	0.00	-0.44	-0.61	0.0
1037	123.1	-211.9	-137.2	-76.1	47.3	5.8	0.0331	0.0462	0.0140	4.43	3.17	10.51	0.00	-0.29	-0.38	0.0
1038	162.3	-180.4	-77.2	-48.9	-68.4	8.7	0.0331	0.0462	0.0140	5.66	4.05	13.40	0.00	-0.28	-0.37	0.0
1039	128.4	-169.2	-31.6	-26.4	-103.1	16.1	0.0331	0.0462	0.0140	5.49	3.93	13.01	0.00	-0.26	-0.35	0.0
1040	53.9	-159.3	59.1	11.6	-97.9	44.6	0.0331	0.0462	0.0140	4.72	3.38	11.20	0.00	-0.19	-0.33	0.0
1041	-1586.9	-2845.2	-7692.8	150.5	313.5	-4991.0	0.0331	0.0462	0.0055	8.47	6.06	51.38	0.00	-1.86	-11.11	0.0
1042	-1498.3	-2719.9	-7369.0	113.1	333.2	-4768.3	0.0331	0.0462	0.0055	7.98	5.71	48.40	0.00	-1.75	-10.63	0.0
1043	-1418.5	-2550.0	-7027.1	96.2	340.6	-4502.6	0.0331	0.0462	0.0055	7.42	5.31	45.01	0.00	-1.66	-10.08	0.0
1044	-1364.7	-2314.2	-6676.2	82.2	323.6	-4143.1	0.0331	0.0462	0.0055	5.83	4.17	35.37	0.00	-1.55	-9.38	0.0
1045	-1328.2	-2015.1	-6318.7	90.9	251.0	-3526.4	0.0331	0.0462	0.0055				-0.03	-1.32	-8.31	
1046	-1383.4	-1666.0	-7427.3	120.6	-519.9	-1764.4	0.0331	0.0462	0.0055				-0.99	-1.53	-7.96	
1047	-1200.7	-1439.9	-8774.3	187.1	1158.9	-162.6	0.0331	0.0462	0.0055				-0.97	-1.49	-8.95	
1048	-3656.8	-1450.2	-5383.4	-487.8	3723.9	401.2	0.0331	0.0462	0.0055				-0.67	-1.42	-8.40	
1049	-1963.0	-912.8	-2925.7	-315.4	551.1	166.5	0.0331	0.0462	0.0057				-0.83	-1.77	-3.21	
1050	-1372.9	-909.4	-3175.4	-218.1	703.6	306.7	0.0331	0.0462	0.0057				-0.82	-1.17	-3.47	
1051	-751.4	-590.2	-1480.1	-152.8	1176.2	245.2	0.0331	0.0462	0.0057	3.51	2.52	20.55	0.00	-0.66	-2.51	0.0
1052	-91.5	-306.6	-319.1	-85.5	307.4	19.9	0.0331	0.0462	0.0140	3.94	2.82	9.35	0.00	-0.43	-0.68	0.0
1053	120.7	-222.9	-145.7	-57.4	55.8	9.2	0.0331	0.0462	0.0140	4.23	3.03	10.04	0.00	-0.29	-0.38	0.0
1054	164.3	-186.3	-81.2	-35.0	-66.9	7.8	0.0331	0.0462	0.0140	5.58	4.00	13.23	0.00	-0.28	-0.37	0.0
1055	130.2	-171.8	-32.9	-16.3	-104.7	14.7	0.0331	0.0462	0.0140	5.52	3.95	13.08	0.00	-0.27	-0.36	0.0
1056	54.5	-160.2	59.4	18.7	-102.3	46.0	0.0331	0.0462	0.0140	4.85	3.47	11.50	0.00	-0.19	-0.34	0.0
1057	-927.2	-1039.2	-4840.0	118.0	274.9	-2208.8	0.0247	0.0357	0.0055							
1058	-897.2	-1024.9	-4682.0	165.1	224.4	-2088.4	0.0247	0.0357	0.0055							
1059	-902.6	-1020.2	-4598.1	250.5	136.4	-1918.1	0.0247	0.0357	0.0055							
1060	-934.3	-1015.8	-4683.8	373.7	-153.8	-1650.5	0.0247	0.0357	0.0055							
1061	-902.4	-1047.1	-5270.9	501.9	-459.4	-1242.0	0.0247	0.0357	0.0055							
1062	-345.9	-919.4	-5748.6	577.8	86.5	-669.3	0.0247	0.0357	0.0055							
1063	-139.8	-773.0	-5545.8	345.9	802.5	-217.9	0.0247	0.0357	0.0055							
1064	-294.0	-662.1	-4869.5	212.9	1374.6	58.1	0.0247	0.0357	0.0057							
1065	-1015.5	-553.9	-3666.0	-63.1	1747.6	115.6	0.0247	0.0357	0.0057							
1066	-786.5	-252.4	-2287.7	-81.6	1469.6	53.6	0.0247	0.0357	0.0057							
1067	-785.4	-164.4	-1428.3	-48.0	1132.1	26.4	0.0247	0.0357	0.0057							
1068	-730.3	-158.7	-808.7	-45.0	780.3	42.8	0.0089	0.0357	0.0140							
1069	-473.0	-114.5	-431.1	-35.2	407.1	47.7	0.0089	0.0357	0.0140							
1070	-265.3	-82.3	-243.7	-22.2	176.9	51.7	0.0089	0.0357	0.0140							
1071	-112.6	-53.4	-85.7	12.2	36.3	60.3	0.0089	0.0357	0.0140							
1072	-11.2	-25.6	137.5	-7.0	-69.5	76.0	0.0092	0.0459	0.0244	20.59	4.14	7.78	0.00	-0.21	-0.26	0.0
1073	-901.7	109.2	-5922.6	86.5	330.0	-1546.5	0.0247	0.0357	0.0055							
1074	-845.9	47.2	-5710.8	122.1	295.1	-1473.5	0.0247	0.0357	0.0055							
1075	-814.2	-34.9	-5555.3	217.7	253.0	-1358.7	0.0247	0.0357	0.0055							
1076	-810.8	-126.5	-5526.2	350.4	168.1	-1157.8	0.0247	0.0357	0.0055							
1077	-764.1	-288.1	-5801.6	490.7	-104.7	-806.4	0.0247	0.0357	0.0055							
1078	-456.3	-541.3	-6090.3	561.8	313.0	-460.1	0.0247	0.0357	0.0055							
1079	-289.4	-682.2	-5723.2	356.4	1002.6	-189.7	0.0247	0.0357	0.0055							
1080	-356.2	-585.3	-4904.8	229.4	1434.4	96.2	0.0247	0.0357	0.0057							
1081	-1062.3	-503.7	-3705.3	79.3	1756.5	179.6	0.0247	0.0357	0.0057							
1082	-810.5	-253.1	-2369.8	-74.2	1464.0	139.7	0.0247	0.0357	0.0057							
1083	-790.2	-173.6	-1506.1	-92.6	1155.4	110.7	0.0247	0.0357	0.0057							
1084	-739.3	-150.0	-852.9	-77.8	805.1	94.4	0.0089	0.0357	0.0140							
1085	-488.7	-107.4	-454.1	-47.8	425.8	68.8	0.0089	0.0357	0.0140							
1086	-275.6	-76.4	-254.5	-24.8	186.2	61.6	0.0089	0.0357	0.0140							
1087	-118.2	-48.5	-90.6	13.5	40.1	66.2	0.0089	0.0357	0.0140							
1088	-12.4	-23.0	136.4	-5.6	-72.2	80.0	0.0094	0.0458	0.0244	20.56	4.22	7.90	0.00	-0.22	-0.26	0.0
1089	-661.5	-643.0	-4760.5	62.2	327.3	-745.5	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1090	-624.8	-636.3	-4648.5	123.3	263.2	-684.7	0.0247	0.0179	0.0055							
1091	-564.7	-630.5	-4640.7	198.6	206.2	-584.3	0.0247	0.0179	0.0055							
1092	-449.4	-618.0	-4769.3	276.0	185.1	-439.7	0.0247	0.0179	0.0055							
1093	-220.3	-580.6	-4953.0	329.5	351.6	-274.7	0.0247	0.0179	0.0055							
1094	-5.1	-516.9	-4940.2	323.1	543.6	-179.6	0.0247	0.0179	0.0055							
1095	-10.4	-451.3	-4624.4	297.5	852.6	-93.6	0.0247	0.0179	0.0055							
1096	-223.3	-383.2	-4004.6	198.1	1065.3	18.0	0.0247	0.0179	0.0057							
1097	-318.6	-273.3	-3116.2	128.6	1304.5	69.3	0.0247	0.0179	0.0057							
1098	-553.7	-227.2	-2303.5	68.2	1331.6	102.7	0.0247	0.0179	0.0057							
1099	-577.0	-154.8	-1604.8	33.1	1143.3	107.5	0.0089	0.0179	0.0140							
1100	-513.8	-90.0	-1096.8	21.9	903.8	101.8	0.0089	0.0179	0.0140							
1101	-422.1	-51.9	-728.0	-19.7	664.8	97.7	0.0089	0.0179	0.0140							
1102	-286.7	-19.0	-450.0	-14.7	445.2	93.0	0.0089	0.0179	0.0140							
1103	-152.2	8.6	-213.4	-11.8	260.6	86.5	0.0089	0.0179	0.0140							
1104	-36.4	31.8	35.5	-13.7	81.9	72.8	0.0092	0.0281	0.0244	13.51	4.44	5.09	0.00	-0.11	-0.24	0.0
1105	-683.7	-487.0	-5333.8	56.1	353.7	-782.7	0.0247	0.0179	0.0055							
1106	-637.0	-493.5	-5208.2	115.2	305.7	-734.1	0.0247	0.0179	0.0055							
1107	-565.2	-504.8	-5164.5	195.7	281.4	-644.9	0.0247	0.0179	0.0055							
1108	-450.7	-508.5	-5204.7	279.2	290.1	-495.2	0.0247	0.0179	0.0055							
1109	-250.3	-496.0	-5280.7	335.5	423.8	-338.4	0.0247	0.0179	0.0055							
1110	-31.3	-425.7	-5169.4	336.0	615.0	-180.9	0.0247	0.0179	0.0055							
1111	-60.0	-365.5	-4774.6	296.6	893.9	-47.9	0.0247	0.0179	0.0055							
1112	-280.8	-334.9	-4086.8	198.5	1101.7	58.6	0.0247	0.0179	0.0057							
1113	-350.8	-243.8	-3173.1	119.0	1320.7	122.2	0.0247	0.0179	0.0057							
1114	-568.0	-195.0	-2347.0	56.6	1345.4	144.2	0.0247	0.0179	0.0057							
1115	-585.3	-128.2	-1641.8	29.0	1154.1	141.3	0.0089	0.0179	0.0140							
1116	-520.4	-76.3	-1129.3	-28.9	915.6	132.6	0.0089	0.0179	0.0140							
1117	-427.5	-42.2	-752.4	-26.9	676.3	121.9	0.0089	0.0179	0.0140							
1118	-291.8	-12.2	-467.0	-18.9	454.4	109.8	0.0089	0.0179	0.0140							
1119	-155.5	13.5	-224.9	-13.4	266.7	97.3	0.0089	0.0179	0.0140							
1120	-37.1	33.9	26.0	-14.9	85.3	76.6	0.0094	0.0279	0.0244	13.26	4.45	5.08	0.00	-0.11	-0.24	0.0
1121	-317.9	-614.3	-4630.0	28.3	354.1	-183.0	0.0247	0.0179	0.0055							
1122	-292.1	-595.4	-4504.5	77.2	359.8	-145.3	0.0247	0.0179	0.0055							
1123	-228.6	-569.7	-4440.4	123.2	391.3	-85.2	0.0247	0.0179	0.0055							
1124	-134.9	-532.8	-4401.9	162.9	487.7	43.9	0.0247	0.0179	0.0055							
1125	-58.7	-484.5	-4326.0	191.5	656.1	85.1	0.0247	0.0179	0.0055							
1126	-35.1	-472.5	-4717.0	210.9	1155.4	164.0	0.0247	0.0179	0.0055							
1127	11.1	-385.3	-4505.4	187.9	456.1	94.0	0.0247	0.0179	0.0055							
1128	-88.6	-225.1	-3257.6	137.5	964.9	63.1	0.0247	0.0179	0.0057							
1129	-189.3	-174.1	-2698.0	91.9	1153.9	104.1	0.0247	0.0179	0.0057							
1130	-249.7	-120.9	-2153.9	60.1	1185.8	124.8	0.0247	0.0179	0.0057							
1131	-306.8	-83.8	-1662.0	36.0	1115.7	134.7	0.0089	0.0179	0.0140							
1132	-313.6	-53.8	-1239.0	19.6	970.1	134.4	0.0089	0.0179	0.0140							
1133	-274.7	-26.8	-895.7	-16.6	794.6	127.1	0.0089	0.0179	0.0140							
1134	-212.8	-5.4	-616.7	-17.5	609.9	114.9	0.0089	0.0179	0.0140							
1135	-136.5	12.7	-385.3	-17.2	415.0	96.4	0.0089	0.0179	0.0140							
1136	-49.8	27.1	-197.2	-15.4	199.8	68.5	0.0092	0.0281	0.0244	10.92	3.58	4.11	0.00	-0.07	-0.45	0.0
1137	-373.3	-465.7	-5401.9	25.3	365.5	178.0	0.0247	0.0179	0.0055							
1138	-347.8	-453.0	-5261.1	79.3	389.8	206.1	0.0247	0.0179	0.0055							
1139	-286.4	-437.0	-5171.1	128.8	431.0	260.5	0.0247	0.0179	0.0055							
1140	-198.8	-419.1	-5097.6	172.0	529.2	322.8	0.0247	0.0179	0.0055							
1141	-117.8	-391.9	-4988.0	209.2	688.1	401.7	0.0247	0.0179	0.0055							
1142	-81.9	-397.5	-5106.1	248.9	1018.9	186.4	0.0247	0.0179	0.0055							
1143	-28.1	-328.7	-4580.4	193.5	468.0	-80.4	0.0247	0.0179	0.0055							
1144	-110.9	-185.5	-3318.9	131.1	978.3	105.7	0.0247	0.0179	0.0057							
1145	-207.1	-144.9	-2739.2	90.4	1168.1	142.0	0.0247	0.0179	0.0057							
1146	-262.0	-103.0	-2188.1	55.8	1195.8	166.8	0.0247	0.0179	0.0057							
1147	-314.2	-71.9	-1692.3	29.1	1123.6	172.9	0.0089	0.0179	0.0140							
1148	-317.6	-43.9	-1265.9	-19.7	977.2	166.1	0.0089	0.0179	0.0140							
1149	-277.5	-19.8	-919.7	-23.1	801.3	153.1	0.0089	0.0179	0.0140							
1150	-214.8	-0.5	-638.0	-22.9	616.1	135.0	0.0089	0.0179	0.0140							
1151	-137.8	16.1	-404.6	-21.0	420.5	109.8	0.0089	0.0179	0.0140							
1152	-50.4	28.6	-215.9	-17.6	205.2	73.6	0.0093	0.0279	0.0244	10.68	3.57	4.08	0.00	-0.07	-0.47	0.0
1153	81.0	-257.1	-3949.2	7.9	340.0	218.3	0.0247	0.0179	0.0055							
1154	84.3	-243.1	-3803.7	37.6	419.8	227.1	0.0247	0.0179	0.0055							
1155	111.2	-221.5	-3673.3	59.9	511.3	248.3	0.0247	0.0179	0.0055							
1156	146.4	-194.8	-3529.8	69.8	629.5	275.4	0.0247	0.0179	0.0055							
1157	178.7	-171.0	-3359.2	66.8	791.1	267.4	0.0247	0.0179	0.0055							
1158	160.5	-79.9	-2451.5	48.3	1179.8	284.0	0.0247	0.0179	0.0055							
1159	210.0	-88.0	-2414.6	56.3	420.9	169.8	0.0247	0.0179	0.0055							
1160	123.1	-139.5	-2731.0	61.4	922.3	117.1	0.0247	0.0179	0.0057							
1161	44.0	-114.0	-2387.6	50.9	1066.6	139.8	0.0247	0.0179	0.0057							
1162	-37.0	-92.3	-2010.1	36.0	1106.0	150.4	0.0247	0.0179	0.0057							
1163	-93.2	-72.3	-1634.2	22.5	1070.1	154.4	0.0089	0.0179	0.0140							
1164	-127.9	-55.8	-1289.2	-18.2	983.4	150.9	0.0089	0.0179	0.0140							
1165	-140.5	-42.3	-987.5	-24.0	857.7	141.3	0.0089	0.0179	0.0140							
1166	-132.9	-30.1	-738.6	-26.0	699.9	125.9	0.0089	0.0179	0.0140							
1167	-104.0	-18.7	-550.1	-23.9	514.1	104.0	0.0089	0.0179	0.0140							
1168	-57.7	-6.9	-435.7	-17.5	298.9	74.9	0.0092	0.0281	0.0244	12.07	3.95	4.54	0.00	-0.11	-0.72	0.0
1169	171.2	-216.2	-3560.0	-10.3	342.1	499.1	0.0247	0.0179	0.0055							
1170	170.1	-203.8	-3406.6	39.7	434.0	507.7	0.0247	0.0179	0.0055							
1171	190.8	-185.8	-3264.2	64.3	528.7	533.3	0.0247	0.0179	0.0055							
1172	218.1	-160.6	-3110.8	76.5	645.7	559.7	0.0247	0.0179	0.0055							
1173	232.1	-133.1	-2919.5	62.6	784.4	584.7	0.0247	0.0179	0.0055							
1174	199.0	-53.3	-2285.0	36.0	1015.3	298.9	0.0247	0.0179	0.0055							
1175	215.2	-68.2	-2460.2	72.6	422.5	39.7	0.0247	0.0179	0.0055							
1176	119.9	-123.0	-2762.6	67.7	925.3	163.6	0.0247	0.0179	0.0057							
1177	38.5	-100.1	-2419.1	51.8	1073.0	176.6	0.0247	0.0179	0.0057							
1178	-42.1	-80.9	-2038.7	34.0	1111.5	189.0	0.0247	0.0179	0.0057							
1179	-97.3	-63.5	-1661.4	19.4	1074.5	189.9	0.0089	0.0179	0.0140							
1180	-131.0	-49.6	-1315.8	-26.8	987.3	182.7	0.0089	0.0179	0.0140							
1181	-142.7	-37.8	-1013.9	-32.4	861.4	168.3	0.0089	0.0179	0.0140							
1182	-134.1	-26.8	-765.2	-33.4	703.7	147.6	0.0089	0.0179	0.0140							
1183	-104.6	-16.2	-576.9	-29.5	518.7	119.7	0.0089	0.0179	0.0140							
1184	-58.0	-5.0	-462.3	-20.5	305.0	83.3	0.0093	0.0280	0.0244	11.81	3.94	4.50	0.00	-0.11	-0.75	0.0
1185	274.1	-144.0	-3524.6	-16.8	299.8	280.0	0.0247	0.0179	0.0055							
1186	264.0	-135.7	-3380.2	13.3	420.9	279.1	0.0247	0.0179	0.0055							
1187	262.6	-123.1	-3224.9	20.5	537.9	283.8	0.0247	0.0179	0.0055							
1188	261.9	-109.0	-3046.7	18.0	656.9	284.8	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1189	249.9	-91.2	-2781.1	-19.5	781.1	272.5	0.0247	0.0179	0.0055							
1190	152.9	-124.6	-2610.3	-36.1	750.6	216.0	0.0247	0.0179	0.0055							
1191	161.3	-135.3	-2484.8	-28.6	800.0	173.6	0.0247	0.0179	0.0055							
1192	244.8	-107.8	-2345.5	17.8	844.9	165.4	0.0247	0.0179	0.0057							
1193	191.9	-105.9	-2162.4	20.8	964.8	165.2	0.0247	0.0179	0.0057							
1194	134.0	-98.4	-1885.2	-15.6	1015.4	167.6	0.0089	0.0179	0.0140							
1195	81.5	-91.8	-1590.5	-23.4	1013.2	165.9	0.0089	0.0179	0.0140							
1196	39.2	-85.1	-1303.0	-30.7	969.2	159.4	0.0089	0.0179	0.0140							
1197	3.3	-76.8	-1038.5	-36.2	890.5	148.5	0.0089	0.0179	0.0140							
1198	-31.5	-67.1	-812.2	-38.5	774.7	134.2	0.0089	0.0179	0.0140							
1199	-62.7	-57.6	-658.1	-35.2	603.2	117.7	0.0089	0.0179	0.0140							
1200	-38.0	-43.0	-602.5	-22.0	396.0	95.6	0.0092	0.0281	0.0244	18.42	6.01	6.91	0.00	-0.20	-0.99	0.0
1201	284.8	-207.7	-3479.7	-20.3	299.9	267.2	0.0247	0.0179	0.0055							
1202	270.4	-198.2	-3334.6	14.1	424.6	267.1	0.0247	0.0179	0.0055							
1203	263.6	-185.7	-3174.6	21.6	543.1	273.2	0.0247	0.0179	0.0055							
1204	255.8	-170.5	-2990.9	19.0	655.7	278.2	0.0247	0.0179	0.0055							
1205	231.5	-149.5	-2753.6	-27.7	757.3	253.1	0.0247	0.0179	0.0055							
1206	151.7	-153.7	-2602.1	-52.1	735.6	230.8	0.0247	0.0179	0.0055							
1207	176.1	-134.0	-2490.5	-26.3	782.5	216.9	0.0247	0.0179	0.0055							
1208	247.3	-103.5	-2367.9	24.5	842.4	194.7	0.0247	0.0179	0.0057							
1209	190.6	-100.1	-2186.4	21.5	965.3	202.9	0.0247	0.0179	0.0057							
1210	130.6	-93.1	-1910.2	-23.7	1016.9	204.4	0.0247	0.0179	0.0057							
1211	77.5	-87.5	-1616.3	-33.0	1014.7	200.3	0.0089	0.0179	0.0140							
1212	35.2	-81.7	-1330.2	-40.9	970.8	190.3	0.0089	0.0179	0.0140							
1213	-0.3	-74.5	-1067.7	-46.4	892.4	175.7	0.0089	0.0179	0.0140							
1214	-33.9	-65.1	-844.3	-48.1	777.2	157.6	0.0089	0.0179	0.0140							
1215	-63.2	-55.1	-692.6	-43.1	606.9	137.3	0.0089	0.0179	0.0140							
1216	-38.2	-39.7	-637.1	-26.3	402.3	110.2	0.0093	0.0280	0.0244	17.99	5.98	6.85	0.00	-0.20	-1.02	0.0
1217	328.5	-149.6	-3255.0	-19.9	252.7	233.2	0.0247	0.0089	0.0055							
1218	318.1	-146.6	-3126.1	-16.5	384.2	228.2	0.0247	0.0089	0.0055							
1219	307.0	-142.1	-2978.8	-17.0	501.9	224.4	0.0247	0.0089	0.0055							
1220	291.9	-137.4	-2809.9	-21.1	603.9	218.3	0.0247	0.0089	0.0055							
1221	264.4	-137.9	-2646.3	-26.5	668.9	206.7	0.0247	0.0089	0.0055							
1222	271.9	-128.2	-2490.2	-27.4	727.9	198.3	0.0247	0.0089	0.0055							
1223	280.2	-122.7	-2339.0	-26.3	783.6	191.2	0.0247	0.0089	0.0057							
1224	274.2	-127.1	-2179.5	-26.6	841.4	183.6	0.0247	0.0089	0.0057							
1225	279.6	-125.5	-1996.2	-27.2	889.7	179.8	0.0247	0.0089	0.0057							
1226	263.5	-126.0	-1787.7	-30.5	928.1	176.6	0.0089	0.0089	0.0140							
1227	245.0	-123.5	-1557.4	-35.3	939.1	171.4	0.0089	0.0089	0.0140							
1228	229.2	-115.7	-1322.8	-40.6	925.9	163.1	0.0202	0.0089	0.0140							
1229	212.9	-102.5	-1092.3	-45.6	895.2	152.1	0.0202	0.0089	0.0140							
1230	182.7	-86.3	-869.3	-49.8	851.6	139.9	0.0202	0.0089	0.0140							
1231	107.0	-71.1	-660.8	-51.1	784.2	131.6	0.0202	0.0089	0.0140							
1232	-77.8	-77.4	-627.0	-39.7	519.9	135.5	0.0092	0.0192	0.0244	26.17	12.50	9.81	0.00	-0.30	-1.20	0.0
1233	333.6	-149.2	-3255.1	-24.7	250.7	275.4	0.0247	0.0089	0.0055							
1234	321.5	-145.7	-3124.8	-21.2	383.9	270.8	0.0247	0.0089	0.0055							
1235	307.6	-140.9	-2977.1	-22.8	500.1	266.9	0.0247	0.0089	0.0055							
1236	289.8	-136.3	-2812.6	-28.1	599.1	258.8	0.0247	0.0089	0.0055							
1237	265.7	-133.9	-2651.5	-32.8	664.9	249.8	0.0247	0.0089	0.0055							
1238	271.3	-126.6	-2499.1	-30.4	723.4	239.2	0.0247	0.0089	0.0055							
1239	276.8	-125.0	-2352.7	-36.0	780.2	228.4	0.0247	0.0089	0.0057							
1240	272.5	-126.6	-2196.5	-36.2	838.6	222.2	0.0247	0.0089	0.0057							
1241	276.0	-124.1	-2016.4	-36.6	888.8	216.6	0.0247	0.0089	0.0057							
1242	258.7	-124.3	-1810.0	-41.0	928.0	211.9	0.0089	0.0089	0.0140							
1243	239.3	-122.4	-1582.0	-46.4	939.6	204.2	0.0089	0.0089	0.0140							
1244	222.8	-115.6	-1349.8	-51.9	927.1	193.1	0.0202	0.0089	0.0140							
1245	206.1	-102.8	-1122.4	-57.0	897.3	179.2	0.0202	0.0089	0.0140							
1246	175.9	-86.6	-903.7	-61.1	854.6	164.9	0.0202	0.0089	0.0140							
1247	101.7	-71.1	-702.2	-62.3	787.7	156.4	0.0202	0.0089	0.0140							
1248	-76.6	-73.5	-672.2	-47.7	525.5	161.0	0.0093	0.0191	0.0244	25.33	12.33	9.62	0.00	-0.29	-1.24	0.0
1249	339.4	-136.1	-2958.6	-19.6	211.8	231.3	0.0247	0.0089	0.0038							
1250	336.8	-136.0	-2852.4	-20.8	336.7	224.6	0.0247	0.0089	0.0038							
1251	331.2	-136.0	-2729.1	-23.1	445.6	218.4	0.0247	0.0089	0.0038							
1252	324.6	-137.2	-2596.7	-26.2	535.5	211.9	0.0247	0.0089	0.0038							
1253	325.6	-138.5	-2459.3	-28.8	611.1	205.5	0.0247	0.0089	0.0038							
1254	328.2	-143.0	-2320.3	-31.2	673.9	198.8	0.0247	0.0089	0.0038							
1255	337.2	-147.8	-2180.2	-33.3	726.6	192.7	0.0247	0.0089	0.0057							
1256	351.5	-151.0	-2035.4	-34.9	772.1	188.2	0.0247	0.0089	0.0057							
1257	363.6	-155.1	-1882.1	-36.9	807.4	184.0	0.0247	0.0089	0.0057							
1258	381.5	-155.8	-1717.1	-39.0	828.0	179.1	0.0089	0.0089	0.0140							
1259	406.2	-149.9	-1541.4	-41.0	833.6	172.7	0.0202	0.0089	0.0140							
1260	444.8	-134.9	-1359.7	-43.2	825.5	164.1	0.0202	0.0089	0.0140							
1261	503.8	-111.2	-1176.0	-46.5	811.3	153.3	0.0202	0.0089	0.0140							
1262	586.7	-78.9	-982.9	-52.0	809.5	140.8	0.0202	0.0089	0.0140							
1263	689.1	-34.5	-746.9	-60.3	862.1	132.0	0.0202	0.0089	0.0140							
1264	752.3	38.8	-274.1	-75.3	1138.9	171.5	0.0205	0.0260	0.0244	72.76	57.19	60.93	0.00	-1.42	-2.53	0.0
1265	338.7	-141.2	-2962.7	-24.3	209.2	279.5	0.0247	0.0089	0.0038							
1266	335.4	-141.4	-2857.7	-26.6	334.2	271.4	0.0247	0.0089	0.0038							
1267	328.8	-141.3	-2735.6	-29.9	443.0	264.1	0.0247	0.0089	0.0038							
1268	322.0	-141.8	-2604.3	-34.1	532.6	256.8	0.0247	0.0089	0.0038							
1269	321.8	-143.3	-2469.4	-38.1	607.8	248.2	0.0247	0.0089	0.0038							
1270	324.4	-146.7	-2333.4	-42.3	670.9	239.5	0.0247	0.0089	0.0038							
1271	333.3	-149.6	-2195.3	-43.6	724.6	232.1	0.0247	0.0089	0.0057							
1272	346.4	-152.4	-2052.1	-45.9	771.0	225.9	0.0247	0.0089	0.0057							
1273	358.0	-156.1	-1900.4	-48.6	806.8	219.9	0.0247	0.0089	0.0057							
1274	375.2	-157.1	-1737.6	-50.8	828.0	212.9	0.0089	0.0089	0.0140							
1275	399.2	-152.0	-1564.7	-52.7	834.3	204.2	0.0202	0.0089	0.0140							
1276	437.0	-137.5	-1386.1	-54.2	827.0	193.3	0.0202	0.0089	0.0140							
1277	494.7	-113.7	-1205.7	-56.5	813.6	180.4	0.0202	0.0089	0.0140							
1278	575.9	-81.6	-1016.4	-60.9	812.5	166.7	0.0202	0.0089	0.0140							
1279	675.6	-39.6	-784.8	-68.0	865.7	159.3	0.0202	0.0089	0.0140							
1280	736.8	26.9	-332.2	-84.1	1143.5	207.5	0.0206	0.0259	0.0244	71.23	56.55	59.98	0.00	-1.40	-2.57	0.0
1281	56.9	-124.6	58.3	-20.5	123.4	30.7	0.0331	0.0462	0.0022	5.47	3.92	81.09	0.00	-0.23	-0.32	0.0
1282	114.7	-136.9	-80.2	-28.2	96.7	-21.9	0.0331	0.0462	0.0022	4.79	3.43	70.95	0.00	-0.27	-0.30	0.0
1283	88.6	-161.9	-142.8	-33.4	-10.9	-18.4	0.0331	0.0462	0.0022	2.82	2.02	41.73	0.00	-0.23	-0.27	0.0
1284	-76.9	-222.4	-224.4	42.2	-176.5	22.7	0.0331	0.0462	0.0022	1.29	0.92	19.04	0.00	-0.25	-0.40	0.0
1285	-490.2	-351.3	-427.3	83.0	-503.2	53.0	0.0331	0.0462	0.0022	1.40	1.00	20.73	0.00	-0.38	-1.02	0.0
1286	-1474.2	-712.5	-1663.8	151.4	-1524.5	45.8	0.0331	0.0462	0.0057				-0.03	-0.71	-3.10	
1287	-2644.2	-1171.6	-3590.5	228.3	-1379.6	-156.8	0.0331	0.0462	0.0057				-1.05	-1.78	-4.58	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1288	-4200.9	-1418.9	-3944.5	375.0	-1991.7	-47.3	0.0331	0.0462	0.0057				-1.30	-2.19	-6.08	
1289	-7822.6	-2800.2	-10341.7	591.5	-7642.3	646.3	0.0331	0.0462	0.0057				-1.34	-2.75	-16.88	
1290	-2031.9	-2738.4	-16506.5	-241.5	-1373.7	-227.6	0.0331	0.0462	0.0055				-1.85	-2.79	-16.64	
1291	-2339.0	-2132.5	-10341.3	133.4	3326.2	-1235.1	0.0331	0.0462	0.0055				-1.05	-2.07	-11.70	
1292	-1237.4	-1371.7	-4086.9	79.8	710.1	-2143.2	0.0331	0.0462	0.0055				-0.12	-1.20	-5.37	
1293	-858.1	-1451.4	-3467.0	152.0	208.4	-2695.8	0.0331	0.0462	0.0055	12.65	9.06	76.78	0.00	-1.26	-5.77	0.0
1294	-713.2	-1478.3	-3219.6	164.5	108.5	-2811.5	0.0331	0.0462	0.0055	18.06	12.93	109.60	0.00	-1.31	-5.90	0.0
1295	-653.4	-1475.8	-3086.0	150.2	104.0	-2792.9	0.0331	0.0462	0.0055	18.98	13.59	115.19	0.00	-1.28	-5.82	0.0
1296	-619.9	-1446.4	-2972.9	119.3	123.9	-2717.0	0.0331	0.0462	0.0055	18.52	13.26	112.37	0.00	-1.23	-5.65	0.0
1297	55.8	-126.8	58.6	-28.4	126.6	25.5	0.0331	0.0462	0.0022	5.55	3.98	82.29	0.00	-0.23	-0.33	0.0
1298	111.9	-138.9	-81.5	-41.5	96.9	-28.8	0.0331	0.0462	0.0022	4.84	3.47	71.71	0.00	-0.28	-0.31	0.0
1299	83.0	-164.6	-147.1	-49.9	-13.8	-24.2	0.0331	0.0462	0.0022	2.81	2.01	41.64	0.00	-0.22	-0.28	0.0
1300	-87.1	-226.3	-231.1	-50.1	-180.6	25.0	0.0331	0.0462	0.0022	1.41	1.01	20.88	0.00	-0.28	-0.40	0.0
1301	-507.9	-357.3	-449.5	58.6	-521.8	55.8	0.0331	0.0462	0.0022	1.33	0.95	19.67	0.00	-0.39	-1.06	0.0
1302	-1491.5	-723.5	-1695.1	147.9	-1531.3	297.8	0.0331	0.0462	0.0057				-0.04	-0.70	-3.17	
1303	-2657.0	-1185.5	-3607.3	252.2	-1400.3	388.6	0.0331	0.0462	0.0057				-1.12	-1.65	-4.67	
1304	-4229.4	-1437.6	-3988.2	422.4	-2041.9	325.7	0.0331	0.0462	0.0057				-1.37	-2.07	-6.21	
1305	-7887.9	-2809.9	-10409.6	700.3	-7716.6	807.0	0.0331	0.0462	0.0057				-1.33	-2.73	-17.05	
1306	-2175.1	-2633.4	-16349.3	-269.9	-1472.4	-182.9	0.0331	0.0462	0.0055				-1.93	-2.72	-16.50	
1307	-2319.7	-2623.8	-12175.6	-78.5	1362.2	-2568.4	0.0331	0.0462	0.0055				-1.65	-2.48	-12.98	
1308	-2026.1	-2843.1	-9215.2	140.2	356.9	-4955.9	0.0331	0.0462	0.0055				-0.14	-2.01	-11.94	
1309	-1892.5	-2995.9	-8866.5	227.1	258.3	-5407.9	0.0331	0.0462	0.0055	6.76	4.84	41.04	0.00	-2.11	-12.32	0.0
1310	-1785.9	-3057.1	-8565.8	238.9	245.9	-5449.0	0.0331	0.0462	0.0055	8.97	6.42	54.41	0.00	-2.07	-12.22	0.0
1311	-1714.7	-3029.2	-8284.1	234.1	264.1	-5347.6	0.0331	0.0462	0.0055	9.16	6.56	55.60	0.00	-2.01	-11.93	0.0
1312	-1658.5	-2946.4	-7996.3	201.6	290.8	-5185.8	0.0331	0.0462	0.0055	8.96	6.42	54.38	0.00	-1.94	-11.55	0.0
1313	-50.8	61.4	68.5	22.6	-14.9	65.7	0.0092	0.0459	0.0127	14.18	2.85	10.30	0.00	-0.12	-0.19	0.0
1314	-254.7	13.3	-263.9	29.0	-194.1	66.4	0.0089	0.0357	0.0022							
1315	-540.2	-38.8	-489.9	50.0	-443.5	77.7	0.0089	0.0357	0.0022							
1316	-908.3	-104.7	-758.6	78.2	-821.3	104.8	0.0089	0.0357	0.0022							
1317	-1346.1	-201.1	-1279.8	104.4	-1392.2	146.9	0.0089	0.0357	0.0022							
1318	-1611.8	-293.2	-2170.2	107.6	-2014.0	201.2	0.0247	0.0357	0.0057							
1319	-1828.2	-451.1	-3516.9	108.7	-2716.8	261.6	0.0247	0.0357	0.0057							
1320	-2066.3	-827.6	-5938.3	74.0	-3503.6	302.4	0.0247	0.0357	0.0057							
1321	-228.8	-925.8	-8251.5	-268.7	-2731.4	191.5	0.0247	0.0357	0.0057							
1322	-47.6	-1180.0	-9498.8	-455.3	-1339.6	-247.1	0.0247	0.0357	0.0055							
1323	-460.4	-1402.2	-9433.8	-757.9	412.6	-895.8	0.0247	0.0357	0.0055							
1324	-1365.4	-1507.5	-7920.4	-585.7	1242.9	-1658.3	0.0247	0.0357	0.0055							
1325	-1334.7	-1340.0	-6350.6	-349.6	803.0	-2112.0	0.0247	0.0357	0.0055							
1326	-1183.8	-1243.2	-5674.8	-142.6	526.2	-2314.6	0.0247	0.0357	0.0055							
1327	-1059.4	-1156.5	-5296.4	12.1	389.3	-2349.2	0.0247	0.0357	0.0055							
1328	-979.9	-1082.9	-5040.7	82.1	320.9	-2299.2	0.0247	0.0357	0.0055							
1329	-52.0	63.1	66.5	22.8	-19.6	57.5	0.0094	0.0458	0.0127	13.04	2.67	9.63	0.00	-0.10	-0.19	0.0
1330	-259.9	17.1	-269.2	28.9	-201.7	63.7	0.0089	0.0357	0.0022							
1331	-547.8	-35.1	-501.3	54.6	-454.6	81.9	0.0089	0.0357	0.0022							
1332	-917.6	-101.7	-779.0	91.1	-836.7	120.0	0.0089	0.0357	0.0022							
1333	-1351.2	-196.9	-1307.8	137.3	-1407.2	191.9	0.0089	0.0357	0.0022							
1334	-1617.2	-286.3	-2207.0	160.2	-2028.6	260.8	0.0247	0.0357	0.0057							
1335	-1846.6	-428.6	-3566.4	142.2	-2732.2	339.3	0.0247	0.0357	0.0057							
1336	-2099.1	-775.7	-5996.4	76.2	-3531.3	433.2	0.0247	0.0357	0.0057							
1337	-297.1	-834.9	-8305.6	-295.8	-2787.1	311.8	0.0247	0.0357	0.0057							
1338	-248.2	-1048.4	-9705.5	-484.0	-1596.8	-164.5	0.0247	0.0357	0.0055							
1339	-592.0	-857.3	-9845.1	-763.4	129.7	-567.9	0.0247	0.0357	0.0055							
1340	-1105.8	-454.2	-8579.2	-603.7	778.9	-1036.3	0.0247	0.0357	0.0055							
1341	-1123.6	-196.7	-7420.0	-353.9	602.5	-1468.8	0.0247	0.0357	0.0055							
1342	-1043.5	-66.2	-6820.0	-142.6	476.6	-1638.9	0.0247	0.0357	0.0055							
1343	-981.5	32.7	-6444.3	17.4	414.2	-1662.9	0.0247	0.0357	0.0055							
1344	-946.5	104.9	-6163.9	75.7	372.9	-1612.9	0.0247	0.0357	0.0055							
1345	-95.5	141.8	-264.1	38.4	-242.8	79.9	0.0092	0.0281	0.0127	17.09	5.61	12.39	0.00	-0.08	-0.61	0.0
1346	-303.2	100.6	-603.9	43.0	-544.1	115.2	0.0089	0.0179	0.0022							
1347	-537.8	53.7	-934.7	53.9	-849.8	143.7	0.0089	0.0179	0.0022							
1348	-772.0	-1.1	-1330.7	67.2	-1208.9	174.8	0.0089	0.0179	0.0022							
1349	-944.1	-65.3	-1876.8	74.6	-1611.2	210.8	0.0089	0.0179	0.0022							
1350	-1038.1	-155.4	-2661.5	69.9	-2027.1	248.4	0.0089	0.0179	0.0022							
1351	-945.9	-267.1	-3780.7	-40.1	-2361.6	278.2	0.0247	0.0179	0.0057							
1352	-468.1	-349.8	-5067.0	-131.9	-2292.5	265.1	0.0247	0.0179	0.0057							
1353	-256.0	-505.3	-6384.8	-232.9	-1872.2	199.0	0.0247	0.0179	0.0057							
1354	201.9	-584.6	-7256.7	-364.2	-1301.0	-83.2	0.0247	0.0179	0.0055							
1355	257.3	-658.9	-7526.8	-395.2	-521.6	-216.4	0.0247	0.0179	0.0055							
1356	-60.1	-713.8	-7168.6	-402.9	113.5	-357.3	0.0247	0.0179	0.0055							
1357	-444.9	-740.5	-6431.2	-317.8	494.9	-562.2	0.0247	0.0179	0.0055							
1358	-613.0	-721.4	-5748.1	-199.3	518.0	-709.4	0.0247	0.0179	0.0055							
1359	-669.5	-692.6	-5282.8	-90.0	462.4	-775.6	0.0247	0.0179	0.0055							
1360	-678.5	-662.1	-4967.1	-10.9	394.7	-778.4	0.0247	0.0179	0.0055							
1361	-95.7	143.5	-275.8	42.2	-252.2	70.6	0.0094	0.0279	0.0127	16.56	5.55	12.20	0.00	-0.07	-0.62	0.0
1362	-304.5	104.4	-616.3	48.6	-554.0	118.3	0.0089	0.0179	0.0022							
1363	-538.7	58.6	-951.4	63.7	-860.9	157.6	0.0089	0.0179	0.0022							
1364	-771.2	6.2	-1353.8	82.2	-1219.7	201.1	0.0089	0.0179	0.0022							
1365	-943.2	-55.1	-1907.7	92.0	-1620.3	248.7	0.0089	0.0179	0.0022							
1366	-1039.4	-137.6	-2696.6	86.9	-2032.1	302.4	0.0089	0.0179	0.0022							
1367	-954.4	-237.3	-3814.3	51.1	-2364.9	349.9	0.0247	0.0179	0.0057							
1368	-496.5	-301.4	-5100.9	-112.8	-2302.2	345.9	0.0247	0.0179	0.0057							
1369	-317.0	-430.4	-6448.1	-224.6	-1916.4	275.6	0.0247	0.0179	0.0057							
1370	152.5	-468.9	-7399.8	-365.6	-1355.7	159.9	0.0247	0.0179	0.0055							
1371	233.4	-559.5	-7760.7	-412.0	-614.1	-185.4	0.0247	0.0179	0.0055							
1372	-98.3	-644.2	-7520.2	-415.9	28.1	-407.0	0.0247	0.0179	0.0055							
1373	-428.1	-636.1	-6908.3	-330.9	374.8	-607.6	0.0247	0.0179	0.0055							
1374	-593.5	-598.3	-6329.2	-204.9	452.2	-766.6	0.0247	0.0179	0.0055							
1375	-668.2	-550.3	-5885.9	-89.1	449.2	-823.9	0.0247	0.0179	0.0055							
1376	-696.1	-506.1	-5556.3	-11.2	407.3	-815.4	0.0247	0.0179	0.0055							
1377	-124.6	130.1	-795.3	41.8	-416.3	93.3	0.0092	0.0281	0.0127	15.16	4.97	10.97	0.00	-0.06	-1.14	0.0
1378	-278.3	104.8	-1023.4	49.7	-738.6	139.6	0.0089	0.0179	0.0022							
1379	-414.4	75.0	-1324.0	54.9	-1035.6	177.8	0.0089	0.0179	0.0022							
1380	-521.4	40.5	-1701.7	58.0	-1323.3	211.3	0.0089	0.0179	0.0022							
1381	-577.6	-1.0	-2184.9	55.3	-1599.2	242.0	0.0089	0.0179	0.0022							
1382	-543.8	-48.8	-2799.8	40.3	-1825.5	267.1	0.0089	0.0179	0.0022							
1383	-403.5	-102.7	-3523.5	-40.7	-1922.4	278.1	0.0247	0.0179	0.0057							
1384	-238.2	-174.9	-4316.2	-85.8	-1847.0	270.5	0.0247	0.0179	0.0057							
1385	13.0	-243.1	-5085.5	-152.2	-1512.6	230.0	0.0247	0.0179	0.0057							
1386	205.1	-424.5	-6441.8	-221.0	-771.6	245.4	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1387	212.9	-528.6	-6615.4	-258.3	-1202.1	283.4	0.0247	0.0179	0.0055							
1388	177.5	-553.0	-6037.3	-240.1	-440.4	166.0	0.0247	0.0179	0.0055							
1389	44.5	-599.6	-5799.3	-205.9	-64.5	90.9	0.0247	0.0179	0.0055							
1390	-123.1	-625.8	-5451.1	-153.5	215.9	-124.7	0.0247	0.0179	0.0055							
1391	-240.5	-631.9	-5107.2	-94.4	315.8	-176.4	0.0247	0.0179	0.0055							
1392	-302.8	-626.9	-4829.7	-37.7	348.8	-194.7	0.0247	0.0179	0.0055							
1393	-124.6	131.4	-815.7	46.2	-426.8	86.4	0.0093	0.0279	0.0127	14.99	5.01	11.02	0.00	-0.06	-1.17	0.0
1394	-277.5	106.8	-1042.6	57.3	-747.0	146.1	0.0089	0.0179	0.0022							
1395	-412.3	77.8	-1343.6	65.7	-1042.8	196.0	0.0089	0.0179	0.0022							
1396	-518.0	45.1	-1722.6	71.2	-1328.8	241.1	0.0089	0.0179	0.0022							
1397	-573.7	7.0	-2206.3	70.5	-1602.2	284.0	0.0089	0.0179	0.0022							
1398	-542.2	-36.4	-2820.7	55.9	-1826.7	320.4	0.0089	0.0179	0.0022							
1399	-408.7	-83.9	-3543.7	-27.7	-1923.7	340.1	0.0247	0.0179	0.0057							
1400	-254.0	-146.1	-4338.1	-78.3	-1853.4	334.7	0.0247	0.0179	0.0057							
1401	-9.6	-199.7	-5122.3	-144.0	-1522.7	301.2	0.0247	0.0179	0.0057							
1402	163.2	-359.6	-6493.2	-229.1	-788.8	139.2	0.0247	0.0179	0.0055							
1403	164.6	-437.9	-6990.4	-305.2	-1078.4	330.7	0.0247	0.0179	0.0055							
1404	124.3	-439.0	-6696.9	-268.7	-486.8	502.2	0.0247	0.0179	0.0055							
1405	-13.1	-467.1	-6501.7	-225.3	-116.4	383.5	0.0247	0.0179	0.0055							
1406	-171.3	-476.8	-6192.2	-169.3	173.3	290.9	0.0247	0.0179	0.0055							
1407	-288.3	-478.7	-5874.1	-106.3	289.5	217.4	0.0247	0.0179	0.0055							
1408	-355.2	-474.6	-5605.8	-44.4	345.6	180.4	0.0247	0.0179	0.0055							
1409	-143.1	71.6	-1319.7	39.0	-537.1	111.5	0.0092	0.0281	0.0127	8.84	2.89	6.39	0.00	-0.02	-1.62	0.0
1410	-248.7	56.8	-1435.1	48.9	-815.3	153.3	0.0089	0.0179	0.0022							
1411	-319.6	40.7	-1645.8	53.5	-1070.3	190.7	0.0089	0.0179	0.0022							
1412	-354.2	22.0	-1939.7	53.6	-1297.0	223.3	0.0089	0.0179	0.0022							
1413	-341.9	0.2	-2312.3	48.5	-1484.3	250.6	0.0089	0.0179	0.0022							
1414	-275.2	-25.6	-2755.3	36.8	-1610.4	270.7	0.0089	0.0179	0.0022							
1415	-158.0	-56.4	-3249.9	-21.8	-1649.1	280.7	0.0247	0.0179	0.0057							
1416	10.5	-89.3	-3746.5	-45.4	-1560.3	279.0	0.0247	0.0179	0.0057							
1417	176.8	-126.6	-4183.1	-66.7	-1311.8	257.8	0.0247	0.0179	0.0057							
1418	344.2	-85.6	-3904.4	-73.8	-658.6	303.3	0.0247	0.0179	0.0057							
1419	342.2	-86.8	-3900.8	-76.1	-1236.2	402.1	0.0247	0.0179	0.0055							
1420	373.3	-184.3	-4678.4	-101.4	-665.5	363.8	0.0247	0.0179	0.0055							
1421	320.5	-212.1	-4636.3	-106.3	-344.8	347.2	0.0247	0.0179	0.0055							
1422	243.2	-238.1	-4502.1	-95.4	-107.6	296.6	0.0247	0.0179	0.0055							
1423	163.7	-255.0	-4313.9	-70.9	131.2	254.3	0.0247	0.0179	0.0055							
1424	107.3	-261.4	-4121.0	-39.8	252.0	227.1	0.0247	0.0179	0.0055							
1425	-143.3	72.8	-1344.4	42.4	-546.9	109.3	0.0093	0.0280	0.0127	8.71	2.90	6.39	0.00	-0.01	-1.65	0.0
1426	-247.3	57.6	-1458.6	56.1	-821.7	161.9	0.0089	0.0179	0.0022							
1427	-317.0	41.5	-1667.9	63.5	-1074.2	209.8	0.0089	0.0179	0.0022							
1428	-350.6	23.5	-1960.6	65.4	-1298.6	252.5	0.0089	0.0179	0.0022							
1429	-338.2	3.0	-2332.0	60.8	-1484.1	289.1	0.0089	0.0179	0.0022							
1430	-272.5	-20.4	-2773.1	48.0	-1608.9	317.5	0.0089	0.0179	0.0022							
1431	-157.4	-47.8	-3265.7	26.6	-1647.9	334.6	0.0247	0.0179	0.0057							
1432	9.0	-76.4	-3761.8	-40.7	-1560.7	333.5	0.0247	0.0179	0.0057							
1433	174.8	-110.2	-4196.2	-70.0	-1311.1	323.3	0.0247	0.0179	0.0057							
1434	349.0	-64.4	-3931.0	-90.2	-660.3	192.4	0.0247	0.0179	0.0057							
1435	380.0	-57.7	-3716.8	-66.0	-1075.6	435.0	0.0247	0.0179	0.0055							
1436	426.1	-143.4	-4225.1	-102.3	-665.9	696.8	0.0247	0.0179	0.0055							
1437	393.6	-174.1	-4208.8	-120.1	-369.2	643.6	0.0247	0.0179	0.0055							
1438	324.6	-199.3	-4089.1	-107.8	-132.2	589.7	0.0247	0.0179	0.0055							
1439	251.4	-213.5	-3915.3	-81.7	112.3	539.7	0.0247	0.0179	0.0055							
1440	198.3	-219.7	-3731.5	-48.2	246.1	509.4	0.0247	0.0179	0.0055							
1441	-155.4	-3.1	-1749.6	33.5	-621.9	132.8	0.0092	0.0281	0.0127	6.64	2.17	4.79	0.00	-0.06	-2.03	0.0
1442	-227.1	-13.1	-1785.0	43.5	-839.8	165.2	0.0089	0.0179	0.0022							
1443	-264.6	-21.7	-1905.9	48.9	-1042.2	196.6	0.0089	0.0179	0.0022							
1444	-266.6	-30.4	-2101.5	49.9	-1215.1	225.2	0.0089	0.0179	0.0022							
1445	-231.3	-40.1	-2360.1	46.6	-1345.6	249.2	0.0089	0.0179	0.0022							
1446	-158.1	-51.4	-2667.3	39.1	-1419.6	267.2	0.0089	0.0179	0.0022							
1447	-49.5	-64.0	-2998.9	28.1	-1419.7	278.1	0.0089	0.0179	0.0022							
1448	79.0	-78.2	-3317.1	16.4	-1330.0	281.5	0.0247	0.0179	0.0057							
1449	207.9	-86.7	-3528.3	-19.3	-1133.2	282.6	0.0247	0.0179	0.0057							
1450	191.5	-120.8	-3665.4	18.1	-980.2	286.3	0.0247	0.0179	0.0057							
1451	233.6	-116.1	-3742.2	16.7	-804.1	318.9	0.0247	0.0179	0.0055							
1452	357.2	-87.9	-3808.3	-27.3	-704.5	360.9	0.0247	0.0179	0.0055							
1453	371.9	-109.1	-3912.2	-45.6	-462.4	355.2	0.0247	0.0179	0.0055							
1454	354.8	-125.0	-3879.6	-51.1	-250.0	334.4	0.0247	0.0179	0.0055							
1455	324.5	-137.7	-3787.5	-45.8	-73.0	309.5	0.0247	0.0179	0.0055							
1456	295.0	-144.8	-3662.8	-32.9	164.8	290.1	0.0247	0.0179	0.0055							
1457	-155.7	-1.7	-1775.0	35.4	-630.0	136.3	0.0093	0.0280	0.0127	6.73	2.24	4.93	0.00	-0.06	-2.06	0.0
1458	-225.9	-12.6	-1809.8	49.1	-844.4	176.5	0.0089	0.0179	0.0022							
1459	-262.1	-21.7	-1929.4	57.1	-1043.9	216.3	0.0089	0.0179	0.0022							
1460	-263.3	-30.5	-2123.1	59.8	-1214.3	253.1	0.0089	0.0179	0.0022							
1461	-227.7	-39.7	-2379.6	57.0	-1343.0	284.9	0.0089	0.0179	0.0022							
1462	-154.8	-50.1	-2684.2	48.9	-1415.9	310.0	0.0089	0.0179	0.0022							
1463	-46.6	-61.7	-3013.3	35.9	-1415.5	326.1	0.0247	0.0179	0.0057							
1464	82.4	-75.0	-3328.4	20.7	-1325.3	332.6	0.0247	0.0179	0.0057							
1465	213.3	-84.2	-3536.4	-22.1	-1127.2	326.6	0.0247	0.0179	0.0057							
1466	207.6	-120.4	-3656.0	-14.4	-961.4	344.6	0.0247	0.0179	0.0057							
1467	232.6	-145.2	-3719.2	26.4	-790.6	347.8	0.0247	0.0179	0.0055							
1468	338.5	-145.3	-3767.5	-26.4	-684.5	353.8	0.0247	0.0179	0.0055							
1469	365.5	-169.3	-3845.5	-51.1	-466.7	358.9	0.0247	0.0179	0.0055							
1470	355.9	-186.2	-3821.5	-58.2	-261.7	331.4	0.0247	0.0179	0.0055							
1471	331.1	-199.1	-3737.5	-53.8	-83.4	302.0	0.0247	0.0179	0.0055							
1472	305.8	-208.2	-3616.4	-40.0	158.0	278.8	0.0247	0.0179	0.0055							
1473	-164.5	-80.1	-2075.1	27.4	-685.2	154.5	0.0092	0.0192	0.0127	6.47	3.09	4.67	0.00	-0.13	-2.37	0.0
1474	-216.2	-88.7	-2059.4	36.4	-851.4	178.6	0.0089	0.0089	0.0022							
1475	-240.4	-94.0	-2107.2	42.8	-1005.3	203.2	0.0089	0.0089	0.0022							
1476	-234.6	-97.5	-2214.6	45.8	-1132.5	226.3	0.0089	0.0089	0.0022							
1477	-198.4	-100.0	-2373.1	45.4	-1221.6	246.2	0.0089	0.0089	0.0022							
1478	-134.2	-102.2	-2569.0	41.7	-1262.9	261.8	0.0089	0.0089	0.0022							
1479	-49.6	-104.5	-2782.7	35.7	-1248.9	272.4	0.0089	0.0089	0.0022							
1480	42.3	-106.6	-2985.5	29.1	-1177.0	278.5	0.0247	0.0089	0.0057							
1481	113.7	-111.5	-3161.2	23.5	-1067.9	282.0	0.0247	0.0089	0.0057							
1482	190.2	-110.4	-3296.1	17.1	-928.0	285.7	0.0247	0.0089	0.0057							
1483	239.2	-119.0	-3392.6	11.9	-777.7	285.2	0.0247	0.0089	0.0055							
1484	271.9	-131.4	-3456.6	-13.1	-622.4	282.5	0.0247	0.0089	0.0055							
1485	321.1	-133.1	-3489.1	-20.8	-469.4	279.9	0.0247	0.0089	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1486	341.2	-139.6	-3492.0	-26.5	-297.0	269.8	0.0247	0.0089	0.0055							
1487	344.0	-145.4	-3445.5	-27.9	-133.7	255.9	0.0247	0.0089	0.0055							
1488	338.0	-149.3	-3363.4	-24.9	106.0	242.5	0.0247	0.0089	0.0055							
1489	-165.2	-78.5	-2099.1	27.6	-691.4	163.5	0.0093	0.0191	0.0127	6.56	3.19	4.79	0.00	-0.13	-2.39	0.0
1490	-215.4	-87.9	-2083.6	39.9	-854.5	193.2	0.0089	0.0089	0.0022							
1491	-238.4	-94.0	-2130.8	48.7	-1005.6	224.0	0.0089	0.0089	0.0022							
1492	-231.9	-98.0	-2236.7	53.5	-1130.5	253.6	0.0089	0.0089	0.0022							
1493	-195.4	-100.9	-2393.1	54.0	-1217.9	279.8	0.0089	0.0089	0.0022							
1494	-131.4	-103.1	-2586.4	50.5	-1258.1	301.0	0.0089	0.0089	0.0022							
1495	-47.2	-105.4	-2797.1	43.8	-1243.6	316.4	0.0089	0.0089	0.0022							
1496	44.4	-107.7	-2996.8	35.5	-1171.5	325.5	0.0247	0.0089	0.0057							
1497	116.1	-113.2	-3168.1	29.3	-1061.7	331.8	0.0247	0.0089	0.0057							
1498	189.4	-114.4	-3298.7	22.1	-922.9	334.4	0.0247	0.0089	0.0057							
1499	240.0	-118.6	-3390.0	-11.6	-773.5	337.2	0.0247	0.0089	0.0055							
1500	273.6	-128.2	-3450.9	-13.4	-620.5	335.5	0.0247	0.0089	0.0055							
1501	319.0	-132.5	-3482.5	-21.4	-468.4	328.7	0.0247	0.0089	0.0055							
1502	341.6	-138.6	-3483.1	-29.2	-300.2	318.5	0.0247	0.0089	0.0055							
1503	347.3	-144.5	-3439.7	-32.4	-139.2	302.4	0.0247	0.0089	0.0055							
1504	343.1	-148.9	-3362.1	-29.7	101.6	286.1	0.0247	0.0089	0.0055							
1505	-175.3	-156.8	-2320.0	-28.7	-740.1	175.2	0.0092	0.0192	0.0127	9.05	4.31	6.51	0.00	-0.26	-2.64	0.0
1506	-219.2	-164.8	-2268.0	30.1	-871.5	194.3	0.0089	0.0089	0.0022							
1507	-242.9	-168.1	-2255.9	37.8	-985.9	213.0	0.0089	0.0089	0.0022							
1508	-241.0	-168.1	-2288.7	43.0	-1073.2	230.2	0.0089	0.0089	0.0022							
1509	-212.3	-165.5	-2364.2	45.3	-1126.8	244.9	0.0089	0.0089	0.0022							
1510	-160.2	-161.4	-2473.7	44.6	-1142.6	256.6	0.0089	0.0089	0.0022							
1511	-91.4	-156.6	-2603.3	41.5	-1119.1	264.9	0.0089	0.0089	0.0022							
1512	-16.1	-152.0	-2738.2	36.7	-1059.0	270.0	0.0247	0.0089	0.0057							
1513	60.8	-147.1	-2863.5	31.0	-966.3	272.5	0.0247	0.0089	0.0057							
1514	127.1	-144.2	-2969.2	25.1	-850.6	272.8	0.0247	0.0089	0.0057							
1515	186.8	-139.9	-3050.4	18.5	-721.2	272.1	0.0247	0.0089	0.0038							
1516	238.3	-135.9	-3105.7	12.0	-582.3	269.4	0.0247	0.0089	0.0038							
1517	276.3	-135.3	-3133.4	-10.0	-438.2	264.1	0.0247	0.0089	0.0038							
1518	308.1	-134.7	-3132.2	-14.1	-293.8	257.1	0.0247	0.0089	0.0038							
1519	327.7	-135.2	-3102.6	-17.1	-150.0	248.3	0.0247	0.0089	0.0038							
1520	337.1	-135.8	-3043.5	-18.7	73.2	239.3	0.0247	0.0089	0.0038							
1521	-176.2	-154.8	-2341.6	-29.6	-744.2	189.2	0.0093	0.0191	0.0127	9.27	4.50	6.76	0.00	-0.26	-2.67	0.0
1522	-218.7	-163.7	-2290.7	31.5	-873.1	212.5	0.0089	0.0089	0.0022							
1523	-241.2	-167.9	-2278.8	41.4	-985.3	236.0	0.0089	0.0089	0.0022							
1524	-238.7	-168.7	-2310.8	48.7	-1070.8	258.1	0.0089	0.0089	0.0022							
1525	-209.9	-166.9	-2384.6	52.4	-1123.1	277.6	0.0089	0.0089	0.0022							
1526	-158.0	-163.4	-2491.7	52.5	-1138.1	293.7	0.0089	0.0089	0.0022							
1527	-89.8	-159.1	-2618.6	49.5	-1114.3	305.8	0.0089	0.0089	0.0022							
1528	-15.2	-154.9	-2750.6	44.4	-1054.2	314.3	0.0247	0.0089	0.0057							
1529	60.8	-150.5	-2873.2	37.7	-962.0	319.1	0.0247	0.0089	0.0057							
1530	126.9	-147.7	-2976.3	30.6	-846.8	321.3	0.0247	0.0089	0.0057							
1531	185.4	-145.0	-3055.0	24.5	-717.9	321.5	0.0247	0.0089	0.0038							
1532	235.9	-141.8	-3107.7	15.8	-580.2	320.0	0.0247	0.0089	0.0038							
1533	274.4	-140.5	-3133.9	-8.7	-437.9	315.6	0.0247	0.0089	0.0038							
1534	306.0	-140.4	-3133.1	-14.6	-294.9	307.8	0.0247	0.0089	0.0038							
1535	326.3	-140.9	-3104.3	-19.2	-152.0	298.3	0.0247	0.0089	0.0038							
1536	336.5	-141.0	-3046.3	-22.2	70.5	288.6	0.0247	0.0089	0.0038							
1537	-1767.6	-887.3	-10313.8	-15.0	402.0	-411.3	0.0331	0.0462	0.0055				-0.87	-1.75	-10.35	
1538	-1609.0	-944.3	-9761.8	-59.5	394.4	-448.8	0.0331	0.0462	0.0055				-0.91	-1.60	-9.80	
1539	-1494.9	-989.4	-9247.1	41.5	474.0	-457.5	0.0331	0.0462	0.0055				-0.96	-1.47	-9.30	
1540	-1498.9	-942.1	-8894.3	121.2	543.4	-390.9	0.0331	0.0462	0.0055				-0.91	-1.47	-8.95	
1541	-1474.2	-936.4	-8591.1	110.1	546.9	-289.8	0.0331	0.0462	0.0055				-0.91	-1.45	-8.64	
1542	-1312.5	-1110.1	-8348.1	107.4	645.0	-197.3	0.0331	0.0462	0.0055				-1.06	-1.30	-8.41	
1543	-1294.7	-1401.5	-8904.1	101.3	1230.5	198.7	0.0331	0.0462	0.0055				-1.05	-1.45	-9.10	
1544	-3765.7	-1493.8	-5582.3	-618.7	3902.3	559.0	0.0331	0.0462	0.0055				-0.64	-1.43	-8.77	
1545	-1957.9	-882.0	-2669.2	-380.3	811.4	222.0	0.0331	0.0462	0.0057				-0.76	-1.48	-3.27	
1546	-1284.5	-812.8	-2639.1	-246.8	707.2	314.8	0.0331	0.0462	0.0057				-0.71	-1.02	-3.01	
1547	-699.0	-531.1	-1286.7	-160.2	999.2	293.9	0.0331	0.0462	0.0057	1.60	1.15	9.37	0.00	-0.52	-2.16	0.0
1548	-113.5	-292.4	-341.5	-70.2	315.2	77.3	0.0331	0.0462	0.0140	3.27	2.34	7.74	0.00	-0.37	-0.71	0.0
1549	109.4	-218.7	-155.7	-31.8	65.0	20.9	0.0331	0.0462	0.0140	3.82	2.74	9.06	0.00	-0.29	-0.36	0.0
1550	161.6	-185.6	-86.4	31.5	-65.2	8.0	0.0331	0.0462	0.0140	5.44	3.89	12.89	0.00	-0.28	-0.37	0.0
1551	130.3	-170.5	-34.5	29.6	-107.6	12.9	0.0331	0.0462	0.0140	5.58	3.99	13.22	0.00	-0.27	-0.36	0.0
1552	54.7	-156.3	61.4	29.8	-109.1	49.1	0.0331	0.0462	0.0140	5.07	3.63	12.02	0.00	-0.20	-0.35	0.0
1553	-1198.5	-1211.3	-6066.2	-96.7	-80.3	2456.4	0.0331	0.0462	0.0055				-0.17	-1.21	-7.09	
1554	-1407.8	-1279.8	-7626.0	-113.9	-1199.7	1071.1	0.0331	0.0462	0.0055				-0.85	-1.46	-8.01	
1555	-1174.0	-1270.8	-8779.2	-31.2	496.5	56.7	0.0331	0.0462	0.0055				-1.14	-1.28	-8.81	
1556	-1464.7	-1161.6	-7003.0	-25.3	1615.9	973.9	0.0331	0.0462	0.0055				-0.80	-1.25	-7.58	
1557	-1035.6	-983.0	-5368.4	-135.9	598.9	1849.4	0.0331	0.0462	0.0055				-0.30	-0.97	-6.12	
1558	-1059.7	-1227.9	-7231.9	-103.7	-639.0	974.3	0.0331	0.0462	0.0055				-0.83	-1.24	-7.45	
1559	-1333.4	-1459.1	-9547.9	37.1	1342.2	394.6	0.0331	0.0462	0.0055				-1.09	-1.47	-9.78	
1560	-3886.4	-1559.6	-5862.3	-878.8	4266.6	888.5	0.0331	0.0462	0.0055				-0.47	-1.38	-9.45	
1561	-1943.1	-873.3	-2518.8	-470.0	925.9	260.8	0.0331	0.0462	0.0057				-0.69	-1.34	-3.30	
1562	-1226.2	-761.6	-2387.1	-282.9	733.1	167.7	0.0331	0.0462	0.0057				-0.60	-0.99	-2.78	
1563	-655.2	-500.8	-1176.2	-171.9	908.9	233.3	0.0331	0.0462	0.0057	0.90	0.65	5.27	0.00	-0.47	-1.95	0.0
1564	-122.2	-284.1	-349.9	-64.4	301.0	94.7	0.0331	0.0462	0.0140	2.59	1.86	6.14	0.00	-0.33	-0.69	0.0
1565	93.4	-213.6	-168.6	46.3	69.5	32.9	0.0331	0.0462	0.0140	3.60	2.58	8.53	0.00	-0.30	-0.35	0.0
1566	152.0	-183.4	-94.1	53.6	-64.1	9.3	0.0331	0.0462	0.0140	5.28	3.78	12.51	0.00	-0.28	-0.37	0.0
1567	125.7	-168.8	-37.0	49.1	-111.9	11.2	0.0331	0.0462	0.0140	5.65	4.04	13.38	0.00	-0.27	-0.37	0.0
1568	52.4	-153.6	64.1	44.1	-119.1	51.2	0.0331	0.0462	0.0140	5.37	3.84	12.73	0.00	-0.20	-0.37	0.0
1569	-520.0	-310.2	-2263.5	-17.7	-574.5	253.0	0.0331	0.0462	0.0055				-0.22	-0.41	-2.46	
1570	-1281.5	-1079.8	-6391.3	17.1	-2954.9	-100.1	0.0331	0.0462	0.0055	2.20	1.57	13.33	0.00	-1.15	-7.82	0.0
1571	-1005.7	-1536.2	-9384.3	-35.9	478.3	-89.0	0.0331	0.0462	0.0055				-0.98	-1.54	-9.41	
1572	-1473.7	-1051.7	-5895.6	-80.3	2619.4	109.9	0.0331	0.0462	0.0055				-0.26	-1.05	-7.12	
1573	-766.6	-820.5	-4606.1	11.4	-570.4	-1233.7	0.0331	0.0462	0.0055				-0.36	-0.79	-5.04	
1574	-1068.6	-1386.6	-8068.0	234.0	-537.1	-1097.4	0.0331	0.0462	0.0055				-0.80	-1.45	-8.28	
1575	-2565.7	-2037.1	-8082.3	-689.9	2624.0	1853.8	0.0331	0.0462	0.0055				-1.47	-1.57	-9.65	
1576	-2880.2	-1777.8	-4652.3	-1217.7	2551.5	1766.5	0.0331	0.0462	0.0057				-0.94	-1.07	-7.30	
1577	-1787.1	-1024.5	-2888.8	-592.5	971.9	193.9	0.0331	0.0462	0.0057				-0.65	-1.51	-3.54	
1578	-1160.3	-823.0	-2463.2	-321.1	752.3	200.4	0.0331	0.0462	0.0057				-0.59	-1.00	-2.86	
1579	-629.8	-530.8	-1212.7	-182.4	928.8	267.7	0.0331	0.0462	0.0057	1.59	1.14	9.27	0.00	-0.51	-2.02	0.0
1580	-117.9	-295.5	-371.6	-56.8	304.5	96.1	0.0331	0.0462	0.0057	2.57	1.84	15.05	0.00	-0.34	-0.70	0.0
1581	84.1	-214.7	-182.6	58.0	69.8	35.0	0.0331	0.0462	0.0140	3.44	2.47	8.17	0.00	-0.30	-0.35	0.0
1582	140.7	-180.5	-102.5	71.2	-65.2	-12.1	0.0331	0.0462	0.0140	5.19	3.72	12.31	0.00	-0.29	-0.37	0.0
1583	117.4	-164.7	-39.1	66.5	-116.8	-12.4	0.0331	0.0462	0.0140	5.79	4.14	13.72	0.00	-0.29	-0.37	0.0
1584	47.9	-148.9	67.3	56.8	-131.6	52.0	0.0331	0.0462	0.0140	5.73	4.10	13.57	0.00	-0.22	-0.39	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1585	-618.9	-222.8	-2428.1	-2.9	-792.9	-146.5	0.0331	0.0462	0.0055				-0.20	-0.34	-2.73	
1586	-1398.6	-1133.1	-6873.1	-42.6	-3383.6	-336.2	0.0331	0.0462	0.0055	6.79	4.86	41.20	0.00	-1.35	-8.73	0.0
1587	-1051.3	-1612.9	-9880.9	5.9	416.5	-207.1	0.0331	0.0462	0.0055				-1.03	-1.61	-9.91	
1588	-1445.3	-1165.2	-6550.9	-26.4	2408.7	-105.6	0.0331	0.0462	0.0055				-0.48	-1.17	-7.51	
1589	-1014.8	-1122.3	-7221.5	15.7	-1416.1	-578.3	0.0331	0.0462	0.0055				-0.66	-1.12	-7.58	
1590	-1388.7	-1549.6	-10275.9	156.1	1137.1	246.0	0.0331	0.0462	0.0055				-1.16	-1.63	-10.42	
1591	-3750.3	-1824.0	-6469.7	-871.4	4111.3	852.8	0.0331	0.0462	0.0055				-0.73	-1.69	-9.63	
1592	-1910.0	-1207.3	-3446.5	-502.6	761.8	169.3	0.0331	0.0462	0.0057				-0.93	-1.83	-3.81	
1593	-1586.6	-1193.8	-3431.0	-454.2	928.1	289.8	0.0331	0.0462	0.0057				-0.85	-1.47	-3.89	
1594	-1093.9	-917.2	-2740.8	-283.1	777.0	165.8	0.0331	0.0462	0.0057				-0.63	-1.04	-3.08	
1595	-603.4	-590.3	-1334.6	-165.4	1000.2	314.6	0.0331	0.0462	0.0057	2.99	2.14	17.51	0.00	-0.61	-2.21	0.0
1596	-110.9	-318.3	-406.2	-29.9	313.2	122.6	0.0331	0.0462	0.0057	2.78	1.99	16.24	0.00	-0.37	-0.74	0.0
1597	75.4	-220.6	-201.4	77.4	72.5	37.1	0.0331	0.0462	0.0140	3.46	2.47	8.19	0.00	-0.32	-0.37	0.0
1598	127.8	-179.6	-112.4	90.2	-67.0	-18.2	0.0331	0.0462	0.0140	5.12	3.67	12.13	0.00	-0.30	-0.37	0.0
1599	106.4	-160.8	-41.1	83.4	-122.9	-19.0	0.0331	0.0462	0.0140	5.89	4.22	13.96	0.00	-0.30	-0.38	0.0
1600	41.5	-142.9	72.0	68.9	-144.9	51.8	0.0331	0.0462	0.0140	6.12	4.38	14.51	0.00	-0.23	-0.41	0.0
1601	-1042.5	146.9	-6656.9	17.1	332.7	-816.7	0.0247	0.0357	0.0055							
1602	-921.1	6.9	-6568.4	-21.4	268.1	-906.5	0.0247	0.0357	0.0055							
1603	-831.7	-128.2	-6471.1	125.8	343.9	-931.3	0.0247	0.0357	0.0055							
1604	-815.4	-163.9	-6281.3	257.7	388.0	-754.6	0.0247	0.0357	0.0055							
1605	-740.9	-242.7	-6210.8	294.4	337.0	-502.8	0.0247	0.0357	0.0055							
1606	-556.0	-471.0	-6369.7	297.8	487.8	-272.5	0.0247	0.0357	0.0055							
1607	-403.0	-587.1	-5919.1	263.3	1197.5	39.4	0.0247	0.0357	0.0055							
1608	-398.4	-510.5	-4969.2	212.0	1530.4	194.3	0.0247	0.0357	0.0055							
1609	-1124.2	-508.2	-3732.1	60.1	1803.9	308.0	0.0247	0.0357	0.0057							
1610	-887.5	-334.6	-2407.3	-87.2	1470.2	283.0	0.0247	0.0357	0.0057							
1611	-814.3	-238.6	-1537.9	-123.8	1158.5	225.9	0.0247	0.0357	0.0057							
1612	-734.2	-168.9	-885.5	-111.9	808.8	159.8	0.0089	0.0357	0.0140							
1613	-498.7	-109.4	-484.2	-68.1	442.1	102.7	0.0089	0.0357	0.0140							
1614	-287.2	-72.6	-271.7	-31.7	198.5	77.8	0.0089	0.0357	0.0140							
1615	-126.0	-43.7	-98.4	13.2	46.2	75.1	0.0089	0.0357	0.0140							
1616	-13.8	-17.9	135.9	7.6	-75.4	86.5	0.0097	0.0455	0.0244	20.25	4.31	8.02	0.00	-0.20	-0.28	0.0
1617	-1407.0	-386.3	-6764.0	-131.4	168.2	234.3	0.0247	0.0357	0.0055							
1618	-921.4	-443.5	-6903.2	-246.1	117.6	61.2	0.0247	0.0357	0.0055							
1619	-646.1	-494.6	-6897.3	8.7	336.3	-67.2	0.0247	0.0357	0.0055							
1620	-782.9	-559.2	-6738.0	216.7	525.0	-82.8	0.0247	0.0357	0.0055							
1621	-1009.6	-741.3	-6701.1	154.7	478.1	-119.3	0.0247	0.0357	0.0055							
1622	-663.6	-743.4	-6584.7	129.0	712.8	93.1	0.0247	0.0357	0.0055							
1623	-385.7	-528.0	-5876.5	165.2	1277.0	331.2	0.0247	0.0357	0.0055							
1624	-388.2	-437.9	-4961.2	107.2	1548.3	385.6	0.0247	0.0357	0.0055							
1625	-1154.7	-520.0	-3734.5	-129.8	1860.3	426.8	0.0247	0.0357	0.0057							
1626	-930.4	-360.1	-2384.6	-129.1	1481.2	373.0	0.0247	0.0357	0.0057							
1627	-832.2	-264.1	-1538.4	-140.3	1144.9	301.0	0.0247	0.0357	0.0057							
1628	-730.4	-185.2	-916.0	-132.5	804.7	218.8	0.0089	0.0357	0.0140							
1629	-504.5	-113.3	-519.7	-86.2	454.6	141.5	0.0089	0.0357	0.0140							
1630	-298.3	-68.1	-295.2	-40.7	212.4	99.4	0.0089	0.0357	0.0140							
1631	-135.1	-36.0	-109.5	10.4	54.8	86.6	0.0089	0.0357	0.0140							
1632	-15.8	-12.5	135.0	9.3	-79.1	91.9	0.0102	0.0450	0.0244	19.77	4.46	8.21	0.00	-0.21	-0.29	0.0
1633	-1760.9	-1107.5	-6162.5	-97.5	-191.9	364.3	0.0247	0.0357	0.0055							
1634	-834.6	-897.1	-6544.0	-166.9	-238.4	166.6	0.0247	0.0357	0.0055							
1635	-365.7	-736.2	-6706.6	-33.2	202.5	-52.7	0.0247	0.0357	0.0055							
1636	-739.9	-904.4	-6863.6	32.6	447.0	-123.4	0.0247	0.0357	0.0055							
1637	-1084.7	-1029.0	-6834.5	49.9	649.3	81.6	0.0247	0.0357	0.0055							
1638	-558.3	-783.6	-6430.6	258.9	860.5	270.5	0.0247	0.0357	0.0055							
1639	-299.7	-519.0	-5876.2	390.2	1261.4	328.7	0.0247	0.0357	0.0055							
1640	-713.3	-555.6	-4941.8	41.4	1720.1	497.5	0.0247	0.0357	0.0057							
1641	-1040.0	-523.9	-3631.0	-204.7	1749.1	561.6	0.0247	0.0357	0.0057							
1642	-908.2	-350.9	-2417.0	-165.1	1483.3	428.6	0.0247	0.0357	0.0057							
1643	-829.7	-254.6	-1569.9	-160.6	1140.8	345.6	0.0247	0.0357	0.0057							
1644	-732.0	-186.4	-956.0	-150.5	806.9	262.5	0.0089	0.0357	0.0140							
1645	-510.7	-114.4	-556.4	-100.0	465.3	173.2	0.0089	0.0357	0.0140							
1646	-307.7	-64.5	-320.4	-48.6	225.4	119.2	0.0089	0.0357	0.0140							
1647	-143.8	-29.1	-121.5	-11.5	64.6	97.4	0.0089	0.0357	0.0140							
1648	-18.3	-7.5	133.1	10.1	-82.2	95.3	0.0107	0.0444	0.0244	18.96	4.58	8.32	0.00	-0.21	-0.30	0.0
1649	-1841.4	-1057.5	-6015.0	-25.5	-288.6	-221.1	0.0247	0.0357	0.0055							
1650	-814.2	-870.3	-6552.6	23.1	-384.3	-214.7	0.0247	0.0357	0.0055							
1651	-319.7	-748.7	-6960.3	45.7	-91.9	-234.9	0.0247	0.0357	0.0055							
1652	-733.8	-861.3	-7407.7	30.4	342.7	-319.0	0.0247	0.0357	0.0055							
1653	-882.7	-741.3	-7189.8	174.1	893.9	-226.9	0.0247	0.0357	0.0055							
1654	-402.3	-517.9	-6473.8	259.5	1072.4	116.9	0.0247	0.0357	0.0055							
1655	-341.5	-591.0	-6014.2	264.5	1345.5	468.0	0.0247	0.0357	0.0055							
1656	-1091.2	-731.2	-4930.4	-130.4	1908.0	676.4	0.0247	0.0357	0.0057							
1657	-929.5	-467.1	-3523.1	-153.8	1627.8	563.7	0.0247	0.0357	0.0057							
1658	-862.6	-303.9	-2439.5	-162.9	1479.7	543.3	0.0247	0.0357	0.0057							
1659	-812.7	-224.1	-1606.1	-185.4	1127.4	428.2	0.0247	0.0357	0.0057							
1660	-729.9	-180.9	-1008.0	-174.8	813.4	312.7	0.0247	0.0357	0.0022							
1661	-515.8	-112.5	-599.5	-116.2	478.7	204.4	0.0089	0.0357	0.0140							
1662	-317.0	-60.1	-348.9	-57.6	240.4	137.4	0.0089	0.0357	0.0140							
1663	-152.6	-23.1	-135.0	-14.9	76.8	106.1	0.0089	0.0357	0.0140							
1664	-20.8	-2.3	130.8	11.2	-82.1	96.2	0.0114	0.0438	0.0244	17.78	4.63	8.29	0.00	-0.20	-0.30	0.0
1665	-693.6	-217.9	-5948.1	34.5	385.9	-654.2	0.0247	0.0179	0.0055							
1666	-617.9	-221.9	-5817.5	86.7	362.4	-595.1	0.0247	0.0179	0.0055							
1667	-523.4	-235.4	-5740.1	166.2	357.9	-520.8	0.0247	0.0179	0.0055							
1668	-413.7	-277.7	-5700.0	244.7	411.0	-432.1	0.0247	0.0179	0.0055							
1669	-255.6	-331.3	-5678.4	314.6	539.8	-292.8	0.0247	0.0179	0.0055							
1670	-78.7	-320.0	-5448.0	341.3	746.3	-135.2	0.0247	0.0179	0.0055							
1671	-133.1	-294.3	-4926.9	273.9	957.9	36.3	0.0247	0.0179	0.0055							
1672	-346.2	-277.3	-4146.5	172.4	1159.0	137.9	0.0247	0.0179	0.0057							
1673	-389.7	-201.6	-3232.4	102.5	1338.4	199.0	0.0247	0.0179	0.0057							
1674	-581.4	-155.4	-2406.9	36.1	1357.8	219.3	0.0247	0.0179	0.0057							
1675	-595.7	-101.6	-1698.2	-41.1	1169.1	206.6	0.0089	0.0179	0.0140							
1676	-530.3	-62.3	-1175.8	-46.2	930.9	185.1	0.0089	0.0179	0.0140							
1677	-433.0	-31.8	-789.1	-40.4	690.5	160.3	0.0089	0.0179	0.0140							
1678	-297.3	-4.0	-494.8	-27.4	467.9	136.3	0.0089	0.0179	0.0140							
1679	-159.4	19.2	-245.0	-17.6	277.1	113.8	0.0089	0.0179	0.0140							
1680	-37.6	38.8	9.9	-16.7	92.4	83.0	0.0096	0.0276	0.0244	13.04	4.54	5.14	0.00	-0.11	-0.26	0.0
1681	-709.5	-220.2	-6439.1	13.9	451.9	-445.3	0.0247	0.0179	0.0055							
1682	-608.5	-207.5	-6273.7	65.4	419.1	-397.2	0.0247	0.0179	0.0055							
1683	-512.6	-227.1	-6194.4	112.6	430.8	-350.3	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1684	-407.1	-271.5	-6161.1	154.1	489.2	-301.8	0.0247	0.0179	0.0055							
1685	-194.3	-251.2	-6018.9	245.7	692.6	-200.8	0.0247	0.0179	0.0055							
1686	-103.8	-222.5	-5634.9	295.2	904.5	-49.4	0.0247	0.0179	0.0055							
1687	-226.1	-257.8	-5013.2	217.2	1080.8	130.3	0.0247	0.0179	0.0055							
1688	-416.2	-245.9	-4185.8	133.5	1232.3	242.8	0.0247	0.0179	0.0057							
1689	-425.0	-163.7	-3275.9	70.3	1360.1	312.7	0.0247	0.0179	0.0057							
1690	-599.1	-136.0	-2468.0	-50.0	1366.4	329.0	0.0247	0.0179	0.0057							
1691	-604.6	-89.8	-1761.4	-74.4	1179.5	298.4	0.0247	0.0179	0.0057							
1692	-535.5	-51.5	-1233.3	-73.2	943.7	255.1	0.0089	0.0179	0.0140							
1693	-435.9	-21.6	-838.8	-60.6	706.2	211.6	0.0089	0.0179	0.0140							
1694	-301.5	5.4	-534.7	-41.1	485.1	171.7	0.0089	0.0179	0.0140							
1695	-163.3	26.8	-275.3	-25.7	292.3	134.8	0.0089	0.0179	0.0140							
1696	-38.3	42.9	-15.8	-20.2	104.6	89.0	0.0101	0.0272	0.0244	12.33	4.57	5.09	0.00	-0.10	-0.29	0.0
1697	-703.1	-360.6	-6606.7	-29.5	508.9	-175.5	0.0247	0.0179	0.0055							
1698	-600.5	-352.2	-6427.6	22.2	463.4	-131.2	0.0247	0.0179	0.0055							
1699	-502.3	-374.8	-6400.0	66.7	468.6	-92.9	0.0247	0.0179	0.0055							
1700	-353.1	-366.9	-6415.1	152.9	552.5	-43.3	0.0247	0.0179	0.0055							
1701	-128.5	-284.9	-6185.9	261.7	786.4	103.7	0.0247	0.0179	0.0055							
1702	-168.0	-253.4	-5715.1	232.5	1030.3	211.6	0.0247	0.0179	0.0055							
1703	-307.9	-262.3	-5032.7	113.8	1151.9	282.8	0.0247	0.0179	0.0055							
1704	-384.6	-192.2	-4181.6	104.3	1286.8	346.4	0.0247	0.0179	0.0057							
1705	-482.2	-144.1	-3305.1	34.0	1408.3	419.6	0.0247	0.0179	0.0057							
1706	-601.4	-119.6	-2492.5	-87.5	1360.3	432.9	0.0247	0.0179	0.0057							
1707	-600.8	-80.8	-1810.5	-107.4	1177.0	383.3	0.0247	0.0179	0.0057							
1708	-529.8	-43.8	-1289.1	-99.8	948.5	321.2	0.0089	0.0179	0.0140							
1709	-432.3	-14.2	-892.1	-81.8	718.9	261.5	0.0089	0.0179	0.0140							
1710	-301.5	12.6	-579.5	-56.4	502.1	206.3	0.0089	0.0179	0.0140							
1711	-165.1	33.1	-311.2	-35.1	309.5	154.7	0.0089	0.0179	0.0140							
1712	-38.9	46.4	-48.5	-24.6	120.6	93.0	0.0106	0.0266	0.0244	11.37	4.54	4.95	0.00	-0.09	-0.32	0.0
1713	-688.3	-396.0	-6785.2	-36.7	528.8	87.4	0.0247	0.0179	0.0055							
1714	-577.1	-352.0	-6630.0	21.6	506.8	103.3	0.0247	0.0179	0.0055							
1715	-452.0	-317.4	-6659.9	73.6	537.2	162.7	0.0247	0.0179	0.0055							
1716	-224.8	-245.0	-6631.2	159.4	634.0	255.3	0.0247	0.0179	0.0055							
1717	-69.1	-198.7	-6315.0	228.8	868.6	361.1	0.0247	0.0179	0.0055							
1718	-241.1	-218.3	-5803.4	214.1	1070.8	432.4	0.0247	0.0179	0.0055							
1719	-362.9	-173.7	-5036.5	117.3	1162.5	442.9	0.0247	0.0179	0.0057							
1720	-339.8	-101.2	-4162.4	73.5	1323.1	502.8	0.0247	0.0179	0.0057							
1721	-529.4	-122.8	-3316.1	-72.9	1445.1	558.4	0.0247	0.0179	0.0057							
1722	-594.5	-105.0	-2513.1	-127.6	1341.3	519.5	0.0247	0.0179	0.0057							
1723	-586.0	-74.0	-1862.0	-138.8	1168.2	456.9	0.0247	0.0179	0.0057							
1724	-513.8	-35.5	-1348.2	-126.4	948.5	383.5	0.0089	0.0179	0.0140							
1725	-421.6	-7.4	-950.7	-103.8	729.7	310.0	0.0089	0.0179	0.0140							
1726	-296.9	18.4	-630.6	-73.2	519.7	239.8	0.0089	0.0179	0.0140							
1727	-164.6	37.4	-354.3	-46.1	329.5	172.6	0.0089	0.0179	0.0140							
1728	-39.1	50.1	-89.4	-29.1	141.7	95.2	0.0113	0.0260	0.0244	10.36	4.49	4.78	0.00	-0.07	-0.35	0.0
1729	-407.5	-335.4	-6139.3	16.7	395.7	-336.9	0.0247	0.0179	0.0055							
1730	-380.2	-340.3	-5961.4	67.4	422.6	-299.9	0.0247	0.0179	0.0055							
1731	-323.9	-337.0	-5837.9	128.3	496.1	-240.0	0.0247	0.0179	0.0055							
1732	-247.5	-320.7	-5751.5	168.7	590.3	-151.0	0.0247	0.0179	0.0055							
1733	-160.0	-309.2	-5581.6	196.2	743.6	-80.2	0.0247	0.0179	0.0055							
1734	-101.5	-320.5	-5318.5	216.9	844.6	-51.1	0.0247	0.0179	0.0055							
1735	-63.6	-258.3	-4509.1	175.3	590.9	-24.6	0.0247	0.0179	0.0055							
1736	-137.0	-144.3	-3406.6	120.7	1009.1	148.9	0.0247	0.0179	0.0057							
1737	-230.2	-110.7	-2794.7	76.4	1188.8	208.5	0.0247	0.0179	0.0057							
1738	-277.6	-79.2	-2237.3	43.4	1207.4	229.5	0.0247	0.0179	0.0057							
1739	-322.1	-54.2	-1738.6	-22.2	1131.7	229.3	0.0089	0.0179	0.0140							
1740	-321.5	-30.5	-1310.1	-33.0	985.7	214.4	0.0089	0.0179	0.0140							
1741	-280.4	-10.4	-960.2	-34.8	810.7	192.4	0.0089	0.0179	0.0140							
1742	-216.9	6.0	-674.6	-32.3	625.6	164.7	0.0089	0.0179	0.0140							
1743	-139.3	20.0	-438.5	-27.7	430.0	129.1	0.0089	0.0179	0.0140							
1744	-51.1	32.5	-249.0	-21.1	215.6	81.2	0.0096	0.0277	0.0244	10.38	3.60	4.08	0.00	-0.07	-0.50	0.0
1745	-313.2	-218.0	-5988.3	-26.7	434.1	-582.1	0.0247	0.0179	0.0055							
1746	-294.5	-253.2	-6039.2	32.1	630.7	-393.6	0.0247	0.0179	0.0055							
1747	-232.6	-254.5	-5906.6	118.4	409.0	-348.7	0.0247	0.0179	0.0055							
1748	-173.1	-218.2	-5519.1	158.1	673.4	-409.7	0.0247	0.0179	0.0055							
1749	-127.0	-246.2	-5488.1	157.8	959.6	-178.3	0.0247	0.0179	0.0055							
1750	-95.7	-259.6	-5397.2	170.5	896.4	100.5	0.0247	0.0179	0.0055							
1751	-92.8	-175.8	-4562.0	143.1	668.8	141.2	0.0247	0.0179	0.0055							
1752	-165.5	-88.7	-3471.7	91.9	1067.9	239.8	0.0247	0.0179	0.0057							
1753	-253.4	-72.7	-2860.0	49.7	1213.5	302.8	0.0247	0.0179	0.0057							
1754	-290.7	-48.1	-2298.5	-25.0	1217.1	318.8	0.0247	0.0179	0.0057							
1755	-327.3	-31.4	-1801.2	-46.3	1137.6	308.4	0.0089	0.0179	0.0140							
1756	-323.0	-14.7	-1372.3	-54.9	993.5	281.0	0.0089	0.0179	0.0140							
1757	-281.0	0.9	-1019.3	-53.4	821.0	245.2	0.0089	0.0179	0.0140							
1758	-217.5	14.0	-729.6	-46.9	637.9	203.4	0.0089	0.0179	0.0140							
1759	-140.2	25.6	-490.8	-38.0	444.0	152.9	0.0089	0.0179	0.0140							
1760	-52.1	36.2	-300.9	-26.5	232.5	89.1	0.0100	0.0273	0.0244	9.81	3.61	4.03	0.00	-0.06	-0.56	0.0
1761	-219.1	-133.0	-5757.8	-39.8	466.4	-62.3	0.0247	0.0179	0.0055							
1762	-204.4	-191.2	-6042.5	24.1	838.2	58.1	0.0247	0.0179	0.0055							
1763	-132.9	-191.2	-5930.6	84.8	343.0	100.1	0.0247	0.0179	0.0055							
1764	-95.1	-143.6	-5233.4	116.3	717.8	193.8	0.0247	0.0179	0.0055							
1765	-83.0	-193.3	-5343.7	150.1	1173.4	261.9	0.0247	0.0179	0.0055							
1766	-53.9	-187.7	-5294.2	175.5	808.7	106.4	0.0247	0.0179	0.0055							
1767	-101.4	-103.0	-4365.7	112.4	859.8	140.4	0.0247	0.0179	0.0055							
1768	-187.4	-57.7	-3514.5	42.9	1125.4	362.9	0.0247	0.0179	0.0057							
1769	-253.7	-40.7	-2905.3	-32.1	1226.0	410.2	0.0247	0.0179	0.0057							
1770	-297.2	-27.1	-2356.1	-57.1	1220.2	412.9	0.0247	0.0179	0.0057							
1771	-325.2	-16.0	-1863.0	-75.5	1135.7	390.0	0.0247	0.0179	0.0057							
1772	-318.0	-3.7	-1438.0	-80.6	995.2	348.4	0.0089	0.0179	0.0140							
1773	-276.3	8.8	-1084.9	-74.7	827.7	297.7	0.0089	0.0179	0.0140							
1774	-214.6	19.6	-793.6	-63.5	649.2	240.9	0.0089	0.0179	0.0140							
1775	-139.3	29.9	-553.5	-49.6	459.6	175.3	0.0089	0.0179	0.0140							
1776	-53.0	39.7	-364.4	-32.8	253.7	96.0	0.0105	0.0267	0.0244	9.20	3.63	3.97	0.00	-0.05	-0.62	0.0
1777	-179.1	-22.1	-5960.6	-59.3	497.9	354.9	0.0247	0.0179	0.0055							
1778	-164.6	-104.9	-6317.5	-23.4	943.0	448.0	0.0247	0.0179	0.0055							
1779	-103.4	-113.4	-6215.0	52.1	406.0	484.7	0.0247	0.0179	0.0055							
1780	-116.2	-87.4	-5747.5	67.8	975.4	738.9	0.0247	0.0179	0.0055							
1781	-89.5	-142.9	-5907.4	136.4	1013.5	801.5	0.0247	0.0179	0.0055							
1782	-41.4	-100.0	-5244.9	142.3	577.4	513.6	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1783	-119.7	-34.3	-4121.8	71.4	1005.2	494.3	0.0247	0.0179	0.0057							
1784	-202.4	-29.4	-3519.1	-35.6	1161.7	505.2	0.0247	0.0179	0.0057							
1785	-242.0	-13.2	-2934.9	-69.0	1222.9	524.2	0.0247	0.0179	0.0057							
1786	-291.9	-9.8	-2404.2	-94.4	1212.6	512.4	0.0247	0.0179	0.0057							
1787	-313.1	-3.6	-1921.6	-107.9	1124.5	471.7	0.0247	0.0179	0.0057							
1788	-305.3	3.3	-1506.3	-108.1	990.2	414.4	0.0089	0.0179	0.0140							
1789	-265.4	13.3	-1157.4	-97.5	830.3	348.5	0.0089	0.0179	0.0140							
1790	-207.4	22.6	-867.4	-81.7	659.1	276.4	0.0089	0.0179	0.0140							
1791	-135.9	32.1	-628.2	-62.5	476.6	195.7	0.0089	0.0179	0.0140							
1792	-53.5	43.4	-441.1	-39.8	279.3	102.4	0.0111	0.0261	0.0244	8.69	3.70	3.96	0.00	-0.04	-0.70	0.0
1793	258.7	-134.9	-3340.2	-15.4	358.3	-61.4	0.0247	0.0179	0.0055							
1794	245.0	-117.3	-3197.2	44.1	444.8	55.9	0.0247	0.0179	0.0055							
1795	258.8	-104.0	-3037.2	61.5	565.8	82.5	0.0247	0.0179	0.0055							
1796	279.2	-90.1	-2835.3	82.2	673.8	130.3	0.0247	0.0179	0.0055							
1797	264.4	-55.5	-2625.1	82.8	787.1	145.5	0.0247	0.0179	0.0055							
1798	213.2	-3.3	-2375.8	64.3	807.4	113.8	0.0247	0.0179	0.0055							
1799	196.8	-37.7	-2658.8	84.8	527.2	106.0	0.0247	0.0179	0.0055							
1800	109.7	-91.9	-2805.5	72.4	934.3	203.0	0.0247	0.0179	0.0057							
1801	28.6	-77.4	-2467.3	50.3	1082.4	236.9	0.0247	0.0179	0.0057							
1802	-49.7	-64.1	-2083.3	28.8	1116.7	247.5	0.0247	0.0179	0.0057							
1803	-102.8	-51.3	-1705.6	-29.9	1078.1	243.8	0.0089	0.0179	0.0140							
1804	-134.6	-40.8	-1360.4	-40.5	990.4	229.8	0.0089	0.0179	0.0140							
1805	-144.8	-31.3	-1059.4	-45.3	865.1	207.8	0.0089	0.0179	0.0140							
1806	-135.2	-22.1	-811.6	-44.6	708.8	178.6	0.0089	0.0179	0.0140							
1807	-105.1	-12.5	-624.0	-37.9	526.2	141.4	0.0089	0.0179	0.0140							
1808	-58.6	-0.9	-509.0	-25.1	316.2	95.2	0.0096	0.0277	0.0244	11.40	3.94	4.46	0.00	-0.10	-0.79	0.0
1809	241.3	-25.0	-4069.0	-18.9	387.1	-355.0	0.0247	0.0179	0.0055							
1810	218.2	15.6	-3660.0	48.7	628.1	-174.4	0.0247	0.0179	0.0055							
1811	230.1	22.3	-3499.4	46.3	447.2	-150.3	0.0247	0.0179	0.0055							
1812	234.9	3.4	-3490.8	79.1	717.9	-242.6	0.0247	0.0179	0.0055							
1813	212.7	42.5	-3014.4	96.9	950.4	-48.7	0.0247	0.0179	0.0055							
1814	196.6	65.7	-2559.6	75.5	815.0	208.4	0.0247	0.0179	0.0055							
1815	182.3	2.5	-2789.5	84.7	575.6	214.0	0.0247	0.0179	0.0055							
1816	92.0	-50.3	-2880.6	67.0	966.8	282.1	0.0247	0.0179	0.0057							
1817	15.4	-47.4	-2527.9	40.7	1091.6	321.6	0.0247	0.0179	0.0057							
1818	-59.0	-42.9	-2143.5	-33.4	1118.9	328.6	0.0247	0.0179	0.0057							
1819	-108.2	-36.1	-1767.8	-50.7	1077.5	316.6	0.0089	0.0179	0.0140							
1820	-137.2	-29.7	-1425.6	-60.6	990.1	292.4	0.0089	0.0179	0.0140							
1821	-145.7	-23.4	-1127.6	-63.5	866.9	259.0	0.0089	0.0179	0.0140							
1822	-135.1	-16.2	-882.1	-59.8	714.1	217.7	0.0089	0.0179	0.0140							
1823	-105.0	-7.6	-695.8	-49.2	536.6	167.6	0.0089	0.0179	0.0140							
1824	-59.2	4.3	-580.0	-31.5	333.7	108.0	0.0100	0.0273	0.0244	10.80	3.94	4.41	0.00	-0.09	-0.87	0.0
1825	234.1	61.3	-4735.5	-37.1	414.9	245.1	0.0247	0.0179	0.0055							
1826	199.6	126.8	-4065.1	30.2	816.0	267.9	0.0247	0.0179	0.0055							
1827	204.6	131.8	-3879.2	45.1	347.6	290.3	0.0247	0.0179	0.0055							
1828	191.3	86.3	-4095.2	61.6	728.4	350.8	0.0247	0.0179	0.0055							
1829	159.9	128.0	-3351.8	36.7	1118.7	372.4	0.0247	0.0179	0.0055							
1830	176.4	112.4	-2900.0	34.6	696.3	177.5	0.0247	0.0179	0.0055							
1831	145.4	34.6	-3057.7	70.7	740.2	191.3	0.0247	0.0179	0.0057							
1832	75.0	-11.7	-2939.6	51.0	993.4	387.7	0.0247	0.0179	0.0057							
1833	1.3	-21.7	-2584.3	-34.2	1095.5	416.5	0.0247	0.0179	0.0057							
1834	-63.8	-24.6	-2202.1	-58.8	1111.9	413.7	0.0247	0.0179	0.0057							
1835	-109.7	-23.8	-1833.7	-74.7	1068.9	390.6	0.0089	0.0179	0.0140							
1836	-136.1	-21.5	-1498.2	-82.5	983.0	354.6	0.0089	0.0179	0.0140							
1837	-143.4	-17.8	-1205.9	-82.6	863.8	308.7	0.0089	0.0179	0.0140							
1838	-132.5	-12.1	-964.5	-75.3	716.8	254.5	0.0089	0.0179	0.0140							
1839	-103.5	-3.9	-780.4	-60.5	547.4	191.6	0.0089	0.0179	0.0140							
1840	-59.7	9.1	-663.8	-38.3	354.6	119.6	0.0105	0.0268	0.0244	10.22	3.99	4.38	0.00	-0.08	-0.95	0.0
1841	297.3	104.6	-4812.0	-49.8	440.3	546.6	0.0247	0.0179	0.0055							
1842	249.0	185.8	-4054.2	-19.3	898.1	629.0	0.0247	0.0179	0.0055							
1843	252.6	184.3	-3830.3	33.6	377.6	643.3	0.0247	0.0179	0.0055							
1844	228.4	151.1	-3711.4	38.7	938.3	864.8	0.0247	0.0179	0.0055							
1845	197.5	193.9	-2976.3	-66.2	906.8	868.5	0.0247	0.0179	0.0055							
1846	196.3	127.4	-3129.9	-56.6	453.5	543.9	0.0247	0.0179	0.0055							
1847	126.1	42.9	-3303.4	-31.9	873.1	507.9	0.0247	0.0179	0.0057							
1848	66.7	13.5	-2984.4	-43.1	1009.1	504.4	0.0247	0.0179	0.0057							
1849	-5.7	-5.1	-2629.2	-67.7	1086.5	518.6	0.0247	0.0179	0.0057							
1850	-62.6	-13.1	-2256.6	-87.9	1093.7	500.0	0.0247	0.0179	0.0057							
1851	-105.9	-17.3	-1901.1	-101.0	1050.8	463.8	0.0247	0.0179	0.0022							
1852	-130.1	-17.7	-1576.6	-105.7	968.2	414.8	0.0089	0.0179	0.0140							
1853	-137.1	-15.7	-1293.5	-102.3	855.1	356.1	0.0089	0.0179	0.0140							
1854	-126.9	-10.7	-1058.6	-91.1	716.5	289.1	0.0089	0.0179	0.0140							
1855	-100.3	-2.2	-878.2	-72.2	558.2	214.1	0.0089	0.0179	0.0140							
1856	-59.9	13.2	-760.8	-45.6	378.7	132.0	0.0110	0.0262	0.0244	9.72	4.09	4.39	0.00	-0.08	-1.05	0.0
1857	301.7	-230.8	-3507.0	-24.1	301.1	255.5	0.0247	0.0179	0.0055							
1858	278.8	-212.4	-3343.1	18.9	437.9	268.2	0.0247	0.0179	0.0055							
1859	265.3	-201.1	-3174.8	19.2	545.7	276.7	0.0247	0.0179	0.0055							
1860	247.9	-194.8	-2992.9	22.5	657.7	275.7	0.0247	0.0179	0.0055							
1861	209.2	-167.5	-2772.8	-19.7	735.9	278.8	0.0247	0.0179	0.0055							
1862	159.2	-135.6	-2612.1	-37.5	729.9	257.5	0.0247	0.0179	0.0055							
1863	197.1	-104.1	-2514.7	22.7	762.1	238.7	0.0247	0.0179	0.0055							
1864	241.1	-90.6	-2412.8	31.8	847.6	244.2	0.0247	0.0179	0.0057							
1865	185.1	-89.1	-2224.4	-23.1	965.4	256.9	0.0247	0.0179	0.0057							
1866	124.1	-84.5	-1950.3	-35.9	1016.2	258.4	0.0247	0.0179	0.0057							
1867	71.0	-80.7	-1658.9	-47.4	1013.7	250.5	0.0089	0.0179	0.0140							
1868	29.1	-76.7	-1376.4	-56.0	970.1	235.3	0.0089	0.0179	0.0140							
1869	-5.6	-70.8	-1118.4	-61.1	892.9	214.7	0.0089	0.0179	0.0140							
1870	-37.4	-61.7	-900.4	-61.6	779.4	190.6	0.0089	0.0179	0.0140							
1871	-63.7	-50.4	-752.9	-54.0	612.5	163.9	0.0089	0.0179	0.0140							
1872	-38.8	-33.4	-697.1	-32.8	413.1	129.9	0.0095	0.0277	0.0244	17.23	5.92	6.72	0.00	-0.18	-1.08	0.0
1873	353.4	-86.0	-3618.3	-26.9	314.8	250.5	0.0247	0.0179	0.0055							
1874	288.3	-83.7	-3445.9	25.1	444.5	255.1	0.0247	0.0179	0.0055							
1875	266.9	-74.3	-3263.5	-22.7	563.5	267.4	0.0247	0.0179	0.0055							
1876	275.8	-58.0	-3053.2	22.1	662.8	286.2	0.0247	0.0179	0.0055							
1877	208.5	-61.0	-2842.6	29.6	730.4	286.7	0.0247	0.0179	0.0055							
1878	152.6	-80.8	-2703.1	-30.2	722.2	275.3	0.0247	0.0179	0.0055							
1879	198.2	-75.6	-2600.3	32.3	769.8	289.5	0.0247	0.0179	0.0055							
1880	230.7	-66.9	-2475.8	35.3	855.0	315.7	0.0247	0.0179	0.0057							
1881	173.1	-72.3	-2278.4	-36.5	964.4	332.0	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1882	113.9	-72.2	-2006.7	-53.7	1010.5	331.0	0.0247	0.0179	0.0057							
1883	62.0	-71.6	-1720.9	-67.2	1006.8	317.1	0.0089	0.0179	0.0140							
1884	21.1	-69.9	-1445.2	-76.0	964.0	294.0	0.0089	0.0179	0.0140							
1885	-12.2	-65.7	-1195.0	-80.1	888.9	264.7	0.0089	0.0179	0.0140							
1886	-41.6	-56.9	-985.5	-78.2	779.2	231.2	0.0089	0.0179	0.0140							
1887	-63.6	-43.4	-843.6	-67.0	618.8	194.7	0.0089	0.0179	0.0140							
1888	-39.5	-23.7	-786.3	-41.3	429.0	150.1	0.0099	0.0274	0.0244	16.09	5.83	6.53	0.00	-0.16	-1.17	0.0
1889	398.1	47.5	-3793.3	-39.5	327.5	387.2	0.0247	0.0179	0.0055							
1890	290.3	36.0	-3604.8	-20.1	455.6	405.2	0.0247	0.0179	0.0055							
1891	255.5	43.2	-3397.0	-25.8	584.8	425.4	0.0247	0.0179	0.0055							
1892	290.8	75.9	-3136.9	-33.0	669.7	435.3	0.0247	0.0179	0.0055							
1893	199.1	39.1	-2954.4	-62.6	701.4	419.5	0.0247	0.0179	0.0055							
1894	155.9	-14.4	-2813.0	-70.3	731.2	397.3	0.0247	0.0179	0.0055							
1895	209.8	-26.3	-2686.2	-33.5	769.4	391.0	0.0247	0.0179	0.0057							
1896	210.3	-42.6	-2547.4	-34.7	867.0	398.7	0.0247	0.0179	0.0057							
1897	158.5	-56.0	-2332.9	-55.3	958.2	412.8	0.0247	0.0179	0.0057							
1898	102.2	-62.0	-2066.3	-74.1	997.4	405.3	0.0247	0.0179	0.0057							
1899	53.1	-64.6	-1789.4	-87.9	991.4	383.4	0.0089	0.0179	0.0140							
1900	13.8	-64.6	-1523.8	-95.9	949.5	351.3	0.0089	0.0179	0.0140							
1901	-17.9	-61.4	-1284.0	-97.9	877.4	312.2	0.0089	0.0179	0.0140							
1902	-44.7	-52.6	-1084.1	-93.0	773.1	268.4	0.0089	0.0179	0.0140							
1903	-62.5	-36.9	-946.9	-78.0	621.8	220.9	0.0089	0.0179	0.0140							
1904	-40.5	-14.9	-886.1	-49.2	446.2	165.5	0.0104	0.0269	0.0244	14.84	5.73	6.31	0.00	-0.14	-1.26	0.0
1905	431.3	59.4	-3863.4	-50.3	327.4	622.9	0.0247	0.0179	0.0055							
1906	303.8	48.0	-3645.8	-35.6	474.7	624.0	0.0247	0.0179	0.0055							
1907	259.4	49.5	-3378.3	-37.8	614.7	649.3	0.0247	0.0179	0.0055							
1908	257.2	48.2	-3119.3	-51.8	640.0	640.3	0.0247	0.0179	0.0055							
1909	157.6	7.4	-2979.4	-105.4	656.3	591.4	0.0247	0.0179	0.0055							
1910	184.2	2.0	-2846.5	-107.0	694.2	536.9	0.0247	0.0179	0.0055							
1911	237.7	-2.1	-2747.0	-70.8	743.5	497.2	0.0247	0.0179	0.0057							
1912	196.7	-31.2	-2610.6	-66.8	865.6	501.8	0.0247	0.0179	0.0057							
1913	146.1	-47.1	-2384.5	-79.9	942.2	497.6	0.0247	0.0179	0.0057							
1914	92.1	-56.9	-2126.5	-96.5	974.6	479.6	0.0247	0.0179	0.0057							
1915	45.8	-61.4	-1862.6	-108.8	966.3	447.8	0.0089	0.0179	0.0140							
1916	8.3	-62.5	-1611.0	-114.8	925.6	406.0	0.0089	0.0179	0.0140							
1917	-21.6	-59.6	-1384.1	-114.0	857.2	356.9	0.0089	0.0179	0.0140							
1918	-45.8	-50.6	-1194.9	-105.5	759.9	302.9	0.0089	0.0179	0.0140							
1919	-60.2	-33.5	-1061.1	-86.8	621.3	244.5	0.0089	0.0179	0.0140							
1920	-42.2	-9.9	-993.8	-56.0	464.2	180.0	0.0109	0.0264	0.0244	13.60	5.64	6.09	0.00	-0.13	-1.36	0.0
1921	341.6	-136.1	-3263.6	-31.2	246.7	330.2	0.0247	0.0089	0.0055							
1922	325.5	-136.1	-3134.2	-28.8	381.7	322.4	0.0247	0.0089	0.0055							
1923	307.0	-131.6	-2984.7	-29.4	498.4	318.9	0.0247	0.0089	0.0055							
1924	286.7	-124.7	-2822.0	-36.5	591.6	314.2	0.0247	0.0089	0.0055							
1925	266.3	-124.7	-2665.7	-43.6	657.7	301.3	0.0247	0.0089	0.0055							
1926	266.7	-127.3	-2521.6	-43.7	715.3	290.2	0.0247	0.0089	0.0055							
1927	269.5	-127.3	-2379.4	-47.0	774.6	282.3	0.0247	0.0089	0.0055							
1928	269.2	-123.0	-2225.1	-47.5	832.6	275.0	0.0247	0.0089	0.0057							
1929	268.1	-120.8	-2049.5	-50.0	885.7	269.6	0.0247	0.0089	0.0057							
1930	249.5	-121.3	-1846.4	-56.1	925.0	262.9	0.0089	0.0089	0.0140							
1931	229.1	-120.5	-1623.0	-62.6	937.2	251.8	0.0089	0.0089	0.0140							
1932	211.7	-115.1	-1396.0	-68.4	926.1	236.3	0.0089	0.0089	0.0140							
1933	194.1	-102.9	-1174.9	-73.4	898.3	218.2	0.0202	0.0089	0.0140							
1934	163.8	-86.1	-964.5	-77.5	857.9	200.7	0.0202	0.0089	0.0140							
1935	92.3	-68.8	-775.7	-78.5	792.1	191.1	0.0202	0.0089	0.0140							
1936	-74.7	-65.4	-752.0	-60.0	535.0	196.4	0.0095	0.0188	0.0244	23.84	12.03	9.27	0.00	-0.26	-1.31	0.0
1937	346.1	-121.9	-3289.7	-40.5	236.6	409.6	0.0247	0.0089	0.0055							
1938	331.5	-119.9	-3162.0	-39.9	378.0	400.6	0.0247	0.0089	0.0055							
1939	306.8	-116.8	-3007.0	-37.1	496.3	397.8	0.0247	0.0089	0.0055							
1940	274.0	-116.6	-2843.5	-48.1	582.6	392.9	0.0247	0.0089	0.0055							
1941	260.8	-117.8	-2695.4	-59.9	641.4	378.6	0.0247	0.0089	0.0055							
1942	264.4	-114.7	-2558.3	-58.5	703.7	364.0	0.0247	0.0089	0.0055							
1943	263.2	-114.2	-2419.8	-59.9	764.5	353.6	0.0247	0.0089	0.0055							
1944	259.7	-115.6	-2269.6	-62.3	824.7	346.4	0.0247	0.0089	0.0057							
1945	254.7	-115.2	-2096.7	-67.9	878.0	340.2	0.0247	0.0089	0.0057							
1946	234.3	-116.8	-1898.9	-76.2	916.4	330.1	0.0247	0.0089	0.0057							
1947	213.0	-117.2	-1683.4	-84.0	928.8	313.9	0.0089	0.0089	0.0140							
1948	194.5	-113.8	-1465.3	-90.1	919.5	292.3	0.0089	0.0089	0.0140							
1949	175.8	-102.6	-1254.5	-94.5	895.2	267.8	0.0202	0.0089	0.0140							
1950	145.2	-84.2	-1057.3	-98.1	859.5	245.1	0.0202	0.0089	0.0140							
1951	77.8	-63.3	-888.2	-98.7	797.5	232.4	0.0202	0.0089	0.0140							
1952	-70.9	-47.7	-872.3	-75.3	547.9	233.2	0.0099	0.0185	0.0244	21.67	11.58	8.75	0.00	-0.22	-1.42	0.0
1953	350.7	-92.5	-3318.7	-47.1	224.3	506.3	0.0247	0.0089	0.0055							
1954	337.0	-90.6	-3192.3	-47.8	372.1	495.7	0.0247	0.0089	0.0055							
1955	306.1	-91.2	-3030.7	-52.1	491.2	489.4	0.0247	0.0089	0.0055							
1956	259.6	-103.0	-2870.6	-64.9	568.1	477.1	0.0247	0.0089	0.0055							
1957	256.5	-104.2	-2727.3	-70.0	624.8	459.6	0.0247	0.0089	0.0055							
1958	259.3	-101.3	-2599.0	-70.5	686.7	445.9	0.0247	0.0089	0.0055							
1959	251.6	-106.4	-2466.4	-78.7	751.5	433.8	0.0247	0.0089	0.0057							
1960	249.0	-108.3	-2317.4	-80.8	811.2	423.2	0.0247	0.0089	0.0057							
1961	237.4	-110.8	-2148.5	-86.9	864.8	412.3	0.0247	0.0089	0.0057							
1962	215.6	-113.3	-1957.0	-96.7	900.5	397.4	0.0247	0.0089	0.0057							
1963	193.4	-114.1	-1751.8	-105.3	912.1	375.2	0.0089	0.0089	0.0140							
1964	174.0	-111.6	-1545.4	-111.1	903.7	346.9	0.0089	0.0089	0.0140							
1965	154.2	-101.7	-1347.1	-114.2	882.6	315.1	0.0089	0.0089	0.0140							
1966	123.3	-81.6	-1164.5	-116.1	853.0	284.7	0.0202	0.0089	0.0140							
1967	60.5	-54.5	-1016.1	-115.3	798.3	264.9	0.0202	0.0089	0.0140							
1968	-65.1	-23.7	-1005.3	-88.3	558.4	255.1	0.0103	0.0180	0.0244	19.29	11.04	8.15	0.00	-0.17	-1.52	0.0
1969	353.1	-77.9	-3328.4	-55.3	210.7	626.0	0.0247	0.0089	0.0055							
1970	336.8	-81.8	-3204.4	-60.6	361.0	611.4	0.0247	0.0089	0.0055							
1971	294.3	-88.6	-3046.5	-69.0	473.7	594.9	0.0247	0.0089	0.0055							
1972	250.6	-97.3	-2895.0	-84.6	545.2	571.7	0.0247	0.0089	0.0055							
1973	255.6	-97.8	-2760.7	-83.1	604.2	548.6	0.0247	0.0089	0.0055							
1974	245.7	-103.4	-2638.3	-86.0	668.6	533.1	0.0247	0.0089	0.0055							
1975	237.1	-107.2	-2507.1	-93.4	731.0	518.8	0.0247	0.0089	0.0057							
1976	237.0	-106.7	-2363.6	-97.4	789.2	501.7	0.0247	0.0089	0.0057							
1977	218.3	-110.5	-2201.9	-106.0	843.4	485.3	0.0247	0.0089	0.0057							
1978	194.3	-113.1	-2019.2	-116.2	876.0	463.5	0.0247	0.0089	0.0057							
1979	170.8	-113.5	-1827.1	-125.0	885.7	434.7	0.0089	0.0089	0.0140							
1980	150.5	-110.3	-1635.3	-130.2	876.6	399.7	0.0089	0.0089	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1981	130.0	-100.6	-1451.8	-131.4	855.9	360.5	0.0089	0.0089	0.0140							
1982	99.5	-79.7	-1283.9	-129.8	829.3	320.9	0.0089	0.0089	0.0140							
1983	41.5	-47.3	-1151.2	-125.5	782.8	288.2	0.0089	0.0089	0.0140							
1984	-60.2	-1.5	-1135.8	-96.6	559.8	261.2	0.0108	0.0175	0.0244	16.58	10.26	7.35	0.00	-0.13	-1.61	0.0
1985	336.3	-147.0	-2968.7	-30.7	204.4	345.1	0.0247	0.0089	0.0038							
1986	332.3	-146.4	-2865.3	-34.4	329.3	336.0	0.0247	0.0089	0.0038							
1987	324.3	-146.5	-2745.2	-39.4	437.4	327.4	0.0247	0.0089	0.0038							
1988	316.3	-147.7	-2616.4	-45.1	526.6	317.9	0.0247	0.0089	0.0038							
1989	314.9	-148.6	-2485.3	-50.3	600.9	308.0	0.0247	0.0089	0.0038							
1990	317.8	-149.5	-2353.1	-55.0	664.6	297.8	0.0247	0.0089	0.0038							
1991	325.9	-151.3	-2218.6	-58.2	719.5	288.3	0.0247	0.0089	0.0057							
1992	336.4	-154.6	-2078.4	-61.8	767.0	280.0	0.0247	0.0089	0.0057							
1993	347.3	-157.6	-1929.6	-65.2	803.4	271.5	0.0247	0.0089	0.0057							
1994	363.2	-159.1	-1771.1	-68.0	825.7	261.6	0.0089	0.0089	0.0140							
1995	386.2	-155.4	-1603.6	-69.9	833.1	249.7	0.0089	0.0089	0.0140							
1996	422.4	-141.6	-1431.2	-70.7	827.3	235.4	0.0202	0.0089	0.0140							
1997	477.4	-117.0	-1257.6	-71.8	816.0	219.5	0.0202	0.0089	0.0140							
1998	554.6	-84.0	-1076.3	-75.8	816.1	204.7	0.0202	0.0089	0.0140							
1999	649.6	-44.8	-855.1	-83.9	868.5	200.8	0.0202	0.0089	0.0140							
2000	706.5	6.0	-439.2	-104.7	1139.0	266.0	0.0208	0.0257	0.0244	67.84	54.86	57.72	0.00	-1.34	-2.62	0.0
2001	332.3	-148.9	-2976.7	-38.0	197.0	430.5	0.0247	0.0089	0.0038							
2002	326.4	-149.0	-2875.5	-43.7	321.1	420.1	0.0247	0.0089	0.0038							
2003	316.1	-150.0	-2758.7	-51.7	427.3	409.2	0.0247	0.0089	0.0038							
2004	308.2	-151.3	-2634.8	-58.7	515.5	396.9	0.0247	0.0089	0.0038							
2005	304.5	-152.2	-2508.2	-64.6	590.3	385.1	0.0247	0.0089	0.0038							
2006	305.8	-154.1	-2380.9	-71.4	653.5	373.5	0.0247	0.0089	0.0038							
2007	312.2	-156.0	-2251.6	-76.8	709.6	362.0	0.0247	0.0089	0.0057							
2008	320.5	-157.5	-2115.8	-82.0	758.1	350.8	0.0247	0.0089	0.0057							
2009	329.2	-159.8	-1972.0	-87.0	795.5	339.1	0.0247	0.0089	0.0057							
2010	343.1	-161.2	-1820.0	-91.2	818.8	325.6	0.0089	0.0089	0.0140							
2011	364.4	-159.3	-1661.0	-93.5	827.7	309.4	0.0089	0.0089	0.0140							
2012	398.6	-147.8	-1498.4	-93.5	824.7	290.3	0.0089	0.0089	0.0140							
2013	449.5	-122.1	-1335.7	-92.6	817.5	269.7	0.0202	0.0089	0.0140							
2014	519.5	-85.1	-1167.8	-96.1	822.7	252.6	0.0202	0.0089	0.0140							
2015	605.1	-45.7	-966.5	-109.9	878.8	254.0	0.0202	0.0089	0.0140							
2016	655.5	-15.7	-617.5	-143.3	1142.4	346.5	0.0211	0.0254	0.0244	62.86	52.40	54.38	0.00	-1.25	-2.72	0.0
2017	324.7	-153.7	-2982.6	-44.9	187.5	519.8	0.0247	0.0089	0.0038							
2018	317.1	-154.5	-2885.0	-53.5	309.7	506.6	0.0247	0.0089	0.0038							
2019	304.7	-156.5	-2773.6	-62.7	413.4	492.6	0.0247	0.0089	0.0038							
2020	297.6	-156.7	-2655.1	-70.8	501.2	478.3	0.0247	0.0089	0.0038							
2021	290.5	-158.3	-2534.0	-79.1	575.8	464.1	0.0247	0.0089	0.0038							
2022	290.2	-160.1	-2411.8	-87.1	639.0	449.4	0.0247	0.0089	0.0038							
2023	295.0	-160.5	-2287.6	-93.1	695.5	435.6	0.0247	0.0089	0.0057							
2024	299.3	-161.9	-2157.3	-100.9	744.7	422.0	0.0247	0.0089	0.0057							
2025	305.5	-163.0	-2019.5	-108.2	782.2	406.9	0.0247	0.0089	0.0057							
2026	316.1	-163.5	-1875.4	-114.4	806.2	389.4	0.0089	0.0089	0.0140							
2027	334.8	-161.8	-1726.5	-118.2	816.2	368.7	0.0089	0.0089	0.0140							
2028	366.5	-153.3	-1575.5	-118.4	815.6	344.5	0.0089	0.0089	0.0140							
2029	413.8	-129.4	-1425.4	-115.5	813.5	318.0	0.0202	0.0089	0.0140							
2030	476.1	-86.1	-1272.8	-115.8	828.5	295.1	0.0202	0.0089	0.0140							
2031	547.7	-35.9	-1097.4	-133.8	900.2	296.8	0.0202	0.0089	0.0140							
2032	588.3	-12.7	-841.7	-185.4	1176.9	414.0	0.0216	0.0249	0.0244	58.05	50.20	51.22	0.00	-1.14	-2.88	0.0
2033	312.5	-164.4	-2983.2	-50.0	175.5	608.8	0.0247	0.0089	0.0038							
2034	304.1	-164.1	-2891.8	-61.6	294.0	593.2	0.0247	0.0089	0.0038							
2035	292.4	-165.4	-2788.0	-72.7	395.7	576.0	0.0247	0.0089	0.0038							
2036	283.6	-166.0	-2676.0	-80.9	483.7	559.5	0.0247	0.0089	0.0038							
2037	273.3	-167.1	-2560.6	-91.3	557.2	543.3	0.0247	0.0089	0.0038							
2038	272.6	-167.1	-2444.9	-99.9	619.9	526.0	0.0247	0.0089	0.0057							
2039	273.6	-167.7	-2326.9	-108.2	677.4	509.5	0.0247	0.0089	0.0057							
2040	273.1	-168.9	-2202.5	-117.8	726.1	492.7	0.0247	0.0089	0.0057							
2041	276.1	-168.6	-2072.0	-127.0	762.9	473.6	0.0247	0.0089	0.0057							
2042	282.1	-167.5	-1937.3	-135.5	787.0	452.0	0.0247	0.0089	0.0022							
2043	295.8	-164.0	-1799.6	-142.0	797.3	426.9	0.0089	0.0089	0.0140							
2044	322.3	-155.9	-1661.6	-144.8	797.4	398.2	0.0089	0.0089	0.0140							
2045	364.8	-136.9	-1525.1	-142.8	796.8	366.4	0.0202	0.0089	0.0140							
2046	421.7	-93.5	-1387.7	-138.8	816.4	334.2	0.0202	0.0089	0.0140							
2047	482.2	-21.7	-1236.9	-150.8	905.3	321.8	0.0202	0.0089	0.0140							
2048	510.2	24.8	-1075.8	-215.0	1217.2	435.7	0.0221	0.0244	0.0244	53.06	47.88	47.89	0.00	-1.02	-3.03	0.0
2049	53.4	-124.3	60.9	-41.8	130.9	19.2	0.0331	0.0462	0.0022	5.71	4.09	84.54	0.00	-0.24	-0.34	0.0
2050	105.0	-138.3	-83.4	-61.7	96.6	-38.4	0.0331	0.0462	0.0022	4.92	3.52	72.91	0.00	-0.28	-0.32	0.0
2051	69.5	-163.8	-154.5	-73.9	-20.8	-30.1	0.0331	0.0462	0.0022	2.76	1.98	40.96	0.00	-0.22	-0.30	0.0
2052	-113.1	-221.3	-250.4	-73.6	-201.4	17.3	0.0331	0.0462	0.0022	1.49	1.06	22.03	0.00	-0.28	-0.45	0.0
2053	-539.8	-339.5	-455.5	-53.7	-516.5	96.6	0.0331	0.0462	0.0022	1.52	1.09	22.48	0.00	-0.42	-1.07	0.0
2054	-1450.5	-665.7	-1490.7	142.0	-1394.3	331.2	0.0331	0.0462	0.0057				-0.05	-0.65	-2.92	
2055	-2571.4	-1090.4	-3121.8	278.7	-1385.8	387.9	0.0331	0.0462	0.0057				-1.02	-1.44	-4.33	
2056	-4219.6	-1399.8	-3752.7	518.3	-2318.8	438.9	0.0331	0.0462	0.0057				-1.31	-1.66	-6.41	
2057	-7974.4	-2844.1	-10596.3	915.7	-7909.7	1098.8	0.0331	0.0462	0.0057				-1.27	-2.70	-17.44	
2058	-2291.0	-2543.9	-16408.1	-166.1	-1584.3	278.0	0.0331	0.0462	0.0055				-2.04	-2.62	-16.59	
2059	-2111.8	-1815.9	-13514.8	-148.1	-270.3	-237.5	0.0331	0.0462	0.0055				-1.75	-2.16	-13.53	
2060	-2189.2	-1387.6	-12512.9	-121.3	155.6	-358.6	0.0331	0.0462	0.0055				-1.36	-2.21	-12.53	
2061	-2051.3	-1262.2	-11814.8	-114.6	210.0	-477.0	0.0331	0.0462	0.0055				-1.22	-2.07	-11.84	
2062	-1868.8	-1216.1	-11256.0	8.0	324.2	-543.4	0.0331	0.0462	0.0055				-1.19	-1.86	-11.30	
2063	-1830.4	-1076.6	-10938.4	118.8	437.6	-511.0	0.0331	0.0462	0.0055				-1.04	-1.82	-10.99	
2064	-1842.5	-929.8	-10702.6	78.6	444.7	-433.9	0.0331	0.0462	0.0055				-0.91	-1.82	-10.74	
2065	46.1	-127.5	63.7	-60.8	135.9	-25.7	0.0331	0.0462	0.0022	6.11	4.38	90.53	0.00	-0.27	-0.35	0.0
2066	89.5	-141.2	-87.3	-88.8	96.0	-50.0	0.0331	0.0462	0.0022	4.99	3.57	73.93	0.00	-0.29	-0.34	0.0
2067	44.4	-167.5	-168.4	-104.7	-29.4	-35.4	0.0331	0.0462	0.0022	2.66	1.91	39.46	0.00	-0.23	-0.33	0.0
2068	-152.4	-234.4	-281.5	-97.2	-229.2	25.5	0.0331	0.0462	0.0022	1.56	1.12	23.14	0.00	-0.31	-0.51	0.0
2069	-676.8	-403.9	-804.2	-58.1	-768.0	-89.5	0.0331	0.0462	0.0022	0.93	0.67	13.83	0.00	-0.43	-1.55	0.0
2070	-1463.5	-701.3	-1913.9	141.2	-1061.3	-20.9	0.0331	0.0462	0.0057				-0.52	-0.78	-2.78	
2071	-2499.4	-1016.0	-2880.6	342.4	-1332.5	328.0	0.0331	0.0462	0.0057				-0.94	-1.35	-4.11	
2072	-4136.8	-1357.5	-3576.1	682.7	-2392.3	671.5	0.0331	0.0462	0.0057				-1.17	-1.46	-6.44	
2073	-8083.4	-2874.6	-10962.7	1362.9	-8393.3	1742.1	0.0331	0.0462	0.0057				-1.00	-2.56	-18.35	
2074	-2366.2	-2552.0	-17286.9	-114.1	-1799.8	618.3	0.0331	0.0462	0.0055				-2.08	-2.60	-17.53	
2075	-1840.7	-1999.0	-11783.6	71.4	1481.8	1465.4	0.0331	0.0462	0.0055				-1.42	-2.00	-12.20	
2076	-1548.6	-1475.5	-7786.3	96.3	-280.1	2713.4	0.0331	0.0462	0.0055				-0.47	-1.54	-8.80	
2077	-1886.9	-1553.4	-9187.2	-30.7	-1480.5	1394.6	0.0331	0.0462	0.0055				-1.14	-1.78	-9.70	
2078	-1475.6	-1553.8	-10635.8	-3.3	271.0	87.9	0.0331	0.0462	0.0055				-1.47	-1.55	-10.64	
2079	-1763.3	-1469.2	-8590.0	56.0	1924.3	1116.2	0.0331	0.0462	0.0055				-0.95	-1.63	-9.24	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2080	-1303.9	-1271.9	-6307.4	-48.1	637.1	2501.3	0.0331	0.0462	0.0055				-0.20	-1.28	-7.40	
2081	34.0	-130.0	66.9	-81.3	141.0	-36.7	0.0331	0.0462	0.0022	6.41	4.59	94.94	0.00	-0.29	-0.38	0.0
2082	65.9	-140.9	-91.2	-116.7	94.0	-61.4	0.0331	0.0462	0.0022	5.03	3.60	74.45	0.00	-0.30	-0.36	0.0
2083	9.5	-165.0	-183.0	-136.0	-39.4	-38.4	0.0331	0.0462	0.0022	2.56	1.84	37.97	0.00	-0.24	-0.36	0.0
2084	-197.3	-227.9	-320.6	-126.4	-253.6	55.5	0.0331	0.0462	0.0022	1.93	1.38	28.53	0.00	-0.35	-0.59	0.0
2085	-689.9	-412.7	-864.1	38.3	-754.2	452.2	0.0331	0.0462	0.0057	4.20	3.01	24.56	0.00	-0.60	-1.79	0.0
2086	-1417.6	-702.3	-1938.0	179.4	-1030.0	569.2	0.0331	0.0462	0.0057				-0.38	-0.79	-2.88	
2087	-2332.3	-1019.1	-2880.1	405.8	-1268.4	465.1	0.0331	0.0462	0.0057				-0.89	-1.31	-4.03	
2088	-3531.0	-1403.7	-3458.9	922.1	-1888.9	963.9	0.0331	0.0462	0.0057				-1.00	-1.61	-5.79	
2089	-5806.3	-2983.2	-7335.4	2104.3	-5361.3	4109.5	0.0331	0.0462	0.0057				-0.12	-2.16	-13.85	
2090	-4762.5	-3518.1	-13975.0	1172.3	-4344.0	3564.8	0.0331	0.0462	0.0055				-2.39	-3.11	-16.76	
2091	-1827.1	-2177.0	-12989.1	-379.8	1218.7	-1532.2	0.0331	0.0462	0.0055				-1.28	-2.39	-13.32	
2092	-1224.5	-1178.6	-6674.8	26.1	1204.6	-1790.6	0.0331	0.0462	0.0055				-0.47	-1.19	-7.43	
2093	-1819.8	-1345.6	-7549.0	104.2	-2929.1	139.7	0.0331	0.0462	0.0055				-0.59	-1.34	-8.79	
2094	-1283.2	-1854.9	-11274.4	27.2	261.0	-91.8	0.0331	0.0462	0.0055				-1.28	-1.86	-11.28	
2095	-1788.0	-1268.1	-7280.0	-21.6	3677.2	-125.2	0.0331	0.0462	0.0055	1.80	1.29	10.94	0.00	-1.33	-9.18	0.0
2096	-664.5	-339.1	-2411.1	35.2	948.9	242.3	0.0331	0.0462	0.0055				-0.15	-0.42	-2.84	
2097	16.7	-128.7	71.6	-104.0	143.9	-47.6	0.0331	0.0462	0.0022	6.70	4.80	99.22	0.00	-0.30	-0.41	0.0
2098	34.4	-136.8	-94.5	-143.3	90.9	-71.2	0.0331	0.0462	0.0022	5.02	3.59	74.30	0.00	-0.31	-0.39	0.0
2099	-30.7	-155.2	-196.2	-160.2	-45.8	-35.8	0.0331	0.0462	0.0022	2.42	1.73	35.84	0.00	-0.25	-0.38	0.0
2100	-222.1	-212.0	-335.5	-134.2	-236.6	90.2	0.0331	0.0462	0.0022	1.82	1.30	26.89	0.00	-0.37	-0.58	0.0
2101	-581.6	-342.6	-581.5	-51.6	-511.1	170.7	0.0331	0.0462	0.0022	0.08	0.06	1.15	0.00	-0.41	-1.10	0.0
2102	-1336.9	-670.0	-1574.2	175.9	-1358.5	383.7	0.0331	0.0462	0.0057				-0.06	-0.63	-2.89	
2103	-2124.2	-1103.4	-3186.3	358.9	-1210.7	280.5	0.0331	0.0462	0.0057				-0.98	-1.39	-4.04	
2104	-2904.0	-1505.9	-3841.1	633.5	-1385.9	351.5	0.0331	0.0462	0.0057				-1.24	-2.05	-4.96	
2105	-3685.6	-1617.9	-4051.4	716.8	-2051.3	410.1	0.0331	0.0462	0.0057				-1.35	-1.94	-6.07	
2106	-7016.3	-2956.5	-10365.8	1287.1	-7213.0	1560.1	0.0331	0.0462	0.0057				-1.29	-2.65	-16.40	
2107	-2162.4	-2407.6	-16210.7	-282.7	-1286.5	362.7	0.0331	0.0462	0.0055				-1.86	-2.58	-16.34	
2108	-1619.6	-1596.4	-10452.5	-42.9	2448.6	-769.3	0.0331	0.0462	0.0055				-0.90	-1.63	-11.14	
2109	-1827.2	-1451.2	-8354.3	30.8	-2628.1	-131.1	0.0331	0.0462	0.0055				-0.89	-1.46	-9.28	
2110	-1341.0	-1919.2	-11762.3	11.4	329.4	-229.3	0.0331	0.0462	0.0055				-1.33	-1.91	-11.78	
2111	-1892.2	-1326.2	-7780.7	72.5	4075.7	-351.8	0.0331	0.0462	0.0055	5.97	4.27	36.21	0.00	-1.52	-10.08	0.0
2112	-771.6	-262.3	-2593.2	37.6	1157.3	-147.4	0.0331	0.0462	0.0055				-0.19	-0.27	-3.16	
2113	-53.9	67.4	64.2	22.9	-29.9	46.5	0.0097	0.0455	0.0127	11.62	2.47	8.85	0.00	-0.08	-0.18	0.0
2114	-268.5	20.3	-278.6	31.1	-216.6	60.7	0.0089	0.0357	0.0022							
2115	-559.3	-32.2	-522.7	64.1	-474.5	89.9	0.0089	0.0357	0.0022							
2116	-923.9	-102.7	-819.2	112.6	-859.6	145.3	0.0089	0.0357	0.0022							
2117	-1341.6	-219.3	-1371.2	173.1	-1421.7	231.0	0.0089	0.0357	0.0022							
2118	-1624.8	-345.1	-2279.1	224.7	-2020.0	352.6	0.0247	0.0357	0.0057							
2119	-1901.1	-485.1	-3618.9	216.0	-2722.2	518.7	0.0247	0.0357	0.0057							
2120	-2140.9	-750.2	-6013.5	147.5	-3549.2	664.4	0.0247	0.0357	0.0057							
2121	-348.7	-704.8	-8327.7	-272.8	-2867.5	533.2	0.0247	0.0357	0.0057							
2122	-400.9	-888.0	-9874.1	-376.9	-1853.5	283.0	0.0247	0.0357	0.0055							
2123	-704.8	-741.7	-10116.8	-411.4	-174.0	-278.8	0.0247	0.0357	0.0055							
2124	-1004.2	-370.1	-9020.9	-365.6	369.7	-613.4	0.0247	0.0357	0.0055							
2125	-1078.5	-229.5	-8327.9	-282.5	371.8	-930.0	0.0247	0.0357	0.0055							
2126	-1030.2	-176.0	-7895.8	-92.6	437.2	-1119.9	0.0247	0.0357	0.0055							
2127	-1044.7	-21.5	-7409.4	96.1	532.5	-1042.1	0.0247	0.0357	0.0055							
2128	-1085.3	138.5	-6933.4	95.6	474.5	-864.0	0.0247	0.0357	0.0055							
2129	-57.3	71.7	59.9	24.4	-47.7	-58.0	0.0102	0.0450	0.0127	13.51	3.05	10.79	0.00	-0.13	-0.21	0.0
2130	-280.0	27.4	-292.9	37.7	-240.3	58.4	0.0089	0.0357	0.0022							
2131	-573.8	-25.2	-554.4	81.5	-504.5	105.8	0.0089	0.0357	0.0022							
2132	-936.1	-91.7	-885.8	141.1	-899.0	187.3	0.0089	0.0357	0.0022							
2133	-1273.8	-170.6	-1426.2	211.7	-1403.8	333.2	0.0089	0.0357	0.0022							
2134	-1563.7	-308.4	-2294.5	294.4	-2004.1	503.3	0.0247	0.0357	0.0057							
2135	-1896.3	-496.4	-3614.1	340.4	-2634.2	695.9	0.0247	0.0357	0.0057							
2136	-2122.6	-725.0	-5879.1	337.9	-3483.3	980.5	0.0247	0.0357	0.0057							
2137	-318.2	-508.3	-8016.6	-118.2	-2781.0	1016.3	0.0247	0.0357	0.0057							
2138	-371.1	-717.1	-9490.0	-285.5	-1974.7	879.2	0.0247	0.0357	0.0055							
2139	-813.9	-1099.2	-10222.1	-225.8	-544.7	353.1	0.0247	0.0357	0.0055							
2140	-1346.0	-1063.6	-9571.8	-232.3	212.5	76.5	0.0247	0.0357	0.0055							
2141	-1025.5	-753.6	-8795.7	-315.7	211.8	76.1	0.0247	0.0357	0.0055							
2142	-787.4	-621.9	-8364.6	-57.9	423.9	-76.2	0.0247	0.0357	0.0055							
2143	-1002.6	-517.2	-7817.1	250.2	737.3	56.1	0.0247	0.0357	0.0055							
2144	-1454.1	-411.8	-7074.8	156.7	736.5	226.7	0.0247	0.0357	0.0055							
2145	-61.3	75.2	53.3	27.5	-70.8	-71.8	0.0107	0.0444	0.0127	14.73	3.56	12.43	0.00	-0.15	-0.25	0.0
2146	-289.3	31.7	-309.8	48.6	-268.1	59.6	0.0089	0.0357	0.0022							
2147	-577.7	-26.6	-591.1	108.1	-533.5	128.7	0.0089	0.0357	0.0022							
2148	-917.2	-105.8	-943.1	198.3	-915.9	250.8	0.0089	0.0357	0.0022							
2149	-1224.1	-195.6	-1486.2	277.3	-1387.0	390.9	0.0089	0.0357	0.0022							
2150	-1483.7	-324.0	-2316.5	316.4	-1935.3	600.2	0.0247	0.0357	0.0057							
2151	-1737.1	-552.1	-3547.7	403.2	-2486.8	854.5	0.0247	0.0357	0.0057							
2152	-1908.2	-867.4	-5451.5	501.0	-3123.5	1222.8	0.0247	0.0357	0.0057							
2153	-1022.8	-830.7	-7628.3	63.6	-2952.9	1196.2	0.0247	0.0357	0.0057							
2154	-168.5	-690.4	-9043.2	-725.8	-1970.3	933.5	0.0247	0.0357	0.0055							
2155	-616.8	-1132.6	-9665.2	-487.8	-904.6	699.9	0.0247	0.0357	0.0055							
2156	-1398.7	-1447.9	-9604.5	-144.6	-208.0	267.0	0.0247	0.0357	0.0055							
2157	-986.0	-1200.2	-8862.8	-89.7	283.8	-117.6	0.0247	0.0357	0.0055							
2158	-454.4	-897.4	-8095.1	-25.7	494.3	-55.7	0.0247	0.0357	0.0055							
2159	-871.8	-998.9	-7451.2	133.9	951.8	187.8	0.0247	0.0357	0.0055							
2160	-1809.3	-1151.4	-6480.6	74.0	983.7	371.9	0.0247	0.0357	0.0055							
2161	-64.9	77.0	44.2	30.8	-100.1	-84.2	0.0114	0.0438	0.0127	15.79	4.11	14.15	0.00	-0.18	-0.31	0.0
2162	-293.3	30.3	-329.4	60.4	-298.4	62.2	0.0089	0.0357	0.0022							
2163	-567.9	-37.0	-628.0	128.0	-556.2	152.1	0.0089	0.0357	0.0022							
2164	-878.7	-130.5	-979.5	213.3	-910.4	291.9	0.0089	0.0357	0.0022							
2165	-1214.9	-267.0	-1544.2	292.8	-1387.5	495.3	0.0247	0.0357	0.0022							
2166	-1403.1	-387.6	-2364.3	320.1	-1845.6	682.8	0.0247	0.0357	0.0057							
2167	-1521.9	-567.1	-3475.8	367.1	-2356.8	893.1	0.0247	0.0357	0.0057							
2168	-1678.8	-844.5	-5007.5	391.7	-2714.2	1136.7	0.0247	0.0357	0.0057							
2169	-1776.6	-1246.6	-7211.4	298.7	-3153.3	1464.1	0.0247	0.0357	0.0057							
2170	-180.2	-865.2	-8792.0	-443.4	-2073.9	1128.3	0.0247	0.0357	0.0057							
2171	-366.6	-708.6	-9332.1	-457.6	-1345.6	483.5	0.0247	0.0357	0.0055							
2172	-1051.6	-992.2	-9901.0	-309.5	-657.1	-169.0	0.0247	0.0357	0.0055							
2173	-958.1	-1108.5	-9497.9	-78.3	389.4	-355.1	0.0247	0.0357	0.0055							
2174	-403.5	-895.1	-8367.4	-80.1	651.7	-251.7	0.0247	0.0357	0.0055							
2175	-847.0	-960.9	-7453.2	-51.4	1073.9	-223.4	0.0247	0.0357	0.0055							
2176	-1884.7	-1094.5	-6327.9	-17.0	1051.2	-225.1	0.0247	0.0357	0.0055							
2177	-95.6	148.1	-297.0	48.2	-270.3	-68.0	0.0096	0.0276	0.0127	21.18	7.38	16.06	0.00	-0.17	-0.69	0.0
2178	-305.2	108.3	-638.9	59.1	-572.5	124.6	0.0089	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2179	-536.9	64.3	-980.9	80.9	-879.2	181.0	0.0089	0.0179	0.0022							
2180	-764.4	14.3	-1391.2	107.4	-1234.1	244.3	0.0089	0.0179	0.0022							
2181	-933.2	-37.5	-1948.7	126.7	-1627.5	319.6	0.0089	0.0179	0.0022							
2182	-1027.7	-105.1	-2738.3	124.5	-2033.2	397.8	0.0089	0.0179	0.0022							
2183	-947.3	-193.0	-3848.9	91.4	-2354.4	464.5	0.0247	0.0179	0.0057							
2184	-524.9	-246.8	-5113.4	-75.0	-2293.8	481.3	0.0247	0.0179	0.0057							
2185	-388.3	-351.9	-6439.5	-180.5	-1962.1	436.7	0.0247	0.0179	0.0057							
2186	70.5	-367.0	-7483.2	-346.7	-1434.8	300.0	0.0247	0.0179	0.0055							
2187	183.8	-422.6	-8008.5	-451.8	-790.6	79.6	0.0247	0.0179	0.0055							
2188	-99.6	-454.0	-7936.3	-417.7	-176.0	-309.1	0.0247	0.0179	0.0055							
2189	-358.7	-372.2	-7447.0	-313.5	231.2	-500.0	0.0247	0.0179	0.0055							
2190	-517.6	-296.6	-6963.0	-197.9	381.9	-601.8	0.0247	0.0179	0.0055							
2191	-624.3	-257.9	-6542.7	-85.8	424.3	-659.7	0.0247	0.0179	0.0055							
2192	-697.0	-230.2	-6189.0	-14.2	422.7	-678.9	0.0247	0.0179	0.0055							
2193	-95.5	151.7	-332.1	57.4	-299.6	-81.2	0.0101	0.0272	0.0127	22.46	8.33	17.83	0.00	-0.19	-0.76	0.0
2194	-303.4	113.9	-674.3	75.9	-600.7	134.4	0.0089	0.0179	0.0022							
2195	-527.9	70.2	-1025.9	106.8	-904.6	214.5	0.0089	0.0179	0.0022							
2196	-739.9	19.5	-1442.6	145.4	-1245.8	304.1	0.0089	0.0179	0.0022							
2197	-913.9	-42.8	-2001.5	177.7	-1626.3	407.6	0.0089	0.0179	0.0022							
2198	-1002.2	-105.8	-2780.8	181.3	-2012.2	524.5	0.0247	0.0179	0.0057							
2199	-920.1	-176.5	-3857.8	148.7	-2320.3	632.4	0.0247	0.0179	0.0057							
2200	-544.9	-220.4	-5068.5	38.4	-2258.0	663.3	0.0247	0.0179	0.0057							
2201	-480.3	-349.7	-6348.2	-125.5	-2003.2	619.9	0.0247	0.0179	0.0057							
2202	-60.9	-345.5	-7425.8	-283.3	-1572.2	488.4	0.0247	0.0179	0.0055							
2203	152.5	-281.9	-8079.2	-429.3	-1015.7	279.0	0.0247	0.0179	0.0055							
2204	7.2	-320.8	-8237.0	-371.2	-410.3	-123.7	0.0247	0.0179	0.0055							
2205	-319.1	-343.9	-7933.8	-236.4	124.8	-300.8	0.0247	0.0179	0.0055							
2206	-477.3	-274.8	-7451.2	-171.8	309.2	-372.4	0.0247	0.0179	0.0055							
2207	-588.7	-233.9	-7027.6	-104.8	385.5	-421.0	0.0247	0.0179	0.0055							
2208	-698.4	-228.5	-6692.2	-37.2	392.3	-455.9	0.0247	0.0179	0.0055							
2209	-94.6	154.4	-377.3	68.5	-336.0	-92.1	0.0106	0.0266	0.0127	23.63	9.43	19.77	0.00	-0.22	-0.85	0.0
2210	-297.1	116.9	-718.0	95.1	-632.5	146.6	0.0089	0.0179	0.0022							
2211	-509.7	71.9	-1076.7	134.3	-929.0	251.7	0.0089	0.0179	0.0022							
2212	-706.5	20.7	-1498.8	176.4	-1254.3	363.3	0.0089	0.0179	0.0022							
2213	-866.4	-42.7	-2051.7	214.9	-1610.4	493.9	0.0089	0.0179	0.0022							
2214	-945.9	-114.6	-2804.1	241.3	-1964.9	636.2	0.0247	0.0179	0.0057							
2215	-884.2	-177.8	-3810.6	206.3	-2245.4	777.0	0.0247	0.0179	0.0057							
2216	-606.0	-209.5	-4986.0	72.5	-2255.6	821.6	0.0247	0.0179	0.0057							
2217	-387.4	-283.6	-6172.6	-92.3	-1993.4	774.9	0.0247	0.0179	0.0057							
2218	-209.3	-381.1	-7245.0	-120.6	-1626.5	708.3	0.0247	0.0179	0.0055							
2219	49.0	-330.4	-7977.5	-344.3	-1192.0	581.3	0.0247	0.0179	0.0055							
2220	100.1	-345.5	-8287.8	-413.3	-595.4	364.5	0.0247	0.0179	0.0055							
2221	-223.9	-436.9	-8152.8	-274.1	-81.0	161.2	0.0247	0.0179	0.0055							
2222	-445.9	-434.6	-7653.3	-156.8	255.5	-63.0	0.0247	0.0179	0.0055							
2223	-561.8	-383.4	-7179.5	-94.7	334.0	-122.2	0.0247	0.0179	0.0055							
2224	-680.4	-368.5	-6860.6	-49.9	339.9	-174.6	0.0247	0.0179	0.0055							
2225	-92.6	156.2	-434.2	80.9	-379.1	-100.1	0.0113	0.0260	0.0127	24.63	10.66	21.83	0.00	-0.24	-0.96	0.0
2226	-285.4	116.1	-770.7	115.7	-667.2	160.0	0.0089	0.0179	0.0022							
2227	-483.1	69.6	-1133.1	161.7	-952.0	288.5	0.0089	0.0179	0.0022							
2228	-665.3	15.3	-1561.3	212.5	-1261.2	424.4	0.0089	0.0179	0.0022							
2229	-791.6	-38.9	-2103.1	253.7	-1581.7	571.0	0.0089	0.0179	0.0022							
2230	-867.4	-109.9	-2814.2	280.6	-1897.6	737.4	0.0247	0.0179	0.0057							
2231	-839.3	-175.2	-3734.3	253.6	-2142.8	898.6	0.0247	0.0179	0.0057							
2232	-654.7	-218.9	-4863.1	157.0	-2240.9	1002.7	0.0247	0.0179	0.0057							
2233	-278.5	-170.1	-5966.4	-67.2	-1955.4	961.2	0.0247	0.0179	0.0057							
2234	-307.4	-277.4	-7010.2	-143.1	-1604.6	902.5	0.0247	0.0179	0.0057							
2235	-66.9	-319.8	-7832.7	-320.1	-1263.9	856.3	0.0247	0.0179	0.0055							
2236	159.4	-268.7	-8235.7	-370.6	-765.0	685.7	0.0247	0.0179	0.0055							
2237	-50.7	-298.1	-8272.8	-298.3	-255.2	464.6	0.0247	0.0179	0.0055							
2238	-364.9	-366.9	-7880.5	-187.1	144.0	282.5	0.0247	0.0179	0.0055							
2239	-521.5	-380.2	-7367.2	-122.6	265.5	167.9	0.0247	0.0179	0.0055							
2240	-660.7	-404.3	-7034.7	-78.9	300.8	108.2	0.0247	0.0179	0.0055							
2241	-124.4	134.7	-853.2	53.2	-446.2	78.2	0.0096	0.0277	0.0127	15.16	5.26	11.45	0.00	-0.06	-1.22	0.0
2242	-274.9	108.4	-1077.3	69.9	-761.9	156.6	0.0089	0.0179	0.0022							
2243	-406.4	80.3	-1378.1	83.1	-1054.0	224.1	0.0089	0.0179	0.0022							
2244	-508.8	49.3	-1758.0	92.8	-1335.3	286.1	0.0089	0.0179	0.0022							
2245	-563.2	13.1	-2241.3	94.4	-1602.7	345.1	0.0089	0.0179	0.0022							
2246	-534.8	-26.0	-2850.8	80.8	-1820.8	398.3	0.0089	0.0179	0.0022							
2247	-411.7	-64.1	-3565.3	43.7	-1917.7	432.7	0.0247	0.0179	0.0057							
2248	-271.1	-113.6	-4354.3	-54.4	-1858.3	435.1	0.0247	0.0179	0.0057							
2249	-36.4	-157.4	-5162.9	-129.1	-1545.2	380.4	0.0247	0.0179	0.0057							
2250	121.8	-284.2	-6373.6	-210.7	-915.1	239.6	0.0247	0.0179	0.0055							
2251	141.1	-348.7	-7161.4	-275.9	-920.4	182.2	0.0247	0.0179	0.0055							
2252	87.0	-339.7	-7266.2	-267.3	-566.9	109.4	0.0247	0.0179	0.0055							
2253	-53.6	-355.3	-7150.9	-236.6	-198.8	-135.9	0.0247	0.0179	0.0055							
2254	-196.8	-366.5	-6864.8	-184.0	99.5	-245.9	0.0247	0.0179	0.0055							
2255	-310.7	-358.8	-6582.8	-111.3	256.8	-310.8	0.0247	0.0179	0.0055							
2256	-385.5	-341.6	-6346.9	-53.9	320.9	-341.8	0.0247	0.0179	0.0055							
2257	-124.0	137.7	-913.4	63.7	-476.8	-82.1	0.0100	0.0273	0.0127	21.39	7.87	16.88	0.00	-0.19	-1.35	0.0
2258	-268.9	110.5	-1132.2	88.3	-784.1	171.0	0.0089	0.0179	0.0022							
2259	-393.6	82.8	-1430.7	107.9	-1068.5	262.0	0.0089	0.0179	0.0022							
2260	-490.9	53.1	-1809.8	122.9	-1341.3	346.9	0.0089	0.0179	0.0022							
2261	-538.6	22.4	-2289.2	128.5	-1596.8	428.7	0.0089	0.0179	0.0022							
2262	-513.8	-11.1	-2886.6	118.4	-1802.7	503.0	0.0089	0.0179	0.0022							
2263	-406.1	-41.3	-3581.2	81.6	-1896.9	555.9	0.0247	0.0179	0.0057							
2264	-282.6	-78.9	-4354.2	27.6	-1856.1	572.5	0.0247	0.0179	0.0057							
2265	-61.9	-97.9	-5148.5	-90.1	-1585.7	520.9	0.0247	0.0179	0.0057							
2266	87.7	-194.8	-6340.5	-174.5	-990.1	409.9	0.0247	0.0179	0.0055							
2267	137.3	-285.4	-7159.8	-229.6	-987.6	337.3	0.0247	0.0179	0.0055							
2268	114.9	-268.8	-7111.4	-240.8	-816.1	69.7	0.0247	0.0179	0.0055							
2269	33.3	-238.0	-6886.1	-246.8	-320.6	-344.3	0.0247	0.0179	0.0055							
2270	-89.7	-272.4	-6925.8	-197.0	167.0	-319.4	0.0247	0.0179	0.0055							
2271	-213.4	-264.5	-6661.1	-101.4	-41.7	-382.7	0.0247	0.0179	0.0055							
2272	-287.7	-221.8	-6196.6	-58.5	279.1	-579.5	0.0247	0.0179	0.0055							
2273	-122.8	140.4	-988.3	76.3	-513.8	-85.3	0.0105	0.0267	0.0127	22.27	8.79	18.49	0.00	-0.21	-1.46	0.0
2274	-259.0	110.6	-1199.9	108.4	-808.6	187.0	0.0089	0.0179	0.0022							
2275	-374.1	81.7	-1493.4	134.3	-1081.5	300.3	0.0089	0.0179	0.0022							
2276	-461.9	51.8	-1867.4	155.7	-1340.6	407.9	0.0089	0.0179	0.0022							
2277	-503.4	22.2	-2336.4	166.3	-1579.4	512.4	0.0089	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2278	-480.9	-5.6	-2912.9	155.9	-1770.1	608.6	0.0247	0.0179	0.0057							
2279	-387.4	-30.7	-3582.5	122.2	-1863.1	678.9	0.0247	0.0179	0.0057							
2280	-261.5	-57.9	-4314.9	73.4	-1826.0	714.9	0.0247	0.0179	0.0057							
2281	-95.1	-80.3	-5084.1	-27.6	-1616.5	688.4	0.0247	0.0179	0.0057							
2282	79.7	-122.2	-6026.4	-146.9	-1175.8	456.3	0.0247	0.0179	0.0057							
2283	170.5	-211.3	-6944.6	-236.3	-911.9	387.8	0.0247	0.0179	0.0055							
2284	149.7	-212.8	-6871.0	-235.2	-1062.0	496.0	0.0247	0.0179	0.0055							
2285	115.9	-155.5	-6533.6	-217.0	-410.6	368.9	0.0247	0.0179	0.0055							
2286	23.7	-200.0	-6914.9	-186.0	198.7	214.9	0.0247	0.0179	0.0055							
2287	-114.0	-197.9	-6649.5	-121.1	-279.8	121.7	0.0247	0.0179	0.0055							
2288	-190.9	-135.6	-5961.5	-77.3	225.9	-51.4	0.0247	0.0179	0.0055							
2289	-120.4	142.3	-1079.6	90.9	-556.1	-83.8	0.0111	0.0261	0.0127	23.01	9.81	20.18	0.00	-0.24	-1.59	0.0
2290	-244.5	107.8	-1282.0	129.9	-834.3	204.2	0.0089	0.0179	0.0022							
2291	-347.0	76.7	-1567.4	161.6	-1091.6	338.7	0.0089	0.0179	0.0022							
2292	-421.2	46.4	-1930.8	186.6	-1331.6	466.6	0.0089	0.0179	0.0022							
2293	-457.9	15.1	-2382.1	201.4	-1550.0	591.2	0.0089	0.0179	0.0022							
2294	-435.7	-10.3	-2929.6	195.4	-1722.8	705.9	0.0247	0.0179	0.0022							
2295	-353.5	-29.9	-3565.3	165.3	-1812.0	798.2	0.0247	0.0179	0.0057							
2296	-225.6	-40.1	-4245.9	108.8	-1771.7	849.7	0.0247	0.0179	0.0057							
2297	-118.3	-70.9	-4962.6	43.3	-1618.4	854.0	0.0247	0.0179	0.0057							
2298	58.0	-69.9	-5644.8	-91.2	-1309.4	839.3	0.0247	0.0179	0.0057							
2299	172.7	-127.9	-6759.2	-196.5	-688.2	829.3	0.0247	0.0179	0.0055							
2300	131.8	-164.0	-7310.8	-223.6	-931.3	1073.6	0.0247	0.0179	0.0055							
2301	89.5	-100.7	-6949.6	-176.7	-715.2	952.6	0.0247	0.0179	0.0055							
2302	59.6	-119.6	-7135.0	-172.2	88.4	633.3	0.0247	0.0179	0.0055							
2303	-67.6	-108.9	-6891.7	-125.5	-433.1	533.2	0.0247	0.0179	0.0055							
2304	-148.3	-23.4	-6154.2	-87.7	154.4	382.5	0.0247	0.0179	0.0055							
2305	-143.5	75.4	-1389.1	48.2	-564.4	108.1	0.0096	0.0277	0.0127	9.06	3.13	6.82	0.00	-0.02	-1.70	0.0
2306	-244.2	58.1	-1500.5	67.5	-832.5	175.5	0.0089	0.0179	0.0022							
2307	-311.0	41.7	-1706.7	78.9	-1079.5	238.3	0.0089	0.0179	0.0022							
2308	-342.2	24.5	-1996.3	83.4	-1298.9	295.5	0.0089	0.0179	0.0022							
2309	-329.0	6.2	-2363.7	79.8	-1479.8	346.0	0.0089	0.0179	0.0022							
2310	-265.1	-13.6	-2799.6	66.2	-1601.5	386.8	0.0089	0.0179	0.0022							
2311	-154.4	-36.1	-3286.2	41.5	-1640.3	413.4	0.0247	0.0179	0.0057							
2312	6.2	-57.3	-3779.3	-30.4	-1558.1	418.5	0.0247	0.0179	0.0057							
2313	167.4	-80.3	-4203.0	-69.3	-1312.2	390.2	0.0247	0.0179	0.0057							
2314	330.2	-32.6	-4091.6	-100.9	-763.7	286.5	0.0247	0.0179	0.0055							
2315	392.2	-5.0	-3772.2	-97.4	-873.3	275.8	0.0247	0.0179	0.0055							
2316	456.6	-61.2	-3901.2	-128.8	-680.1	280.7	0.0247	0.0179	0.0055							
2317	455.9	-97.3	-3912.3	-135.5	-412.2	233.5	0.0247	0.0179	0.0055							
2318	395.3	-111.6	-3849.9	-117.2	-183.8	153.0	0.0247	0.0179	0.0055							
2319	329.0	-123.0	-3700.1	-99.7	90.7	96.1	0.0247	0.0179	0.0055							
2320	286.8	-137.0	-3510.1	-60.4	220.3	59.1	0.0247	0.0179	0.0055							
2321	-143.7	78.8	-1459.2	57.0	-591.5	108.0	0.0100	0.0273	0.0127	10.01	3.65	7.85	0.00	-0.03	-1.79	0.0
2322	-237.9	58.6	-1566.0	83.5	-848.3	193.9	0.0089	0.0179	0.0022							
2323	-299.5	40.9	-1766.6	100.2	-1085.5	275.7	0.0089	0.0179	0.0022							
2324	-326.2	24.3	-2049.7	108.3	-1295.6	351.7	0.0089	0.0179	0.0022							
2325	-311.7	7.9	-2408.5	106.7	-1467.8	420.3	0.0089	0.0179	0.0022							
2326	-250.4	-7.6	-2833.4	92.6	-1583.7	477.9	0.0089	0.0179	0.0022							
2327	-146.2	-23.2	-3307.9	65.5	-1621.9	518.5	0.0247	0.0179	0.0057							
2328	4.1	-34.4	-3790.1	23.6	-1547.0	531.8	0.0247	0.0179	0.0057							
2329	153.8	-44.0	-4218.7	-55.7	-1330.4	501.3	0.0247	0.0179	0.0057							
2330	314.4	5.4	-4158.6	-97.1	-808.0	428.6	0.0247	0.0179	0.0055							
2331	372.1	66.3	-3894.9	-110.3	-888.1	404.2	0.0247	0.0179	0.0055							
2332	402.2	40.8	-4237.7	-148.5	-859.6	199.7	0.0247	0.0179	0.0055							
2333	410.0	0.9	-4526.9	-142.9	-478.7	-165.6	0.0247	0.0179	0.0055							
2334	368.5	20.1	-4285.0	-117.4	-90.1	-98.8	0.0247	0.0179	0.0055							
2335	304.9	13.7	-4148.8	-122.9	-194.3	-146.0	0.0247	0.0179	0.0055							
2336	270.8	-25.7	-4234.7	-80.6	171.8	-346.1	0.0247	0.0179	0.0055							
2337	-143.1	82.2	-1544.2	67.8	-623.4	111.7	0.0105	0.0268	0.0127	11.11	4.34	9.15	0.00	-0.05	-1.91	0.0
2338	-228.7	58.0	-1645.7	100.6	-865.1	213.9	0.0089	0.0179	0.0022							
2339	-282.9	38.0	-1838.3	122.5	-1088.7	313.1	0.0089	0.0179	0.0022							
2340	-303.9	20.9	-2111.2	134.1	-1286.1	406.9	0.0089	0.0179	0.0022							
2341	-287.0	6.0	-2456.8	134.4	-1446.5	492.7	0.0089	0.0179	0.0022							
2342	-228.2	-6.4	-2865.1	121.8	-1554.0	566.6	0.0089	0.0179	0.0022							
2343	-130.6	-15.5	-3318.8	94.3	-1588.9	623.0	0.0247	0.0179	0.0057							
2344	1.9	-18.2	-3785.5	50.5	-1526.4	649.8	0.0247	0.0179	0.0057							
2345	144.7	-12.3	-4204.8	-31.5	-1337.6	632.2	0.0247	0.0179	0.0057							
2346	274.2	30.8	-4346.6	-76.1	-963.3	433.6	0.0247	0.0179	0.0057							
2347	346.4	109.2	-4154.4	-67.9	-774.7	403.2	0.0247	0.0179	0.0055							
2348	343.9	125.3	-4502.3	-92.4	-1045.3	567.5	0.0247	0.0179	0.0055							
2349	362.0	84.3	-5071.8	-134.1	-515.6	506.9	0.0247	0.0179	0.0055							
2350	341.4	131.0	-4622.1	-129.7	50.3	402.7	0.0247	0.0179	0.0055							
2351	287.1	126.7	-4529.5	-122.2	-415.6	334.9	0.0247	0.0179	0.0055							
2352	264.1	61.3	-4893.5	-85.5	113.2	267.2	0.0247	0.0179	0.0055							
2353	-141.4	85.3	-1644.7	81.0	-658.7	120.3	0.0110	0.0262	0.0127	12.20	5.13	10.60	0.00	-0.07	-2.04	0.0
2354	-215.8	55.8	-1740.1	118.9	-881.8	235.8	0.0089	0.0179	0.0022							
2355	-260.7	32.5	-1922.1	145.1	-1087.9	350.2	0.0089	0.0179	0.0022							
2356	-275.2	13.6	-2180.9	160.2	-1269.2	459.9	0.0089	0.0179	0.0022							
2357	-254.6	-0.6	-2508.1	162.8	-1414.9	561.6	0.0089	0.0179	0.0022							
2358	-198.0	-10.8	-2893.5	151.7	-1510.9	651.2	0.0247	0.0179	0.0022							
2359	-106.8	-15.1	-3319.0	125.4	-1540.3	722.5	0.0247	0.0179	0.0057							
2360	8.0	-13.9	-3760.4	86.2	-1488.1	767.8	0.0247	0.0179	0.0057							
2361	144.4	3.8	-4165.2	34.4	-1329.2	767.7	0.0247	0.0179	0.0057							
2362	252.1	32.1	-4497.1	-22.8	-1082.9	770.5	0.0247	0.0179	0.0057							
2363	359.1	117.5	-4286.1	-24.0	-534.8	790.9	0.0247	0.0179	0.0055							
2364	372.8	186.2	-4035.8	-35.7	-851.0	1085.3	0.0247	0.0179	0.0055							
2365	391.6	146.4	-4611.2	-117.0	-755.2	1041.6	0.0247	0.0179	0.0055							
2366	384.0	181.9	-4515.7	-128.7	-90.8	773.2	0.0247	0.0179	0.0055							
2367	334.4	185.1	-4483.6	-120.1	-540.2	708.0	0.0247	0.0179	0.0055							
2368	326.8	104.4	-4958.4	-92.8	-50.0	573.0	0.0247	0.0179	0.0055							
2369	-156.6	0.9	-1819.8	39.1	-644.2	143.4	0.0095	0.0277	0.0127	6.86	2.36	5.15	0.00	-0.06	-2.12	0.0
2370	-223.2	-11.8	-1853.5	57.6	-851.9	193.9	0.0089	0.0179	0.0022							
2371	-256.8	-22.3	-1970.2	69.3	-1045.2	245.1	0.0089	0.0179	0.0022							
2372	-256.3	-31.4	-2160.0	74.3	-1210.6	293.4	0.0089	0.0179	0.0022							
2373	-220.2	-40.3	-2411.5	72.4	-1335.2	336.4	0.0089	0.0179	0.0022							
2374	-147.9	-49.4	-2710.4	63.4	-1405.5	371.2	0.0089	0.0179	0.0022							
2375	-41.5	-58.8	-3033.6	47.5	-1404.5	395.0	0.0247	0.0179	0.0057							
2376	85.5	-68.8	-3342.8	26.5	-1315.7	404.2	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2377	212.4	-75.0	-3554.6	-23.2	-1125.3	395.5	0.0247	0.0179	0.0057							
2378	230.8	-93.0	-3651.6	-26.8	-938.2	386.4	0.0247	0.0179	0.0057							
2379	240.1	-128.1	-3700.7	-17.9	-786.9	393.9	0.0247	0.0179	0.0055							
2380	315.4	-163.1	-3760.7	-43.9	-669.6	397.1	0.0247	0.0179	0.0055							
2381	356.5	-192.8	-3826.0	-60.3	-478.5	370.9	0.0247	0.0179	0.0055							
2382	357.1	-200.5	-3806.1	-64.0	-276.4	345.9	0.0247	0.0179	0.0055							
2383	339.4	-212.4	-3736.6	-68.8	-109.6	309.8	0.0247	0.0179	0.0055							
2384	322.8	-230.9	-3640.7	-51.5	143.6	269.3	0.0247	0.0179	0.0055							
2385	-157.5	5.0	-1888.7	45.0	-665.8	154.2	0.0099	0.0274	0.0127	7.05	2.56	5.50	0.00	-0.05	-2.20	0.0
2386	-218.1	-10.9	-1920.6	69.5	-862.3	217.5	0.0089	0.0179	0.0022							
2387	-247.2	-23.5	-2032.6	85.7	-1045.3	282.7	0.0089	0.0179	0.0022							
2388	-243.8	-33.7	-2215.4	93.6	-1201.7	345.5	0.0089	0.0179	0.0022							
2389	-206.6	-42.1	-2458.0	92.9	-1319.2	402.4	0.0089	0.0179	0.0022							
2390	-135.9	-49.4	-2746.4	83.3	-1384.9	450.1	0.0089	0.0179	0.0022							
2391	-33.6	-55.1	-3058.5	64.2	-1383.1	484.2	0.0247	0.0179	0.0057							
2392	87.0	-59.6	-3359.5	37.3	-1299.7	499.2	0.0247	0.0179	0.0057							
2393	210.3	-57.5	-3575.1	-17.7	-1121.3	489.2	0.0247	0.0179	0.0057							
2394	235.3	-69.0	-3691.2	-31.2	-940.5	460.4	0.0247	0.0179	0.0057							
2395	233.3	-76.2	-3745.0	-32.7	-781.2	434.6	0.0247	0.0179	0.0055							
2396	312.6	-57.8	-3787.1	-60.9	-673.5	426.3	0.0247	0.0179	0.0055							
2397	382.3	-55.9	-3849.9	-66.4	-499.1	399.6	0.0247	0.0179	0.0055							
2398	357.0	-73.1	-3867.6	-66.5	-313.5	350.5	0.0247	0.0179	0.0055							
2399	348.1	-83.0	-3822.8	-87.6	-137.7	305.6	0.0247	0.0179	0.0055							
2400	374.2	-85.8	-3746.4	-67.6	107.9	267.4	0.0247	0.0179	0.0055							
2401	-157.9	9.5	-1970.5	52.8	-690.3	168.9	0.0104	0.0269	0.0127	7.26	2.80	5.93	0.00	-0.05	-2.29	0.0
2402	-210.8	-10.3	-2000.6	82.2	-872.7	243.0	0.0089	0.0179	0.0022							
2403	-234.0	-25.8	-2106.5	102.3	-1042.3	320.3	0.0089	0.0179	0.0022							
2404	-226.9	-37.7	-2279.7	112.9	-1186.9	396.1	0.0089	0.0179	0.0022							
2405	-188.7	-46.4	-2509.9	113.7	-1294.9	466.2	0.0089	0.0179	0.0022							
2406	-120.0	-52.1	-2783.5	104.0	-1354.3	526.3	0.0089	0.0179	0.0022							
2407	-24.0	-54.4	-3080.4	83.6	-1351.9	571.4	0.0247	0.0179	0.0057							
2408	88.8	-52.1	-3369.0	53.8	-1275.3	595.6	0.0247	0.0179	0.0057							
2409	199.2	-41.0	-3594.8	18.5	-1118.9	589.9	0.0247	0.0179	0.0057							
2410	251.0	-25.8	-3720.2	-19.9	-932.8	580.7	0.0247	0.0179	0.0057							
2411	235.8	-14.6	-3796.7	20.4	-791.5	575.3	0.0247	0.0179	0.0055							
2412	299.9	39.0	-3843.7	-19.6	-654.9	577.0	0.0247	0.0179	0.0055							
2413	393.4	76.0	-3886.3	-60.9	-524.2	564.6	0.0247	0.0179	0.0055							
2414	342.3	43.4	-3965.1	-76.9	-358.8	520.9	0.0247	0.0179	0.0055							
2415	348.0	36.2	-3959.4	-88.4	-176.1	463.7	0.0247	0.0179	0.0055							
2416	418.3	47.6	-3913.9	-71.7	66.1	406.9	0.0247	0.0179	0.0055							
2417	-157.5	13.9	-2064.6	62.9	-716.6	188.5	0.0109	0.0264	0.0127	7.47	3.10	6.43	0.00	-0.05	-2.40	0.0
2418	-200.9	-10.3	-2092.9	95.7	-881.9	270.8	0.0089	0.0179	0.0022							
2419	-217.1	-29.3	-2191.6	118.9	-1035.3	358.1	0.0089	0.0179	0.0022							
2420	-205.6	-43.6	-2352.8	131.8	-1165.4	444.8	0.0089	0.0179	0.0022							
2421	-166.3	-53.3	-2566.9	134.0	-1261.6	526.2	0.0089	0.0179	0.0022							
2422	-99.9	-58.5	-2821.3	125.1	-1313.0	597.8	0.0089	0.0179	0.0022							
2423	-10.6	-58.9	-3098.0	105.3	-1308.8	654.7	0.0247	0.0179	0.0057							
2424	94.4	-52.2	-3369.4	76.3	-1238.6	690.7	0.0247	0.0179	0.0057							
2425	195.8	-38.5	-3598.4	47.8	-1100.7	704.4	0.0247	0.0179	0.0057							
2426	282.8	-9.8	-3715.0	33.8	-897.6	699.3	0.0247	0.0179	0.0057							
2427	262.4	-5.0	-3762.0	52.1	-754.7	727.9	0.0247	0.0179	0.0057							
2428	253.7	1.8	-3803.4	34.3	-620.6	761.6	0.0247	0.0179	0.0055							
2429	354.1	44.2	-3811.8	-49.8	-514.8	781.1	0.0247	0.0179	0.0055							
2430	341.2	46.9	-3902.5	-74.9	-416.5	754.2	0.0247	0.0179	0.0055							
2431	358.1	46.6	-3972.6	-84.6	-227.7	688.7	0.0247	0.0179	0.0055							
2432	450.3	59.0	-3974.4	-73.9	-61.2	644.8	0.0247	0.0179	0.0055							
2433	-166.6	-75.7	-2140.3	28.8	-701.9	178.6	0.0095	0.0188	0.0127	6.66	3.36	4.98	0.00	-0.13	-2.44	0.0
2434	-213.5	-86.3	-2125.3	45.1	-858.9	215.1	0.0089	0.0089	0.0022							
2435	-234.1	-94.0	-2171.1	57.2	-1004.4	254.4	0.0089	0.0089	0.0022							
2436	-226.1	-99.3	-2274.1	64.4	-1124.7	292.9	0.0089	0.0089	0.0022							
2437	-189.2	-102.8	-2426.0	66.3	-1208.6	327.7	0.0089	0.0089	0.0022							
2438	-125.7	-105.2	-2613.9	62.8	-1246.6	356.8	0.0089	0.0089	0.0022							
2439	-42.7	-107.3	-2818.7	54.9	-1231.3	378.5	0.0089	0.0089	0.0022							
2440	47.5	-109.2	-3013.3	44.4	-1160.0	391.8	0.0247	0.0089	0.0057							
2441	120.7	-113.7	-3177.9	35.2	-1049.4	399.2	0.0247	0.0089	0.0057							
2442	187.0	-120.0	-3304.6	26.6	-913.9	403.4	0.0247	0.0089	0.0057							
2443	237.7	-121.7	-3391.0	15.0	-765.5	402.7	0.0247	0.0089	0.0055							
2444	275.0	-120.5	-3444.5	-11.2	-617.1	400.2	0.0247	0.0089	0.0055							
2445	315.8	-121.8	-3474.1	-23.2	-467.7	395.3	0.0247	0.0089	0.0055							
2446	340.4	-129.8	-3477.0	-34.1	-307.7	378.9	0.0247	0.0089	0.0055							
2447	350.9	-135.1	-3440.7	-37.2	-147.7	359.2	0.0247	0.0089	0.0055							
2448	351.0	-135.8	-3367.7	-36.1	93.7	342.6	0.0247	0.0089	0.0055							
2449	-168.3	-70.6	-2202.3	31.5	-717.4	199.5	0.0099	0.0185	0.0127	6.77	3.62	5.26	0.00	-0.13	-2.51	0.0
2450	-209.9	-84.1	-2188.2	52.4	-864.5	244.9	0.0089	0.0089	0.0022							
2451	-226.5	-94.2	-2232.0	68.4	-1000.8	294.3	0.0089	0.0089	0.0022							
2452	-216.0	-101.3	-2329.9	78.4	-1113.2	343.4	0.0089	0.0089	0.0022							
2453	-178.5	-106.1	-2474.4	81.8	-1191.1	389.0	0.0089	0.0089	0.0022							
2454	-116.2	-108.9	-2653.1	78.5	-1225.4	428.0	0.0089	0.0089	0.0022							
2455	-35.8	-110.4	-2848.1	69.3	-1209.2	457.9	0.0247	0.0089	0.0057							
2456	51.6	-110.7	-3034.3	56.1	-1139.7	477.0	0.0247	0.0089	0.0057							
2457	123.6	-112.5	-3192.4	43.2	-1031.6	486.9	0.0247	0.0089	0.0057							
2458	188.5	-111.9	-3311.9	31.8	-898.4	491.5	0.0247	0.0089	0.0057							
2459	239.3	-112.9	-3393.5	21.1	-753.9	493.0	0.0247	0.0089	0.0055							
2460	270.5	-116.4	-3441.4	14.0	-606.2	492.7	0.0247	0.0089	0.0055							
2461	302.5	-115.6	-3467.0	-23.4	-469.2	486.9	0.0247	0.0089	0.0055							
2462	339.3	-116.1	-3477.2	-39.8	-320.1	467.7	0.0247	0.0089	0.0055							
2463	356.0	-119.5	-3454.6	-40.8	-161.1	443.6	0.0247	0.0089	0.0055							
2464	355.1	-121.8	-3389.0	-42.1	85.0	424.1	0.0247	0.0089	0.0055							
2465	-169.8	-65.0	-2274.3	35.9	-734.2	223.9	0.0103	0.0180	0.0127	6.82	3.90	5.54	0.00	-0.12	-2.60	0.0
2466	-204.7	-81.4	-2261.6	60.4	-869.1	276.4	0.0089	0.0089	0.0022							
2467	-216.3	-94.5	-2302.8	79.4	-993.7	334.2	0.0089	0.0089	0.0022							
2468	-202.9	-104.1	-2394.4	91.7	-1096.1	392.8	0.0089	0.0089	0.0022							
2469	-164.8	-110.5	-2529.2	96.6	-1166.3	448.0	0.0089	0.0089	0.0022							
2470	-104.3	-114.1	-2696.0	93.6	-1195.8	496.2	0.0089	0.0089	0.0022							
2471	-27.3	-115.0	-2878.4	83.7	-1178.4	534.4	0.0247	0.0089	0.0057							
2472	55.7	-113.8	-3054.6	69.1	-1112.0	560.3	0.0247	0.0089	0.0057							
2473	128.4	-111.9	-3204.1	55.3	-1006.4	576.0	0.0247	0.0089	0.0057							
2474	186.2	-110.0	-3318.3	43.9	-878.6	584.7	0.0247	0.0089	0.0057							
2475	238.7	-104.4	-3392.4	25.8	-736.4	587.9	0.0247	0.0089	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2476	267.3	-106.8	-3433.1	16.2	-595.8	585.7	0.0247	0.0089	0.0055							
2477	287.2	-104.9	-3458.8	-16.1	-467.1	581.5	0.0247	0.0089	0.0055							
2478	336.9	-92.4	-3473.5	-35.9	-332.3	567.3	0.0247	0.0089	0.0055							
2479	360.2	-91.3	-3467.5	-45.0	-175.8	543.8	0.0247	0.0089	0.0055							
2480	359.2	-92.7	-3412.1	-48.2	74.0	522.5	0.0247	0.0089	0.0055							
2481	-171.0	-59.3	-2355.2	42.5	-751.6	252.4	0.0108	0.0175	0.0127	6.79	4.20	5.79	0.00	-0.12	-2.69	0.0
2482	-197.9	-78.8	-2344.5	69.0	-871.9	309.8	0.0089	0.0089	0.0022							
2483	-203.6	-95.1	-2383.0	90.1	-982.6	374.5	0.0089	0.0089	0.0022							
2484	-187.0	-107.5	-2467.0	104.2	-1073.0	440.7	0.0089	0.0089	0.0022							
2485	-148.3	-116.1	-2590.1	110.1	-1133.9	504.0	0.0089	0.0089	0.0022							
2486	-89.9	-120.9	-2742.4	107.7	-1157.5	560.4	0.0089	0.0089	0.0022							
2487	-17.0	-122.2	-2909.3	97.8	-1138.3	606.6	0.0247	0.0089	0.0022							
2488	61.3	-120.7	-3072.1	83.0	-1074.7	640.6	0.0247	0.0089	0.0057							
2489	134.0	-116.9	-3208.8	66.8	-971.3	662.6	0.0247	0.0089	0.0057							
2490	182.4	-116.9	-3313.0	53.4	-850.1	678.2	0.0247	0.0089	0.0057							
2491	230.2	-112.1	-3383.6	35.8	-717.4	683.5	0.0247	0.0089	0.0057							
2492	267.2	-105.0	-3420.2	23.6	-581.8	682.8	0.0247	0.0089	0.0055							
2493	276.8	-102.8	-3442.4	17.5	-458.1	683.2	0.0247	0.0089	0.0055							
2494	322.8	-92.5	-3457.4	-26.9	-334.6	678.5	0.0247	0.0089	0.0055							
2495	358.2	-84.1	-3459.4	-41.1	-188.4	663.0	0.0247	0.0089	0.0055							
2496	360.9	-78.7	-3414.8	-49.4	60.5	643.5	0.0247	0.0089	0.0055							
2497	-177.8	-151.6	-2377.6	-30.0	-750.8	211.3	0.0095	0.0189	0.0127	9.53	4.79	7.11	0.00	-0.26	-2.71	0.0
2498	-217.4	-161.2	-2329.0	33.5	-874.8	239.6	0.0089	0.0089	0.0022							
2499	-237.6	-167.2	-2317.4	46.6	-982.5	269.5	0.0089	0.0089	0.0022							
2500	-233.8	-169.7	-2347.8	56.6	-1064.5	298.4	0.0089	0.0089	0.0022							
2501	-204.7	-169.3	-2418.2	62.2	-1114.1	324.4	0.0089	0.0089	0.0022							
2502	-153.5	-167.0	-2520.7	63.3	-1127.6	346.5	0.0089	0.0089	0.0022							
2503	-86.6	-163.5	-2642.4	60.4	-1103.1	363.8	0.0089	0.0089	0.0022							
2504	-13.3	-159.9	-2768.8	54.7	-1043.1	376.5	0.0247	0.0089	0.0057							
2505	60.6	-156.2	-2886.4	47.0	-952.2	384.8	0.0247	0.0089	0.0057							
2506	126.5	-152.4	-2984.8	38.4	-838.1	389.3	0.0247	0.0089	0.0057							
2507	183.3	-150.1	-3059.2	30.1	-710.7	391.1	0.0247	0.0089	0.0038							
2508	231.6	-149.0	-3108.5	20.6	-575.2	390.1	0.0247	0.0089	0.0038							
2509	270.0	-147.8	-3132.8	11.7	-436.4	385.4	0.0247	0.0089	0.0038							
2510	301.9	-146.5	-3132.4	-15.1	-296.0	377.6	0.0247	0.0089	0.0038							
2511	323.4	-146.4	-3105.4	-22.0	-155.2	366.9	0.0247	0.0089	0.0038							
2512	334.1	-146.9	-3050.0	-26.7	66.0	355.5	0.0247	0.0089	0.0038							
2513	-179.8	-145.5	-2430.4	-29.0	-760.0	240.6	0.0098	0.0185	0.0127	9.75	5.18	7.54	0.00	-0.27	-2.78	0.0
2514	-214.8	-157.4	-2385.8	36.3	-875.8	275.9	0.0089	0.0089	0.0022							
2515	-231.4	-165.9	-2374.9	53.1	-976.3	313.5	0.0089	0.0089	0.0022							
2516	-225.4	-171.0	-2402.8	66.1	-1052.3	350.5	0.0089	0.0089	0.0022							
2517	-195.9	-173.0	-2467.8	73.9	-1097.6	384.5	0.0089	0.0089	0.0022							
2518	-145.8	-172.5	-2562.8	76.2	-1108.4	414.0	0.0089	0.0089	0.0022							
2519	-81.1	-170.4	-2675.9	73.5	-1082.9	437.9	0.0089	0.0089	0.0022							
2520	-10.2	-167.5	-2793.7	67.1	-1023.4	455.9	0.0247	0.0089	0.0057							
2521	61.0	-164.1	-2903.1	58.4	-934.0	468.3	0.0247	0.0089	0.0057							
2522	124.4	-161.4	-2994.4	48.4	-822.6	476.0	0.0247	0.0089	0.0057							
2523	178.7	-158.4	-3062.5	37.8	-698.2	479.5	0.0247	0.0089	0.0038							
2524	225.4	-155.5	-3107.6	26.2	-567.6	478.6	0.0247	0.0089	0.0038							
2525	263.8	-153.6	-3130.2	16.6	-432.3	474.1	0.0247	0.0089	0.0038							
2526	294.4	-151.5	-3129.5	-14.3	-296.3	466.7	0.0247	0.0089	0.0038							
2527	317.6	-149.9	-3105.2	-24.9	-159.7	455.6	0.0247	0.0089	0.0038							
2528	330.1	-149.1	-3054.5	-32.0	58.7	442.5	0.0247	0.0089	0.0038							
2529	-181.8	-138.4	-2490.2	-26.2	-768.9	272.5	0.0103	0.0181	0.0127	9.83	5.57	7.93	0.00	-0.26	-2.85	0.0
2530	-211.1	-152.8	-2450.5	39.8	-875.0	313.4	0.0089	0.0089	0.0022							
2531	-223.2	-164.2	-2440.8	59.1	-966.4	357.6	0.0089	0.0089	0.0022							
2532	-214.6	-172.3	-2465.7	74.5	-1034.9	401.7	0.0089	0.0089	0.0022							
2533	-184.8	-177.1	-2524.3	84.1	-1074.7	442.9	0.0089	0.0089	0.0022							
2534	-136.2	-178.9	-2610.1	87.5	-1082.0	479.2	0.0089	0.0089	0.0022							
2535	-74.3	-178.4	-2712.8	85.1	-1055.4	509.2	0.0089	0.0089	0.0022							
2536	-6.6	-176.4	-2819.8	78.3	-996.4	532.6	0.0247	0.0089	0.0057							
2537	60.6	-173.7	-2919.5	68.5	-909.8	549.2	0.0247	0.0089	0.0057							
2538	121.9	-170.6	-3002.3	56.7	-801.7	559.5	0.0247	0.0089	0.0057							
2539	172.5	-168.5	-3064.0	45.9	-681.8	565.0	0.0247	0.0089	0.0038							
2540	216.7	-164.9	-3105.1	33.4	-556.4	566.5	0.0247	0.0089	0.0038							
2541	255.8	-161.7	-3125.3	21.7	-426.1	563.0	0.0247	0.0089	0.0038							
2542	283.8	-159.9	-3124.6	-12.8	-294.6	555.9	0.0247	0.0089	0.0038							
2543	308.4	-156.5	-3102.1	-25.2	-163.2	545.7	0.0247	0.0089	0.0038							
2544	322.4	-154.4	-3056.1	-35.5	50.6	533.0	0.0247	0.0089	0.0038							
2545	-183.6	-130.9	-2555.7	21.6	-777.4	307.5	0.0107	0.0176	0.0127	6.93	4.23	5.86	0.00	-0.20	-2.90	0.0
2546	-206.0	-147.7	-2522.2	43.7	-871.6	352.1	0.0089	0.0089	0.0022							
2547	-213.0	-162.2	-2514.1	64.7	-952.3	401.9	0.0089	0.0089	0.0022							
2548	-201.8	-173.6	-2536.0	81.7	-1012.1	451.9	0.0089	0.0089	0.0022							
2549	-171.6	-181.4	-2587.2	92.6	-1045.2	499.2	0.0089	0.0089	0.0022							
2550	-125.0	-185.8	-2662.6	96.9	-1048.4	541.4	0.0089	0.0089	0.0022							
2551	-66.5	-187.4	-2753.0	94.9	-1020.4	577.0	0.0247	0.0089	0.0022							
2552	-2.7	-187.0	-2847.4	87.9	-962.2	605.3	0.0247	0.0089	0.0057							
2553	59.3	-185.5	-2935.7	77.7	-879.1	626.3	0.0247	0.0089	0.0057							
2554	117.9	-182.4	-3009.6	65.1	-776.0	639.9	0.0247	0.0089	0.0057							
2555	166.0	-179.6	-3063.8	52.9	-660.5	647.9	0.0247	0.0089	0.0057							
2556	205.8	-177.4	-3099.4	40.2	-541.3	651.4	0.0247	0.0089	0.0038							
2557	244.7	-174.0	-3117.7	26.7	-417.7	649.1	0.0247	0.0089	0.0038							
2558	272.4	-171.0	-3116.7	17.0	-290.5	643.0	0.0247	0.0089	0.0038							
2559	295.4	-167.5	-3094.6	-24.4	-164.3	634.7	0.0247	0.0089	0.0038							
2560	310.2	-165.5	-3051.7	-37.9	42.5	622.8	0.0247	0.0089	0.0038							
2561	33.5	-142.3	75.5	78.5	-156.4	47.3	0.0331	0.0462	0.0140	6.44	4.61	15.26	0.00	-0.24	-0.43	0.0
2562	24.2	-141.1	77.9	87.0	-167.4	43.1	0.0331	0.0462	0.0140	6.71	4.81	15.92	0.00	-0.26	-0.45	0.0
2563	93.7	-161.0	-43.1	98.2	-127.8	-26.0	0.0331	0.0462	0.0140	5.95	4.26	14.11	0.00	-0.31	-0.39	0.0
2564	79.7	-157.8	-45.3	111.4	-131.8	-32.2	0.0331	0.0462	0.0140	5.99	4.29	14.20	0.00	-0.31	-0.40	0.0
2565	112.3	-181.8	-122.2	109.6	-67.3	-24.3	0.0331	0.0462	0.0140	5.03	3.60	11.92	0.00	-0.31	-0.38	0.0
2566	94.4	-177.9	-131.4	127.0	-67.9	-27.9	0.0331	0.0462	0.0140	4.92	3.52	11.65	0.00	-0.31	-0.39	0.0
2567	61.3	-226.8	-219.0	101.7	75.8	40.1	0.0331	0.0462	0.0022	3.47	2.49	51.43	0.00	-0.35	-0.38	0.0
2568	41.6	-220.8	-234.3	122.2	80.8	44.2	0.0331	0.0462	0.0022	3.44	2.46	50.89	0.00	-0.36	-0.39	0.0
2569	-116.4	-327.2	-443.6	57.3	322.0	142.4	0.0331	0.0462	0.0022	3.51	2.52	52.06	0.00	-0.45	-0.78	0.0
2570	-118.5	-318.2	-447.6	73.9	294.6	190.8	0.0331	0.0462	0.0022	3.52	2.52	52.21	0.00	-0.45	-0.79	0.0
2571	-507.2	-581.8	-1171.7	-127.6	818.5	665.6	0.0331	0.0462	0.0057	5.22	3.73	30.51	0.00	-0.60	-2.18	0.0
2572	-423.6	-511.8	-894.5	-66.0	620.5	315.7	0.0331	0.0462	0.0057	1.11	0.80	6.52	0.00	-0.48	-1.46	0.0
2573	-1072.4	-943.6	-2637.1	-231.5	1134.8	669.5	0.0331	0.0462	0.0057				-0.44	-0.78	-3.43	
2574	-1090.4	-909.4	-2354.3	-186.9	1531.3	578.5	0.0331	0.0462	0.0057				-0.03	-0.81	-3.51	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2575	-1587.9	-1207.8	-3929.3	-304.3	876.0	-24.5	0.0331	0.0462	0.0057				-0.95	-1.55	-4.22	
2576	-1644.0	-1334.5	-4322.0	-313.8	925.7	320.3	0.0331	0.0462	0.0057				-1.12	-1.53	-4.66	
2577	-2203.4	-1321.2	-3988.2	-565.5	850.3	69.6	0.0331	0.0462	0.0057				-1.01	-2.15	-4.35	
2578	-2197.8	-1518.6	-4634.4	-644.4	1023.5	106.0	0.0331	0.0462	0.0057				-1.07	-2.25	-5.04	
2579	-3928.4	-1969.8	-7179.5	-1180.5	4486.3	1294.5	0.0331	0.0462	0.0057				-0.73	-1.68	-10.67	
2580	-3155.9	-2572.8	-6483.7	-1540.5	2935.3	2363.4	0.0331	0.0462	0.0057				-1.29	-1.56	-9.36	
2581	-1585.5	-1534.4	-10901.1	154.7	1355.9	468.9	0.0331	0.0462	0.0055				-1.23	-1.68	-11.11	
2582	-2676.9	-2470.8	-9690.1	-783.7	2519.7	2501.2	0.0331	0.0462	0.0055				-1.69	-1.87	-11.28	
2583	-1353.9	-1447.2	-8865.7	220.3	-304.5	-1256.8	0.0331	0.0462	0.0055				-1.02	-1.56	-9.08	
2584	-1561.0	-1433.1	-10378.9	169.9	992.0	240.6	0.0331	0.0462	0.0055				-1.24	-1.63	-10.49	
2585	-1454.6	-1453.5	-8363.8	79.4	1468.3	-1127.2	0.0331	0.0462	0.0055				-1.06	-1.38	-8.83	
2586	-1458.9	-1391.5	-9920.8	54.6	706.0	-148.8	0.0331	0.0462	0.0055				-1.35	-1.44	-9.98	
2587	-1160.6	-1608.7	-10144.3	39.7	350.3	-268.0	0.0331	0.0462	0.0055				-1.15	-1.60	-10.17	
2588	-1284.8	-1576.1	-10360.1	129.1	345.5	-238.2	0.0331	0.0462	0.0055				-1.23	-1.61	-10.38	
2589	-1477.0	-1203.2	-7203.9	-81.0	-3469.9	-486.8	0.0331	0.0462	0.0055	5.19	3.72	31.49	0.00	-1.36	-9.04	0.0
2590	-1527.6	-1281.6	-7425.4	-45.4	-3328.8	-611.3	0.0331	0.0462	0.0055	0.17	0.12	1.05	0.00	-1.28	-8.97	0.0
2591	-697.9	-326.4	-2708.1	-7.7	-826.6	-319.5	0.0331	0.0462	0.0055				-0.23	-0.46	-3.04	
2592	-736.7	-558.6	-3057.7	40.0	-692.4	-650.0	0.0331	0.0462	0.0055				-0.27	-0.70	-3.38	
2593	-24.2	-0.3	126.6	11.2	-79.1	92.0	0.0120	0.0432	0.0244	16.29	4.51	7.98	0.00	-0.20	-0.29	0.0
2594	-27.7	2.1	119.7	11.4	-75.2	87.8	0.0124	0.0427	0.0244	14.88	4.33	7.56	0.00	-0.19	-0.27	0.0
2595	-159.9	-16.9	-148.0	-18.7	89.1	111.0	0.0089	0.0357	0.0140							
2596	-165.5	-12.7	-161.5	-21.9	100.6	115.7	0.0089	0.0357	0.0140							
2597	-323.4	-54.4	-375.1	-65.8	254.9	151.9	0.0089	0.0357	0.0140							
2598	-326.5	-52.7	-399.8	-73.2	267.2	165.1	0.0089	0.0357	0.0140							
2599	-515.9	-110.0	-639.2	-131.2	491.0	231.5	0.0089	0.0357	0.0140							
2600	-512.0	-113.4	-672.1	-142.9	499.5	255.4	0.0247	0.0357	0.0022							
2601	-713.9	-183.6	-1045.2	-202.9	809.3	361.5	0.0247	0.0357	0.0022							
2602	-703.2	-192.4	-1072.1	-206.5	804.1	385.1	0.0247	0.0357	0.0022							
2603	-835.2	-244.0	-1663.9	-217.9	1146.9	453.2	0.0247	0.0357	0.0057							
2604	-873.8	-283.8	-1720.4	-231.4	1173.6	558.8	0.0247	0.0357	0.0057							
2605	-852.7	-265.1	-2478.2	-144.4	1436.5	569.2	0.0247	0.0357	0.0057							
2606	-853.2	-283.5	-2541.5	-186.6	1402.5	645.9	0.0247	0.0357	0.0057							
2607	-895.6	-381.2	-3493.6	-141.5	1655.6	676.2	0.0247	0.0357	0.0057							
2608	-847.4	-289.1	-3496.4	-172.7	1686.4	720.5	0.0247	0.0357	0.0057							
2609	-1071.0	-529.0	-4898.3	-134.8	1907.3	679.6	0.0247	0.0357	0.0057							
2610	-989.6	-398.0	-4844.4	-191.9	1831.4	881.4	0.0247	0.0357	0.0057							
2611	-377.1	-340.5	-5964.4	142.2	1401.5	525.9	0.0247	0.0357	0.0057							
2612	-670.0	-250.7	-6062.2	104.4	1663.4	628.0	0.0247	0.0357	0.0057							
2613	-481.5	-358.9	-6697.8	234.8	1355.1	419.3	0.0247	0.0357	0.0055							
2614	-431.4	-162.8	-6965.0	422.7	1405.1	378.2	0.0247	0.0357	0.0055							
2615	-751.5	-520.3	-7608.8	251.7	942.9	202.6	0.0247	0.0357	0.0055							
2616	-611.7	-382.1	-7737.4	259.5	1055.2	249.1	0.0247	0.0357	0.0055							
2617	-645.3	-634.4	-7835.6	73.5	459.1	-129.7	0.0247	0.0357	0.0055							
2618	-602.5	-459.7	-8126.6	183.5	628.4	-103.9	0.0247	0.0357	0.0055							
2619	-392.9	-657.1	-7438.4	128.9	-194.4	-322.9	0.0247	0.0357	0.0055							
2620	-505.9	-543.2	-7895.1	240.2	-158.8	-273.4	0.0247	0.0357	0.0055							
2621	-868.8	-812.5	-6955.5	172.6	-342.7	-405.1	0.0247	0.0357	0.0055							
2622	-935.4	-739.5	-7541.3	309.5	-175.0	-559.5	0.0247	0.0357	0.0055							
2623	-1868.0	-1041.9	-6517.7	58.4	-278.7	-544.5	0.0247	0.0357	0.0055							
2624	-1845.0	-1023.9	-7359.1	113.7	-204.3	-855.3	0.0247	0.0357	0.0055							
2625	-39.8	50.7	-130.0	-33.6	162.7	93.2	0.0118	0.0255	0.0244	9.28	4.30	4.49	0.00	-0.06	-0.39	0.0
2626	-40.1	52.4	-169.2	-38.0	180.7	91.6	0.0122	0.0250	0.0244	8.49	4.15	4.26	0.00	-0.04	-0.43	0.0
2627	-162.5	40.9	-395.3	-56.1	347.7	184.6	0.0089	0.0179	0.0140							
2628	-159.8	42.9	-433.1	-64.6	363.1	194.8	0.0089	0.0179	0.0140							
2629	-289.9	23.0	-676.9	-87.6	534.8	265.6	0.0089	0.0179	0.0140							
2630	-282.0	25.1	-717.4	-99.7	546.7	286.1	0.0089	0.0179	0.0140							
2631	-408.2	-1.5	-1001.7	-122.1	738.2	348.4	0.0089	0.0179	0.0140							
2632	-395.9	1.9	-1044.4	-137.4	745.6	378.3	0.0089	0.0179	0.0140							
2633	-499.1	-26.1	-1401.9	-146.2	950.2	432.1	0.0247	0.0179	0.0022							
2634	-484.6	-20.5	-1447.7	-168.4	952.0	473.2	0.0247	0.0179	0.0022							
2635	-557.6	-52.1	-1904.2	-160.7	1153.9	522.1	0.0247	0.0179	0.0057							
2636	-525.0	-31.5	-1939.4	-185.9	1137.8	563.1	0.0247	0.0179	0.0057							
2637	-579.5	-88.4	-2535.4	-171.1	1326.3	600.5	0.0247	0.0179	0.0057							
2638	-556.8	-59.4	-2548.1	-191.9	1306.0	663.0	0.0247	0.0179	0.0057							
2639	-537.3	-93.1	-3309.7	-119.7	1428.3	656.9	0.0247	0.0179	0.0057							
2640	-532.3	-77.7	-3296.4	-157.3	1395.2	741.7	0.0247	0.0179	0.0057							
2641	-369.3	-74.3	-4137.9	-25.5	1335.9	660.6	0.0247	0.0179	0.0057							
2642	-399.3	-47.4	-4116.4	-70.1	1348.2	726.2	0.0247	0.0179	0.0057							
2643	-407.5	-118.3	-5057.8	83.6	1193.1	605.0	0.0247	0.0179	0.0057							
2644	-351.9	-43.7	-5037.1	23.3	1177.4	695.1	0.0247	0.0179	0.0057							
2645	-221.5	-66.6	-5870.1	148.8	1074.8	530.0	0.0247	0.0179	0.0055							
2646	-223.7	13.3	-5842.5	21.2	1099.3	673.2	0.0247	0.0179	0.0055							
2647	-17.6	12.7	-6419.9	185.4	944.0	472.7	0.0247	0.0179	0.0055							
2648	-50.7	120.9	-6470.4	156.5	948.0	627.4	0.0247	0.0179	0.0055							
2649	-166.6	-54.8	-6866.3	199.3	674.3	397.2	0.0247	0.0179	0.0055							
2650	-141.0	89.0	-6947.3	194.5	761.6	506.9	0.0247	0.0179	0.0055							
2651	-392.4	-132.3	-6936.2	115.0	664.2	293.1	0.0247	0.0179	0.0055							
2652	-322.6	56.7	-7092.2	125.5	725.5	389.5	0.0247	0.0179	0.0055							
2653	-533.9	-172.8	-6906.3	47.1	533.7	189.3	0.0247	0.0179	0.0055							
2654	-491.8	25.3	-7153.7	61.0	556.8	370.9	0.0247	0.0179	0.0055							
2655	-647.0	-227.4	-7071.0	-34.9	544.2	175.4	0.0247	0.0179	0.0055							
2656	-579.0	8.6	-7313.7	-36.1	539.4	385.0	0.0247	0.0179	0.0055							
2657	-53.9	44.4	-512.6	-46.4	303.1	106.0	0.0117	0.0256	0.0244	8.38	3.82	4.00	0.00	-0.04	-0.78	0.0
2658	-53.4	46.0	-575.6	-52.5	322.3	110.0	0.0121	0.0252	0.0244	8.30	3.98	4.10	0.00	-0.04	-0.85	0.0
2659	-131.6	33.4	-697.0	-73.8	491.1	210.3	0.0089	0.0179	0.0140							
2660	-127.1	33.5	-756.6	-83.0	502.6	222.7	0.0089	0.0179	0.0140							
2661	-198.5	23.8	-933.5	-97.0	666.3	303.3	0.0089	0.0179	0.0140							
2662	-189.9	23.0	-989.6	-109.3	671.1	323.7	0.0089	0.0179	0.0140							
2663	-252.5	15.4	-1220.4	-116.7	830.4	387.3	0.0089	0.0179	0.0140							
2664	-239.6	14.6	-1272.2	-131.9	829.4	416.4	0.0089	0.0179	0.0140							
2665	-288.3	7.2	-1562.9	-131.7	981.8	465.4	0.0089	0.0179	0.0140							
2666	-271.0	7.8	-1607.8	-148.3	972.3	501.9	0.0247	0.0179	0.0022							
2667	-298.4	1.2	-1968.1	-136.8	1110.0	535.3	0.0247	0.0179	0.0022							
2668	-283.1	0.6	-2003.1	-156.7	1094.1	582.3	0.0247	0.0179	0.0022							
2669	-278.3	3.1	-2435.6	-124.0	1195.6	591.5	0.0247	0.0179	0.0057							
2670	-262.8	4.2	-2456.9	-150.5	1175.6	647.8	0.0247	0.0179	0.0057							
2671	-233.4	5.7	-2949.7	-103.8	1212.8	622.0	0.0247	0.0179	0.0057							
2672	-222.5	15.8	-2955.2	-133.3	1194.0	691.7	0.0247	0.0179	0.0057							
2673	-207.8	10.4	-3505.6	-74.2	1160.8	634.7	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2674	-193.9	29.0	-3499.2	-114.0	1130.4	718.7	0.0247	0.0179	0.0057							
2675	-138.1	37.4	-4134.1	-26.8	951.6	627.9	0.0247	0.0179	0.0057							
2676	-147.9	54.7	-4119.4	-86.9	927.3	698.7	0.0247	0.0179	0.0057							
2677	-80.9	-31.3	-5482.8	79.9	419.4	655.9	0.0247	0.0179	0.0055							
2678	-80.2	-0.3	-5538.3	26.4	366.2	547.6	0.0247	0.0179	0.0057							
2679	-125.2	-97.4	-6592.5	97.5	837.0	833.3	0.0247	0.0179	0.0055							
2680	-121.9	-52.4	-6589.3	66.6	874.4	582.8	0.0247	0.0179	0.0055							
2681	-145.6	-22.6	-6246.2	55.7	1265.5	835.0	0.0247	0.0179	0.0055							
2682	-138.7	15.4	-6508.6	58.3	1068.5	909.1	0.0247	0.0179	0.0055							
2683	-96.9	-38.4	-6541.1	29.2	370.1	734.2	0.0247	0.0179	0.0055							
2684	-98.6	8.9	-6810.4	-27.4	556.4	874.9	0.0247	0.0179	0.0055							
2685	-144.5	-18.1	-6601.1	-36.9	1116.6	716.4	0.0247	0.0179	0.0055							
2686	-113.9	41.8	-6590.4	-26.7	1140.6	693.7	0.0247	0.0179	0.0055							
2687	-142.2	69.0	-6049.2	-69.4	498.3	592.0	0.0247	0.0179	0.0055							
2688	-99.3	108.9	-6035.3	-68.8	473.4	767.5	0.0247	0.0179	0.0055							
2689	-59.7	14.9	-847.7	-52.1	399.5	141.5	0.0115	0.0257	0.0244	9.36	4.19	4.42	0.00	-0.07	-1.14	0.0
2690	-58.7	16.1	-920.5	-57.7	415.5	150.8	0.0119	0.0254	0.0244	9.15	4.30	4.46	0.00	-0.07	-1.22	0.0
2691	-96.4	-1.5	-965.1	-81.9	566.5	231.3	0.0089	0.0179	0.0140							
2692	-92.7	-1.6	-1037.0	-89.4	572.1	245.6	0.0089	0.0179	0.0140							
2693	-120.3	-11.0	-1141.4	-103.7	714.5	315.1	0.0089	0.0179	0.0140							
2694	-114.0	-12.6	-1209.2	-113.2	711.8	334.8	0.0089	0.0179	0.0140							
2695	-129.0	-16.2	-1369.1	-118.0	844.9	391.7	0.0089	0.0179	0.0140							
2696	-120.7	-18.4	-1429.8	-129.5	835.7	417.5	0.0089	0.0179	0.0140							
2697	-121.8	-17.6	-1642.5	-124.2	952.0	460.4	0.0089	0.0179	0.0140							
2698	-113.0	-20.1	-1694.4	-137.8	937.0	492.6	0.0089	0.0179	0.0140							
2699	-97.8	-15.3	-1955.1	-122.1	1030.2	519.8	0.0247	0.0179	0.0022							
2700	-88.1	-16.8	-1996.0	-137.7	1010.3	559.1	0.0247	0.0179	0.0022							
2701	-57.0	-9.6	-2297.3	-112.9	1071.8	567.4	0.0247	0.0179	0.0057							
2702	-48.3	-9.9	-2325.4	-129.7	1049.6	615.2	0.0247	0.0179	0.0057							
2703	-2.5	1.4	-2656.6	-95.6	1068.6	599.0	0.0247	0.0179	0.0057							
2704	5.5	0.7	-2671.6	-115.1	1046.0	658.1	0.0247	0.0179	0.0057							
2705	71.0	19.8	-3010.5	-75.5	1004.2	619.5	0.0247	0.0179	0.0057							
2706	77.4	16.6	-3010.6	-94.7	978.1	681.2	0.0247	0.0179	0.0057							
2707	145.8	35.8	-3304.2	-62.2	825.2	620.1	0.0247	0.0179	0.0057							
2708	158.4	34.5	-3288.9	-71.7	797.9	676.2	0.0247	0.0179	0.0057							
2709	250.9	125.3	-2950.8	-69.3	285.0	654.6	0.0247	0.0179	0.0055							
2710	270.1	120.5	-2873.9	-62.3	215.4	546.3	0.0247	0.0179	0.0057							
2711	271.1	216.0	-2371.5	-85.0	687.3	862.7	0.0247	0.0179	0.0055							
2712	287.0	210.6	-2310.1	-96.1	707.1	591.9	0.0247	0.0179	0.0055							
2713	278.2	172.0	-3190.0	-53.1	1184.5	915.0	0.0247	0.0179	0.0055							
2714	317.8	176.0	-2941.2	-102.3	968.2	947.4	0.0247	0.0179	0.0055							
2715	314.4	199.1	-3600.0	-34.0	319.7	855.5	0.0247	0.0179	0.0055							
2716	349.9	203.2	-3265.1	-54.4	482.0	950.9	0.0247	0.0179	0.0055							
2717	306.2	205.0	-3848.9	-44.0	1050.1	856.5	0.0247	0.0179	0.0055							
2718	338.2	196.1	-3826.6	-78.1	1065.7	791.7	0.0247	0.0179	0.0055							
2719	349.8	120.9	-4820.3	-64.1	440.2	737.2	0.0247	0.0179	0.0055							
2720	371.5	129.3	-4800.5	-82.6	415.4	878.8	0.0247	0.0179	0.0055							
2721	-43.4	-10.3	-1086.1	-60.6	480.2	192.8	0.0114	0.0259	0.0244	12.76	5.62	5.95	0.00	-0.13	-1.45	0.0
2722	-43.8	-10.1	-1160.9	-65.6	489.7	204.7	0.0118	0.0255	0.0244	12.01	5.55	5.79	0.00	-0.12	-1.52	0.0
2723	-57.4	-33.1	-1158.9	-92.8	619.5	263.2	0.0089	0.0179	0.0140							
2724	-55.0	-34.3	-1236.8	-97.5	618.3	278.6	0.0089	0.0179	0.0140							
2725	-45.0	-50.8	-1290.0	-114.0	745.5	328.9	0.0089	0.0179	0.0140							
2726	-43.3	-52.3	-1365.5	-119.7	732.8	348.2	0.0089	0.0179	0.0140							
2727	-22.7	-60.1	-1470.0	-125.4	836.1	390.4	0.0089	0.0179	0.0140							
2728	-21.7	-62.1	-1537.8	-132.8	818.3	414.4	0.0089	0.0179	0.0140							
2729	5.8	-63.4	-1684.7	-128.6	901.2	446.9	0.0089	0.0179	0.0140							
2730	5.7	-66.0	-1742.4	-137.5	880.2	475.3	0.0089	0.0179	0.0140							
2731	41.9	-62.4	-1923.0	-124.5	940.5	496.3	0.0247	0.0179	0.0022							
2732	41.0	-65.5	-1969.3	-134.8	917.5	529.7	0.0247	0.0179	0.0022							
2733	86.9	-56.9	-2173.7	-113.8	949.6	536.4	0.0247	0.0179	0.0057							
2734	85.5	-60.6	-2208.4	-125.2	926.3	575.6	0.0247	0.0179	0.0022							
2735	140.5	-47.6	-2422.2	-99.6	920.9	564.5	0.0247	0.0179	0.0057							
2736	139.3	-52.1	-2446.5	-110.9	898.3	609.7	0.0247	0.0179	0.0057							
2737	198.6	-34.2	-2644.4	-86.7	845.9	579.8	0.0247	0.0179	0.0057							
2738	199.3	-42.6	-2659.6	-95.0	823.9	630.7	0.0247	0.0179	0.0057							
2739	253.6	-22.1	-2777.1	-85.2	714.3	592.2	0.0247	0.0179	0.0057							
2740	256.8	-34.2	-2779.8	-81.7	689.9	635.0	0.0247	0.0179	0.0057							
2741	193.4	-48.5	-2850.1	-106.0	643.3	619.4	0.0247	0.0179	0.0057							
2742	193.6	-72.1	-2853.0	-87.9	626.4	651.6	0.0247	0.0179	0.0057							
2743	119.5	-86.0	-2956.0	-116.1	616.3	669.9	0.0247	0.0179	0.0055							
2744	130.5	-109.6	-2927.5	-120.0	567.7	694.5	0.0247	0.0179	0.0055							
2745	234.0	-27.5	-3027.5	-88.4	588.0	738.4	0.0247	0.0179	0.0055							
2746	220.8	-73.2	-2983.8	-117.5	583.6	725.5	0.0247	0.0179	0.0055							
2747	263.9	2.1	-3281.1	-62.8	651.9	760.6	0.0247	0.0179	0.0055							
2748	251.9	-53.8	-3238.7	-80.9	618.2	780.7	0.0247	0.0179	0.0055							
2749	315.7	5.5	-3608.1	-58.1	466.5	752.2	0.0247	0.0179	0.0055							
2750	337.5	-18.7	-3522.5	-88.5	455.7	843.6	0.0247	0.0179	0.0055							
2751	463.1	44.8	-3814.9	-62.9	325.4	777.0	0.0247	0.0179	0.0055							
2752	476.0	30.1	-3723.8	-77.5	310.3	871.8	0.0247	0.0179	0.0055							
2753	-58.5	6.3	-1231.8	-97.3	552.7	258.7	0.0113	0.0171	0.0244	14.26	9.44	6.59	0.00	-0.10	-1.66	0.0
2754	-55.3	-2.7	-1301.9	-91.7	556.1	267.4	0.0116	0.0167	0.0244	13.52	9.43	6.45	0.00	-0.11	-1.72	0.0
2755	27.0	-45.6	-1261.2	-128.1	754.5	305.3	0.0089	0.0089	0.0140							
2756	20.2	-46.9	-1345.9	-126.2	721.1	320.0	0.0089	0.0089	0.0140							
2757	80.7	-79.6	-1385.7	-137.1	796.6	349.1	0.0089	0.0089	0.0140							
2758	67.6	-81.3	-1466.4	-140.1	764.6	370.4	0.0089	0.0089	0.0140							
2759	109.7	-100.8	-1541.7	-142.4	825.5	395.4	0.0089	0.0089	0.0140							
2760	94.7	-102.6	-1612.2	-148.3	798.8	420.1	0.0089	0.0089	0.0140							
2761	130.5	-111.2	-1711.8	-142.8	848.4	439.5	0.0089	0.0089	0.0140							
2762	115.7	-113.5	-1771.4	-149.8	824.4	467.0	0.0089	0.0089	0.0140							
2763	152.0	-115.5	-1890.2	-138.2	859.1	479.4	0.0089	0.0089	0.0140							
2764	138.3	-118.5	-1939.2	-145.6	836.1	510.1	0.0247	0.0089	0.0022							
2765	176.9	-115.9	-2070.5	-129.5	851.1	513.5	0.0247	0.0089	0.0022							
2766	164.5	-119.5	-2109.6	-137.0	829.2	547.8	0.0247	0.0089	0.0022							
2767	203.0	-113.7	-2243.9	-118.8	820.4	540.8	0.0247	0.0089	0.0057							
2768	191.8	-118.3	-2274.9	-126.2	799.8	578.5	0.0247	0.0089	0.0057							
2769	224.2	-110.5	-2398.5	-109.2	767.7	561.9	0.0247	0.0089	0.0057							
2770	214.2	-115.6	-2423.3	-115.7	749.0	602.4	0.0247	0.0089	0.0057							
2771	226.1	-109.3	-2535.6	-103.2	710.8	580.3	0.0247	0.0089	0.0057							
2772	217.3	-116.9	-2557.6	-109.4	694.3	624.3	0.0247	0.0089	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2773	236.6	-105.5	-2664.9	-97.3	651.6	600.0	0.0247	0.0089	0.0057							
2774	231.9	-112.1	-2680.4	-105.5	632.8	647.5	0.0247	0.0089	0.0057							
2775	255.3	-97.8	-2782.1	-93.1	582.5	620.4	0.0247	0.0089	0.0055							
2776	246.9	-110.2	-2795.4	-95.4	569.2	668.1	0.0247	0.0089	0.0055							
2777	241.4	-109.6	-2912.3	-90.6	525.2	642.1	0.0247	0.0089	0.0055							
2778	238.8	-120.5	-2921.5	-90.4	505.9	691.8	0.0247	0.0089	0.0055							
2779	283.4	-106.2	-3050.3	-81.9	448.5	670.7	0.0247	0.0089	0.0055							
2780	282.5	-116.7	-3048.5	-92.5	431.3	717.6	0.0247	0.0089	0.0055							
2781	334.6	-92.9	-3192.6	-71.7	347.9	698.8	0.0247	0.0089	0.0055							
2782	324.2	-115.0	-3184.2	-75.5	330.2	741.8	0.0247	0.0089	0.0055							
2783	347.8	-94.2	-3313.8	-60.8	196.0	718.7	0.0247	0.0089	0.0055							
2784	339.9	-119.7	-3296.4	-62.4	185.4	764.5	0.0247	0.0089	0.0055							
2785	449.6	78.2	-1235.2	-224.8	1201.5	406.1	0.0225	0.0240	0.0244	47.79	44.77	43.98	0.00	-0.89	-3.04	0.0
2786	383.3	112.4	-1313.9	-237.6	1046.2	350.5	0.0228	0.0168	0.0244	38.88	52.74	36.32	0.00	-0.69	-2.79	0.0
2787	421.5	-22.2	-1348.0	-166.4	863.9	333.5	0.0202	0.0089	0.0140							
2788	353.5	-42.1	-1433.4	-186.1	793.6	354.9	0.0202	0.0089	0.0140							
2789	363.8	-104.8	-1484.6	-164.0	786.7	368.5	0.0202	0.0089	0.0140							
2790	304.4	-110.1	-1559.3	-181.7	751.8	395.8	0.0202	0.0089	0.0140							
2791	313.3	-140.2	-1609.4	-165.9	773.4	405.3	0.0089	0.0089	0.0140							
2792	266.3	-142.0	-1674.8	-178.2	750.5	433.1	0.0089	0.0089	0.0140							
2793	278.7	-157.6	-1734.6	-163.4	776.7	439.7	0.0089	0.0089	0.0140							
2794	242.3	-159.7	-1791.6	-172.6	758.1	468.5	0.0089	0.0089	0.0140							
2795	259.4	-167.1	-1861.9	-157.4	777.5	471.2	0.0089	0.0089	0.0140							
2796	230.5	-170.2	-1910.7	-165.0	760.0	502.0	0.0089	0.0089	0.0140							
2797	251.4	-172.2	-1989.9	-148.9	767.6	499.6	0.0247	0.0089	0.0022							
2798	227.7	-176.4	-2031.4	-155.5	750.8	532.7	0.0247	0.0089	0.0022							
2799	250.0	-174.8	-2116.6	-138.8	744.0	524.6	0.0247	0.0089	0.0057							
2800	230.0	-180.0	-2151.6	-145.0	727.7	559.8	0.0247	0.0089	0.0057							
2801	250.7	-176.0	-2240.3	-128.4	707.9	546.7	0.0247	0.0089	0.0057							
2802	233.5	-182.1	-2269.9	-134.1	692.3	584.0	0.0247	0.0089	0.0057							
2803	254.4	-176.2	-2359.3	-117.9	659.9	566.7	0.0247	0.0089	0.0057							
2804	239.9	-182.5	-2383.8	-123.1	644.8	605.7	0.0247	0.0089	0.0057							
2805	256.6	-176.2	-2471.8	-108.2	602.3	585.2	0.0247	0.0089	0.0057							
2806	243.4	-183.8	-2492.8	-112.3	588.4	625.3	0.0247	0.0089	0.0057							
2807	258.0	-177.4	-2582.6	-98.6	540.6	603.7	0.0247	0.0089	0.0038							
2808	247.9	-184.4	-2599.6	-103.2	526.2	645.3	0.0247	0.0089	0.0038							
2809	272.0	-174.6	-2692.5	-88.5	467.1	622.5	0.0247	0.0089	0.0038							
2810	261.9	-182.8	-2704.7	-93.3	453.4	665.8	0.0247	0.0089	0.0038							
2811	281.0	-174.6	-2799.1	-78.4	380.1	640.8	0.0247	0.0089	0.0038							
2812	270.5	-184.1	-2806.8	-79.8	367.3	685.6	0.0247	0.0089	0.0038							
2813	290.8	-176.3	-2897.1	-66.1	279.4	658.3	0.0247	0.0089	0.0038							
2814	281.7	-184.4	-2899.8	-68.6	268.9	704.2	0.0247	0.0089	0.0038							
2815	300.6	-175.9	-2982.3	-52.8	165.6	674.7	0.0247	0.0089	0.0038							
2816	290.3	-184.3	-2981.0	-54.2	157.4	721.3	0.0247	0.0089	0.0038							
2817	-840.6	-365.2	-2876.9	46.6	1173.7	-315.0	0.0331	0.0462	0.0055				-0.23	-0.41	-3.44	
2818	-860.9	-585.3	-3219.7	10.4	1014.9	-636.1	0.0331	0.0462	0.0055				-0.27	-0.68	-3.71	
2819	-1939.9	-1385.6	-8116.9	123.4	4134.0	-497.3	0.0331	0.0462	0.0055	4.24	3.04	25.73	0.00	-1.51	-10.36	0.0
2820	-1953.3	-1450.0	-8338.6	92.0	3968.6	-611.8	0.0331	0.0462	0.0055				-0.03	-1.43	-10.28	
2821	-1463.5	-1890.1	-11992.4	-15.3	418.6	-296.5	0.0331	0.0462	0.0055				-1.45	-1.88	-12.02	
2822	-1595.4	-1838.0	-12204.2	-119.4	432.0	-246.3	0.0331	0.0462	0.0055				-1.52	-1.89	-12.23	
2823	-1884.3	-1827.6	-10724.5	-63.3	-1350.6	-1489.9	0.0331	0.0462	0.0055				-1.48	-1.80	-11.16	
2824	-1909.3	-1756.0	-12731.4	-55.9	-339.3	-159.9	0.0331	0.0462	0.0055				-1.74	-1.91	-12.74	
2825	-1972.7	-1994.6	-12593.1	-299.0	855.8	-1644.2	0.0331	0.0462	0.0055				-1.40	-2.26	-12.90	
2826	-2165.3	-1989.5	-14539.1	-260.7	-880.8	303.4	0.0331	0.0462	0.0055				-1.76	-2.33	-14.61	
2827	-2440.2	-2331.8	-17020.4	-282.3	-1694.0	693.0	0.0331	0.0462	0.0055				-1.91	-2.63	-17.24	
2828	-4282.1	-3696.4	-14688.5	1256.4	-3626.4	4037.9	0.0331	0.0462	0.0055				-2.37	-3.14	-17.16	
2829	-7274.0	-3030.8	-11301.3	1739.6	-7837.9	2393.7	0.0331	0.0462	0.0057				-1.19	-2.45	-17.97	
2830	-5720.9	-3671.4	-8905.5	2440.8	-5670.9	4895.9	0.0331	0.0462	0.0057				-0.41	-2.26	-15.63	
2831	-4153.1	-1692.7	-5023.5	871.1	-1988.4	595.5	0.0331	0.0462	0.0057				-1.41	-2.63	-6.82	
2832	-3849.6	-1813.4	-5184.6	1016.8	-1728.9	922.8	0.0331	0.0462	0.0057				-1.38	-2.73	-6.73	
2833	-2881.1	-1441.8	-4629.4	414.6	-1301.9	130.4	0.0331	0.0462	0.0057				-1.31	-2.29	-5.35	
2834	-2931.2	-1512.2	-4981.5	464.1	-1293.3	556.4	0.0331	0.0462	0.0057				-1.36	-2.34	-5.72	
2835	-2100.0	-1212.6	-3844.7	248.7	-1197.9	132.8	0.0331	0.0462	0.0057				-1.13	-1.56	-4.47	
2836	-2147.2	-1227.3	-4271.6	197.7	-1183.3	429.0	0.0331	0.0462	0.0057				-1.17	-1.62	-4.86	
2837	-1371.4	-748.3	-1905.5	135.7	-1534.1	435.6	0.0331	0.0462	0.0057				-0.03	-0.73	-3.27	
2838	-1420.4	-786.2	-2132.6	99.6	-1670.7	657.3	0.0331	0.0462	0.0057	2.36	1.69	13.80	0.00	-0.89	-3.68	0.0
2839	-592.0	-359.9	-629.1	-81.9	-584.3	174.4	0.0331	0.0462	0.0022	1.61	1.15	23.89	0.00	-0.49	-1.25	0.0
2840	-624.4	-365.8	-697.9	-115.2	-619.1	212.3	0.0331	0.0462	0.0022	2.38	1.70	35.21	0.00	-0.56	-1.37	0.0
2841	-231.1	-214.5	-335.4	-157.0	-214.9	42.5	0.0331	0.0462	0.0022	0.96	0.69	14.23	0.00	-0.32	-0.55	0.0
2842	-263.5	-213.2	-362.5	-183.4	-241.0	44.0	0.0331	0.0462	0.0022	1.46	1.05	21.66	0.00	-0.36	-0.63	0.0
2843	-61.8	-154.6	-207.3	-177.9	-43.8	-43.5	0.0331	0.0462	0.0022	2.29	1.64	33.97	0.00	-0.25	-0.40	0.0
2844	-89.0	-153.1	-218.6	-197.9	-46.2	-60.1	0.0331	0.0462	0.0022	2.40	1.72	35.58	0.00	-0.26	-0.44	0.0
2845	3.8	-137.3	-97.5	-162.9	88.9	-81.2	0.0331	0.0462	0.0022	4.98	3.57	73.81	0.00	-0.31	-0.41	0.0
2846	-22.1	-134.8	-100.7	-179.3	88.3	-92.4	0.0331	0.0462	0.0022	5.09	3.65	75.46	0.00	-0.32	-0.44	0.0
2847	-2.7	-132.7	74.9	-122.0	145.4	-59.4	0.0331	0.0462	0.0022	6.91	4.95	102.34	0.00	-0.31	-0.44	0.0
2848	-21.4	-133.2	77.1	-136.9	148.5	-69.3	0.0331	0.0462	0.0022	7.15	5.12	105.85	0.00	-0.32	-0.46	0.0
2849	-1909.5	-1074.9	-6830.8	-95.0	1019.4	-544.0	0.0247	0.0357	0.0055							
2850	-1886.0	-1057.1	-7676.1	-158.1	926.1	-854.0	0.0247	0.0357	0.0055							
2851	-903.7	-888.2	-7857.9	-210.6	1016.4	-400.5	0.0247	0.0357	0.0055							
2852	-971.3	-804.6	-8447.6	-362.1	829.2	-540.8	0.0247	0.0357	0.0055							
2853	-482.1	-776.9	-8908.0	-166.7	771.3	-324.1	0.0247	0.0357	0.0055							
2854	-595.4	-637.5	-9399.7	-298.6	736.2	-229.0	0.0247	0.0357	0.0055							
2855	-793.7	-795.4	-9961.6	-134.9	198.5	-66.9	0.0247	0.0357	0.0055							
2856	-693.2	-560.7	-10240.0	-267.7	-218.4	102.9	0.0247	0.0357	0.0055							
2857	-858.1	-680.7	-10297.4	-418.1	-793.2	479.0	0.0247	0.0357	0.0055							
2858	-652.4	-497.7	-10302.3	-413.9	-995.2	547.5	0.0247	0.0357	0.0055							
2859	-467.2	-434.1	-9309.9	-409.1	-1804.5	967.0	0.0247	0.0357	0.0055							
2860	-318.1	-180.8	-9474.6	-727.5	-1882.3	806.5	0.0247	0.0357	0.0057							
2861	-244.9	-401.3	-8299.6	-220.7	-2106.2	1178.2	0.0247	0.0357	0.0057							
2862	-799.1	-427.0	-8363.5	-175.5	-2415.4	1104.4	0.0247	0.0357	0.0057							
2863	-1706.0	-820.9	-6803.2	318.8	-3018.1	1309.9	0.0247	0.0357	0.0057							
2864	-1636.3	-743.4	-6647.4	407.9	-2862.4	1504.5	0.0247	0.0357	0.0057							
2865	-1581.0	-651.8	-4869.6	386.4	-2547.0	1109.7	0.0247	0.0357	0.0057							
2866	-1480.4	-528.7	-4852.1	395.7	-2458.7	1184.4	0.0247	0.0357	0.0057							
2867	-1386.3	-434.3	-3457.7	348.5	-2276.5	942.6	0.0247	0.0357	0.0057							
2868	-1299.8	-338.3	-3446.1	364.2	-2233.4	1027.9	0.0247	0.0357	0.0057							
2869	-1303.7	-319.1	-2380.9	330.1	-1812.3	708.5	0.0247	0.0357	0.0057							
2870	-1236.2	-272.9	-2422.2	366.7	-1765.5	765.9	0.0247	0.0357	0.0057							
2871	-1182.8	-245.0	-1576.7	306.0	-1381.8	510.6	0.0247	0.0357	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2872	-1151.2	-236.3	-1638.6	336.3	-1389.4	551.4	0.0247	0.0357	0.0022							
2873	-867.2	-135.2	-1015.7	223.0	-920.1	315.5	0.0089	0.0357	0.0022							
2874	-855.1	-131.3	-1058.6	239.5	-938.0	335.4	0.0247	0.0357	0.0022							
2875	-560.6	-39.2	-657.0	135.7	-575.4	164.9	0.0089	0.0357	0.0022							
2876	-558.9	-39.7	-686.8	144.4	-596.5	176.1	0.0089	0.0357	0.0022							
2877	-295.1	31.0	-347.3	67.3	-324.9	62.4	0.0089	0.0357	0.0022							
2878	-298.4	31.9	-365.5	71.6	-348.5	63.8	0.0089	0.0357	0.0022							
2879	-69.0	75.5	33.3	33.0	-128.4	-96.3	0.0120	0.0432	0.0127	16.67	4.62	15.70	0.00	-0.20	-0.36	0.0
2880	-73.3	75.4	19.8	33.7	-152.5	-106.1	0.0124	0.0427	0.0127	17.26	5.02	16.87	0.00	-0.22	-0.41	0.0
2881	-616.6	-231.7	-7313.9	-109.2	255.7	202.6	0.0247	0.0179	0.0055							
2882	-546.9	9.2	-7547.8	-132.4	226.0	420.3	0.0247	0.0179	0.0055							
2883	-467.9	-190.0	-7626.7	-170.2	207.7	273.4	0.0247	0.0179	0.0055							
2884	-419.8	19.0	-7850.5	-200.6	150.8	477.0	0.0247	0.0179	0.0055							
2885	-277.9	-159.8	-8110.2	-248.7	-150.4	449.7	0.0247	0.0179	0.0055							
2886	-192.5	45.1	-8212.1	-268.9	-261.3	576.4	0.0247	0.0179	0.0055							
2887	20.1	-88.4	-8416.9	-347.1	-358.5	644.8	0.0247	0.0179	0.0055							
2888	46.9	66.5	-8403.1	-339.0	-489.2	799.6	0.0247	0.0179	0.0055							
2889	214.1	-33.5	-8186.2	-307.4	-901.6	817.1	0.0247	0.0179	0.0055							
2890	164.5	87.9	-8113.5	-266.0	-925.4	1017.4	0.0247	0.0179	0.0055							
2891	-55.5	-170.4	-7724.7	-227.4	-1279.7	937.1	0.0247	0.0179	0.0055							
2892	-87.2	-82.2	-7565.0	-33.8	-1293.4	1120.6	0.0247	0.0179	0.0057							
2893	-377.9	-278.3	-6871.0	-103.4	-1625.4	1061.1	0.0247	0.0179	0.0057							
2894	-269.0	-146.3	-6707.9	-24.8	-1579.8	1169.7	0.0247	0.0179	0.0057							
2895	-326.1	-206.6	-5797.0	37.8	-1921.4	1137.3	0.0247	0.0179	0.0057							
2896	-350.2	-144.4	-5661.3	77.7	-1899.9	1183.0	0.0247	0.0179	0.0057							
2897	-634.2	-212.4	-4723.3	198.1	-2169.0	1118.8	0.0247	0.0179	0.0057							
2898	-605.8	-192.0	-4617.2	237.2	-2094.0	1179.8	0.0247	0.0179	0.0057							
2899	-787.4	-180.1	-3673.1	288.8	-2058.7	980.3	0.0247	0.0179	0.0057							
2900	-739.3	-181.1	-3642.9	314.3	-1987.4	1024.3	0.0247	0.0179	0.0057							
2901	-804.5	-121.3	-2821.0	307.2	-1834.4	811.7	0.0247	0.0179	0.0022							
2902	-750.6	-124.3	-2830.7	321.5	-1791.2	851.3	0.0247	0.0179	0.0022							
2903	-729.1	-50.6	-2146.5	279.1	-1553.1	636.1	0.0247	0.0179	0.0022							
2904	-677.4	-51.4	-2177.5	293.7	-1529.4	674.2	0.0247	0.0179	0.0022							
2905	-619.4	10.1	-1614.6	236.6	-1261.9	471.3	0.0089	0.0179	0.0022							
2906	-581.6	4.7	-1658.6	253.6	-1261.3	506.5	0.0089	0.0179	0.0022							
2907	-456.3	66.1	-1185.2	183.1	-970.9	317.6	0.0089	0.0179	0.0022							
2908	-432.2	61.8	-1231.8	199.1	-984.9	341.5	0.0089	0.0179	0.0022							
2909	-272.7	115.0	-821.1	132.3	-696.8	169.3	0.0089	0.0179	0.0022							
2910	-261.2	112.3	-868.2	145.7	-720.7	179.7	0.0089	0.0179	0.0022							
2911	-90.7	154.6	-489.7	91.3	-418.9	-106.0	0.0118	0.0255	0.0127	25.31	11.74	23.53	0.00	-0.27	-1.06	0.0
2912	-87.9	154.5	-542.3	100.4	-451.0	-109.8	0.0122	0.0250	0.0127	25.89	12.67	24.95	0.00	-0.29	-1.14	0.0
2913	-110.2	68.1	-6231.2	-98.9	110.8	625.2	0.0247	0.0179	0.0055							
2914	-67.5	107.5	-6205.5	-112.1	96.5	804.0	0.0247	0.0179	0.0055							
2915	-44.4	-20.6	-7136.9	-130.1	-654.8	817.5	0.0247	0.0179	0.0055							
2916	-14.3	38.6	-7088.7	-150.4	-718.5	803.7	0.0247	0.0179	0.0055							
2917	64.3	-44.9	-7393.9	-158.9	82.9	904.3	0.0247	0.0179	0.0055							
2918	57.3	0.5	-7601.3	-139.7	-227.2	1057.3	0.0247	0.0179	0.0055							
2919	55.0	-37.1	-7352.0	-165.2	-1043.2	1071.6	0.0247	0.0179	0.0055							
2920	54.4	-1.8	-7534.1	-169.1	-869.5	1154.2	0.0247	0.0179	0.0055							
2921	83.4	-125.3	-7880.7	-181.5	-775.1	1127.4	0.0247	0.0179	0.0055							
2922	79.8	-85.3	-7785.9	-146.5	-824.9	878.6	0.0247	0.0179	0.0055							
2923	120.9	-63.5	-6872.1	-129.6	-531.7	994.9	0.0247	0.0179	0.0057							
2924	119.3	-36.7	-6829.5	-83.1	-480.4	887.0	0.0247	0.0179	0.0057							
2925	38.9	8.4	-5535.9	-29.0	-1234.9	988.6	0.0247	0.0179	0.0057							
2926	14.6	6.6	-5432.0	50.3	-1194.4	1062.2	0.0247	0.0179	0.0057							
2927	-113.8	-27.7	-4845.2	80.7	-1585.0	992.2	0.0247	0.0179	0.0057							
2928	-94.1	-25.4	-4762.5	124.2	-1525.9	1081.2	0.0247	0.0179	0.0057							
2929	-204.1	-31.8	-4182.7	147.1	-1720.8	954.4	0.0247	0.0179	0.0057							
2930	-182.7	-32.2	-4130.8	176.4	-1669.6	1027.6	0.0247	0.0179	0.0057							
2931	-316.5	-29.0	-3542.5	198.3	-1755.5	884.8	0.0247	0.0179	0.0057							
2932	-281.2	-29.7	-3520.8	221.5	-1705.1	946.0	0.0247	0.0179	0.0057							
2933	-389.6	-12.6	-2941.9	224.8	-1676.2	776.6	0.0247	0.0179	0.0022							
2934	-349.9	-17.6	-2951.4	246.3	-1633.9	827.9	0.0247	0.0179	0.0022							
2935	-413.2	10.9	-2420.4	228.2	-1520.6	648.4	0.0089	0.0179	0.0022							
2936	-376.2	2.6	-2452.7	247.4	-1494.5	690.2	0.0247	0.0179	0.0022							
2937	-383.7	40.0	-1986.8	211.4	-1320.5	511.0	0.0089	0.0179	0.0022							
2938	-352.1	32.5	-2033.4	229.4	-1309.7	544.2	0.0089	0.0179	0.0022							
2939	-320.2	71.2	-1634.7	183.5	-1097.2	368.3	0.0089	0.0179	0.0022							
2940	-297.4	64.5	-1692.7	200.2	-1099.3	391.8	0.0089	0.0179	0.0022							
2941	-229.5	104.9	-1358.4	147.7	-855.0	217.8	0.0089	0.0179	0.0022							
2942	-216.1	100.7	-1425.0	162.3	-870.1	231.5	0.0089	0.0179	0.0022							
2943	-117.1	142.2	-1164.2	103.5	-593.5	-79.7	0.0117	0.0256	0.0127	23.48	10.70	21.56	0.00	-0.25	-1.71	0.0
2944	-112.5	142.6	-1238.0	114.8	-622.2	-74.0	0.0121	0.0252	0.0127	23.89	11.46	22.72	0.00	-0.27	-1.80	0.0
2945	378.3	120.2	-4955.4	-90.3	-89.8	766.1	0.0247	0.0179	0.0055							
2946	398.5	128.1	-4926.2	-77.4	-96.8	908.9	0.0247	0.0179	0.0055							
2947	387.6	202.5	-4245.1	-105.4	-730.3	942.2	0.0247	0.0179	0.0055							
2948	415.3	191.5	-4196.3	-75.9	-775.0	880.0	0.0247	0.0179	0.0055							
2949	439.4	193.6	-4232.3	-105.0	-65.6	994.9	0.0247	0.0179	0.0055							
2950	468.3	194.4	-3856.1	-87.5	-252.3	1093.4	0.0247	0.0179	0.0055							
2951	432.5	162.3	-4021.0	-70.7	-1025.1	1102.4	0.0247	0.0179	0.0055							
2952	464.1	162.0	-3719.1	-22.2	-825.6	1137.9	0.0247	0.0179	0.0055							
2953	437.9	202.8	-3351.5	-18.3	-644.2	1090.0	0.0247	0.0179	0.0055							
2954	446.1	192.5	-3229.2	-7.0	-672.2	822.6	0.0247	0.0179	0.0055							
2955	407.3	107.7	-4023.4	-10.0	-366.4	910.6	0.0247	0.0179	0.0057							
2956	419.1	96.6	-3883.2	-12.7	-294.4	805.2	0.0247	0.0179	0.0057							
2957	268.7	13.5	-4417.2	25.5	-1023.2	891.2	0.0247	0.0179	0.0057							
2958	282.2	9.0	-4340.2	34.2	-984.8	948.5	0.0247	0.0179	0.0057							
2959	152.4	-1.4	-4119.5	67.4	-1302.2	890.4	0.0247	0.0179	0.0057							
2960	162.1	-8.7	-4065.2	85.3	-1258.8	952.9	0.0247	0.0179	0.0057							
2961	24.1	-16.2	-3728.8	113.6	-1443.4	855.2	0.0247	0.0179	0.0057							
2962	41.7	-22.6	-3699.0	132.8	-1399.8	916.0	0.0247	0.0179	0.0057							
2963	-82.6	-20.1	-3314.5	150.8	-1492.2	796.8	0.0247	0.0179	0.0057							
2964	-60.6	-28.4	-3308.7	168.4	-1448.9	846.3	0.0247	0.0179	0.0022							
2965	-168.7	-18.1	-2914.7	175.3	-1468.1	713.4	0.0247	0.0179	0.0022							
2966	-143.4	-26.6	-2931.2	191.5	-1430.1	754.9	0.0247	0.0179	0.0022							
2967	-224.3	-9.0	-2551.6	184.7	-1383.0	612.5	0.0089	0.0179	0.0022							
2968	-198.4	-16.8	-2586.7	200.0	-1354.9	647.3	0.0089	0.0179	0.0022							
2969	-247.9	6.0	-2242.2	180.5	-1250.9	499.7	0.0089	0.0179	0.0022							
2970	-224.9	-1.4	-2292.4	194.9	-1234.4	528.9	0.0089	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2971	-239.5	26.7	-1997.2	163.1	-1084.4	379.1	0.0089	0.0179	0.0022							
2972	-221.8	20.9	-2059.7	176.5	-1079.4	401.9	0.0089	0.0179	0.0022							
2973	-202.7	53.6	-1825.1	133.8	-894.2	254.3	0.0089	0.0179	0.0022							
2974	-191.1	50.4	-1895.7	145.9	-902.3	271.3	0.0089	0.0179	0.0022							
2975	-138.7	86.8	-1734.5	92.4	-688.6	129.7	0.0115	0.0257	0.0127	13.02	5.83	11.82	0.00	-0.08	-2.15	0.0
2976	-134.3	87.9	-1809.2	102.5	-710.5	140.3	0.0119	0.0254	0.0127	13.67	6.43	12.83	0.00	-0.10	-2.25	0.0
2977	480.8	43.9	-3917.6	-67.9	-89.0	800.0	0.0247	0.0179	0.0055							
2978	492.5	28.6	-3819.9	-55.9	-96.5	895.1	0.0247	0.0179	0.0055							
2979	366.4	2.4	-3910.6	-68.1	-247.6	820.0	0.0247	0.0179	0.0055							
2980	385.1	-23.1	-3805.8	-39.9	-257.8	912.5	0.0247	0.0179	0.0055							
2981	340.3	-3.3	-3766.9	-54.7	-477.1	870.1	0.0247	0.0179	0.0055							
2982	324.0	-61.4	-3694.4	-38.1	-460.8	891.9	0.0247	0.0179	0.0055							
2983	325.2	-35.5	-3670.7	-16.4	-479.5	884.5	0.0247	0.0179	0.0055							
2984	307.4	-84.2	-3588.7	29.1	-486.9	873.5	0.0247	0.0179	0.0055							
2985	210.9	-96.8	-3723.8	42.3	-588.8	845.7	0.0247	0.0179	0.0055							
2986	218.1	-124.2	-3652.1	45.3	-545.5	871.7	0.0247	0.0179	0.0055							
2987	269.8	-61.3	-3707.3	48.8	-703.0	815.9	0.0247	0.0179	0.0057							
2988	268.6	-89.1	-3665.3	29.3	-684.8	849.3	0.0247	0.0179	0.0057							
2989	301.7	-35.6	-3689.2	46.3	-859.4	799.4	0.0247	0.0179	0.0057							
2990	306.2	-53.1	-3649.2	42.0	-827.5	843.4	0.0247	0.0179	0.0057							
2991	206.5	-47.9	-3582.1	66.0	-1066.2	787.3	0.0247	0.0179	0.0057							
2992	213.3	-61.9	-3559.0	73.8	-1032.1	839.2	0.0247	0.0179	0.0057							
2993	103.2	-59.8	-3364.4	95.2	-1199.5	762.3	0.0247	0.0179	0.0057							
2994	112.4	-69.6	-3356.3	106.0	-1162.6	808.5	0.0247	0.0179	0.0057							
2995	3.6	-66.1	-3109.9	122.3	-1266.2	715.6	0.0247	0.0179	0.0022							
2996	16.8	-74.1	-3117.9	133.4	-1228.8	756.3	0.0247	0.0179	0.0022							
2997	-81.0	-66.0	-2852.5	141.2	-1273.2	650.1	0.0247	0.0179	0.0022							
2998	-65.0	-73.3	-2876.9	151.9	-1238.9	685.4	0.0247	0.0179	0.0022							
2999	-145.5	-60.3	-2615.8	149.3	-1229.5	570.6	0.0089	0.0179	0.0022							
3000	-128.3	-66.8	-2654.7	159.6	-1202.1	601.4	0.0089	0.0179	0.0022							
3001	-185.9	-49.3	-2416.3	146.2	-1144.1	481.8	0.0089	0.0179	0.0022							
3002	-169.5	-54.5	-2467.1	156.0	-1125.6	508.9	0.0089	0.0179	0.0022							
3003	-201.2	-32.9	-2266.0	131.8	-1026.8	388.0	0.0089	0.0179	0.0022							
3004	-188.0	-36.3	-2326.1	141.2	-1018.1	411.3	0.0089	0.0179	0.0022							
3005	-191.0	-10.6	-2173.8	106.8	-888.0	294.2	0.0089	0.0179	0.0022							
3006	-182.3	-11.7	-2238.9	115.6	-890.9	314.2	0.0089	0.0179	0.0022							
3007	-156.1	17.0	-2146.4	71.7	-738.0	206.2	0.0114	0.0259	0.0127	7.71	3.40	6.92	0.00	-0.05	-2.50	0.0
3008	-153.0	18.9	-2212.5	79.5	-752.6	222.5	0.0118	0.0255	0.0127	7.94	3.67	7.36	0.00	-0.05	-2.57	0.0
3009	355.0	-95.5	-3394.3	-48.3	52.5	736.7	0.0247	0.0089	0.0055							
3010	346.5	-121.4	-3372.3	-48.2	46.2	782.6	0.0247	0.0089	0.0055							
3011	354.2	-96.7	-3430.2	-34.2	-195.2	752.0	0.0247	0.0089	0.0055							
3012	342.3	-119.9	-3408.6	-31.7	-192.0	795.2	0.0247	0.0089	0.0055							
3013	309.8	-112.5	-3434.0	-17.7	-325.8	756.6	0.0247	0.0089	0.0055							
3014	307.2	-124.9	-3411.6	16.9	-320.5	803.7	0.0247	0.0089	0.0055							
3015	266.0	-118.4	-3424.9	20.9	-449.2	756.5	0.0247	0.0089	0.0055							
3016	262.1	-131.9	-3407.7	19.9	-438.0	806.5	0.0247	0.0089	0.0055							
3017	267.5	-109.0	-3402.4	30.9	-565.2	757.8	0.0247	0.0089	0.0055							
3018	259.3	-124.2	-3385.9	32.4	-555.3	805.8	0.0247	0.0089	0.0055							
3019	225.1	-118.7	-3369.6	44.5	-699.2	753.7	0.0247	0.0089	0.0057							
3020	223.3	-128.6	-3354.3	51.7	-678.8	801.6	0.0247	0.0089	0.0057							
3021	180.3	-124.1	-3302.5	60.4	-823.0	743.1	0.0247	0.0089	0.0057							
3022	178.1	-134.8	-3294.7	65.3	-800.8	787.5	0.0247	0.0089	0.0057							
3023	135.9	-125.9	-3208.5	75.8	-938.4	726.1	0.0247	0.0089	0.0057							
3024	136.8	-134.2	-3206.3	80.8	-910.7	767.1	0.0247	0.0089	0.0057							
3025	67.1	-128.7	-3083.6	92.8	-1038.2	699.2	0.0247	0.0089	0.0057							
3026	71.5	-136.4	-3091.2	98.9	-1007.1	737.7	0.0247	0.0089	0.0057							
3027	-7.5	-129.7	-2934.3	108.0	-1100.5	659.5	0.0247	0.0089	0.0022							
3028	0.4	-136.1	-2953.3	114.2	-1068.6	694.9	0.0247	0.0089	0.0022							
3029	-76.9	-127.3	-2781.5	117.8	-1121.7	607.5	0.0089	0.0089	0.0022							
3030	-66.4	-132.7	-2812.0	124.0	-1091.5	639.5	0.0247	0.0089	0.0022							
3031	-133.4	-121.0	-2642.0	119.7	-1103.6	545.8	0.0089	0.0089	0.0022							
3032	-121.4	-125.0	-2682.7	125.9	-1078.3	574.9	0.0089	0.0089	0.0022							
3033	-172.5	-110.5	-2529.0	113.2	-1051.1	477.5	0.0089	0.0089	0.0022							
3034	-160.7	-113.1	-2577.7	119.2	-1032.5	504.4	0.0089	0.0089	0.0022							
3035	-191.8	-95.8	-2451.6	98.4	-971.1	406.6	0.0089	0.0089	0.0022							
3036	-182.2	-96.7	-2505.8	104.2	-960.3	431.0	0.0089	0.0089	0.0022							
3037	-190.9	-76.9	-2415.5	76.2	-872.4	337.5	0.0089	0.0089	0.0022							
3038	-184.8	-76.0	-2471.5	82.0	-871.0	359.8	0.0089	0.0089	0.0022							
3039	-171.1	-54.8	-2424.2	48.4	-765.1	276.1	0.0113	0.0171	0.0127	6.73	4.46	5.98	0.00	-0.11	-2.76	0.0
3040	-169.7	-52.1	-2478.8	53.7	-773.5	296.0	0.0116	0.0167	0.0127	6.67	4.65	6.12	0.00	-0.11	-2.82	0.0
3041	298.2	-177.4	-3046.8	-38.8	-43.7	689.1	0.0247	0.0089	0.0038							
3042	287.8	-186.1	-3042.4	-38.7	-46.2	735.7	0.0247	0.0089	0.0038							
3043	282.3	-180.8	-3088.0	-23.5	-163.6	700.7	0.0247	0.0089	0.0038							
3044	273.2	-189.7	-3081.7	-22.2	-163.0	746.7	0.0247	0.0089	0.0038							
3045	261.9	-182.0	-3109.1	20.5	-286.1	709.3	0.0247	0.0089	0.0038							
3046	251.9	-192.8	-3102.7	21.3	-281.4	754.1	0.0247	0.0089	0.0038							
3047	235.5	-184.9	-3110.3	31.9	-408.5	714.0	0.0247	0.0089	0.0038							
3048	227.4	-194.8	-3104.6	35.8	-399.9	757.4	0.0247	0.0089	0.0038							
3049	195.8	-190.5	-3094.4	44.8	-527.5	714.1	0.0247	0.0089	0.0038							
3050	189.8	-199.5	-3091.0	48.3	-514.9	755.9	0.0247	0.0089	0.0057							
3051	159.5	-191.9	-3062.7	57.9	-640.8	709.7	0.0247	0.0089	0.0057							
3052	153.6	-201.5	-3062.4	60.5	-625.2	750.2	0.0247	0.0089	0.0057							
3053	113.6	-194.2	-3015.0	70.9	-752.0	699.8	0.0247	0.0089	0.0057							
3054	110.5	-202.5	-3018.8	74.3	-731.6	739.5	0.0247	0.0089	0.0057							
3055	58.5	-195.9	-2949.0	83.6	-850.8	683.2	0.0247	0.0089	0.0057							
3056	57.7	-203.9	-2959.5	87.0	-827.2	721.3	0.0247	0.0089	0.0057							
3057	0.3	-196.2	-2870.5	94.0	-930.9	659.1	0.0247	0.0089	0.0057							
3058	2.6	-203.1	-2888.7	97.3	-905.0	695.4	0.0247	0.0089	0.0057							
3059	-59.7	-194.9	-2787.0	100.9	-988.1	627.3	0.0247	0.0089	0.0022							
3060	-54.3	-200.3	-2813.5	104.1	-961.4	661.6	0.0247	0.0089	0.0022							
3061	-115.1	-191.3	-2707.0	102.7	-1017.6	587.8	0.0089	0.0089	0.0022							
3062	-107.4	-195.1	-2741.7	105.9	-991.9	619.8	0.0089	0.0089	0.0022							
3063	-160.1	-184.6	-2640.5	98.0	-1018.1	541.8	0.0089	0.0089	0.0022							
3064	-151.0	-186.7	-2681.8	101.1	-995.5	571.6	0.0089	0.0089	0.0022							
3065	-190.4	-174.3	-2595.3	86.5	-990.6	490.8	0.0089	0.0089	0.0022							
3066	-181.3	-174.9	-2641.1	89.5	-972.7	519.0	0.0089	0.0089	0.0022							
3067	-203.8	-160.5	-2576.0	68.9	-938.5	437.0	0.0089	0.0089	0.0022							
3068	-196.5	-159.3	-2624.0	71.9	-926.2	463.1	0.0089	0.0089	0.0022							
3069	-201.0	-143.7	-2582.6	47.1	-866.9	383.5	0.0089	0.0089	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3070	-196.5	-140.9	-2629.6	50.2	-861.6	407.8	0.0089	0.0089	0.0022							
3071	-184.5	-124.7	-2610.3	24.4	-783.2	334.8	0.0112	0.0172	0.0127	6.90	4.50	6.07	0.00	-0.19	-2.96	0.0
3072	-184.0	-120.6	-2653.3	27.1	-785.3	356.4	0.0115	0.0168	0.0127	6.84	4.68	6.20	0.00	-0.19	-3.00	0.0
3073	-346.4	-452.3	-728.5	36.9	557.2	293.1	0.0331	0.0462	0.0057	3.80	2.72	22.24	0.00	-0.59	-1.32	0.0
3074	-90.6	-293.2	-391.3	107.7	226.1	125.5	0.0331	0.0462	0.0022	2.81	2.01	41.66	0.00	-0.43	-0.62	0.0
3075	29.8	-210.9	-230.2	137.6	66.9	47.6	0.0331	0.0462	0.0022	3.36	2.41	49.82	0.00	-0.35	-0.39	0.0
3076	-219.2	-350.0	-535.3	119.7	374.6	151.2	0.0331	0.0462	0.0022	3.14	2.25	46.54	0.00	-0.52	-0.90	0.0
3077	-55.1	-247.2	-322.4	145.1	156.2	75.0	0.0331	0.0462	0.0022	2.86	2.05	42.39	0.00	-0.42	-0.49	0.0
3078	26.5	-194.1	-207.9	153.8	32.4	17.8	0.0331	0.0462	0.0022	3.32	2.37	49.12	0.00	-0.32	-0.38	0.0
3079	-148.2	-255.5	-390.7	168.8	236.7	116.8	0.0331	0.0462	0.0022	3.36	2.40	49.73	0.00	-0.48	-0.65	0.0
3080	-41.7	-208.3	-266.6	174.6	89.7	31.9	0.0331	0.0462	0.0022	2.80	2.00	41.46	0.00	-0.37	-0.42	0.0
3081	14.2	-177.7	-188.0	168.9	-27.5	-26.6	0.0331	0.0462	0.0022	3.54	2.53	52.42	0.00	-0.31	-0.39	0.0
3082	-1559.4	-1535.5	-7990.8	112.5	-279.2	-2940.6	0.0331	0.0462	0.0055				-0.36	-1.59	-9.14	
3083	-1790.1	-1585.4	-9732.5	165.0	-1570.4	-1392.2	0.0331	0.0462	0.0055				-1.01	-1.86	-10.24	
3084	-1552.3	-1522.4	-11001.7	222.0	526.7	70.5	0.0331	0.0462	0.0055				-1.30	-1.75	-11.03	
3085	-1653.2	-1448.9	-11039.6	174.1	870.1	370.1	0.0331	0.0462	0.0055				-1.29	-1.72	-11.13	
3086	-1751.2	-1560.2	-11992.6	56.4	1290.7	696.7	0.0331	0.0462	0.0055				-1.41	-1.70	-12.20	
3087	-3675.1	-1882.0	-7963.3	-932.9	4551.0	733.1	0.0331	0.0462	0.0055				-0.65	-1.88	-10.99	
3088	-2020.5	-1872.7	-4695.0	-659.5	900.7	1294.4	0.0331	0.0462	0.0057				-1.21	-1.85	-5.53	
3089	-1914.2	-1609.5	-4658.2	-507.7	1050.5	777.1	0.0331	0.0462	0.0057				-1.23	-1.71	-5.24	
3090	-1470.2	-1267.3	-4079.0	-252.7	872.2	515.3	0.0331	0.0462	0.0057				-1.09	-1.28	-4.44	
3091	-999.4	-823.3	-2136.9	-106.5	1522.5	303.3	0.0331	0.0462	0.0057	1.98	1.42	11.60	0.00	-0.86	-3.30	0.0
3092	-2308.5	-1377.0	-13635.3	111.4	395.7	564.5	0.0331	0.0462	0.0055				-1.33	-2.31	-13.67	
3093	-2125.0	-1461.3	-13229.3	192.0	507.9	643.8	0.0331	0.0462	0.0055				-1.36	-2.17	-13.29	
3094	-1939.7	-1661.7	-13280.9	170.0	859.4	861.9	0.0331	0.0462	0.0055				-1.47	-2.01	-13.41	
3095	-2732.7	-2713.0	-10505.6	-835.0	3206.8	2388.2	0.0331	0.0462	0.0055				-1.58	-2.05	-12.32	
3096	-2154.3	-3756.4	-8030.2	-1077.7	1597.8	4680.8	0.0331	0.0462	0.0055				-0.75	-1.76	-11.44	
3097	-2891.9	-2688.3	-5850.2	-1386.7	2898.4	2598.5	0.0331	0.0462	0.0057				-1.03	-1.40	-9.00	
3098	-1819.8	-1451.0	-4100.6	-411.8	801.0	540.8	0.0331	0.0462	0.0057				-1.18	-1.70	-4.49	
3099	-1458.6	-1309.2	-3960.1	-220.6	751.4	654.0	0.0331	0.0462	0.0057				-1.14	-1.26	-4.33	
3100	-1134.9	-987.4	-2838.3	-129.6	1178.0	830.8	0.0331	0.0462	0.0057				-0.37	-0.92	-3.68	
3101	-641.4	-597.4	-1260.2	18.5	1021.1	642.8	0.0331	0.0462	0.0057	9.48	6.79	55.43	0.00	-0.94	-2.50	0.0
3102	-2475.6	-4970.3	-9627.4	366.9	311.8	5132.3	0.0331	0.0462	0.0057				-1.44	-2.70	-12.94	
3103	-2385.0	-4870.5	-9490.6	-287.5	547.4	5045.2	0.0331	0.0462	0.0057				-1.63	-2.35	-12.77	
3104	-2291.3	-4825.0	-9418.8	-685.2	1056.5	5163.7	0.0331	0.0462	0.0057				-1.47	-2.14	-12.92	
3105	-2625.2	-3359.6	-6548.6	-1206.6	3031.8	2945.9	0.0331	0.0462	0.0057				-0.87	-1.90	-9.76	
3106	-1586.8	-1831.9	-3668.0	-343.4	1040.3	668.5	0.0331	0.0462	0.0057				-1.15	-1.61	-4.32	
3107	-1370.9	-1667.5	-3728.6	-339.3	367.7	769.5	0.0331	0.0462	0.0057				-1.14	-1.56	-4.06	
3108	-1477.9	-1351.1	-3767.9	-249.3	825.1	783.7	0.0331	0.0462	0.0057				-1.12	-1.21	-4.27	
3109	-1142.0	-958.6	-2703.1	-94.3	1059.5	823.3	0.0331	0.0462	0.0057				-0.38	-0.94	-3.48	
3110	-717.5	-608.7	-1303.0	27.5	976.4	694.6	0.0331	0.0462	0.0057	8.00	5.73	46.79	0.00	-0.94	-2.49	0.0
3111	-338.3	-358.3	-645.2	130.7	395.8	228.4	0.0331	0.0462	0.0057	2.07	1.48	12.10	0.00	-0.54	-1.01	0.0
3112	-1561.4	-2255.1	-4014.8	290.7	91.3	1851.7	0.0331	0.0462	0.0057				-0.94	-1.70	-5.19	
3113	-1519.9	-2209.4	-3997.7	205.3	216.7	1813.3	0.0331	0.0462	0.0057				-0.94	-1.66	-5.13	
3114	-1480.1	-2061.8	-3824.8	80.5	463.4	1577.8	0.0331	0.0462	0.0057				-0.95	-1.63	-4.79	
3115	-1432.4	-1784.8	-3804.9	-155.3	437.1	1253.1	0.0331	0.0462	0.0057				-1.17	-1.37	-4.47	
3116	-1449.7	-1446.9	-3682.4	-133.0	603.3	888.8	0.0331	0.0462	0.0057				-1.11	-1.34	-4.13	
3117	-1231.2	-1157.5	-3356.6	64.7	505.5	576.9	0.0331	0.0462	0.0057				-0.89	-1.27	-3.59	
3118	-1055.8	-897.5	-2470.5	33.7	881.0	735.6	0.0331	0.0462	0.0057				-0.33	-1.00	-3.09	
3119	-747.5	-553.5	-1210.4	69.6	878.8	613.6	0.0331	0.0462	0.0057	6.25	4.48	36.57	0.00	-0.90	-2.24	0.0
3120	-408.1	-316.3	-645.2	160.5	335.4	202.3	0.0331	0.0462	0.0057	0.51	0.36	2.97	0.00	-0.51	-0.91	0.0
3121	-220.9	-225.9	-404.2	191.8	197.3	101.7	0.0331	0.0462	0.0022	1.99	1.43	29.49	0.00	-0.45	-0.60	0.0
3122	-1098.0	-898.7	-1823.7	207.3	28.2	1209.1	0.0331	0.0462	0.0057				-0.03	-1.13	-2.66	
3123	-1053.0	-898.2	-1811.5	215.6	99.0	1188.7	0.0331	0.0462	0.0057				-0.03	-1.11	-2.63	
3124	-1012.0	-882.1	-1812.1	206.0	141.6	1154.6	0.0331	0.0462	0.0057				-0.04	-1.08	-2.59	
3125	-1006.7	-840.9	-1825.4	186.0	158.7	1098.1	0.0331	0.0462	0.0057				-0.07	-1.07	-2.54	
3126	-1013.6	-823.5	-2422.2	186.0	-99.8	757.8	0.0331	0.0462	0.0057				-0.49	-1.03	-2.74	
3127	-1001.3	-709.2	-2187.4	164.7	650.7	585.7	0.0331	0.0462	0.0057				-0.27	-1.03	-2.60	
3128	-734.4	-436.1	-1059.5	165.3	687.7	442.6	0.0331	0.0462	0.0057	3.68	2.64	21.54	0.00	-0.82	-1.78	0.0
3129	-452.9	-244.3	-577.4	204.3	222.5	107.3	0.0331	0.0462	0.0057				-0.03	-0.49	-0.75	
3130	-294.9	-176.6	-363.8	212.1	129.1	45.8	0.0331	0.0462	0.0022	0.60	0.43	8.85	0.00	-0.37	-0.52	0.0
3131	-173.8	-147.0	-231.5	210.9	-20.0	-35.5	0.0331	0.0462	0.0022	1.70	1.22	25.22	0.00	-0.29	-0.43	0.0
3132	-723.2	-116.7	-360.9	111.8	-99.3	-16.8	0.0331	0.0462	0.0022				-0.09	-0.34	-0.77	
3133	-684.5	-129.9	-363.0	154.9	-112.6	9.8	0.0331	0.0462	0.0022				-0.09	-0.33	-0.76	
3134	-647.3	-144.8	-374.7	189.8	-127.5	29.2	0.0331	0.0462	0.0022				-0.08	-0.33	-0.76	
3135	-627.2	-169.4	-433.4	222.3	-172.0	43.8	0.0331	0.0462	0.0022				-0.08	-0.35	-0.80	
3136	-690.3	-305.4	-826.1	212.1	-313.8	334.9	0.0331	0.0462	0.0057				-0.13	-0.44	-1.24	
3137	-713.7	-286.3	-723.4	217.9	302.5	233.8	0.0331	0.0462	0.0057				-0.03	-0.68	-1.02	
3138	-501.3	-148.7	-375.0	229.7	34.0	-61.0	0.0331	0.0462	0.0057				-0.03	-0.37	-0.63	
3139	-357.6	-121.8	-178.7	214.7	-52.0	-56.1	0.0331	0.0462	0.0022	0.96	0.69	14.25	0.00	-0.24	-0.52	0.0
3140	-250.5	-111.5	-73.8	203.8	-131.5	-78.0	0.0331	0.0462	0.0022	4.01	2.87	59.35	0.00	-0.29	-0.54	0.0
3141	-172.6	-115.3	-0.9	189.4	-166.6	-62.8	0.0331	0.0462	0.0022	5.67	4.06	83.94	0.00	-0.30	-0.55	0.0
3142	12.8	-139.3	83.6	96.6	-177.4	38.2	0.0331	0.0462	0.0140	7.01	5.02	16.61	0.00	-0.27	-0.47	0.0
3143	-3.1	-136.9	91.2	107.1	-188.5	33.8	0.0331	0.0462	0.0140	7.34	5.25	17.39	0.00	-0.28	-0.49	0.0
3144	-22.1	-134.7	98.1	117.8	-200.0	26.5	0.0331	0.0462	0.0140	7.66	5.49	18.16	0.00	-0.30	-0.52	0.0
3145	62.2	-154.0	-43.9	123.4	-135.5	-35.9	0.0331	0.0462	0.0140	5.97	4.28	14.16	0.00	-0.32	-0.41	0.0
3146	39.5	-149.6	-37.8	133.6	-141.7	-37.9	0.0331	0.0462	0.0140	5.95	4.26	14.11	0.00	-0.32	-0.42	0.0
3147	13.4	-145.6	-29.4	143.1	-149.1	-39.9	0.0331	0.0462	0.0022	5.96	4.26	88.22	0.00	-0.31	-0.44	0.0
3148	74.7	-172.2	-133.8	140.3	-71.6	-30.8	0.0331	0.0462	0.0140	4.80	3.44	11.38	0.00	-0.31	-0.39	0.0
3149	53.9	-165.6	-127.4	149.4	-82.0	-37.6	0.0331	0.0462	0.0022	4.77	3.42	70.73	0.00	-0.31	-0.40	0.0
3150	28.5	-159.6	-115.9	158.3	-90.6	-44.0	0.0331	0.0462	0.0022	4.71	3.37	69.72	0.00	-0.31	-0.41	0.0
3151	-117.2	-123.3	43.4	172.7	-191.2	-48.0	0.0331	0.0462	0.0022	6.88	4.92	101.89	0.00	-0.33	-0.55	0.0
3152	-94.9	-140.9	-147.0	198.7	-74.6	-51.7	0.0331	0.0462	0.0022	3.42	2.45	50.72	0.00	-0.29	-0.43	0.0
3153	-101.9	-185.5	-274.2	197.3	63.7	16.6	0.0331	0.0462	0.0022	2.07	1.48	30.65	0.00	-0.34	-0.42	0.0
3154	-75.3	-131.1	71.8	154.0	-202.2	-28.7	0.0331	0.0462	0.0022	7.51	5.38	111.31	0.00	-0.33	-0.55	0.0
3155	-45.0	-143.4	-91.3	180.3	-114.5	-54.6	0.0331	0.0462	0.0022	4.70	3.36	69.60	0.00	-0.31	-0.44	0.0
3156	-37.6	-171.8	-196.4	188.2	-23.3	-32.1	0.0331	0.0462	0.0022	3.02	2.16	44.70	0.00	-0.30	-0.41	0.0
3157	-45.3	-135.0	93.4	134.3	-204.7	15.1	0.0331	0.0462	0.0022	7.63	5.46	112.99	0.00	-0.30	-0.54	0.0
3158	-13.0	-145.2	-44.2	159.5	-140.0	-46.9	0.0331	0.0462	0.0022	5.56	3.98	82.34	0.00	-0.31	-0.45	0.0
3159	2.0	-163.2	-136.9	170.8	-75.9	-44.9	0.0331	0.0462	0.0022	4.15	2.97	61.53	0.00	-0.30	-0.41	0.0
3160	-840.7	-240.8	-1560.3	-241.0	1078.5	535.9	0.0247	0.0357	0.0057							
3161	-667.3	-172.8	-1012.4	-203.6	746.1	387.6	0.0247	0.0357	0.0022							
3162	-486.8	-104.4	-661.3	-141.3	477.2	262.0	0.0247	0.0357	0.0022							
3163	-732.1	-184.3	-1251.9	-255.7	881.0	483.6	0.0247	0.0357	0.0022							
3164	-582.2	-132.4	-873.1	-187.6	625.9	344.4	0.0247	0.0357	0.0022							
3165	-438.5	-82.7	-607.6	-128.9	424.1	245.0	0.0247	0.0357	0.0022							
3166	-587.4	-138.0	-989.2	-229.2	678.5	400.7	0.0247	0.0357	0.0022							
3167	-488.2	-94.6	-743.1	-169.9	512.6	303.8	0.0247	0.0357	0.0022							
3168	-381.8	-59.3	-550.7	-115.5	369.3	226.5	0.0303	0.0406	0.0127	1.09	0.81	2.59	0.00	-0.14	-0.95	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3169	-1458.3	-233.4	-8409.9	178.0	205.8	-361.6	0.0247	0.0357	0.0055							
3170	-955.1	-273.9	-8431.2	408.4	254.5	-188.0	0.0247	0.0357	0.0055							
3171	-663.9	-323.9	-8491.3	320.5	391.3	168.9	0.0247	0.0357	0.0055							
3172	-638.9	-275.5	-8297.4	260.8	902.9	564.4	0.0247	0.0357	0.0055							
3173	-518.0	-167.1	-7343.3	135.4	1412.3	893.1	0.0247	0.0357	0.0055							
3174	-412.1	-344.5	-6704.5	161.5	1324.0	1166.2	0.0247	0.0357	0.0057							
3175	-1075.2	-451.8	-5722.3	-163.3	1922.3	1052.8	0.0247	0.0357	0.0057							
3176	-883.1	-322.7	-4354.4	-235.9	1653.8	947.1	0.0247	0.0357	0.0057							
3177	-792.8	-248.3	-3190.3	-240.4	1623.7	832.7	0.0247	0.0357	0.0057							
3178	-805.2	-228.3	-2271.6	-255.2	1311.1	712.2	0.0247	0.0357	0.0057							
3179	-1000.6	271.4	-8723.8	94.3	382.1	966.8	0.0247	0.0357	0.0055							
3180	-828.9	128.5	-8570.9	207.2	509.2	1099.1	0.0247	0.0357	0.0055							
3181	-569.8	-25.6	-8086.5	197.9	948.1	1330.5	0.0247	0.0357	0.0055							
3182	-471.2	-67.7	-7562.4	346.0	1112.8	1427.8	0.0247	0.0357	0.0055							
3183	-721.3	-21.0	-6642.9	58.7	1644.3	1210.0	0.0247	0.0357	0.0057							
3184	-658.7	-226.9	-5571.0	-230.6	1490.7	1294.2	0.0247	0.0357	0.0057							
3185	-952.3	-452.3	-4598.8	-339.1	1664.8	1285.8	0.0247	0.0357	0.0057							
3186	-781.1	-321.8	-3472.5	-284.7	1538.4	1066.8	0.0247	0.0357	0.0057							
3187	-727.8	-244.2	-2550.4	-282.7	1370.6	851.0	0.0247	0.0357	0.0057							
3188	-778.0	-216.2	-1819.4	-306.6	1127.5	619.1	0.0247	0.0357	0.0057							
3189	-688.5	167.6	-7471.2	-107.6	355.4	2318.3	0.0247	0.0357	0.0057							
3190	-570.0	128.0	-7212.2	-89.3	606.3	2223.8	0.0247	0.0357	0.0057							
3191	-392.2	92.9	-6631.4	-170.2	1015.2	2007.0	0.0247	0.0357	0.0057							
3192	-484.1	-319.8	-6052.9	-271.4	1127.7	1988.2	0.0247	0.0357	0.0057							
3193	-905.5	-750.7	-5377.9	-436.3	1452.1	1935.9	0.0247	0.0357	0.0057							
3194	-796.8	-585.9	-4358.5	-419.0	1456.1	1522.7	0.0247	0.0357	0.0057							
3195	-639.5	-378.0	-3406.5	-340.2	1367.5	1222.9	0.0247	0.0357	0.0057							
3196	-654.3	-312.0	-2618.6	-320.3	1275.7	995.9	0.0247	0.0357	0.0057							
3197	-706.2	-279.9	-1977.3	-331.3	1092.4	764.9	0.0247	0.0357	0.0057							
3198	-686.7	-213.3	-1394.5	-302.3	909.0	574.0	0.0247	0.0357	0.0022							
3199	-507.4	-1003.6	-4994.3	-136.3	232.7	2752.7	0.0247	0.0357	0.0057							
3200	-460.0	-954.2	-4837.6	-217.2	456.9	2622.8	0.0247	0.0357	0.0057							
3201	-443.8	-890.0	-4588.6	-345.1	688.6	2412.1	0.0247	0.0357	0.0057							
3202	-486.4	-697.6	-4130.8	-470.9	914.0	2012.7	0.0247	0.0357	0.0057							
3203	-478.6	-510.3	-3606.4	-440.7	963.2	1571.9	0.0247	0.0357	0.0057							
3204	-470.1	-425.5	-3045.1	-376.7	1074.2	1299.0	0.0247	0.0357	0.0057							
3205	-484.1	-340.1	-2443.9	-341.2	1069.3	1044.9	0.0247	0.0357	0.0057							
3206	-569.1	-297.8	-1918.4	-339.1	958.4	810.9	0.0247	0.0357	0.0057							
3207	-586.0	-233.5	-1409.0	-311.6	838.4	626.1	0.0247	0.0357	0.0022							
3208	-507.5	-141.5	-1002.2	-240.0	637.3	433.9	0.0247	0.0357	0.0022							
3209	-219.7	-832.7	-2711.7	-94.0	99.1	1786.6	0.0247	0.0357	0.0057							
3210	-216.0	-782.6	-2649.4	-163.8	222.1	1713.1	0.0247	0.0357	0.0057							
3211	-223.1	-693.6	-2568.5	-241.9	335.3	1590.8	0.0247	0.0357	0.0057							
3212	-239.3	-561.6	-2515.8	-305.8	420.5	1414.9	0.0247	0.0357	0.0057							
3213	-198.9	-383.7	-2312.4	-342.9	607.2	1233.3	0.0247	0.0357	0.0057							
3214	-193.3	-265.9	-1998.1	-320.6	693.8	992.8	0.0247	0.0357	0.0057							
3215	-334.5	-245.2	-1668.3	-313.0	717.1	757.2	0.0247	0.0357	0.0057							
3216	-398.3	-192.9	-1258.7	-283.0	679.6	586.0	0.0247	0.0357	0.0022							
3217	-364.9	-116.0	-913.2	-220.1	541.6	416.3	0.0247	0.0357	0.0022							
3218	-318.0	-60.5	-649.0	-161.5	418.5	296.2	0.0247	0.0357	0.0022							
3219	40.6	-368.9	-1211.2	-35.1	-80.2	835.9	0.0352	0.0358	0.0127	5.19	5.11	14.37	0.00	-0.18	-1.91	0.0
3220	39.0	-349.5	-1194.7	-68.0	50.3	815.6	0.0351	0.0358	0.0127	4.43	4.34	12.23	0.00	-0.12	-1.85	0.0
3221	31.7	-318.9	-1192.2	-101.3	91.1	785.5	0.0349	0.0360	0.0127	4.51	4.38	12.41	0.00	-0.13	-1.82	0.0
3222	26.5	-276.2	-1225.1	-129.1	133.8	754.2	0.0347	0.0362	0.0127	4.62	4.43	12.62	0.00	-0.13	-1.82	0.0
3223	96.6	-161.8	-1168.8	-150.2	276.3	661.5	0.0344	0.0365	0.0127	5.05	4.76	13.68	0.00	-0.03	-1.73	0.0
3224	61.5	-86.8	-1062.6	-212.1	336.4	542.0	0.0341	0.0369	0.0161	6.34	5.86	13.40	0.00	-0.11	-1.63	0.0
3225	-69.2	-75.9	-861.5	-193.1	436.5	407.8	0.0337	0.0373	0.0127	3.81	3.44	10.09	0.00	-0.03	-1.36	0.0
3226	-109.9	-31.8	-609.9	-147.7	386.4	273.7	0.0332	0.0377	0.0127	3.02	2.66	7.90	0.00	-0.02	-1.03	0.0
3227	-117.3	-5.7	-401.6	-107.5	314.6	188.4	0.0327	0.0383	0.0127	2.77	2.37	7.13	0.00	-0.03	-0.77	0.0
3228	-102.2	12.4	-236.8	-71.0	234.7	128.7	0.0321	0.0388	0.0127	2.73	2.26	6.90	0.00	-0.04	-0.55	0.0
3229	-28.0	4.7	113.1	10.2	-67.6	82.9	0.0129	0.0422	0.0244	13.40	4.11	7.10	0.00	-0.18	-0.25	0.0
3230	-28.4	7.7	105.3	8.6	-57.2	77.3	0.0135	0.0416	0.0244	11.81	3.83	6.53	0.00	-0.16	-0.23	0.0
3231	-30.1	11.9	92.4	7.1	-41.1	69.7	0.0141	0.0411	0.0244	9.87	3.38	5.68	0.00	-0.14	-0.20	0.0
3232	-164.1	-9.9	-167.8	-25.4	110.5	119.4	0.0089	0.0357	0.0140							
3233	-157.3	-4.5	-164.4	-27.4	116.4	120.5	0.0089	0.0357	0.0140							
3234	-149.9	1.4	-159.4	-30.0	123.8	119.7	0.0089	0.0357	0.0140							
3235	-315.8	-48.8	-405.8	-75.9	267.3	173.2	0.0089	0.0357	0.0140							
3236	-293.2	-37.8	-389.3	-72.4	253.9	171.0	0.0089	0.0357	0.0140							
3237	-272.3	-26.3	-366.3	-70.4	243.2	168.8	0.0143	0.0409	0.0244	3.31	1.16	1.94	0.00	-0.14	-0.67	0.0
3238	-83.4	20.6	-113.1	-42.2	164.8	93.2	0.0316	0.0394	0.0127	2.87	2.30	7.12	0.00	-0.06	-0.38	0.0
3239	-265.3	-22.4	-459.7	-110.1	312.8	213.7	0.0247	0.0357	0.0022							
3240	-433.4	-81.7	-739.6	-176.0	486.4	312.5	0.0247	0.0357	0.0022							
3241	-63.7	20.4	-21.8	-20.6	105.8	74.6	0.0310	0.0399	0.0127	3.15	2.45	7.68	0.00	-0.09	-0.27	0.0
3242	-217.7	-4.9	-324.7	-72.7	231.9	164.7	0.0247	0.0357	0.0022							
3243	-362.2	-47.9	-566.7	-126.9	375.4	239.9	0.0247	0.0357	0.0022							
3244	-42.9	16.9	52.6	-6.5	56.0	67.2	0.0147	0.0405	0.0244	7.87	2.85	4.72	0.00	-0.12	-0.20	0.0
3245	-170.0	3.3	-208.7	-43.8	162.3	130.9	0.0247	0.0357	0.0022							
3246	-292.6	-28.3	-420.7	-87.7	280.5	188.7	0.0304	0.0405	0.0127	1.66	1.25	3.99	0.00	-0.14	-0.76	0.0
3247	-483.7	-27.0	-1844.2	-208.5	1076.6	595.3	0.0247	0.0179	0.0022							
3248	-447.1	-12.4	-1406.0	-182.3	911.3	491.7	0.0247	0.0179	0.0022							
3249	-369.3	7.6	-1040.2	-148.7	728.3	394.5	0.0089	0.0179	0.0140							
3250	-426.4	-20.0	-1616.1	-215.1	964.2	578.6	0.0247	0.0179	0.0022							
3251	-388.1	-2.1	-1277.2	-186.3	827.0	480.5	0.0247	0.0179	0.0022							
3252	-324.9	15.5	-987.1	-150.9	682.9	387.3	0.0089	0.0179	0.0140							
3253	-354.8	-6.4	-1392.1	-214.6	846.1	539.9	0.0247	0.0179	0.0022							
3254	-320.0	8.9	-1146.6	-183.6	740.6	454.3	0.0247	0.0179	0.0022							
3255	-274.0	22.5	-932.7	-150.1	633.1	372.6	0.0301	0.0229	0.0127	6.12	8.04	14.50	0.00	-0.13	-1.61	0.0
3256	-439.5	232.1	-7380.0	-53.5	471.8	687.0	0.0247	0.0179	0.0055							
3257	-361.8	238.2	-7210.0	59.9	591.4	660.2	0.0247	0.0179	0.0055							
3258	-209.5	247.2	-7021.6	122.3	746.6	690.5	0.0247	0.0179	0.0055							
3259	-84.5	198.8	-6692.9	120.6	879.7	721.5	0.0247	0.0179	0.0055							
3260	-142.5	84.0	-6223.2	77.4	988.7	771.5	0.0247	0.0179	0.0055							
3261	-279.2	62.0	-5504.6	-93.2	1132.3	786.4	0.0247	0.0179	0.0057							
3262	-263.4	31.5	-4679.6	-117.9	1190.8	829.6	0.0247	0.0179	0.0057							
3263	-430.7	-37.2	-3838.9	-169.5	1365.0	847.2	0.0247	0.0179	0.0057							
3264	-511.5	-57.0	-3052.5	-210.7	1326.8	791.9	0.0247	0.0179	0.0057							
3265	-526.5	-54.5	-2389.6	-217.6	1230.7	693.7	0.0247	0.0179	0.0057							
3266	-228.1	264.0	-6937.8	-84.0	387.0	1260.9	0.0247	0.0179	0.0055							
3267	-174.0	237.1	-6708.6	-33.4	602.7	1196.2	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3268	-141.7	171.8	-6443.8	-30.4	753.4	1145.2	0.0247	0.0179	0.0055							
3269	-114.0	88.9	-6008.8	-145.6	923.1	1102.0	0.0247	0.0179	0.0055							
3270	-133.1	-21.5	-5457.4	-178.4	1034.2	1075.9	0.0247	0.0179	0.0057							
3271	-270.4	-60.3	-4783.6	-185.2	1165.3	1050.7	0.0247	0.0179	0.0057							
3272	-290.7	-21.9	-3986.4	-235.5	1256.8	1021.9	0.0247	0.0179	0.0057							
3273	-419.5	-48.4	-3260.6	-274.7	1290.2	936.6	0.0247	0.0179	0.0057							
3274	-471.2	-52.1	-2603.5	-273.3	1217.4	813.3	0.0247	0.0179	0.0057							
3275	-456.4	-38.2	-2048.1	-239.3	1100.2	693.9	0.0247	0.0179	0.0022							
3276	-49.1	-39.8	-5858.4	-122.3	314.3	1727.2	0.0247	0.0179	0.0057							
3277	-45.9	-57.7	-5622.9	-142.3	538.8	1642.0	0.0247	0.0179	0.0057							
3278	-76.9	-114.7	-5330.7	-167.4	707.4	1561.7	0.0247	0.0179	0.0057							
3279	-76.8	-91.5	-4946.0	-206.0	873.6	1445.8	0.0247	0.0179	0.0057							
3280	-44.7	-19.5	-4437.7	-258.4	1002.4	1322.3	0.0247	0.0179	0.0057							
3281	-173.7	-61.7	-3862.4	-302.2	1134.1	1234.8	0.0247	0.0179	0.0057							
3282	-295.7	-95.9	-3259.4	-333.8	1173.2	1105.5	0.0247	0.0179	0.0057							
3283	-354.1	-75.4	-2685.4	-326.1	1139.1	947.3	0.0247	0.0179	0.0057							
3284	-370.8	-41.8	-2167.6	-288.7	1067.2	792.4	0.0247	0.0179	0.0022							
3285	-368.1	-18.3	-1725.7	-246.9	954.3	647.3	0.0247	0.0179	0.0022							
3286	104.7	-211.1	-4444.5	-129.2	223.3	1935.4	0.0247	0.0179	0.0057							
3287	88.2	-196.2	-4281.2	-184.5	418.6	1836.0	0.0247	0.0179	0.0057							
3288	71.6	-182.8	-4051.3	-235.4	594.2	1703.8	0.0247	0.0179	0.0057							
3289	40.3	-203.9	-3775.1	-274.9	742.5	1577.4	0.0247	0.0179	0.0057							
3290	-26.4	-209.6	-3423.8	-330.8	890.4	1438.7	0.0247	0.0179	0.0057							
3291	-106.8	-164.9	-3002.5	-362.2	964.9	1245.2	0.0247	0.0179	0.0057							
3292	-185.9	-122.6	-2569.3	-355.0	979.5	1047.9	0.0247	0.0179	0.0057							
3293	-226.9	-74.5	-2147.0	-319.7	956.3	872.3	0.0247	0.0179	0.0057							
3294	-254.3	-35.8	-1764.2	-278.0	891.3	712.0	0.0247	0.0179	0.0022							
3295	-269.1	-11.1	-1420.4	-237.0	804.5	572.2	0.0247	0.0179	0.0022							
3296	212.7	-397.9	-3147.8	-102.2	135.8	1689.1	0.0247	0.0179	0.0057							
3297	195.8	-367.6	-3053.4	-167.5	282.5	1613.9	0.0247	0.0179	0.0057							
3298	175.4	-328.1	-2928.5	-226.1	421.7	1505.0	0.0247	0.0179	0.0057							
3299	153.0	-275.4	-2742.1	-275.3	563.0	1363.7	0.0247	0.0179	0.0057							
3300	97.5	-225.4	-2507.8	-304.7	665.3	1196.7	0.0247	0.0179	0.0057							
3301	21.1	-171.6	-2249.0	-324.7	729.9	1027.5	0.0247	0.0179	0.0057							
3302	-25.8	-105.4	-1963.5	-308.8	763.3	860.1	0.0247	0.0179	0.0057							
3303	-80.1	-56.6	-1675.7	-278.6	755.6	700.5	0.0247	0.0179	0.0022							
3304	-127.6	-22.1	-1392.5	-245.2	716.1	562.2	0.0247	0.0179	0.0022							
3305	-144.3	8.2	-1131.1	-203.7	644.8	438.7	0.0247	0.0179	0.0022							
3306	331.3	-263.8	-2250.1	-52.4	76.5	1017.0	0.0352	0.0179	0.0127	9.55	18.79	26.44	0.00	-0.17	-3.02	0.0
3307	316.9	-244.5	-2192.6	-100.8	168.3	978.3	0.0351	0.0180	0.0127	9.53	18.62	26.32	0.00	-0.18	-2.95	0.0
3308	301.1	-215.0	-2125.9	-146.1	260.5	920.7	0.0349	0.0181	0.0127	9.73	18.75	26.74	0.00	-0.19	-2.87	0.0
3309	284.5	-172.2	-2027.2	-188.6	362.5	838.9	0.0347	0.0184	0.0127	10.25	19.38	27.99	0.00	-0.21	-2.77	0.0
3310	228.2	-138.6	-1898.8	-225.0	443.5	736.0	0.0344	0.0187	0.0127	9.95	18.34	26.93	0.00	-0.23	-2.61	0.0
3311	176.4	-94.2	-1728.6	-227.0	512.8	624.2	0.0340	0.0190	0.0127	9.59	17.14	25.68	0.00	-0.22	-2.40	0.0
3312	129.7	-40.4	-1532.7	-227.7	544.8	513.2	0.0336	0.0195	0.0127	9.45	16.30	24.97	0.00	-0.21	-2.18	0.0
3313	63.4	-7.0	-1321.1	-213.0	558.1	405.9	0.0331	0.0200	0.0127	8.60	14.27	22.41	0.00	-0.19	-1.93	0.0
3314	16.2	22.6	-1102.6	-185.2	531.9	308.5	0.0326	0.0205	0.0127	7.70	12.26	19.75	0.00	-0.16	-1.65	0.0
3315	-13.3	42.7	-899.4	-153.8	482.3	227.8	0.0320	0.0210	0.0127	6.83	10.39	17.20	0.00	-0.14	-1.39	0.0
3316	-37.6	54.4	-217.7	-44.1	201.2	91.0	0.0128	0.0245	0.0244	7.81	4.06	4.08	0.00	-0.03	-0.47	0.0
3317	-34.0	56.6	-277.5	-51.1	226.6	89.4	0.0133	0.0240	0.0244	7.62	4.24	4.16	0.00	-0.02	-0.54	0.0
3318	-30.2	59.4	-349.0	-59.9	258.0	87.6	0.0139	0.0234	0.0244	8.35	4.97	4.75	0.00	-0.04	-0.63	0.0
3319	-150.8	43.6	-466.8	-73.6	374.9	201.6	0.0089	0.0179	0.0140							
3320	-135.6	45.9	-496.5	-81.6	381.8	202.3	0.0089	0.0179	0.0140							
3321	-118.7	47.9	-531.8	-90.1	390.1	200.5	0.0089	0.0179	0.0140							
3322	-264.4	27.0	-736.8	-109.1	546.0	297.8	0.0089	0.0179	0.0140							
3323	-236.6	31.7	-733.4	-114.5	531.4	296.9	0.0089	0.0179	0.0140							
3324	-207.6	35.6	-729.1	-120.1	518.1	292.6	0.0141	0.0232	0.0244	11.71	7.13	6.76	0.00	-0.10	-1.30	0.0
3325	-27.9	55.4	-724.1	-122.9	423.4	167.4	0.0314	0.0216	0.0127	6.00	8.72	14.83	0.00	-0.11	-1.15	0.0
3326	-145.0	28.3	-922.8	-165.7	569.6	344.8	0.0247	0.0179	0.0022							
3327	-256.3	9.6	-1160.0	-197.0	709.7	463.5	0.0247	0.0179	0.0022							
3328	-33.3	60.6	-576.0	-96.4	364.9	125.6	0.0309	0.0222	0.0127	5.24	7.29	12.73	0.00	-0.08	-0.95	0.0
3329	-135.7	39.9	-761.2	-134.2	499.8	277.6	0.0247	0.0179	0.0022							
3330	-235.1	23.1	-972.9	-165.5	629.7	387.0	0.0247	0.0179	0.0022							
3331	-31.1	62.2	-446.6	-74.7	306.5	96.8	0.0145	0.0228	0.0244	9.58	6.10	5.68	0.00	-0.06	-0.77	0.0
3332	-119.9	46.9	-617.5	-106.8	431.0	222.0	0.0089	0.0179	0.0140							
3333	-206.7	32.8	-806.0	-136.5	549.9	320.5	0.0145	0.0228	0.0244	11.62	7.40	6.89	0.00	-0.09	-1.40	0.0
3334	-258.7	4.5	-1935.3	-175.0	1046.1	603.8	0.0247	0.0179	0.0022							
3335	-246.7	8.6	-1585.7	-162.3	935.9	519.0	0.0247	0.0179	0.0022							
3336	-219.9	14.9	-1284.8	-143.4	809.5	430.9	0.0089	0.0179	0.0140							
3337	-224.1	2.4	-1772.2	-190.5	961.2	595.4	0.0247	0.0179	0.0022							
3338	-213.3	7.8	-1500.0	-171.1	869.5	509.1	0.0247	0.0179	0.0022							
3339	-193.1	14.5	-1260.2	-150.0	768.0	423.9	0.0089	0.0179	0.0140							
3340	-180.1	-2.1	-1619.4	-196.1	868.6	561.5	0.0247	0.0179	0.0022							
3341	-175.6	6.1	-1420.2	-176.0	799.2	484.8	0.0247	0.0179	0.0022							
3342	-163.2	13.7	-1241.2	-153.9	721.7	408.3	0.0142	0.0231	0.0244	15.43	9.47	8.95	0.00	-0.12	-1.93	0.0
3343	-59.7	146.7	-6405.3	-68.2	416.0	1247.0	0.0247	0.0179	0.0055							
3344	-68.6	92.5	-6526.9	15.5	810.5	1002.3	0.0247	0.0179	0.0055							
3345	-71.4	42.5	-6622.4	-37.1	754.8	780.7	0.0247	0.0179	0.0055							
3346	-84.0	12.4	-6369.7	-30.8	806.2	727.0	0.0247	0.0179	0.0055							
3347	-42.0	-5.6	-5808.8	-55.7	678.4	540.9	0.0247	0.0179	0.0055							
3348	-48.5	17.9	-4821.9	-119.7	657.7	574.5	0.0247	0.0179	0.0057							
3349	-138.6	36.4	-3891.2	-160.6	975.5	783.9	0.0247	0.0179	0.0057							
3350	-167.8	28.4	-3313.3	-167.9	1107.4	796.6	0.0247	0.0179	0.0057							
3351	-209.8	13.1	-2811.6	-176.1	1156.1	753.8	0.0247	0.0179	0.0057							
3352	-241.4	7.7	-2344.6	-180.9	1125.8	685.1	0.0247	0.0179	0.0057							
3353	72.1	108.4	-6021.3	-93.5	319.4	933.5	0.0247	0.0179	0.0057							
3354	58.9	82.4	-5817.0	-85.7	500.5	861.6	0.0247	0.0179	0.0057							
3355	65.3	46.5	-5555.2	-103.2	673.8	776.4	0.0247	0.0179	0.0055							
3356	59.5	12.5	-5260.5	-121.5	746.7	703.3	0.0247	0.0179	0.0055							
3357	40.7	11.8	-4630.8	-180.4	668.2	840.3	0.0247	0.0179	0.0057							
3358	-11.8	23.1	-3893.0	-223.6	935.4	949.3	0.0247	0.0179	0.0057							
3359	-93.4	5.1	-3433.8	-224.2	1028.0	915.4	0.0247	0.0179	0.0057							
3360	-142.0	3.2	-2953.5	-222.0	1083.2	867.6	0.0247	0.0179	0.0057							
3361	-186.1	-0.6	-2511.7	-215.8	1088.2	787.8	0.0247	0.0179	0.0057							
3362	-216.3	-0.7	-2107.8	-207.4	1039.8	689.1	0.0247	0.0179	0.0022							
3363	241.9	-41.1	-4754.4	-106.4	247.2	1475.5	0.0247	0.0179	0.0057							
3364	213.8	-43.1	-4589.8	-134.3	439.4	1406.4	0.0247	0.0179	0.0057							
3365	197.5	-48.4	-4365.9	-167.0	602.3	1321.9	0.0247	0.0179	0.0057							
3366	162.4	-67.3	-4065.4	-210.3	732.3	1245.6	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3367	85.8	-77.2	-3739.1	-248.4	852.4	1165.3	0.0247	0.0179	0.0057							
3368	23.3	-55.2	-3381.2	-262.5	915.9	1082.9	0.0247	0.0179	0.0057							
3369	-41.3	-36.8	-2975.9	-263.7	986.6	993.6	0.0247	0.0179	0.0057							
3370	-101.6	-28.6	-2587.8	-256.0	1008.8	886.6	0.0247	0.0179	0.0057							
3371	-148.5	-21.8	-2219.3	-241.9	988.5	773.2	0.0247	0.0179	0.0022							
3372	-174.5	-12.5	-1883.3	-219.9	935.4	658.3	0.0247	0.0179	0.0022							
3373	299.5	-205.1	-3951.4	-100.2	188.7	1597.6	0.0247	0.0179	0.0057							
3374	272.4	-193.4	-3817.4	-149.6	363.1	1530.6	0.0247	0.0179	0.0057							
3375	238.3	-183.3	-3637.4	-193.3	518.3	1443.3	0.0247	0.0179	0.0057							
3376	195.6	-159.2	-3412.3	-234.4	654.7	1333.3	0.0247	0.0179	0.0057							
3377	141.8	-131.1	-3146.8	-261.0	757.0	1209.4	0.0247	0.0179	0.0057							
3378	75.7	-109.5	-2858.0	-277.0	834.1	1085.4	0.0247	0.0179	0.0057							
3379	11.1	-83.9	-2555.7	-278.3	878.2	959.3	0.0247	0.0179	0.0057							
3380	-49.0	-60.3	-2249.2	-267.7	888.5	830.1	0.0247	0.0179	0.0022							
3381	-92.8	-37.9	-1956.2	-246.0	866.0	703.5	0.0247	0.0179	0.0022							
3382	-117.9	-17.8	-1686.2	-217.1	817.3	584.4	0.0247	0.0179	0.0022							
3383	340.4	-289.1	-3244.7	-78.3	137.1	1406.2	0.0247	0.0179	0.0022							
3384	316.7	-270.1	-3144.7	-133.6	280.8	1349.8	0.0247	0.0179	0.0022							
3385	285.4	-244.9	-3012.5	-181.4	413.8	1269.7	0.0247	0.0179	0.0022							
3386	240.6	-217.3	-2851.9	-220.0	528.2	1171.6	0.0247	0.0179	0.0057							
3387	187.9	-183.7	-2664.8	-249.7	623.3	1058.8	0.0247	0.0179	0.0057							
3388	132.5	-144.4	-2450.1	-261.9	694.5	935.6	0.0247	0.0179	0.0057							
3389	69.6	-106.8	-2219.6	-263.5	734.0	810.1	0.0247	0.0179	0.0022							
3390	15.6	-70.1	-1985.0	-251.3	744.3	687.8	0.0247	0.0179	0.0022							
3391	-26.2	-37.5	-1756.0	-228.1	728.7	572.2	0.0247	0.0179	0.0022							
3392	-57.2	-12.2	-1538.9	-200.6	692.3	467.3	0.0247	0.0179	0.0022							
3393	359.9	-252.9	-2862.0	-48.2	103.9	1005.0	0.0352	0.0179	0.0127	10.35	20.36	28.65	0.00	-0.28	-3.57	0.0
3394	340.9	-236.2	-2779.4	-95.9	212.0	967.2	0.0351	0.0180	0.0127	10.21	19.95	28.20	0.00	-0.27	-3.48	0.0
3395	314.9	-211.3	-2675.0	-138.4	314.8	911.5	0.0349	0.0181	0.0127	10.14	19.53	27.87	0.00	-0.27	-3.36	0.0
3396	277.1	-180.9	-2548.8	-173.4	406.1	839.9	0.0347	0.0184	0.0127	9.95	18.77	27.14	0.00	-0.26	-3.22	0.0
3397	236.2	-142.4	-2399.0	-197.1	484.8	756.9	0.0344	0.0187	0.0127	9.80	18.02	26.50	0.00	-0.26	-3.06	0.0
3398	185.3	-103.5	-2229.9	-213.8	544.4	664.9	0.0340	0.0191	0.0127	9.48	16.88	25.34	0.00	-0.25	-2.87	0.0
3399	130.7	-67.3	-2045.4	-215.4	582.3	568.5	0.0335	0.0195	0.0127	8.93	15.33	23.56	0.00	-0.23	-2.65	0.0
3400	83.6	-31.2	-1852.4	-206.3	595.9	474.7	0.0330	0.0200	0.0127	8.39	13.83	21.80	0.00	-0.21	-2.42	0.0
3401	40.2	-2.5	-1658.7	-189.1	590.0	387.4	0.0325	0.0206	0.0127	7.70	12.17	19.69	0.00	-0.18	-2.19	0.0
3402	6.6	20.1	-1469.2	-166.2	564.9	309.0	0.0319	0.0211	0.0127	6.97	10.52	17.50	0.00	-0.16	-1.95	0.0
3403	-51.5	47.9	-655.2	-60.3	343.0	117.2	0.0126	0.0247	0.0244	8.33	4.24	4.29	0.00	-0.04	-0.93	0.0
3404	-47.8	49.6	-753.1	-69.1	368.4	125.0	0.0132	0.0241	0.0244	8.68	4.73	4.67	0.00	-0.05	-1.05	0.0
3405	-42.8	51.0	-862.5	-80.2	398.0	134.9	0.0138	0.0235	0.0244	9.34	5.46	5.26	0.00	-0.07	-1.17	0.0
3406	-118.9	32.5	-818.4	-92.4	509.8	231.7	0.0089	0.0179	0.0140							
3407	-105.9	32.8	-883.6	-101.1	512.0	235.3	0.0089	0.0179	0.0140							
3408	-91.7	33.0	-957.1	-109.9	515.4	238.0	0.0089	0.0179	0.0140							
3409	-176.3	21.6	-1030.0	-119.4	664.6	334.8	0.0089	0.0179	0.0140							
3410	-156.8	21.9	-1054.8	-126.7	645.9	333.8	0.0089	0.0179	0.0140							
3411	-135.7	21.9	-1083.8	-133.6	628.7	329.3	0.0139	0.0233	0.0244	13.37	7.98	7.63	0.00	-0.09	-1.67	0.0
3412	-16.5	35.9	-1294.2	-141.4	528.1	245.3	0.0313	0.0217	0.0127	6.24	8.99	15.38	0.00	-0.13	-1.73	0.0
3413	-75.0	6.8	-1354.8	-173.2	646.2	383.4	0.0247	0.0179	0.0022							
3414	-130.3	-3.4	-1475.6	-191.1	761.2	490.9	0.0247	0.0179	0.0022							
3415	-31.0	45.5	-1135.5	-118.2	486.2	195.5	0.0150	0.0223	0.0127	11.46	7.67	13.48	0.00	-0.11	-1.53	0.0
3416	-83.5	19.8	-1202.8	-148.9	598.5	319.4	0.0089	0.0179	0.0022							
3417	-131.9	8.2	-1316.3	-168.8	707.5	420.6	0.0247	0.0179	0.0022							
3418	-38.0	51.4	-989.1	-97.0	439.7	156.3	0.0143	0.0229	0.0127	10.41	6.51	11.75	0.00	-0.09	-1.34	0.0
3419	-84.9	29.9	-1062.3	-125.9	546.5	263.3	0.0089	0.0179	0.0140							
3420	-127.9	17.3	-1170.0	-147.1	649.3	356.9	0.0143	0.0229	0.0244	13.19	8.25	7.74	0.00	-0.08	-1.76	0.0
3421	-81.6	-22.1	-1963.5	-153.6	969.3	580.0	0.0247	0.0179	0.0022							
3422	-103.4	-23.5	-1697.0	-149.1	902.2	507.7	0.0089	0.0179	0.0140							
3423	-110.8	-20.4	-1461.8	-138.4	812.5	430.8	0.0089	0.0179	0.0140							
3424	-78.1	-31.2	-1864.9	-167.0	902.9	572.9	0.0247	0.0179	0.0022							
3425	-93.5	-28.0	-1655.8	-157.4	844.5	500.1	0.0089	0.0179	0.0140							
3426	-99.7	-22.4	-1468.6	-143.8	772.9	426.3	0.0089	0.0179	0.0140							
3427	-68.8	-38.6	-1782.0	-173.8	828.5	545.1	0.0247	0.0179	0.0022							
3428	-80.6	-31.4	-1625.9	-161.4	783.5	480.5	0.0089	0.0179	0.0140							
3429	-86.9	-23.7	-1483.6	-146.2	729.7	415.7	0.0140	0.0233	0.0244	16.41	9.89	9.41	0.00	-0.16	-2.13	0.0
3430	429.8	111.2	-4140.9	-103.7	348.0	1251.7	0.0247	0.0179	0.0055							
3431	388.3	157.4	-3644.9	-132.4	724.4	998.3	0.0247	0.0179	0.0055							
3432	365.6	181.7	-3128.4	-106.3	653.4	766.8	0.0247	0.0179	0.0055							
3433	322.0	184.6	-2849.7	-118.3	681.5	691.3	0.0247	0.0179	0.0055							
3434	263.9	170.8	-2855.7	-95.3	516.9	504.4	0.0247	0.0179	0.0055							
3435	215.6	87.0	-3166.7	-65.0	504.7	545.2	0.0247	0.0179	0.0057							
3436	141.7	26.0	-3192.3	-95.2	822.9	743.1	0.0247	0.0179	0.0057							
3437	65.2	4.1	-2911.7	-123.2	962.8	745.9	0.0247	0.0179	0.0057							
3438	3.5	-8.6	-2585.8	-141.5	1012.0	705.8	0.0247	0.0179	0.0057							
3439	-46.9	-18.1	-2262.6	-151.1	1009.3	647.3	0.0247	0.0179	0.0022							
3440	403.9	101.6	-3937.8	-95.9	249.1	809.8	0.0247	0.0179	0.0057							
3441	360.4	118.3	-3792.1	-121.8	412.8	748.2	0.0247	0.0179	0.0057							
3442	305.1	131.4	-3594.8	-123.8	561.4	672.7	0.0247	0.0179	0.0057							
3443	252.5	130.9	-3352.4	-111.7	607.0	605.3	0.0247	0.0179	0.0057							
3444	214.3	80.9	-3369.7	-100.6	521.5	751.4	0.0247	0.0179	0.0057							
3445	152.2	23.2	-3288.6	-115.0	788.8	868.2	0.0247	0.0179	0.0057							
3446	103.6	-3.8	-2996.3	-144.0	871.9	840.4	0.0247	0.0179	0.0057							
3447	43.8	-20.3	-2703.7	-162.6	940.0	798.7	0.0247	0.0179	0.0057							
3448	-8.3	-28.7	-2403.4	-172.2	961.0	730.1	0.0247	0.0179	0.0022							
3449	-50.0	-31.9	-2114.7	-172.3	945.2	650.6	0.0247	0.0179	0.0022							
3450	332.6	-18.6	-4055.5	-86.6	195.1	1260.0	0.0247	0.0179	0.0057							
3451	301.6	-8.6	-3916.7	-117.4	366.2	1205.2	0.0247	0.0179	0.0057							
3452	259.7	-3.2	-3735.2	-137.4	503.4	1139.0	0.0247	0.0179	0.0057							
3453	218.8	-6.0	-3534.7	-147.2	608.8	1083.8	0.0247	0.0179	0.0057							
3454	182.1	-18.8	-3282.6	-156.6	717.6	1018.1	0.0247	0.0179	0.0057							
3455	136.9	-37.1	-3021.5	-173.4	779.4	954.8	0.0247	0.0179	0.0057							
3456	86.8	-48.9	-2762.7	-185.9	849.4	890.0	0.0247	0.0179	0.0057							
3457	36.1	-52.8	-2494.5	-193.5	881.6	806.2	0.0247	0.0179	0.0057							
3458	-9.0	-50.4	-2232.6	-192.7	886.8	716.7	0.0247	0.0179	0.0022							
3459	-45.5	-44.9	-1983.9	-185.0	865.4	624.2	0.0247	0.0179	0.0022							
3460	334.6	-158.9	-3615.4	-74.7	157.5	1331.3	0.0247	0.0179	0.0057							
3461	307.8	-146.5	-3503.2	-115.4	309.9	1281.4	0.0247	0.0179	0.0057							
3462	273.0	-132.8	-3356.4	-148.6	445.6	1214.4	0.0247	0.0179	0.0057							
3463	230.6	-122.6	-3178.9	-173.0	561.7	1134.1	0.0247	0.0179	0.0057							
3464	184.3	-114.5	-2981.8	-191.1	653.1	1047.3	0.0247	0.0179	0.0057							
3465	136.8	-104.5	-2766.1	-202.6	725.5	953.9	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3466	87.3	-93.5	-2540.6	-208.7	770.2	856.7	0.0247	0.0179	0.0022							
3467	41.1	-80.5	-2314.9	-207.4	794.3	759.4	0.0247	0.0179	0.0022							
3468	-0.3	-66.5	-2094.6	-199.8	794.4	662.1	0.0247	0.0179	0.0022							
3469	-33.7	-52.4	-1885.0	-186.3	773.6	567.4	0.0247	0.0179	0.0022							
3470	323.8	-250.0	-3268.7	-57.4	125.1	1204.2	0.0247	0.0179	0.0022							
3471	301.5	-234.9	-3173.9	-102.1	255.8	1161.9	0.0247	0.0179	0.0022							
3472	270.2	-214.8	-3054.3	-139.7	373.9	1101.5	0.0247	0.0179	0.0022							
3473	232.7	-190.4	-2912.1	-169.3	476.7	1026.3	0.0247	0.0179	0.0022							
3474	189.9	-164.2	-2749.8	-189.5	561.7	940.7	0.0247	0.0179	0.0022							
3475	142.9	-138.5	-2573.8	-202.0	625.2	849.1	0.0247	0.0179	0.0022							
3476	97.1	-113.0	-2389.0	-205.4	668.2	754.7	0.0247	0.0179	0.0022							
3477	53.4	-88.4	-2200.6	-201.3	689.8	660.8	0.0247	0.0179	0.0022							
3478	14.9	-65.5	-2014.0	-190.6	691.7	570.3	0.0247	0.0179	0.0022							
3479	-15.6	-44.8	-1833.7	-174.5	676.0	484.7	0.0247	0.0179	0.0022							
3480	300.2	-234.2	-3125.8	-38.8	104.2	972.5	0.0352	0.0179	0.0127	8.63	16.98	23.90	0.00	-0.24	-3.73	0.0
3481	282.4	-220.4	-3039.6	-78.7	209.8	939.5	0.0351	0.0180	0.0127	8.47	16.54	23.38	0.00	-0.23	-3.63	0.0
3482	256.7	-200.3	-2934.3	-113.5	306.6	892.0	0.0349	0.0181	0.0127	8.28	15.94	22.76	0.00	-0.23	-3.52	0.0
3483	225.0	-174.8	-2810.7	-141.6	392.8	832.6	0.0347	0.0184	0.0127	8.09	15.25	22.07	0.00	-0.22	-3.38	0.0
3484	187.2	-146.8	-2671.0	-162.5	465.3	763.2	0.0343	0.0187	0.0127	7.83	14.36	21.16	0.00	-0.21	-3.23	0.0
3485	147.1	-117.0	-2517.5	-174.3	521.9	687.4	0.0339	0.0191	0.0127	7.52	13.35	20.09	0.00	-0.20	-3.06	0.0
3486	106.7	-87.3	-2354.2	-178.3	561.4	608.7	0.0335	0.0196	0.0127	7.17	12.25	18.88	0.00	-0.18	-2.87	0.0
3487	67.4	-60.4	-2185.0	-174.5	583.8	530.1	0.0330	0.0201	0.0127	6.73	11.03	17.45	0.00	-0.16	-2.68	0.0
3488	33.2	-36.2	-2014.3	-164.2	589.3	454.9	0.0324	0.0207	0.0127	6.26	9.81	15.95	0.00	-0.15	-2.48	0.0
3489	4.8	-16.3	-1845.8	-149.3	580.3	385.1	0.0318	0.0213	0.0127	5.75	8.61	14.40	0.00	-0.13	-2.28	0.0
3490	-56.4	16.7	-1013.8	-64.4	432.9	164.9	0.0124	0.0249	0.0244	8.89	4.44	4.52	0.00	-0.07	-1.32	0.0
3491	-52.7	17.3	-1129.3	-72.7	453.2	181.9	0.0130	0.0243	0.0244	8.70	4.66	4.63	0.00	-0.07	-1.44	0.0
3492	-48.6	17.5	-1254.2	-82.5	475.1	202.0	0.0136	0.0237	0.0244	8.69	4.99	4.83	0.00	-0.07	-1.57	0.0
3493	-87.1	-2.4	-1116.2	-96.5	573.0	258.3	0.0089	0.0179	0.0140							
3494	-78.3	-2.3	-1203.6	-103.1	570.0	268.1	0.0089	0.0179	0.0140							
3495	-68.6	-2.2	-1298.0	-109.5	568.3	278.5	0.0089	0.0179	0.0140							
3496	-106.2	-14.6	-1267.3	-120.6	700.0	346.6	0.0089	0.0179	0.0140							
3497	-95.4	-15.0	-1316.5	-125.9	678.5	349.3	0.0089	0.0179	0.0140							
3498	-83.0	-15.0	-1370.9	-130.5	658.7	350.1	0.0138	0.0235	0.0244	14.23	8.34	8.02	0.00	-0.13	-1.93	0.0
3499	-16.6	-1.0	-1685.4	-131.8	561.1	325.3	0.0154	0.0219	0.0127	10.62	7.50	12.89	0.00	-0.11	-2.08	0.0
3500	-37.2	-28.2	-1675.6	-156.7	651.0	414.1	0.0247	0.0179	0.0022							
3501	-55.0	-39.6	-1715.7	-170.9	741.6	490.5	0.0247	0.0179	0.0022							
3502	-32.0	9.3	-1534.1	-114.4	535.9	274.7	0.0148	0.0225	0.0127	9.90	6.53	11.54	0.00	-0.09	-1.90	0.0
3503	-51.2	-15.8	-1539.2	-139.5	622.1	357.6	0.0089	0.0179	0.0022							
3504	-66.7	-28.8	-1583.7	-155.9	708.0	431.3	0.0089	0.0179	0.0140							
3505	-41.7	16.4	-1388.9	-97.1	504.9	231.8	0.0142	0.0231	0.0127	9.23	5.68	10.32	0.00	-0.08	-1.73	0.0
3506	-59.8	-5.5	-1409.3	-122.1	587.8	306.6	0.0089	0.0179	0.0140							
3507	-74.2	-19.7	-1459.8	-140.0	669.0	376.5	0.0142	0.0231	0.0244	13.89	8.53	8.06	0.00	-0.13	-2.02	0.0
3508	32.8	-70.2	-1966.1	-145.2	881.7	548.7	0.0247	0.0179	0.0022							
3509	1.7	-69.0	-1766.4	-144.8	846.1	490.7	0.0089	0.0179	0.0140							
3510	-22.4	-63.6	-1585.5	-137.9	790.8	428.9	0.0089	0.0179	0.0140							
3511	16.6	-76.8	-1921.2	-154.3	828.5	546.9	0.0247	0.0179	0.0022							
3512	-6.7	-71.8	-1762.2	-149.3	796.3	488.8	0.0089	0.0179	0.0140							
3513	-25.3	-64.0	-1616.2	-140.2	752.1	430.0	0.0089	0.0179	0.0140							
3514	4.1	-80.3	-1892.3	-157.1	768.4	529.9	0.0247	0.0179	0.0022							
3515	-12.9	-72.4	-1769.6	-149.7	743.7	478.6	0.0089	0.0179	0.0140							
3516	-26.9	-63.1	-1654.5	-139.2	711.3	427.0	0.0139	0.0234	0.0244	17.46	10.33	9.90	0.00	-0.20	-2.27	0.0
3517	425.5	-63.9	-3635.7	-93.0	256.7	900.6	0.0247	0.0179	0.0055							
3518	339.5	-66.2	-3440.8	-128.4	424.5	843.0	0.0247	0.0179	0.0055							
3519	252.6	-81.8	-3222.0	-119.0	528.5	785.7	0.0247	0.0179	0.0055							
3520	200.8	-80.0	-3036.4	-122.3	551.5	719.6	0.0247	0.0179	0.0055							
3521	179.9	-58.7	-2929.7	-105.2	562.2	690.9	0.0247	0.0179	0.0057							
3522	219.1	-45.7	-2857.3	-71.3	616.8	692.6	0.0247	0.0179	0.0057							
3523	226.4	-45.4	-2770.5	-83.1	708.7	689.1	0.0247	0.0179	0.0057							
3524	177.4	-54.7	-2618.9	-108.4	813.4	681.2	0.0247	0.0179	0.0057							
3525	121.8	-63.1	-2409.6	-127.4	873.6	649.1	0.0247	0.0179	0.0057							
3526	73.0	-68.3	-2183.7	-139.7	893.3	602.7	0.0247	0.0179	0.0022							
3527	362.8	-77.9	-3575.2	-83.4	195.1	956.8	0.0247	0.0179	0.0057							
3528	320.6	-54.9	-3428.9	-113.7	355.5	895.5	0.0247	0.0179	0.0057							
3529	267.5	-32.6	-3253.2	-116.8	458.3	827.4	0.0247	0.0179	0.0057							
3530	217.3	-27.9	-3112.0	-100.8	514.0	790.4	0.0247	0.0179	0.0057							
3531	212.9	-21.7	-2978.3	-82.0	585.0	766.4	0.0247	0.0179	0.0057							
3532	216.1	-33.2	-2854.4	-87.5	644.6	762.5	0.0247	0.0179	0.0057							
3533	177.8	-60.6	-2710.6	-111.2	739.2	757.5	0.0247	0.0179	0.0057							
3534	135.3	-73.4	-2520.5	-133.2	803.9	722.7	0.0247	0.0179	0.0057							
3535	89.5	-78.9	-2314.5	-147.8	839.2	670.6	0.0247	0.0179	0.0022							
3536	48.6	-79.5	-2106.5	-154.4	845.5	608.5	0.0247	0.0179	0.0022							
3537	329.4	-60.6	-3509.3	-69.1	158.1	1052.9	0.0247	0.0179	0.0057							
3538	301.0	-49.6	-3400.3	-96.1	299.4	1011.1	0.0247	0.0179	0.0057							
3539	263.9	-39.5	-3265.0	-110.5	417.2	961.1	0.0247	0.0179	0.0057							
3540	230.2	-38.1	-3112.7	-113.3	511.1	912.7	0.0247	0.0179	0.0057							
3541	201.0	-57.1	-2960.2	-113.8	587.2	878.6	0.0247	0.0179	0.0057							
3542	172.5	-78.4	-2795.3	-127.1	663.8	842.4	0.0247	0.0179	0.0057							
3543	139.9	-89.6	-2613.1	-142.2	723.3	792.1	0.0247	0.0179	0.0057							
3544	101.3	-94.5	-2424.0	-155.0	765.2	732.0	0.0247	0.0179	0.0022							
3545	63.1	-93.0	-2233.3	-161.8	785.1	664.0	0.0247	0.0179	0.0022							
3546	28.8	-87.5	-2047.2	-161.9	784.1	592.3	0.0247	0.0179	0.0022							
3547	292.9	-160.0	-3373.0	-56.6	131.3	1126.5	0.0247	0.0179	0.0057							
3548	272.4	-149.4	-3276.9	-88.7	262.6	1088.3	0.0247	0.0179	0.0057							
3549	244.1	-138.3	-3156.2	-112.8	378.4	1037.5	0.0247	0.0179	0.0057							
3550	212.2	-129.9	-3016.2	-129.5	477.1	978.8	0.0247	0.0179	0.0057							
3551	179.9	-124.6	-2859.8	-142.1	559.0	914.4	0.0247	0.0179	0.0057							
3552	146.5	-121.9	-2694.0	-152.2	623.1	847.0	0.0247	0.0179	0.0057							
3553	111.7	-117.9	-2523.9	-160.8	671.6	777.1	0.0247	0.0179	0.0022							
3554	77.0	-110.4	-2351.6	-165.5	702.4	704.1	0.0247	0.0179	0.0022							
3555	43.9	-100.1	-2181.4	-165.4	715.8	629.8	0.0247	0.0179	0.0022							
3556	14.9	-87.9	-2016.0	-160.0	713.0	556.0	0.0247	0.0179	0.0022							
3557	259.2	-222.8	-3230.4	-42.8	110.1	1063.3	0.0247	0.0179	0.0022							
3558	243.0	-211.4	-3144.6	-77.2	225.0	1029.9	0.0247	0.0179	0.0022							
3559	219.4	-196.3	-3039.0	-106.1	329.2	982.8	0.0247	0.0179	0.0022							
3560	190.5	-179.5	-2916.2	-128.5	419.9	925.1	0.0247	0.0179	0.0022							
3561	158.3	-162.3	-2780.2	-144.7	495.4	859.9	0.0247	0.0179	0.0022							
3562	125.1	-145.0	-2634.1	-155.1	555.0	789.9	0.0247	0.0179	0.0022							
3563	91.8	-127.8	-2481.8	-160.4	598.3	717.7	0.0247	0.0179	0.0022							
3564	59.8	-110.6	-2327.2	-161.0	625.9	645.2	0.0247	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3565	30.8	-93.5	-2173.2	-156.8	638.7	574.1	0.0247	0.0179	0.0022							
3566	5.7	-77.0	-2021.8	-148.6	638.1	505.6	0.0247	0.0179	0.0022							
3567	216.8	-220.6	-3203.6	-30.2	95.3	941.5	0.0352	0.0179	0.0127	6.24	12.27	17.27	0.00	-0.17	-3.70	0.0
3568	204.1	-209.7	-3123.1	-61.7	191.6	913.1	0.0351	0.0180	0.0127	6.14	12.00	16.97	0.00	-0.16	-3.61	0.0
3569	184.9	-193.8	-3026.1	-89.2	280.3	872.8	0.0349	0.0182	0.0127	6.02	11.59	16.55	0.00	-0.16	-3.51	0.0
3570	160.4	-174.3	-2914.3	-111.6	359.1	822.7	0.0346	0.0184	0.0127	5.87	11.05	16.01	0.00	-0.15	-3.39	0.0
3571	132.6	-152.5	-2789.9	-127.9	426.1	765.2	0.0343	0.0188	0.0127	5.70	10.44	15.40	0.00	-0.14	-3.25	0.0
3572	103.0	-130.1	-2655.4	-138.2	480.1	702.8	0.0339	0.0192	0.0127	5.51	9.75	14.70	0.00	-0.14	-3.11	0.0
3573	73.5	-108.2	-2513.7	-142.7	520.5	637.9	0.0334	0.0196	0.0127	5.30	9.01	13.93	0.00	-0.13	-2.95	0.0
3574	45.8	-87.3	-2367.5	-142.0	547.6	572.9	0.0329	0.0202	0.0127	5.07	8.27	13.12	0.00	-0.12	-2.79	0.0
3575	20.7	-68.6	-2219.3	-136.8	562.1	509.6	0.0323	0.0207	0.0127	4.83	7.52	12.28	0.00	-0.11	-2.62	0.0
3576	-0.4	-52.1	-2071.0	-127.9	565.3	449.4	0.0317	0.0214	0.0127	4.59	6.81	11.44	0.00	-0.10	-2.46	0.0
3577	-47.3	-10.4	-1258.2	-71.7	496.4	222.7	0.0123	0.0250	0.0244	10.66	5.22	5.35	0.00	-0.10	-1.60	0.0
3578	-49.1	-13.1	-1380.1	-74.8	506.9	245.1	0.0129	0.0244	0.0244	9.53	5.01	5.01	0.00	-0.09	-1.72	0.0
3579	-44.6	-16.5	-1509.9	-81.9	518.7	271.4	0.0135	0.0238	0.0244	8.96	5.06	4.94	0.00	-0.09	-1.84	0.0
3580	-52.5	-36.0	-1324.7	-101.2	613.2	293.5	0.0089	0.0179	0.0140							
3581	-48.1	-36.1	-1424.2	-103.8	602.5	308.9	0.0089	0.0179	0.0140							
3582	-43.3	-37.1	-1529.3	-106.6	591.6	325.2	0.0089	0.0179	0.0140							
3583	-42.1	-53.6	-1435.6	-123.3	712.8	362.1	0.0089	0.0179	0.0140							
3584	-40.3	-53.0	-1501.4	-125.2	685.7	370.0	0.0089	0.0179	0.0140							
3585	-37.0	-52.1	-1571.3	-126.2	661.1	376.8	0.0136	0.0237	0.0244	15.37	8.85	8.57	0.00	-0.18	-2.11	0.0
3586	-17.1	-38.4	-1926.4	-116.7	560.0	396.0	0.0153	0.0220	0.0127	8.87	6.18	10.68	0.00	-0.09	-2.29	0.0
3587	-13.2	-62.8	-1884.9	-138.0	628.9	447.7	0.0089	0.0179	0.0022							
3588	-6.4	-76.4	-1878.5	-151.9	699.5	495.2	0.0089	0.0179	0.0022							
3589	-29.8	-28.3	-1785.6	-104.9	549.3	348.3	0.0147	0.0226	0.0127	8.72	5.67	10.09	0.00	-0.09	-2.14	0.0
3590	-26.4	-51.4	-1762.3	-127.0	615.7	399.3	0.0089	0.0179	0.0022							
3591	-19.8	-66.1	-1767.3	-142.5	682.4	447.4	0.0089	0.0179	0.0140							
3592	-38.4	-20.1	-1645.7	-92.6	533.8	305.5	0.0141	0.0232	0.0127	8.72	5.29	9.65	0.00	-0.09	-1.98	0.0
3593	-36.0	-41.0	-1641.9	-115.1	597.8	354.4	0.0089	0.0179	0.0140							
3594	-30.7	-57.0	-1660.2	-131.7	660.8	401.9	0.0140	0.0232	0.0244	14.54	8.78	8.35	0.00	-0.17	-2.19	0.0
3595	117.5	-121.3	-1957.6	-152.4	805.2	530.7	0.0247	0.0089	0.0022							
3596	96.3	-114.7	-1809.5	-154.3	792.1	485.2	0.0089	0.0089	0.0140							
3597	77.2	-102.9	-1669.0	-151.3	766.8	437.9	0.0089	0.0089	0.0140							
3598	87.3	-122.6	-1952.2	-157.0	762.5	536.4	0.0089	0.0089	0.0140							
3599	71.0	-113.2	-1831.1	-155.4	749.0	491.1	0.0089	0.0089	0.0140							
3600	56.0	-100.1	-1715.0	-150.7	727.9	445.7	0.0089	0.0089	0.0140							
3601	58.2	-119.6	-1961.2	-154.9	713.4	531.2	0.0089	0.0089	0.0140							
3602	46.7	-109.0	-1863.0	-151.5	703.1	490.5	0.0089	0.0089	0.0140							
3603	36.5	-95.6	-1767.2	-145.3	687.9	450.0	0.0137	0.0146	0.0244	19.62	18.38	11.01	0.00	-0.25	-2.38	0.0
3604	327.0	-130.8	-3272.0	-63.9	173.4	836.4	0.0247	0.0089	0.0055							
3605	303.5	-131.4	-3167.1	-78.3	307.3	812.4	0.0247	0.0089	0.0055							
3606	269.8	-128.1	-3039.7	-95.4	411.6	780.1	0.0247	0.0089	0.0055							
3607	240.1	-127.6	-2913.7	-97.6	489.1	751.0	0.0247	0.0089	0.0055							
3608	228.1	-130.2	-2794.1	-100.6	556.6	726.9	0.0247	0.0089	0.0057							
3609	214.8	-127.8	-2676.5	-112.1	619.3	700.4	0.0247	0.0089	0.0057							
3610	205.1	-125.7	-2553.6	-117.2	679.0	674.0	0.0247	0.0089	0.0057							
3611	192.4	-125.2	-2420.0	-125.7	734.0	645.7	0.0247	0.0089	0.0057							
3612	168.7	-125.7	-2272.2	-136.8	778.0	613.2	0.0247	0.0089	0.0057							
3613	142.0	-124.8	-2113.8	-146.4	801.8	574.1	0.0247	0.0089	0.0022							
3614	298.9	-149.0	-3241.9	-63.2	153.8	922.2	0.0247	0.0089	0.0057							
3615	276.8	-146.5	-3141.9	-83.8	282.2	891.6	0.0247	0.0089	0.0057							
3616	247.6	-144.8	-3026.2	-96.9	386.5	856.9	0.0247	0.0089	0.0057							
3617	227.0	-140.4	-2902.5	-105.0	473.3	820.4	0.0247	0.0089	0.0057							
3618	207.0	-140.4	-2780.0	-111.9	544.2	787.1	0.0247	0.0089	0.0057							
3619	190.8	-140.2	-2656.3	-117.7	609.5	754.7	0.0247	0.0089	0.0057							
3620	178.8	-137.3	-2526.5	-126.4	666.6	720.2	0.0247	0.0089	0.0057							
3621	156.9	-136.8	-2388.0	-138.0	716.4	681.4	0.0247	0.0089	0.0057							
3622	132.0	-134.4	-2240.1	-148.1	749.4	635.8	0.0247	0.0089	0.0022							
3623	107.7	-129.6	-2089.3	-154.6	764.4	585.3	0.0247	0.0089	0.0022							
3624	262.1	-176.2	-3211.1	-55.9	131.5	991.1	0.0247	0.0089	0.0057							
3625	246.9	-168.8	-3121.1	-79.7	254.7	959.0	0.0247	0.0089	0.0057							
3626	225.5	-161.5	-3012.4	-96.2	360.6	919.5	0.0247	0.0089	0.0057							
3627	202.8	-157.1	-2894.2	-107.4	449.5	878.4	0.0247	0.0089	0.0057							
3628	183.0	-152.5	-2769.0	-117.2	525.3	835.4	0.0247	0.0089	0.0057							
3629	163.8	-150.0	-2639.3	-125.9	588.9	791.6	0.0247	0.0089	0.0057							
3630	142.2	-149.0	-2504.8	-136.4	642.3	745.5	0.0247	0.0089	0.0057							
3631	119.2	-145.2	-2364.9	-145.8	682.0	694.1	0.0247	0.0089	0.0022							
3632	95.7	-138.6	-2222.8	-152.4	706.4	638.6	0.0247	0.0089	0.0022							
3633	74.1	-129.4	-2081.4	-155.4	715.9	581.0	0.0247	0.0089	0.0022							
3634	224.0	-202.8	-3174.7	-45.7	112.9	1018.7	0.0247	0.0089	0.0057							
3635	212.6	-194.9	-3092.9	-71.6	227.1	988.8	0.0247	0.0089	0.0057							
3636	194.8	-185.9	-2993.6	-92.5	329.2	948.9	0.0247	0.0089	0.0057							
3637	173.9	-177.4	-2880.8	-108.4	417.2	902.2	0.0247	0.0089	0.0057							
3638	151.7	-170.6	-2759.3	-120.8	491.1	851.7	0.0247	0.0089	0.0057							
3639	129.2	-163.9	-2631.1	-131.2	551.8	798.0	0.0247	0.0089	0.0057							
3640	106.6	-155.9	-2498.3	-139.5	598.8	741.2	0.0247	0.0089	0.0022							
3641	84.0	-146.3	-2363.6	-145.3	632.1	682.3	0.0247	0.0089	0.0022							
3642	62.7	-134.8	-2228.9	-148.0	651.9	622.3	0.0247	0.0089	0.0022							
3643	43.8	-121.6	-2095.5	-147.4	659.4	562.7	0.0247	0.0089	0.0022							
3644	180.6	-224.2	-3160.1	-34.0	97.7	989.8	0.0247	0.0089	0.0022							
3645	171.9	-215.7	-3083.4	-60.7	199.3	962.3	0.0247	0.0089	0.0022							
3646	157.1	-204.3	-2991.4	-83.5	291.8	924.0	0.0247	0.0089	0.0022							
3647	138.4	-191.3	-2886.6	-101.7	373.2	877.3	0.0247	0.0089	0.0022							
3648	117.4	-177.7	-2771.7	-115.5	442.3	824.6	0.0247	0.0089	0.0022							
3649	95.5	-163.8	-2649.7	-125.4	498.2	768.2	0.0247	0.0089	0.0022							
3650	73.7	-149.8	-2523.2	-131.8	541.4	709.7	0.0247	0.0089	0.0022							
3651	53.0	-135.4	-2394.2	-134.9	572.0	650.6	0.0247	0.0089	0.0022							
3652	34.1	-120.7	-2264.5	-134.8	591.0	592.1	0.0247	0.0089	0.0022							
3653	17.9	-105.6	-2134.7	-131.8	599.6	535.1	0.0247	0.0089	0.0022							
3654	133.3	-213.6	-3194.4	-23.9	86.1	923.8	0.0352	0.0089	0.0127	3.85	15.15	10.67	0.00	-0.09	-3.60	0.0
3655	126.8	-205.1	-3121.3	-47.9	172.6	899.1	0.0351	0.0090	0.0127	3.88	15.04	10.70	0.00	-0.09	-3.52	0.0
3656	115.1	-192.8	-3034.5	-69.2	252.9	864.6	0.0349	0.0092	0.0127	3.88	14.66	10.64	0.00	-0.09	-3.43	0.0
3657	99.4	-177.9	-2935.7	-86.8	325.0	822.1	0.0346	0.0095	0.0127	3.86	14.10	10.53	0.00	-0.09	-3.33	0.0
3658	81.2	-161.5	-2826.8	-100.3	387.3	773.7	0.0343	0.0098	0.0127	3.85	13.40	10.38	0.00	-0.09	-3.22	0.0
3659	62.0	-144.5	-2709.9	-109.4	439.0	721.2	0.0339	0.0103	0.0127	3.84	12.66	10.23	0.00	-0.09	-3.10	0.0
3660	43.0	-127.6	-2587.1	-114.6	479.7	666.7	0.0334	0.0108	0.0127	3.83	11.89	10.06	0.00	-0.09	-2.97	0.0
3661	25.0	-111.5	-2460.3	-116.1	509.8	611.6	0.0328	0.0113	0.0127	3.83	11.13	9.89	0.00	-0.09	-2.84	0.0
3662	9.0	-96.3	-2330.8	-114.6	530.0	557.4	0.0322	0.0119	0.0127	3.84	10.42	9.74	0.00	-0.09	-2.70	0.0
3663	-4.3	-82.1	-2199.4	-110.6	541.3	505.0	0.0316	0.0125	0.0127	3.87	9.79	9.64	0.00	-0.09	-2.56	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3664	-36.4	-15.4	-1396.0	-83.3	567.5	282.3	0.0121	0.0162	0.0244	14.17	10.58	7.03	0.00	-0.14	-1.83	0.0
3665	-19.3	-25.8	-1521.1	-91.3	561.2	305.8	0.0127	0.0156	0.0244	13.21	10.74	6.87	0.00	-0.14	-1.93	0.0
3666	-26.1	-37.0	-1659.2	-89.9	546.1	336.3	0.0133	0.0150	0.0244	10.57	9.37	5.76	0.00	-0.11	-2.03	0.0
3667	15.3	-51.0	-1445.8	-121.8	676.6	337.6	0.0089	0.0089	0.0140							
3668	8.3	-57.0	-1559.7	-119.1	632.4	356.6	0.0089	0.0089	0.0140							
3669	-2.4	-60.3	-1673.1	-116.0	603.0	376.0	0.0089	0.0089	0.0140							
3670	52.2	-83.0	-1545.4	-141.1	728.2	388.2	0.0089	0.0089	0.0140							
3671	35.3	-81.8	-1622.4	-139.2	689.2	401.3	0.0089	0.0089	0.0140							
3672	20.3	-80.1	-1701.5	-135.3	655.5	412.5	0.0135	0.0149	0.0244	17.92	16.24	9.88	0.00	-0.22	-2.26	0.0
3673	-14.7	-68.9	-2068.0	-105.0	546.0	457.5	0.0152	0.0131	0.0127	8.04	9.30	9.62	0.00	-0.09	-2.42	0.0
3674	5.8	-91.4	-2014.0	-127.2	601.0	486.3	0.0089	0.0089	0.0022							
3675	30.0	-108.6	-1981.3	-144.4	657.5	513.4	0.0089	0.0089	0.0022							
3676	-22.1	-57.6	-1935.6	-99.1	546.7	413.6	0.0146	0.0138	0.0127	8.51	9.01	9.77	0.00	-0.10	-2.29	0.0
3677	-1.5	-79.3	-1901.7	-122.3	599.1	444.5	0.0089	0.0089	0.0022							
3678	22.2	-96.9	-1885.4	-140.2	652.3	474.1	0.0089	0.0089	0.0140							
3679	-26.5	-46.4	-1798.8	-93.0	544.9	372.5	0.0139	0.0144	0.0127	9.25	8.96	10.15	0.00	-0.10	-2.16	0.0
3680	-6.0	-66.7	-1787.3	-117.4	594.8	404.9	0.0089	0.0089	0.0140							
3681	16.1	-86.3	-1789.7	-135.2	644.4	436.2	0.0139	0.0145	0.0244	16.02	15.40	9.11	0.00	-0.21	-2.32	0.0
3682	196.4	-171.2	-1944.0	-171.2	737.0	527.0	0.0089	0.0089	0.0140							
3683	202.6	-158.9	-1837.6	-178.1	733.3	491.6	0.0089	0.0089	0.0140							
3684	217.2	-140.4	-1733.0	-184.3	723.6	455.8	0.0089	0.0089	0.0140							
3685	152.9	-167.0	-1967.3	-173.9	705.2	542.4	0.0089	0.0089	0.0140							
3686	156.6	-152.2	-1876.7	-178.4	700.3	506.3	0.0089	0.0089	0.0140							
3687	164.9	-132.0	-1786.1	-183.5	691.6	470.8	0.0089	0.0089	0.0140							
3688	106.7	-156.5	-2003.7	-167.1	667.6	549.0	0.0089	0.0089	0.0140							
3689	109.0	-141.8	-1925.1	-170.1	664.0	515.2	0.0089	0.0089	0.0140							
3690	115.1	-121.5	-1844.9	-172.2	657.8	482.0	0.0136	0.0148	0.0244	23.38	21.47	12.98	0.00	-0.31	-2.49	0.0
3691	267.3	-204.1	-2977.7	-55.0	144.7	795.7	0.0247	0.0089	0.0038							
3692	261.2	-201.6	-2899.9	-72.1	256.5	775.6	0.0247	0.0089	0.0038							
3693	249.9	-200.4	-2809.6	-85.3	355.1	753.7	0.0247	0.0089	0.0038							
3694	238.6	-198.6	-2711.1	-98.5	440.6	730.3	0.0247	0.0089	0.0038							
3695	227.7	-196.0	-2608.7	-110.2	513.5	705.2	0.0247	0.0089	0.0057							
3696	220.4	-194.4	-2504.0	-119.9	576.9	680.4	0.0247	0.0089	0.0057							
3697	213.3	-192.4	-2396.1	-131.3	631.7	654.5	0.0247	0.0089	0.0057							
3698	206.1	-189.6	-2284.6	-142.4	676.4	626.3	0.0247	0.0089	0.0057							
3699	200.2	-185.6	-2170.6	-153.1	709.5	595.5	0.0247	0.0089	0.0022							
3700	196.2	-179.6	-2055.4	-162.9	729.9	562.0	0.0247	0.0089	0.0022							
3701	231.7	-229.1	-2977.0	-53.2	130.0	885.3	0.0247	0.0089	0.0057							
3702	226.6	-225.3	-2901.8	-72.7	242.4	862.8	0.0247	0.0089	0.0057							
3703	216.7	-220.9	-2812.7	-89.5	342.5	835.4	0.0247	0.0089	0.0057							
3704	204.1	-217.2	-2715.6	-103.6	428.3	805.4	0.0247	0.0089	0.0057							
3705	193.3	-212.9	-2614.0	-115.9	502.1	773.8	0.0247	0.0089	0.0057							
3706	183.6	-208.1	-2509.0	-127.9	565.0	740.1	0.0247	0.0089	0.0057							
3707	173.5	-203.2	-2401.0	-139.2	617.2	704.2	0.0247	0.0089	0.0057							
3708	165.0	-196.7	-2290.8	-149.6	657.5	665.8	0.0247	0.0089	0.0022							
3709	157.5	-188.9	-2179.6	-159.2	685.9	625.1	0.0247	0.0089	0.0022							
3710	153.1	-178.9	-2068.3	-167.4	701.8	582.4	0.0247	0.0089	0.0022							
3711	191.0	-247.4	-2990.5	-48.0	115.8	953.6	0.0247	0.0089	0.0057							
3712	186.9	-242.4	-2917.4	-69.6	225.6	929.0	0.0247	0.0089	0.0057							
3713	177.6	-236.4	-2831.5	-88.2	323.7	897.8	0.0247	0.0089	0.0057							
3714	166.2	-229.6	-2736.4	-103.9	409.2	861.7	0.0247	0.0089	0.0057							
3715	154.0	-222.9	-2635.6	-117.1	481.9	822.4	0.0247	0.0089	0.0057							
3716	142.2	-215.3	-2531.0	-128.9	542.6	780.3	0.0247	0.0089	0.0057							
3717	131.2	-206.4	-2424.0	-139.2	591.1	735.5	0.0247	0.0089	0.0022							
3718	120.9	-196.4	-2315.5	-148.3	627.6	688.7	0.0247	0.0089	0.0022							
3719	112.4	-184.6	-2206.5	-155.9	651.8	640.2	0.0247	0.0089	0.0022							
3720	107.2	-170.7	-2097.6	-162.3	664.6	591.1	0.0247	0.0089	0.0022							
3721	145.7	-255.8	-3024.0	-39.6	102.3	986.8	0.0247	0.0089	0.0022							
3722	143.0	-249.3	-2953.6	-62.0	205.3	961.7	0.0247	0.0089	0.0057							
3723	135.2	-241.1	-2870.9	-81.3	298.7	928.1	0.0247	0.0089	0.0057							
3724	124.5	-231.7	-2778.9	-97.4	380.5	888.1	0.0247	0.0089	0.0057							
3725	112.5	-221.2	-2680.1	-110.8	450.3	843.3	0.0247	0.0089	0.0057							
3726	100.3	-210.2	-2576.8	-121.7	507.7	795.1	0.0247	0.0089	0.0022							
3727	88.5	-198.4	-2470.6	-130.5	553.0	744.6	0.0247	0.0089	0.0022							
3728	77.9	-185.4	-2362.7	-137.5	586.2	692.6	0.0247	0.0089	0.0022							
3729	69.2	-170.9	-2254.1	-142.6	608.1	640.0	0.0247	0.0089	0.0022							
3730	63.3	-154.2	-2144.6	-146.4	619.8	587.9	0.0247	0.0089	0.0022							
3731	98.5	-243.9	-3084.4	-29.3	90.3	975.6	0.0247	0.0089	0.0022							
3732	96.9	-237.1	-3016.4	-50.3	182.5	951.5	0.0247	0.0089	0.0022							
3733	90.8	-227.7	-2936.8	-68.9	267.3	918.4	0.0247	0.0089	0.0022							
3734	81.8	-216.5	-2847.5	-84.4	342.8	877.9	0.0247	0.0089	0.0022							
3735	71.0	-204.2	-2750.6	-96.9	407.7	832.1	0.0247	0.0089	0.0022							
3736	59.6	-191.1	-2648.1	-106.5	461.4	782.6	0.0247	0.0089	0.0022							
3737	48.6	-177.5	-2541.6	-113.6	503.9	730.9	0.0247	0.0089	0.0022							
3738	38.7	-163.4	-2432.3	-118.5	535.6	678.4	0.0247	0.0089	0.0022							
3739	30.6	-148.4	-2321.0	-121.6	557.2	626.1	0.0247	0.0089	0.0022							
3740	24.8	-132.1	-2207.5	-123.1	570.0	575.0	0.0089	0.0089	0.0022							
3741	51.5	-215.6	-3163.4	-19.7	80.1	928.1	0.0352	0.0089	0.0127	1.60	6.28	4.42	0.00	-0.01	-3.49	0.0
3742	51.0	-208.9	-3097.4	-37.4	158.4	905.9	0.0351	0.0090	0.0127	1.82	7.05	5.02	0.00	-0.02	-3.43	0.0
3743	46.7	-199.2	-3020.2	-53.5	232.1	875.3	0.0349	0.0092	0.0127	2.03	7.67	5.57	0.00	-0.03	-3.36	0.0
3744	39.8	-187.5	-2933.2	-67.3	299.1	837.8	0.0346	0.0095	0.0127	2.24	8.14	6.10	0.00	-0.04	-3.28	0.0
3745	31.1	-174.6	-2837.7	-78.3	357.9	795.2	0.0343	0.0099	0.0127	2.44	8.48	6.59	0.00	-0.05	-3.18	0.0
3746	21.7	-161.0	-2735.4	-86.5	407.6	749.0	0.0338	0.0103	0.0127	2.65	8.69	7.05	0.00	-0.06	-3.08	0.0
3747	12.5	-147.5	-2627.7	-92.1	448.2	700.8	0.0333	0.0108	0.0127	2.85	8.79	7.47	0.00	-0.07	-2.98	0.0
3748	4.1	-134.0	-2515.8	-95.4	479.6	651.9	0.0328	0.0114	0.0127	3.06	8.81	7.88	0.00	-0.08	-2.87	0.0
3749	-2.9	-120.7	-2400.1	-96.9	502.8	603.3	0.0322	0.0120	0.0127	3.27	8.79	8.28	0.00	-0.09	-2.75	0.0
3750	-7.8	-107.2	-2280.4	-97.1	518.4	555.9	0.0157	0.0126	0.0127	7.04	8.80	8.72	0.00	-0.09	-2.64	0.0
3751	215.9	81.8	-1420.8	-235.5	768.1	331.7	0.0233	0.0164	0.0244	23.35	33.23	22.25	0.00	-0.40	-2.35	0.0
3752	45.6	2.3	-1584.8	-142.2	586.4	362.3	0.0126	0.0158	0.0244	18.94	15.11	9.75	0.00	-0.16	-2.09	0.0
3753	6.6	-38.0	-1742.6	-109.3	556.4	395.4	0.0132	0.0152	0.0244	12.80	11.14	6.91	0.00	-0.12	-2.16	0.0
3754	248.0	-55.9	-1534.5	-200.2	712.3	384.7	0.0202	0.0089	0.0140							
3755	133.0	-55.8	-1648.8	-180.4	639.8	406.6	0.0089	0.0089	0.0140							
3756	56.4	-66.3	-1765.9	-147.7	599.0	426.9	0.0089	0.0089	0.0140							
3757	234.9	-109.5	-1634.0	-190.2	712.2	420.0	0.0089	0.0089	0.0140							
3758	163.3	-102.4	-1710.4	-185.1	671.8	438.4	0.0089	0.0089	0.0140							
3759	101.0	-96.8	-1790.8	-169.3	637.3	453.1	0.0133	0.0150	0.0244	22.40	19.90	12.22	0.00	-0.28	-2.40	0.0
3760	-10.6	-92.9	-2157.5	-96.7	528.6	512.2	0.0151	0.0132	0.0127	7.78	8.87	9.24	0.00	-0.10	-2.52	0.0
3761	22.1	-115.4	-2098.4	-124.3	576.6	530.6	0.0089	0.0089	0.0022							
3762	61.1	-137.2	-2048.0	-148.9	623.2	544.8	0.0089	0.0089	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3763	-10.8	-78.7	-2029.4	-97.2	536.0	471.1	0.0145	0.0139	0.0127	8.73	9.10	9.94	0.00	-0.10	-2.39	0.0
3764	24.1	-99.8	-1993.1	-126.8	580.5	492.1	0.0089	0.0089	0.0022							
3765	64.4	-121.6	-1963.8	-151.4	623.5	510.1	0.0089	0.0089	0.0022							
3766	-8.1	-61.4	-1891.3	-99.6	542.7	431.6	0.0138	0.0145	0.0127	10.07	9.59	10.96	0.00	-0.11	-2.27	0.0
3767	30.1	-81.3	-1881.6	-132.1	583.5	455.2	0.0089	0.0089	0.0022							
3768	70.9	-106.7	-1876.8	-156.3	622.5	476.3	0.0138	0.0146	0.0244	18.45	17.41	10.39	0.00	-0.24	-2.43	0.0
3769	-1180.9	-619.1	-1583.4	35.4	-1257.7	856.7	0.0331	0.0462	0.0057	8.22	5.88	48.05	0.00	-1.06	-3.14	0.0
3770	-593.3	-327.7	-663.8	-156.5	-567.1	218.0	0.0331	0.0462	0.0022	3.08	2.20	45.61	0.00	-0.59	-1.30	0.0
3771	-277.1	-200.6	-363.5	-205.9	-235.9	48.2	0.0331	0.0462	0.0022	1.90	1.36	28.16	0.00	-0.38	-0.65	0.0
3772	-794.8	-370.6	-846.3	-112.4	-648.7	335.9	0.0331	0.0462	0.0022	1.95	1.40	28.86	0.00	-0.65	-1.56	0.0
3773	-483.2	-236.7	-525.3	-196.6	-406.8	164.7	0.0331	0.0462	0.0022	2.98	2.14	44.19	0.00	-0.53	-1.01	0.0
3774	-264.8	-174.0	-335.2	-227.2	-193.3	17.3	0.0331	0.0462	0.0022	1.92	1.37	28.38	0.00	-0.35	-0.62	0.0
3775	-587.7	-232.1	-582.2	-188.4	-435.5	170.5	0.0331	0.0462	0.0022	2.01	1.44	29.71	0.00	-0.51	-1.09	0.0
3776	-397.4	-177.0	-418.0	-224.9	-260.4	62.4	0.0331	0.0462	0.0022	1.57	1.12	23.27	0.00	-0.40	-0.75	0.0
3777	-256.0	-148.0	-304.3	-241.5	-141.5	-31.7	0.0331	0.0462	0.0022	1.75	1.25	25.87	0.00	-0.30	-0.59	0.0
3778	-1656.6	-1589.2	-8283.8	23.0	665.3	-2992.8	0.0331	0.0462	0.0055				-0.41	-1.64	-9.48	
3779	-2105.1	-1755.2	-10823.7	-124.4	2088.5	-1408.5	0.0331	0.0462	0.0055				-1.17	-2.03	-11.48	
3780	-1884.4	-1786.6	-13057.8	-223.1	199.2	93.6	0.0331	0.0462	0.0055				-1.61	-2.06	-13.06	
3781	-2154.1	-1828.2	-14240.4	-205.2	-670.7	453.9	0.0331	0.0462	0.0055				-1.69	-2.24	-14.29	
3782	-2439.3	-2148.8	-16865.7	-62.4	-1451.2	894.4	0.0331	0.0462	0.0055				-2.02	-2.38	-17.06	
3783	-6293.5	-2651.0	-11572.4	1154.3	-7021.2	900.6	0.0331	0.0462	0.0057				-1.28	-2.66	-16.57	
3784	-3636.7	-2353.3	-5415.9	977.8	-2313.2	1681.2	0.0331	0.0462	0.0057				-1.61	-2.09	-7.71	
3785	-3216.7	-1864.1	-5036.5	787.0	-1458.6	966.5	0.0331	0.0462	0.0057				-1.47	-2.45	-6.19	
3786	-2571.6	-1413.2	-4654.5	372.3	-1175.0	771.7	0.0331	0.0462	0.0057				-1.23	-2.04	-5.37	
3787	-1909.0	-1043.9	-3360.8	163.4	-1466.2	974.4	0.0331	0.0462	0.0057				-0.52	-1.27	-4.51	
3788	-2389.3	-1427.7	-14128.2	-79.6	335.3	588.6	0.0331	0.0462	0.0055				-1.40	-2.38	-14.17	
3789	-2363.7	-1622.3	-14746.1	-168.3	-256.7	720.7	0.0331	0.0462	0.0055				-1.54	-2.40	-14.79	
3790	-2335.8	-1972.8	-16006.4	-159.0	-752.7	1017.3	0.0331	0.0462	0.0055				-1.81	-2.39	-16.12	
3791	-4004.2	-3464.1	-13545.8	1199.1	-3990.9	3153.2	0.0331	0.0462	0.0055				-2.50	-2.60	-15.91	
3792	-3347.1	-4885.7	-11046.1	1867.7	-2157.6	6681.7	0.0331	0.0462	0.0057				-0.53	-2.79	-15.96	
3793	-5014.4	-3455.2	-7896.4	2184.0	-4710.7	3889.9	0.0331	0.0462	0.0057				-0.99	-2.01	-13.36	
3794	-3182.2	-1680.3	-4854.1	703.9	-1440.5	849.5	0.0331	0.0462	0.0057				-1.37	-2.39	-5.96	
3795	-2484.0	-1485.0	-4495.1	371.0	-1161.9	788.2	0.0331	0.0462	0.0057				-1.28	-1.95	-5.23	
3796	-1987.8	-1105.3	-3327.8	202.7	-1433.5	965.3	0.0331	0.0462	0.0057				-0.61	-1.32	-4.49	
3797	-1353.1	-655.7	-1683.0	58.2	-1324.0	835.7	0.0331	0.0462	0.0057	5.68	4.07	33.23	0.00	-1.02	-3.23	0.0
3798	-2572.5	-5122.2	-9910.5	602.9	-229.1	5355.2	0.0331	0.0462	0.0057				-1.51	-2.69	-13.41	
3799	-2697.6	-5322.5	-10385.0	892.2	-499.4	5728.4	0.0331	0.0462	0.0057				-1.41	-2.81	-14.19	
3800	-2865.2	-5539.9	-10969.4	1417.4	-1186.8	6395.8	0.0331	0.0462	0.0057				-1.12	-2.80	-15.45	
3801	-3903.7	-3926.6	-7875.6	1972.7	-3909.3	3966.7	0.0331	0.0462	0.0057				-1.22	-1.94	-12.54	
3802	-2616.9	-2102.2	-4258.4	729.8	-1474.4	1170.0	0.0331	0.0462	0.0057				-1.56	-1.76	-5.66	
3803	-2273.1	-1948.0	-4298.8	635.9	-641.5	1158.8	0.0331	0.0462	0.0057				-1.32	-2.17	-5.03	
3804	-2429.2	-1549.8	-4347.0	475.0	-1141.9	1007.6	0.0331	0.0462	0.0057				-1.21	-1.90	-5.22	
3805	-1998.6	-1130.4	-3866.7	167.2	-959.4	628.6	0.0331	0.0462	0.0057				-0.99	-1.61	-4.40	
3806	-1531.0	-704.9	-2154.5	29.2	-1552.1	355.8	0.0331	0.0462	0.0057				-0.18	-0.76	-3.46	
3807	-896.1	-361.2	-897.7	-100.6	-661.7	309.5	0.0331	0.0462	0.0022	0.12	0.09	1.82	0.00	-0.59	-1.58	0.0
3808	-1626.5	-2285.7	-4039.5	356.4	-88.1	1910.6	0.0331	0.0462	0.0057				-0.96	-1.71	-5.28	
3809	-1732.7	-2294.5	-4102.6	412.6	-215.2	1996.7	0.0331	0.0462	0.0057				-0.94	-1.76	-5.43	
3810	-1870.2	-2198.1	-3996.1	437.1	-540.4	1837.9	0.0331	0.0462	0.0057				-1.04	-1.74	-5.28	
3811	-1913.7	-1937.8	-4050.9	472.6	-540.4	1547.4	0.0331	0.0462	0.0057				-1.08	-1.80	-5.03	
3812	-2085.1	-1574.9	-4058.9	392.3	-732.7	1112.8	0.0331	0.0462	0.0057				-1.13	-1.84	-4.74	
3813	-1899.6	-1256.2	-3768.4	158.6	-590.1	702.9	0.0331	0.0462	0.0057				-1.07	-1.73	-4.12	
3814	-1749.9	-1062.2	-3579.0	61.4	-634.5	580.2	0.0331	0.0462	0.0057				-0.93	-1.57	-3.89	
3815	-1544.8	-780.0	-2614.8	-11.5	-1145.0	714.3	0.0331	0.0462	0.0057				-0.34	-1.12	-3.48	
3816	-1087.9	-445.2	-1254.8	-108.0	-1033.0	515.3	0.0331	0.0462	0.0022	5.41	3.88	80.19	0.00	-0.88	-2.44	0.0
3817	-646.8	-225.8	-631.7	-204.6	-424.6	73.3	0.0331	0.0462	0.0022				-0.02	-0.41	-1.08	
3818	-1145.4	-894.3	-1832.4	179.3	-85.1	1215.4	0.0331	0.0462	0.0057				-0.05	-1.14	-2.69	
3819	-1195.3	-891.5	-1847.8	130.6	-154.0	1214.8	0.0331	0.0462	0.0057				-0.06	-1.17	-2.70	
3820	-1235.2	-880.7	-1888.0	83.5	-201.0	1208.7	0.0331	0.0462	0.0057				-0.07	-1.21	-2.72	
3821	-1314.7	-849.5	-1950.1	36.4	-217.9	1170.9	0.0331	0.0462	0.0057				-0.10	-1.29	-2.72	
3822	-1405.3	-841.5	-2636.4	-78.9	111.3	845.8	0.0331	0.0462	0.0057				-0.50	-1.40	-2.98	
3823	-1503.2	-805.3	-3153.4	-125.3	-329.0	430.1	0.0331	0.0462	0.0057				-0.69	-1.49	-3.28	
3824	-1375.4	-647.0	-2362.1	-131.4	-831.3	550.9	0.0331	0.0462	0.0057				-0.32	-1.15	-2.91	
3825	-1067.4	-385.2	-1184.4	-159.1	-851.8	419.5	0.0331	0.0462	0.0022	2.60	1.86	38.57	0.00	-0.80	-2.09	0.0
3826	-720.9	-202.1	-658.5	-233.3	-360.0	55.5	0.0331	0.0462	0.0022				-0.04	-0.46	-1.07	
3827	-497.6	-144.4	-399.2	-257.4	-228.6	-42.1	0.0331	0.0462	0.0022	0.17	0.12	2.57	0.00	-0.28	-0.77	0.0
3828	-752.7	-111.2	-366.1	57.3	-84.5	-21.6	0.0331	0.0462	0.0022				-0.10	-0.35	-0.77	
3829	-770.0	-114.9	-379.7	-40.3	-64.1	-18.2	0.0331	0.0462	0.0022				-0.11	-0.37	-0.78	
3830	-781.9	-126.1	-407.2	-100.2	-37.6	7.1	0.0331	0.0462	0.0022				-0.11	-0.40	-0.80	
3831	-801.6	-152.0	-489.2	-166.1	66.8	27.9	0.0331	0.0462	0.0022				-0.11	-0.48	-0.86	
3832	-909.4	-305.8	-953.4	-203.1	266.0	316.7	0.0331	0.0462	0.0057				-0.16	-0.67	-1.33	
3833	-1059.6	-433.9	-1329.1	-209.6	-187.5	535.7	0.0331	0.0462	0.0057				-0.11	-1.12	-1.59	
3834	-984.9	-286.5	-936.6	-239.3	-533.3	160.0	0.0331	0.0462	0.0022				-0.07	-0.64	-1.50	
3835	-722.9	-141.8	-478.8	-268.8	-193.5	-115.1	0.0331	0.0462	0.0022				-0.03	-0.37	-0.94	
3836	-544.9	-123.9	-235.5	-269.0	-114.9	-121.3	0.0331	0.0462	0.0022	0.69	0.49	10.15	0.00	-0.22	-0.75	0.0
3837	-398.7	-115.9	-98.5	-265.0	26.1	-154.8	0.0331	0.0462	0.0022	4.11	2.94	60.89	0.00	-0.32	-0.70	0.0
3838	-42.7	-133.7	83.5	-152.8	148.9	-80.6	0.0331	0.0462	0.0022	7.42	5.31	109.95	0.00	-0.33	-0.50	0.0
3839	-71.7	-135.0	90.9	-170.4	148.6	-90.4	0.0331	0.0462	0.0022	7.66	5.48	113.46	0.00	-0.34	-0.53	0.0
3840	-107.5	-134.8	96.1	-189.4	146.5	-101.6	0.0331	0.0462	0.0022	7.85	5.62	116.35	0.00	-0.35	-0.57	0.0
3841	-49.3	-134.3	-99.3	-194.8	85.2	-103.4	0.0331	0.0462	0.0022	5.18	3.71	76.77	0.00	-0.33	-0.47	0.0
3842	-82.8	-132.8	-92.5	-209.0	83.2	-110.4	0.0331	0.0462	0.0022	5.21	3.73	77.16	0.00	-0.33	-0.49	0.0
3843	-122.0	-129.1	-82.9	-221.3	81.5	-115.3	0.0331	0.0462	0.0022	5.19	3.72	76.95	0.00	-0.33	-0.52	0.0
3844	-114.8	-149.8	-223.4	-215.0	-50.2	-68.1	0.0331	0.0462	0.0022	2.53	1.81	37.48	0.00	-0.26	-0.47	0.0
3845	-138.1	-143.3	-216.3	-227.9	-44.1	-79.9	0.0331	0.0462	0.0022	2.70	1.93	39.98	0.00	-0.27	-0.50	0.0
3846	-169.7	-135.5	-203.0	-237.7	-38.4	-87.8	0.0331	0.0462	0.0022	2.75	1.97	40.71	0.00	-0.26	-0.52	0.0
3847	-290.2	-118.6	-6.0	-249.0	77.4	-145.1	0.0331	0.0462	0.0022	5.83	4.18	86.40	0.00	-0.33	-0.66	0.0
3848	-343.0	-119.7	-257.0	-258.6	-84.0	-111.3	0.0331	0.0462	0.0022	1.75	1.26	25.99	0.00	-0.27	-0.63	0.0
3849	-438.4	-154.0	-417.1	-236.5	-221.6	-8.6	0.0331	0.0462	0.0022	0.26	0.18	3.81	0.00	-0.32	-0.72	0.0
3850	-212.7	-125.0	45.6	-230.9	117.8	-131.8	0.0331	0.0462	0.0022	7.04	5.04	104.24	0.00	-0.35	-0.64	0.0
3851	-248.8	-117.7	-172.5	-250.8	18.7	-116.3	0.0331	0.0462	0.0022	3.45	2.47	51.08	0.00	-0.31	-0.57	0.0
3852	-316.4	-138.1	-314.6	-247.9	-134.5	-50.3	0.0331	0.0462	0.0022	1.22	0.87	18.06	0.00	-0.28	-0.61	0.0
3853	-154.8	-132.7	83.4	-211.6	137.2	-111.6	0.0331	0.0462	0.0022	7.61	5.45	112.70	0.00	-0.35	-0.61	0.0
3854	-176.7	-124.9	-106.3	-237.4	60.8	-117.9	0.0331	0.0462	0.0022	4.60	3.29	68.15	0.00	-0.32	-0.55	0.0
3855	-223.9	-134.4	-232.6	-244.1	-63.3	-80.2	0.0331	0.0462	0.0022	2.13	1.53	31.60	0.00	-0.26	-0.54	0.0
3856	-1181.5	-283.8	-2261.4	402.4	-1659.8	740.4	0.0247	0.0357	0.0022							
3857	-1051.2	-213.5	-1554.1	348.9	-1292.9	551.4	0.0247	0.0357	0.0022							
3858	-803.1	-119.0	-1047.5	246.0	-910.8	339.8	0.0247	0.0357	0.0022							
3859	-1068.6	-292.5	-1863.0	395.0	-1432.9	705.1	0.0247	0.0357	0.0022							
3860	-894.2	-180.1	-1343.9	317.1	-1107.6	476.7	0.0247	0.0357	0.0022							
3861	-707.5	-94.0	-973.2	230.6	-831.5	306.2	0.0247	0.0357	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3862	-872.1	-216.6	-1475.5	336.7	-1153.8	546.4	0.0247	0.0357	0.0022							
3863	-743.7	-136.9	-1152.4	275.9	-943.4	397.3	0.0247	0.0357	0.0022							
3864	-605.1	-68.7	-893.8	208.0	-751.5	266.8	0.0303	0.0406	0.0127	0.71	0.53	1.70	0.00	-0.02	-1.61	0.0
3865	-1486.7	-247.1	-8730.3	-246.3	662.7	-333.4	0.0247	0.0357	0.0055							
3866	-994.7	-311.9	-9373.6	-486.4	544.7	-107.2	0.0247	0.0357	0.0055							
3867	-733.2	-382.3	-10041.5	-402.9	287.0	359.4	0.0247	0.0357	0.0055							
3868	-700.4	-326.4	-10367.4	-364.6	-634.4	911.0	0.0247	0.0357	0.0055							
3869	-504.8	-189.6	-9547.1	-203.6	-1573.8	1451.7	0.0247	0.0357	0.0055							
3870	-214.8	-505.7	-8913.5	-189.8	-1749.1	1915.0	0.0247	0.0357	0.0057							
3871	-1519.2	-803.0	-7740.0	295.3	-2793.3	1771.2	0.0247	0.0357	0.0057							
3872	-1460.2	-644.2	-5808.2	413.4	-2516.6	1539.8	0.0247	0.0357	0.0057							
3873	-1325.9	-479.5	-4346.5	401.0	-2303.4	1280.4	0.0247	0.0357	0.0057							
3874	-1216.9	-348.1	-3161.0	382.0	-2007.6	1010.4	0.0247	0.0357	0.0057							
3875	-1013.2	272.4	-9010.1	-171.5	350.6	1049.1	0.0247	0.0357	0.0055							
3876	-851.1	129.5	-9428.0	-287.0	159.0	1353.1	0.0247	0.0357	0.0055							
3877	-566.2	-26.6	-9415.1	-275.5	-635.8	1775.0	0.0247	0.0357	0.0055							
3878	-373.2	-69.4	-9276.5	-483.1	-1011.8	2020.5	0.0247	0.0357	0.0055							
3879	-745.3	-38.4	-8423.9	-127.9	-1999.2	1792.3	0.0247	0.0357	0.0057							
3880	-696.9	-353.0	-7187.0	351.2	-1975.3	1917.9	0.0247	0.0357	0.0057							
3881	-1366.9	-709.5	-5983.3	572.7	-2389.7	1827.1	0.0247	0.0357	0.0057							
3882	-1229.2	-563.1	-4590.3	471.3	-2172.7	1442.4	0.0247	0.0357	0.0057							
3883	-1137.3	-457.6	-3486.7	404.9	-1989.4	1159.1	0.0247	0.0357	0.0057							
3884	-1140.2	-382.7	-2589.3	414.8	-1701.9	913.0	0.0247	0.0357	0.0022							
3885	-689.8	159.3	-7680.5	-156.3	146.3	2424.8	0.0247	0.0357	0.0057							
3886	-559.3	102.5	-7827.3	-154.4	-327.7	2538.4	0.0247	0.0357	0.0057							
3887	-345.5	47.5	-7554.7	36.8	-900.9	2476.4	0.0247	0.0357	0.0057							
3888	-421.3	-495.9	-7209.7	246.8	-1175.2	2621.4	0.0247	0.0357	0.0057							
3889	-1060.6	-1092.5	-6650.8	570.2	-1772.8	2639.5	0.0247	0.0357	0.0057							
3890	-1057.1	-882.6	-5534.2	643.1	-1895.7	2088.5	0.0247	0.0357	0.0057							
3891	-938.8	-602.1	-4529.2	550.0	-1811.7	1597.0	0.0247	0.0357	0.0057							
3892	-925.0	-454.4	-3530.4	482.9	-1865.7	1296.5	0.0247	0.0357	0.0057							
3893	-962.1	-384.9	-2708.8	429.5	-1623.9	1046.9	0.0247	0.0357	0.0057							
3894	-1001.4	-329.0	-2010.8	390.2	-1440.2	757.1	0.0247	0.0357	0.0022							
3895	-513.4	-1059.4	-5109.7	-68.7	-113.3	2847.5	0.0247	0.0357	0.0057							
3896	-469.8	-1116.3	-5174.3	130.5	-383.1	2896.3	0.0247	0.0357	0.0057							
3897	-465.2	-1137.9	-5116.2	322.2	-697.2	2826.8	0.0247	0.0357	0.0057							
3898	-567.8	-967.2	-4784.7	533.6	-1029.0	2471.9	0.0247	0.0357	0.0057							
3899	-602.4	-755.1	-4346.1	553.6	-1136.4	1995.1	0.0247	0.0357	0.0057							
3900	-641.6	-650.7	-3942.4	524.9	-1288.8	1637.8	0.0247	0.0357	0.0057							
3901	-628.1	-480.8	-3327.2	473.7	-1462.7	1359.2	0.0247	0.0357	0.0057							
3902	-661.4	-337.6	-2642.8	424.3	-1443.9	1045.7	0.0247	0.0357	0.0057							
3903	-774.9	-259.0	-2046.8	407.9	-1300.1	754.4	0.0247	0.0357	0.0022							
3904	-763.4	-187.6	-1505.5	331.9	-1114.0	549.9	0.0247	0.0357	0.0022							
3905	-223.7	-867.7	-2761.0	35.9	-125.5	1830.0	0.0247	0.0357	0.0057							
3906	-227.8	-882.1	-2797.1	119.7	-265.6	1838.6	0.0247	0.0357	0.0057							
3907	-250.7	-839.2	-2815.1	226.2	-404.1	1782.3	0.0247	0.0357	0.0057							
3908	-294.0	-725.6	-2877.0	325.4	-509.5	1650.6	0.0247	0.0357	0.0057							
3909	-281.9	-533.9	-2849.4	393.6	-705.2	1479.5	0.0247	0.0357	0.0057							
3910	-230.4	-355.7	-2634.2	388.1	-908.0	1276.1	0.0247	0.0357	0.0057							
3911	-306.9	-272.4	-2310.8	364.9	-1054.2	981.9	0.0247	0.0357	0.0057							
3912	-457.9	-225.6	-1909.3	363.1	-1062.8	729.3	0.0247	0.0357	0.0022							
3913	-525.3	-148.7	-1447.4	324.2	-1005.4	527.9	0.0247	0.0357	0.0022							
3914	-480.4	-63.4	-1056.3	244.9	-833.0	332.3	0.0247	0.0357	0.0022							
3915	39.4	-379.5	-1235.8	29.7	-130.0	848.4	0.0352	0.0358	0.0127	4.52	4.45	12.52	0.00	-0.13	-1.93	0.0
3916	35.0	-379.9	-1271.5	65.6	-178.1	853.5	0.0351	0.0358	0.0127	4.29	4.20	11.86	0.00	-0.11	-1.96	0.0
3917	21.4	-364.7	-1330.2	105.3	-219.7	848.7	0.0349	0.0360	0.0127	3.82	3.71	10.51	0.00	-0.09	-1.99	0.0
3918	3.7	-331.1	-1446.1	141.2	-256.6	842.3	0.0347	0.0362	0.0127	3.50	3.36	9.57	0.00	-0.07	-2.06	0.0
3919	67.8	-221.7	-1534.2	167.4	-388.9	790.0	0.0344	0.0365	0.0127	4.81	4.54	13.03	0.00	-0.03	-2.16	0.0
3920	121.8	-82.1	-1510.7	232.8	-549.9	661.7	0.0341	0.0369	0.0161	8.70	8.04	18.37	0.00	-0.12	-2.24	0.0
3921	0.0	-52.5	-1380.7	271.2	-692.1	516.1	0.0337	0.0373	0.0127	8.98	8.11	23.79	0.00	-0.18	-2.16	0.0
3922	-138.4	-36.7	-1104.2	240.5	-781.3	346.0	0.0332	0.0377	0.0127	9.17	8.06	23.93	0.00	-0.24	-1.95	0.0
3923	-177.7	20.3	-798.3	191.1	-711.0	187.0	0.0327	0.0383	0.0127	9.23	7.88	23.74	0.00	-0.24	-1.62	0.0
3924	-180.3	52.3	-545.3	142.2	-613.4	78.0	0.0321	0.0388	0.0127	9.25	7.65	23.37	0.00	-0.24	-1.32	0.0
3925	-74.8	76.5	5.6	36.1	-182.3	-115.2	0.0129	0.0422	0.0127	18.11	5.55	18.44	0.00	-0.23	-0.46	0.0
3926	-76.0	77.9	-12.0	39.8	-218.5	-122.0	0.0135	0.0416	0.0127	19.04	6.17	20.23	0.00	-0.25	-0.53	0.0
3927	-78.1	80.5	-38.1	43.9	-263.1	-127.9	0.0141	0.0411	0.0127	20.11	6.89	22.28	0.00	-0.27	-0.61	0.0
3928	-292.5	33.7	-374.6	77.0	-371.4	63.0	0.0089	0.0357	0.0022							
3929	-276.7	39.3	-372.8	81.2	-389.0	58.3	0.0089	0.0357	0.0022							
3930	-258.6	44.1	-370.7	85.8	-409.1	53.3	0.0089	0.0357	0.0022							
3931	-535.5	-34.1	-694.3	149.6	-602.3	178.6	0.0089	0.0357	0.0022							
3932	-490.3	-20.9	-673.9	146.8	-587.6	167.9	0.0089	0.0357	0.0022							
3933	-444.9	-8.9	-645.6	143.8	-575.3	157.7	0.0143	0.0409	0.0127	3.08	1.08	3.47	0.00	-0.02	-1.21	0.0
3934	-158.9	70.1	-353.4	99.2	-505.9	-48.3	0.0316	0.0394	0.0127	9.74	7.81	24.20	0.00	-0.29	-1.08	0.0
3935	-416.8	-15.8	-785.0	180.5	-687.9	210.5	0.0247	0.0357	0.0022							
3936	-654.4	-118.4	-1141.3	260.2	-904.7	379.5	0.0247	0.0357	0.0022							
3937	-129.5	75.5	-213.2	70.3	-411.2	-93.2	0.0310	0.0399	0.0127	9.69	7.53	23.65	0.00	-0.28	-0.89	0.0
3938	-347.9	13.5	-598.3	136.8	-570.7	132.7	0.0247	0.0357	0.0022							
3939	-557.8	-64.0	-912.5	209.9	-756.7	274.9	0.0247	0.0357	0.0022							
3940	-96.8	80.0	-101.9	52.4	-328.2	-120.1	0.0147	0.0405	0.0127	20.34	7.36	23.45	0.00	-0.28	-0.73	0.0
3941	-282.2	37.2	-440.9	102.8	-469.5	74.1	0.0247	0.0357	0.0022							
3942	-464.7	-21.2	-719.2	164.4	-628.7	189.6	0.0304	0.0405	0.0127	1.70	1.28	4.07	0.00	-0.03	-1.33	0.0
3943	-666.6	-91.2	-2670.1	328.2	-1683.6	850.6	0.0247	0.0179	0.0022							
3944	-614.0	-39.2	-2105.8	299.9	-1463.1	675.4	0.0247	0.0179	0.0022							
3945	-528.1	10.6	-1640.7	262.0	-1228.5	515.4	0.0089	0.0179	0.0022							
3946	-564.1	-51.1	-2358.3	333.0	-1515.8	783.2	0.0247	0.0179	0.0022							
3947	-529.1	-17.0	-1931.0	301.8	-1345.8	634.9	0.0247	0.0179	0.0022							
3948	-457.6	24.1	-1563.8	260.8	-1160.7	488.7	0.0089	0.0179	0.0022							
3949	-459.4	-30.4	-2066.9	331.5	-1355.8	707.1	0.0247	0.0179	0.0022							
3950	-430.2	4.9	-1758.0	296.3	-1226.2	578.3	0.0247	0.0179	0.0022							
3951	-382.3	37.8	-1490.0	257.8	-1089.3	453.4	0.0301	0.0229	0.0127	9.56	12.56	22.66	0.00	-0.13	-2.56	0.0
3952	-407.6	233.2	-7601.4	-148.0	216.4	737.4	0.0247	0.0179	0.0055							
3953	-277.0	239.2	-7861.6	-220.4	-92.6	812.7	0.0247	0.0179	0.0055							
3954	-63.2	245.3	-8050.8	-276.6	-373.9	946.6	0.0247	0.0179	0.0055							
3955	112.0	177.2	-7998.0	-250.4	-699.7	1068.7	0.0247	0.0179	0.0055							
3956	37.9	17.5	-7700.0	-170.8	-1014.6	1185.3	0.0247	0.0179	0.0055							
3957	-190.5	-10.9	-7029.7	40.9	-1361.0	1226.9	0.0247	0.0179	0.0057							
3958	-135.4	-35.9	-6159.6	104.9	-1569.6	1283.1	0.0247	0.0179	0.0057							
3959	-413.1	-138.0	-5229.0	221.3	-1907.4	1289.7	0.0247	0.0179	0.0057							
3960	-585.0	-162.1	-4242.9	310.8	-1968.1	1187.6	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3961	-672.7	-141.3	-3379.7	349.0	-1867.8	1020.9	0.0247	0.0179	0.0057							
3962	-196.9	257.6	-7130.4	-155.7	160.5	1328.0	0.0247	0.0179	0.0055							
3963	-80.9	217.6	-7265.8	-190.4	-245.5	1392.9	0.0247	0.0179	0.0055							
3964	-3.9	132.9	-7315.9	-159.4	-512.7	1454.7	0.0247	0.0179	0.0055							
3965	37.5	23.5	-7103.9	45.8	-851.1	1490.7	0.0247	0.0179	0.0055							
3966	20.9	-122.3	-6691.6	133.4	-1120.9	1516.6	0.0247	0.0179	0.0057							
3967	-183.3	-183.1	-6073.4	160.6	-1435.7	1505.0	0.0247	0.0179	0.0057							
3968	-213.4	-138.3	-5242.3	261.4	-1658.4	1471.0	0.0247	0.0179	0.0057							
3969	-428.5	-158.7	-4409.3	351.2	-1821.4	1356.4	0.0247	0.0179	0.0057							
3970	-543.8	-136.7	-3602.9	384.3	-1789.4	1169.3	0.0247	0.0179	0.0057							
3971	-573.7	-94.7	-2906.1	364.9	-1679.0	964.2	0.0247	0.0179	0.0022							
3972	-22.1	-57.0	-6005.6	-106.2	68.7	1795.4	0.0247	0.0179	0.0057							
3973	31.3	-108.3	-6049.1	-61.6	-323.0	1837.6	0.0247	0.0179	0.0057							
3974	27.7	-199.3	-6000.6	40.4	-580.5	1866.0	0.0247	0.0179	0.0057							
3975	38.4	-183.0	-5805.9	120.3	-867.8	1817.6	0.0247	0.0179	0.0057							
3976	95.3	-96.1	-5420.7	221.7	-1126.4	1721.0	0.0247	0.0179	0.0057							
3977	-68.8	-161.2	-4909.8	312.9	-1404.8	1641.4	0.0247	0.0179	0.0057							
3978	-235.6	-200.5	-4265.5	390.1	-1583.5	1500.9	0.0247	0.0179	0.0057							
3979	-361.5	-174.9	-3617.7	412.8	-1611.5	1297.2	0.0247	0.0179	0.0057							
3980	-435.0	-124.7	-3013.8	403.7	-1578.6	1075.4	0.0247	0.0179	0.0022							
3981	-449.5	-65.2	-2476.7	369.2	-1470.2	873.0	0.0247	0.0179	0.0022							
3982	125.6	-228.4	-4547.2	-66.3	-94.3	1992.6	0.0247	0.0179	0.0057							
3983	145.9	-245.9	-4583.5	45.3	-323.8	2000.2	0.0247	0.0179	0.0057							
3984	156.2	-258.3	-4534.4	130.6	-559.8	1954.9	0.0247	0.0179	0.0057							
3985	143.7	-306.7	-4417.0	213.9	-788.4	1895.1	0.0247	0.0179	0.0057							
3986	75.5	-328.8	-4191.5	325.4	-1041.3	1791.7	0.0247	0.0179	0.0057							
3987	-7.2	-267.9	-3815.6	399.6	-1239.2	1601.1	0.0247	0.0179	0.0057							
3988	-123.2	-213.1	-3377.0	429.3	-1342.9	1364.2	0.0247	0.0179	0.0057							
3989	-231.0	-160.8	-2927.7	427.4	-1374.5	1136.3	0.0247	0.0179	0.0022							
3990	-281.1	-99.2	-2485.5	387.2	-1348.1	929.8	0.0247	0.0179	0.0022							
3991	-313.6	-41.0	-2081.9	349.5	-1269.1	731.2	0.0247	0.0179	0.0022							
3992	226.7	-416.8	-3217.7	-29.6	-116.3	1730.3	0.0247	0.0179	0.0057							
3993	235.7	-421.5	-3262.4	81.6	-282.3	1733.0	0.0247	0.0179	0.0057							
3994	236.3	-409.3	-3272.8	167.3	-455.9	1689.3	0.0247	0.0179	0.0057							
3995	231.6	-370.8	-3215.1	252.6	-647.6	1592.4	0.0247	0.0179	0.0057							
3996	196.5	-320.5	-3081.3	319.9	-826.0	1449.7	0.0247	0.0179	0.0057							
3997	114.8	-259.7	-2888.1	377.8	-972.3	1272.9	0.0247	0.0179	0.0057							
3998	29.2	-179.3	-2637.9	402.6	-1071.5	1080.5	0.0247	0.0179	0.0022							
3999	-41.9	-98.6	-2341.4	382.4	-1126.6	880.1	0.0247	0.0179	0.0022							
4000	-109.8	-36.3	-2032.3	349.2	-1117.4	691.6	0.0247	0.0179	0.0022							
4001	-162.9	10.7	-1730.7	312.6	-1065.4	526.4	0.0247	0.0179	0.0022							
4002	342.5	-273.2	-2302.3	24.6	-112.1	1038.0	0.0352	0.0179	0.0127	9.92	19.52	27.46	0.00	-0.19	-3.09	0.0
4003	349.7	-271.5	-2350.7	80.6	-214.5	1039.5	0.0351	0.0180	0.0127	10.45	20.41	28.85	0.00	-0.21	-3.16	0.0
4004	353.2	-255.2	-2392.8	140.7	-325.5	1017.5	0.0349	0.0181	0.0127	11.25	21.68	30.92	0.00	-0.24	-3.23	0.0
4005	355.7	-219.3	-2407.5	204.0	-457.3	964.3	0.0347	0.0184	0.0127	12.58	23.78	34.35	0.00	-0.29	-3.29	0.0
4006	323.0	-179.5	-2374.9	268.3	-593.2	874.2	0.0344	0.0187	0.0127	13.56	24.99	36.70	0.00	-0.35	-3.28	0.0
4007	259.2	-136.4	-2285.8	303.8	-714.6	758.6	0.0340	0.0190	0.0127	13.90	24.85	37.23	0.00	-0.38	-3.20	0.0
4008	205.2	-62.9	-2136.0	316.7	-810.5	627.0	0.0336	0.0195	0.0127	14.66	25.30	38.76	0.00	-0.40	-3.07	0.0
4009	133.5	6.2	-1943.8	316.5	-868.6	488.4	0.0331	0.0200	0.0127	14.95	24.80	38.94	0.00	-0.40	-2.89	0.0
4010	51.4	51.7	-1716.3	295.5	-887.3	353.4	0.0326	0.0205	0.0127	14.56	23.16	37.32	0.00	-0.39	-2.65	0.0
4011	-4.9	90.9	-1478.1	261.3	-853.0	232.4	0.0320	0.0210	0.0127	14.02	21.33	35.31	0.00	-0.37	-2.37	0.0
4012	-82.5	154.1	-608.6	111.8	-486.1	-109.0	0.0128	0.0245	0.0127	26.28	13.67	26.38	0.00	-0.31	-1.23	0.0
4013	-74.1	153.0	-689.7	124.4	-527.3	-105.4	0.0133	0.0240	0.0127	26.70	14.85	28.00	0.00	-0.33	-1.35	0.0
4014	-64.7	152.5	-785.3	139.4	-575.6	-98.9	0.0139	0.0234	0.0127	27.36	16.29	29.95	0.00	-0.35	-1.48	0.0
4015	-241.7	109.8	-910.6	158.5	-738.8	184.9	0.0089	0.0179	0.0022							
4016	-212.9	110.4	-948.8	169.4	-748.7	181.1	0.0089	0.0179	0.0022							
4017	-182.4	111.4	-995.6	180.5	-760.2	175.8	0.0089	0.0179	0.0022							
4018	-396.5	61.1	-1251.4	209.8	-981.0	350.2	0.0089	0.0179	0.0022							
4019	-348.2	67.1	-1243.2	214.7	-957.2	339.7	0.0089	0.0179	0.0022							
4020	-299.0	73.1	-1236.0	219.9	-935.7	325.4	0.0141	0.0232	0.0127	19.91	12.12	22.10	0.00	-0.13	-2.17	0.0
4021	-39.0	118.1	-1262.6	225.2	-792.2	138.6	0.0314	0.0216	0.0127	13.40	19.49	33.15	0.00	-0.35	-2.10	0.0
4022	-182.8	51.0	-1479.3	272.8	-986.6	393.4	0.0247	0.0179	0.0022							
4023	-326.8	3.5	-1768.6	310.1	-1172.6	578.2	0.0247	0.0179	0.0022							
4024	-56.3	136.7	-1076.3	191.6	-721.4	68.9	0.0309	0.0222	0.0127	12.80	17.80	31.09	0.00	-0.32	-1.86	0.0
4025	-186.1	80.1	-1281.2	236.5	-903.5	293.6	0.0247	0.0179	0.0022							
4026	-314.8	35.9	-1537.8	273.9	-1076.7	464.5	0.0247	0.0179	0.0022							
4027	-60.4	149.2	-912.1	161.8	-643.7	-72.2	0.0145	0.0228	0.0127	28.06	17.85	32.01	0.00	-0.38	-1.66	0.0
4028	-175.4	103.1	-1103.8	202.2	-814.5	208.5	0.0089	0.0179	0.0022							
4029	-289.1	63.2	-1331.0	239.1	-975.5	364.4	0.0145	0.0228	0.0127	20.55	13.08	23.44	0.00	-0.15	-2.31	0.0
4030	-312.5	-20.7	-2832.2	268.7	-1557.2	835.9	0.0247	0.0179	0.0022							
4031	-331.2	1.1	-2400.8	262.3	-1433.9	697.3	0.0247	0.0179	0.0022							
4032	-314.4	29.5	-2033.7	242.1	-1275.1	554.1	0.0089	0.0179	0.0022							
4033	-271.2	-21.7	-2599.7	287.5	-1439.1	795.7	0.0247	0.0179	0.0022							
4034	-280.3	3.9	-2275.3	271.4	-1336.4	663.2	0.0247	0.0179	0.0022							
4035	-271.0	30.5	-1992.4	249.3	-1213.2	532.4	0.0089	0.0179	0.0022							
4036	-214.4	-15.4	-2393.4	295.4	-1312.1	723.7	0.0247	0.0179	0.0022							
4037	-226.9	8.4	-2165.8	276.7	-1236.8	612.7	0.0247	0.0179	0.0022							
4038	-226.4	32.9	-1962.4	253.9	-1145.7	500.4	0.0142	0.0231	0.0127	24.19	14.85	27.00	0.00	-0.19	-2.99	0.0
4039	-27.6	143.7	-6561.5	-126.1	79.9	1289.6	0.0247	0.0179	0.0055							
4040	27.5	83.2	-6982.2	-171.0	-459.8	1129.4	0.0247	0.0179	0.0055							
4041	75.8	23.5	-7339.9	-130.1	-490.9	983.4	0.0247	0.0179	0.0055							
4042	93.2	-17.6	-7300.3	-109.0	-657.7	994.3	0.0247	0.0179	0.0055							
4043	147.9	-43.0	-6891.6	-47.3	-669.1	856.3	0.0247	0.0179	0.0057							
4044	141.9	-34.5	-5991.9	53.9	-797.0	922.3	0.0247	0.0179	0.0057							
4045	-1.4	-27.5	-5080.1	139.6	-1250.3	1143.9	0.0247	0.0179	0.0057							
4046	-68.0	-29.3	-4460.0	183.6	-1487.1	1146.7	0.0247	0.0179	0.0057							
4047	-167.7	-38.4	-3889.5	226.2	-1611.6	1077.2	0.0247	0.0179	0.0057							
4048	-253.7	-34.9	-3333.5	254.7	-1626.0	968.3	0.0247	0.0179	0.0022							
4049	102.9	102.3	-6157.3	-102.6	68.6	980.0	0.0247	0.0179	0.0057							
4050	146.3	63.6	-6214.3	-96.6	-249.9	998.2	0.0247	0.0179	0.0057							
4051	199.1	15.4	-6181.9	-53.0	-500.4	992.2	0.0247	0.0179	0.0055							
4052	222.4	-30.4	-6072.3	5.4	-676.7	983.6	0.0247	0.0179	0.0055							
4053	208.3	-39.4	-5570.5	96.9	-721.1	1163.3	0.0247	0.0179	0.0057							
4054	151.2	-33.8	-4907.3	185.1	-1111.6	1291.9	0.0247	0.0179	0.0057							
4055	29.5	-56.5	-4465.4	224.5	-1317.9	1256.0	0.0247	0.0179	0.0057							
4056	-58.8	-56.8	-3960.6	258.8	-1457.9	1189.5	0.0247	0.0179	0.0057							
4057	-153.9	-55.2	-3467.9	282.1	-1527.2	1076.1	0.0247	0.0179	0.0022							
4058	-229.6	-42.0	-2997.7	292.8	-1510.7	936.1	0.0247	0.0179	0.0022							
4059	268.1	-51.0	-4864.2	-74.3	-62.1	1521.7	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4060	288.5	-72.3	-4914.2	-31.4	-284.8	1540.7	0.0247	0.0179	0.0057							
4061	313.0	-93.1	-4883.9	45.4	-509.9	1531.2	0.0247	0.0179	0.0057							
4062	303.9	-127.3	-4742.0	123.1	-727.2	1511.4	0.0247	0.0179	0.0057							
4063	228.8	-151.7	-4532.6	197.4	-948.0	1467.2	0.0247	0.0179	0.0057							
4064	159.0	-128.8	-4240.8	249.4	-1112.8	1398.5	0.0247	0.0179	0.0057							
4065	64.8	-108.1	-3865.8	287.3	-1272.0	1300.5	0.0247	0.0179	0.0057							
4066	-31.6	-91.6	-3472.6	312.8	-1368.5	1168.5	0.0247	0.0179	0.0057							
4067	-116.5	-69.7	-3073.4	319.7	-1399.5	1019.7	0.0247	0.0179	0.0022							
4068	-183.5	-44.3	-2695.4	312.3	-1373.8	860.5	0.0247	0.0179	0.0022							
4069	320.2	-217.9	-4038.5	-43.6	-93.8	1637.2	0.0247	0.0179	0.0057							
4070	332.5	-230.6	-4076.2	39.5	-290.8	1645.9	0.0247	0.0179	0.0057							
4071	331.2	-240.6	-4055.4	105.7	-492.4	1623.4	0.0247	0.0179	0.0057							
4072	310.6	-227.4	-3967.1	178.1	-694.9	1560.1	0.0247	0.0179	0.0057							
4073	267.5	-202.6	-3805.5	238.3	-876.4	1463.3	0.0247	0.0179	0.0057							
4074	190.1	-183.8	-3589.7	290.9	-1032.6	1346.4	0.0247	0.0179	0.0057							
4075	102.7	-152.6	-3329.2	324.7	-1149.7	1211.1	0.0247	0.0179	0.0057							
4076	18.8	-113.8	-3034.8	336.5	-1222.5	1059.2	0.0247	0.0179	0.0022							
4077	-61.2	-74.3	-2735.0	334.9	-1243.1	897.7	0.0247	0.0179	0.0022							
4078	-120.0	-35.7	-2445.4	316.0	-1218.7	738.8	0.0247	0.0179	0.0022							
4079	356.5	-300.4	-3315.6	-16.7	-105.3	1435.9	0.0247	0.0179	0.0022							
4080	364.0	-302.5	-3356.4	68.0	-265.4	1436.4	0.0247	0.0179	0.0022							
4081	360.0	-294.1	-3358.7	134.4	-431.6	1405.2	0.0247	0.0179	0.0022							
4082	335.5	-277.7	-3319.0	198.9	-595.2	1344.4	0.0247	0.0179	0.0057							
4083	289.6	-248.3	-3233.4	259.1	-749.4	1252.5	0.0247	0.0179	0.0057							
4084	229.3	-205.0	-3097.4	301.5	-882.2	1133.4	0.0247	0.0179	0.0057							
4085	156.0	-156.0	-2918.5	325.8	-983.8	997.5	0.0247	0.0179	0.0022							
4086	76.5	-105.8	-2713.0	334.9	-1044.9	854.1	0.0247	0.0179	0.0022							
4087	5.9	-56.1	-2493.9	325.6	-1067.7	709.2	0.0247	0.0179	0.0022							
4088	-49.0	-9.0	-2274.3	302.9	-1053.6	569.2	0.0247	0.0179	0.0022							
4089	372.6	-260.3	-2926.6	24.2	-99.3	1024.6	0.0352	0.0179	0.0127	10.68	21.01	29.56	0.00	-0.29	-3.65	0.0
4090	378.2	-257.4	-2972.2	78.9	-220.6	1024.4	0.0351	0.0180	0.0127	11.20	21.88	30.93	0.00	-0.31	-3.72	0.0
4091	374.5	-242.9	-2992.2	135.1	-348.8	1001.8	0.0349	0.0181	0.0127	11.83	22.79	32.51	0.00	-0.33	-3.77	0.0
4092	354.4	-217.4	-2980.3	189.2	-478.2	955.1	0.0347	0.0184	0.0127	12.38	23.38	33.80	0.00	-0.35	-3.78	0.0
4093	320.2	-179.0	-2932.0	234.6	-601.8	886.6	0.0344	0.0187	0.0127	12.88	23.68	34.83	0.00	-0.37	-3.75	0.0
4094	272.1	-130.0	-2845.3	271.5	-713.0	798.0	0.0340	0.0191	0.0127	13.29	23.67	35.53	0.00	-0.38	-3.68	0.0
4095	207.0	-81.7	-2722.8	294.1	-801.3	692.7	0.0335	0.0195	0.0127	13.33	22.90	35.18	0.00	-0.38	-3.56	0.0
4096	140.2	-32.6	-2569.9	298.7	-860.0	579.5	0.0330	0.0200	0.0127	13.19	21.76	34.29	0.00	-0.37	-3.40	0.0
4097	78.7	15.6	-2397.8	288.9	-887.5	466.8	0.0325	0.0206	0.0127	12.92	20.41	33.03	0.00	-0.36	-3.20	0.0
4098	23.1	55.8	-2216.6	268.6	-886.2	360.1	0.0319	0.0211	0.0127	12.44	18.78	31.25	0.00	-0.34	-2.99	0.0
4099	-106.3	141.9	-1332.1	128.6	-652.1	69.0	0.0126	0.0247	0.0127	20.19	10.28	19.99	0.00	-0.18	-1.88	0.0
4100	-95.8	139.6	-1446.1	144.0	-686.1	81.3	0.0132	0.0241	0.0127	20.79	11.34	21.53	0.00	-0.21	-2.02	0.0
4101	-82.5	136.2	-1571.2	161.9	-723.4	98.2	0.0138	0.0235	0.0127	21.56	12.60	23.33	0.00	-0.23	-2.17	0.0
4102	-198.1	96.6	-1494.6	176.0	-878.3	241.1	0.0089	0.0179	0.0022							
4103	-172.5	94.3	-1568.9	188.6	-878.2	243.4	0.0089	0.0179	0.0022							
4104	-145.1	92.1	-1653.1	200.7	-878.5	246.4	0.0089	0.0179	0.0022							
4105	-269.8	59.9	-1732.4	212.8	-1086.1	401.1	0.0089	0.0179	0.0022							
4106	-235.2	59.2	-1755.8	222.0	-1056.2	393.3	0.0089	0.0179	0.0022							
4107	-198.2	59.3	-1785.7	230.1	-1027.3	382.2	0.0139	0.0233	0.0127	22.55	13.47	24.74	0.00	-0.18	-2.69	0.0
4108	-18.9	87.8	-2038.6	242.2	-861.8	268.9	0.0313	0.0217	0.0127	11.90	17.15	29.33	0.00	-0.31	-2.77	0.0
4109	-88.1	27.9	-2082.1	276.4	-1017.6	454.5	0.0247	0.0179	0.0022							
4110	-153.4	-3.4	-2215.3	293.4	-1169.1	609.8	0.0247	0.0179	0.0022							
4111	-49.2	111.6	-1870.4	214.4	-823.4	193.9	0.0150	0.0223	0.0127	23.31	15.61	27.43	0.00	-0.29	-2.56	0.0
4112	-112.9	56.7	-1920.0	249.5	-970.7	363.9	0.0089	0.0179	0.0022							
4113	-171.1	23.6	-2040.8	270.6	-1113.4	510.9	0.0247	0.0179	0.0022							
4114	-68.0	129.3	-1711.8	186.3	-772.4	133.3	0.0144	0.0229	0.0127	22.58	14.13	25.50	0.00	-0.26	-2.36	0.0
4115	-126.5	81.6	-1769.0	221.4	-912.6	283.2	0.0089	0.0179	0.0022							
4116	-179.1	47.7	-1880.0	245.8	-1047.6	419.9	0.0143	0.0229	0.0127	22.91	14.32	25.86	0.00	-0.20	-2.80	0.0
4117	-126.5	-34.0	-2863.9	210.0	-1370.8	766.3	0.0247	0.0179	0.0022							
4118	-175.7	-23.0	-2567.6	213.7	-1304.1	656.1	0.0089	0.0179	0.0022							
4119	-201.0	-5.8	-2312.8	206.0	-1200.4	539.8	0.0089	0.0179	0.0022							
4120	-119.2	-42.5	-2726.4	230.2	-1284.5	738.6	0.0247	0.0179	0.0022							
4121	-156.8	-27.1	-2503.7	226.1	-1226.9	633.2	0.0089	0.0179	0.0022							
4122	-177.6	-7.6	-2309.1	213.9	-1146.0	526.0	0.0089	0.0179	0.0022							
4123	-105.1	-47.0	-2615.7	242.8	-1188.7	686.4	0.0247	0.0179	0.0022							
4124	-134.2	-27.7	-2458.4	233.2	-1145.6	596.7	0.0089	0.0179	0.0022							
4125	-154.3	-7.3	-2318.5	218.9	-1087.5	505.5	0.0140	0.0233	0.0127	21.25	12.82	23.45	0.00	-0.20	-3.17	0.0
4126	455.1	108.4	-4254.9	-59.4	-83.8	1284.1	0.0247	0.0179	0.0055							
4127	460.7	148.2	-3983.5	-22.7	-484.4	1095.8	0.0247	0.0179	0.0055							
4128	476.3	166.5	-3672.2	-34.0	-469.5	920.9	0.0247	0.0179	0.0055							
4129	459.2	162.5	-3565.8	10.6	-578.4	893.6	0.0247	0.0179	0.0055							
4130	409.8	142.4	-3700.0	9.2	-511.7	743.3	0.0247	0.0179	0.0057							
4131	351.8	56.0	-4094.8	6.7	-600.3	806.2	0.0247	0.0179	0.0057							
4132	258.7	-7.2	-4164.3	65.3	-1013.9	1014.6	0.0247	0.0179	0.0057							
4133	143.1	-30.3	-3894.4	122.7	-1238.5	1013.3	0.0247	0.0179	0.0057							
4134	39.7	-39.2	-3551.7	165.5	-1351.9	955.6	0.0247	0.0179	0.0057							
4135	-53.5	-40.4	-3197.5	195.4	-1391.4	868.7	0.0247	0.0179	0.0022							
4136	426.4	96.4	-4039.9	-59.8	-60.7	843.5	0.0247	0.0179	0.0057							
4137	426.2	102.7	-4094.2	-24.7	-244.8	848.4	0.0247	0.0179	0.0057							
4138	405.3	106.0	-4080.3	9.6	-443.3	833.1	0.0247	0.0179	0.0057							
4139	374.4	97.1	-3991.6	18.5	-560.9	813.0	0.0247	0.0179	0.0057							
4140	343.0	40.5	-4121.4	31.9	-559.8	989.2	0.0247	0.0179	0.0057							
4141	270.9	-21.6	-4121.2	72.8	-913.9	1124.6	0.0247	0.0179	0.0057							
4142	201.5	-48.8	-3875.1	131.8	-1078.3	1100.2	0.0247	0.0179	0.0057							
4143	108.3	-62.2	-3600.1	177.0	-1217.6	1048.5	0.0247	0.0179	0.0057							
4144	19.5	-63.0	-3296.5	208.7	-1292.0	958.9	0.0247	0.0179	0.0022							
4145	-59.8	-55.8	-2993.2	225.6	-1311.5	849.4	0.0247	0.0179	0.0022							
4146	352.0	-26.4	-4143.6	-48.1	-73.5	1292.9	0.0247	0.0179	0.0057							
4147	358.0	-31.4	-4177.3	9.7	-262.9	1301.2	0.0247	0.0179	0.0057							
4148	345.8	-39.1	-4154.3	43.7	-441.7	1290.0	0.0247	0.0179	0.0057							
4149	323.0	-51.1	-4090.0	73.9	-606.9	1277.4	0.0247	0.0179	0.0057							
4150	292.4	-68.3	-3946.9	108.2	-786.4	1239.5	0.0247	0.0179	0.0057							
4151	237.8	-89.4	-3765.3	152.2	-921.2	1189.1	0.0247	0.0179	0.0057							
4152	168.9	-98.9	-3558.3	192.4	-1060.7	1123.8	0.0247	0.0179	0.0057							
4153	90.2	-96.5	-3318.0	223.3	-1152.4	1027.5	0.0247	0.0179	0.0022							
4154	12.1	-84.7	-3067.3	241.9	-1203.0	915.7	0.0247	0.0179	0.0022							
4155	-56.0	-66.4	-2819.7	247.5	-1211.6	794.3	0.0247	0.0179	0.0022							
4156	350.4	-167.8	-3690.9	-28.2	-92.3	1359.5	0.0247	0.0179	0.0057							
4157	353.7	-172.2	-3727.8	35.9	-259.1	1364.0	0.0247	0.0179	0.0057							
4158	343.4	-172.2	-3720.8	82.4	-428.0	1344.2	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4159	316.6	-172.1	-3667.1	126.6	-592.1	1300.7	0.0247	0.0179	0.0057							
4160	274.1	-169.6	-3573.8	168.9	-740.5	1237.6	0.0247	0.0179	0.0057							
4161	220.8	-158.7	-3439.7	205.2	-873.4	1154.4	0.0247	0.0179	0.0057							
4162	155.7	-142.4	-3273.1	234.3	-976.5	1055.0	0.0247	0.0179	0.0022							
4163	84.9	-120.8	-3087.1	253.7	-1050.7	944.5	0.0247	0.0179	0.0022							
4164	16.9	-94.5	-2891.5	260.4	-1090.2	826.2	0.0247	0.0179	0.0022							
4165	-43.5	-65.3	-2697.0	256.6	-1096.5	704.8	0.0247	0.0179	0.0022							
4166	336.0	-258.4	-3336.3	-8.1	-97.0	1226.7	0.0247	0.0179	0.0022							
4167	337.2	-259.0	-3375.6	57.2	-239.7	1227.4	0.0247	0.0179	0.0022							
4168	325.3	-251.6	-3383.5	106.8	-384.3	1204.8	0.0247	0.0179	0.0022							
4169	300.4	-235.3	-3357.6	153.8	-525.2	1159.1	0.0247	0.0179	0.0022							
4170	262.2	-211.8	-3297.1	194.2	-656.1	1092.7	0.0247	0.0179	0.0022							
4171	211.3	-183.7	-3205.5	227.0	-769.8	1009.6	0.0247	0.0179	0.0022							
4172	152.0	-151.4	-3087.5	249.9	-861.4	912.9	0.0247	0.0179	0.0022							
4173	90.1	-115.6	-2949.1	260.6	-926.5	807.6	0.0247	0.0179	0.0022							
4174	29.9	-78.7	-2798.6	260.5	-963.8	698.9	0.0247	0.0179	0.0022							
4175	-23.8	-43.0	-2644.0	250.7	-973.9	590.8	0.0247	0.0179	0.0022							
4176	309.6	-240.2	-3191.0	22.5	-91.0	989.6	0.0352	0.0179	0.0127	8.87	17.45	24.55	0.00	-0.25	-3.81	0.0
4177	309.7	-237.4	-3233.8	67.7	-208.2	989.6	0.0351	0.0180	0.0127	9.18	17.93	25.36	0.00	-0.26	-3.87	0.0
4178	299.0	-225.7	-3252.0	112.7	-327.6	971.5	0.0349	0.0181	0.0127	9.47	18.24	26.03	0.00	-0.27	-3.90	0.0
4179	277.2	-205.2	-3243.5	154.7	-445.3	935.3	0.0347	0.0184	0.0127	9.74	18.35	26.56	0.00	-0.28	-3.90	0.0
4180	243.9	-177.1	-3206.8	191.5	-556.6	881.6	0.0343	0.0187	0.0127	9.92	18.20	26.80	0.00	-0.29	-3.88	0.0
4181	200.4	-143.2	-3142.1	219.4	-655.3	812.3	0.0339	0.0191	0.0127	9.98	17.73	26.67	0.00	-0.29	-3.82	0.0
4182	151.2	-104.7	-3052.0	237.0	-736.8	731.9	0.0335	0.0196	0.0127	9.95	17.02	26.21	0.00	-0.28	-3.72	0.0
4183	98.2	-65.4	-2940.9	244.1	-798.1	644.3	0.0330	0.0201	0.0127	9.77	16.04	25.35	0.00	-0.27	-3.61	0.0
4184	46.1	-28.0	-2813.9	240.9	-836.9	553.9	0.0324	0.0207	0.0127	9.46	14.85	24.13	0.00	-0.25	-3.46	0.0
4185	-0.4	6.6	-2677.6	228.7	-853.1	465.0	0.0318	0.0212	0.0127	9.06	13.56	22.68	0.00	-0.24	-3.30	0.0
4186	-129.1	87.8	-1905.4	115.2	-732.9	158.8	0.0124	0.0249	0.0127	14.13	7.06	13.81	0.00	-0.11	-2.36	0.0
4187	-119.2	86.0	-2021.9	129.7	-757.0	182.7	0.0130	0.0243	0.0127	14.64	7.84	14.98	0.00	-0.13	-2.50	0.0
4188	-106.2	82.3	-2144.5	146.2	-780.7	211.8	0.0136	0.0237	0.0127	15.24	8.76	16.31	0.00	-0.15	-2.64	0.0
4189	-176.9	47.6	-1974.4	157.2	-904.3	286.8	0.0089	0.0179	0.0022							
4190	-156.7	45.8	-2062.2	168.0	-899.0	299.0	0.0089	0.0179	0.0022							
4191	-134.8	43.8	-2156.8	178.1	-893.2	313.4	0.0089	0.0179	0.0022							
4192	-202.7	16.6	-2113.2	186.9	-1062.4	414.0	0.0089	0.0179	0.0022							
4193	-179.4	15.4	-2159.6	195.0	-1032.4	414.0	0.0089	0.0179	0.0022							
4194	-153.4	15.1	-2212.4	201.7	-1003.2	412.9	0.0138	0.0235	0.0127	18.88	11.08	20.48	0.00	-0.17	-2.96	0.0
4195	-38.3	35.0	-2539.8	210.9	-851.3	385.4	0.0154	0.0219	0.0127	17.41	12.29	21.14	0.00	-0.21	-3.13	0.0
4196	-64.2	-12.6	-2503.6	234.8	-964.1	498.4	0.0247	0.0179	0.0022							
4197	-86.7	-39.1	-2537.3	245.6	-1078.2	603.3	0.0247	0.0179	0.0022							
4198	-68.1	57.4	-2404.3	190.3	-836.5	315.4	0.0148	0.0225	0.0127	16.80	11.09	19.60	0.00	-0.19	-2.97	0.0
4199	-93.7	12.2	-2380.2	216.2	-942.8	422.2	0.0089	0.0179	0.0022							
4200	-114.0	-16.3	-2412.8	231.1	-1049.2	523.2	0.0089	0.0179	0.0022							
4201	-89.5	74.7	-2271.6	167.5	-809.6	254.9	0.0142	0.0231	0.0127	16.11	9.92	18.01	0.00	-0.17	-2.80	0.0
4202	-114.5	34.4	-2262.2	195.0	-910.4	352.5	0.0089	0.0179	0.0022							
4203	-133.9	4.6	-2296.8	213.3	-1010.3	448.4	0.0142	0.0231	0.0127	19.08	11.73	21.31	0.00	-0.18	-3.05	0.0
4204	-61.0	-80.5	-2852.2	164.9	-1191.9	698.4	0.0247	0.0179	0.0022							
4205	-116.8	-71.6	-2662.6	168.9	-1159.4	612.9	0.0089	0.0179	0.0022							
4206	-154.7	-57.5	-2501.7	163.4	-1094.8	522.7	0.0089	0.0179	0.0022							
4207	-69.6	-87.2	-2790.1	179.2	-1127.3	683.2	0.0247	0.0179	0.0022							
4208	-112.3	-73.9	-2648.0	177.3	-1098.6	601.9	0.0089	0.0179	0.0022							
4209	-142.9	-57.6	-2524.9	168.7	-1049.8	519.3	0.0089	0.0179	0.0022							
4210	-73.1	-88.2	-2751.6	187.8	-1055.0	651.4	0.0247	0.0179	0.0022							
4211	-105.8	-72.7	-2649.6	181.7	-1035.1	582.3	0.0089	0.0179	0.0022							
4212	-131.6	-55.7	-2558.5	171.7	-1002.3	512.1	0.0139	0.0234	0.0127	16.54	9.80	18.06	0.00	-0.19	-3.25	0.0
4213	440.8	-66.6	-3725.1	-40.1	-81.0	924.9	0.0247	0.0179	0.0055							
4214	383.7	-74.4	-3704.7	26.0	-262.5	915.3	0.0247	0.0179	0.0055							
4215	319.5	-94.6	-3647.1	23.0	-403.4	901.6	0.0247	0.0179	0.0055							
4216	280.4	-97.7	-3600.8	37.3	-481.9	872.2	0.0247	0.0179	0.0055							
4217	260.3	-80.2	-3607.1	35.2	-560.0	871.1	0.0247	0.0179	0.0057							
4218	287.7	-69.7	-3619.3	18.0	-687.2	891.2	0.0247	0.0179	0.0057							
4219	271.2	-71.2	-3590.7	48.2	-850.0	896.1	0.0247	0.0179	0.0057							
4220	191.5	-79.7	-3473.9	91.5	-1018.2	886.5	0.0247	0.0179	0.0057							
4221	98.9	-85.3	-3282.2	126.6	-1129.9	843.1	0.0247	0.0179	0.0057							
4222	12.4	-85.6	-3064.1	151.2	-1185.1	777.5	0.0247	0.0179	0.0022							
4223	376.3	-82.3	-3656.9	-39.9	-70.3	982.0	0.0247	0.0179	0.0057							
4224	359.8	-68.1	-3671.1	19.4	-242.0	970.1	0.0247	0.0179	0.0057							
4225	326.7	-53.3	-3644.4	30.0	-377.5	946.0	0.0247	0.0179	0.0057							
4226	286.8	-54.4	-3632.1	26.2	-483.0	944.3	0.0247	0.0179	0.0057							
4227	281.3	-52.2	-3604.4	23.1	-613.3	945.9	0.0247	0.0179	0.0057							
4228	272.9	-65.8	-3562.4	45.9	-736.0	956.7	0.0247	0.0179	0.0057							
4229	213.3	-93.6	-3478.6	87.4	-892.3	956.6	0.0247	0.0179	0.0057							
4230	142.7	-104.1	-3329.4	126.9	-1011.9	917.0	0.0247	0.0179	0.0057							
4231	64.0	-104.7	-3149.8	156.0	-1091.6	851.1	0.0247	0.0179	0.0022							
4232	-9.9	-98.1	-2960.0	173.2	-1128.6	768.4	0.0247	0.0179	0.0022							
4233	340.8	-66.4	-3582.8	-34.4	-78.7	1076.9	0.0247	0.0179	0.0057							
4234	333.9	-66.7	-3618.8	17.8	-229.1	1082.0	0.0247	0.0179	0.0057							
4235	313.4	-66.3	-3619.5	39.5	-374.5	1073.5	0.0247	0.0179	0.0057							
4236	288.0	-72.1	-3588.0	54.5	-510.6	1057.9	0.0247	0.0179	0.0057							
4237	257.1	-95.4	-3537.5	70.0	-637.5	1046.4	0.0247	0.0179	0.0057							
4238	218.4	-117.6	-3455.3	99.7	-768.8	1022.6	0.0247	0.0179	0.0057							
4239	166.9	-127.1	-3337.2	132.3	-881.5	974.7	0.0247	0.0179	0.0057							
4240	103.3	-127.7	-3196.1	161.1	-971.1	908.0	0.0247	0.0179	0.0022							
4241	37.0	-119.0	-3041.1	180.1	-1029.6	825.7	0.0247	0.0179	0.0022							
4242	-25.8	-104.5	-2883.5	188.7	-1056.2	734.1	0.0247	0.0179	0.0022							
4243	301.9	-166.6	-3439.8	-20.0	-86.8	1147.7	0.0247	0.0179	0.0057							
4244	298.5	-168.5	-3475.9	31.9	-226.0	1150.4	0.0247	0.0179	0.0057							
4245	283.1	-167.8	-3480.8	62.5	-364.8	1136.0	0.0247	0.0179	0.0057							
4246	257.7	-166.6	-3455.4	90.3	-498.4	1106.4	0.0247	0.0179	0.0057							
4247	224.4	-164.8	-3399.5	117.0	-623.4	1062.2	0.0247	0.0179	0.0057							
4248	181.9	-162.1	-3318.5	143.1	-734.3	1005.6	0.0247	0.0179	0.0057							
4249	131.0	-154.8	-3217.6	167.3	-828.7	937.3	0.0247	0.0179	0.0022							
4250	75.4	-140.9	-3100.9	184.9	-901.3	857.8	0.0247	0.0179	0.0022							
4251	18.3	-121.8	-2975.3	194.5	-949.4	770.6	0.0247	0.0179	0.0022							
4252	-34.9	-99.5	-2847.3	195.2	-972.2	679.0	0.0247	0.0179	0.0022							
4253	265.9	-228.9	-3293.3	9.5	-87.7	1081.0	0.0247	0.0179	0.0022							
4254	262.5	-228.9	-3332.4	45.0	-210.5	1081.9	0.0247	0.0179	0.0022							
4255	248.5	-223.2	-3346.4	80.1	-334.4	1065.7	0.0247	0.0179	0.0022							
4256	224.4	-212.8	-3334.9	113.0	-454.7	1033.1	0.0247	0.0179	0.0022							
4257	191.0	-198.3	-3299.1	142.1	-566.7	985.7	0.0247	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4258	150.4	-179.9	-3240.7	165.9	-666.2	925.4	0.0247	0.0179	0.0022							
4259	104.4	-158.0	-3163.0	183.4	-749.7	855.1	0.0247	0.0179	0.0022							
4260	55.1	-133.3	-3070.7	193.9	-814.6	777.6	0.0247	0.0179	0.0022							
4261	6.4	-106.8	-2968.6	196.5	-859.2	695.7	0.0247	0.0179	0.0022							
4262	-38.6	-79.8	-2861.3	191.6	-883.6	612.3	0.0247	0.0179	0.0022							
4263	221.6	-225.4	-3265.4	19.0	-82.2	956.7	0.0352	0.0179	0.0127	6.36	12.50	17.59	0.00	-0.17	-3.77	0.0
4264	217.8	-223.5	-3307.3	53.9	-187.8	957.6	0.0351	0.0180	0.0127	6.49	12.68	17.92	0.00	-0.18	-3.82	0.0
4265	205.2	-214.8	-3328.3	88.1	-294.9	943.9	0.0349	0.0181	0.0127	6.59	12.68	18.11	0.00	-0.18	-3.85	0.0
4266	183.9	-199.6	-3327.5	119.7	-399.8	915.7	0.0347	0.0184	0.0127	6.64	12.51	18.12	0.00	-0.18	-3.85	0.0
4267	154.8	-178.9	-3305.1	146.5	-498.5	874.1	0.0343	0.0187	0.0127	6.64	12.16	17.94	0.00	-0.18	-3.83	0.0
4268	119.6	-154.0	-3262.0	167.2	-587.5	821.0	0.0339	0.0192	0.0127	6.58	11.65	17.56	0.00	-0.18	-3.79	0.0
4269	80.0	-126.5	-3200.1	180.8	-663.7	758.7	0.0334	0.0196	0.0127	6.44	10.97	16.95	0.00	-0.17	-3.72	0.0
4270	38.8	-97.8	-3122.1	186.9	-724.7	690.1	0.0329	0.0202	0.0127	6.23	10.17	16.14	0.00	-0.16	-3.64	0.0
4271	-1.7	-69.4	-3031.4	185.7	-769.5	618.1	0.0323	0.0207	0.0127	5.95	9.27	15.13	0.00	-0.14	-3.53	0.0
4272	-39.2	-42.9	-2931.9	178.0	-797.7	545.5	0.0317	0.0213	0.0127	5.58	8.30	13.93	0.00	-0.13	-3.42	0.0
4273	-149.4	20.0	-2298.5	89.7	-767.3	247.0	0.0123	0.0250	0.0127	8.02	3.93	7.74	0.00	-0.05	-2.67	0.0
4274	-141.5	19.9	-2403.3	101.9	-781.4	278.0	0.0129	0.0244	0.0127	8.25	4.34	8.34	0.00	-0.06	-2.79	0.0
4275	-130.6	17.5	-2511.2	115.6	-792.6	313.7	0.0135	0.0238	0.0127	8.60	4.86	9.11	0.00	-0.07	-2.91	0.0
4276	-172.0	-12.5	-2314.3	123.9	-888.6	334.8	0.0089	0.0179	0.0022							
4277	-157.0	-12.5	-2400.6	132.1	-880.0	355.4	0.0089	0.0179	0.0022							
4278	-140.7	-13.1	-2490.7	140.0	-869.9	378.2	0.0089	0.0179	0.0022							
4279	-175.1	-38.4	-2383.7	148.2	-1000.6	427.4	0.0089	0.0179	0.0022							
4280	-159.8	-38.0	-2440.3	153.9	-973.3	436.1	0.0089	0.0179	0.0022							
4281	-142.1	-37.0	-2501.4	158.5	-946.4	444.8	0.0136	0.0236	0.0127	13.98	8.06	15.00	0.00	-0.15	-3.10	0.0
4282	-70.6	-20.4	-2828.2	165.5	-811.2	478.2	0.0153	0.0220	0.0127	10.55	7.36	12.72	0.00	-0.11	-3.29	0.0
4283	-74.5	-56.4	-2760.7	181.6	-891.2	539.2	0.0089	0.0179	0.0022							
4284	-75.2	-78.9	-2739.8	189.4	-973.5	601.0	0.0089	0.0179	0.0022							
4285	-96.1	-2.4	-2723.3	150.4	-813.3	415.9	0.0147	0.0226	0.0127	9.96	6.48	11.52	0.00	-0.10	-3.17	0.0
4286	-101.8	-37.2	-2669.2	168.7	-887.7	476.4	0.0089	0.0179	0.0022							
4287	-103.0	-61.0	-2653.7	179.7	-963.5	538.0	0.0089	0.0179	0.0022							
4288	-115.5	11.5	-2617.6	132.8	-804.8	359.4	0.0141	0.0232	0.0127	9.29	5.63	10.29	0.00	-0.08	-3.04	0.0
4289	-122.6	-19.8	-2579.8	153.1	-874.4	417.5	0.0089	0.0179	0.0022							
4290	-125.1	-44.7	-2572.6	166.8	-944.5	478.1	0.0141	0.0232	0.0127	14.02	8.48	15.51	0.00	-0.15	-3.18	0.0
4291	-66.7	-136.6	-2819.4	130.7	-1053.8	656.5	0.0247	0.0089	0.0022							
4292	-115.3	-126.9	-2710.0	130.5	-1042.6	591.0	0.0089	0.0089	0.0022							
4293	-150.9	-113.6	-2620.3	123.0	-1005.2	522.2	0.0089	0.0089	0.0022							
4294	-78.4	-138.0	-2812.6	137.4	-1004.7	654.4	0.0089	0.0089	0.0022							
4295	-115.9	-125.6	-2730.1	133.8	-994.7	591.8	0.0089	0.0089	0.0022							
4296	-144.3	-111.1	-2660.2	125.1	-967.8	528.3	0.0089	0.0089	0.0022							
4297	-86.9	-134.1	-2824.1	140.0	-949.7	640.9	0.0089	0.0089	0.0022							
4298	-115.1	-120.9	-2762.2	134.2	-944.4	586.8	0.0089	0.0089	0.0022							
4299	-138.4	-106.6	-2707.0	125.5	-928.6	532.1	0.0137	0.0146	0.0127	12.59	11.82	13.60	0.00	-0.19	-3.28	0.0
4300	333.0	-133.2	-3343.7	-45.4	-52.6	854.9	0.0247	0.0089	0.0055							
4301	319.8	-138.6	-3379.6	-27.3	-193.5	867.8	0.0247	0.0089	0.0055							
4302	291.9	-140.1	-3383.9	21.3	-322.5	869.3	0.0247	0.0089	0.0055							
4303	260.7	-143.6	-3375.6	29.0	-439.2	868.8	0.0247	0.0089	0.0055							
4304	238.3	-149.3	-3356.5	39.7	-555.8	867.2	0.0247	0.0089	0.0057							
4305	205.7	-149.5	-3321.1	60.4	-673.0	856.2	0.0247	0.0089	0.0057							
4306	168.4	-148.5	-3262.7	75.1	-787.8	837.5	0.0247	0.0089	0.0057							
4307	121.3	-147.9	-3178.4	92.5	-893.4	809.4	0.0247	0.0089	0.0057							
4308	59.3	-147.0	-3068.7	110.5	-979.6	770.0	0.0247	0.0089	0.0022							
4309	-6.6	-143.5	-2943.0	124.2	-1034.0	717.8	0.0247	0.0089	0.0022							
4310	303.8	-152.5	-3309.4	-37.4	-67.4	941.5	0.0247	0.0089	0.0057							
4311	290.4	-157.1	-3342.5	14.2	-200.8	948.7	0.0247	0.0089	0.0057							
4312	265.8	-161.6	-3352.1	29.7	-326.9	948.0	0.0247	0.0089	0.0057							
4313	242.8	-162.3	-3341.1	43.5	-448.8	939.8	0.0247	0.0089	0.0057							
4314	212.5	-165.9	-3316.1	58.1	-564.0	927.5	0.0247	0.0089	0.0057							
4315	178.0	-167.8	-3274.2	72.7	-678.0	908.6	0.0247	0.0089	0.0057							
4316	140.9	-165.2	-3211.2	90.4	-784.1	879.8	0.0247	0.0089	0.0057							
4317	88.3	-163.3	-3126.8	110.0	-878.9	839.1	0.0247	0.0089	0.0022							
4318	29.7	-158.0	-3023.5	126.1	-949.5	785.0	0.0247	0.0089	0.0022							
4319	-28.8	-149.2	-2912.5	135.4	-992.0	720.4	0.0247	0.0089	0.0022							
4320	265.8	-180.8	-3274.3	-28.4	-74.8	1009.7	0.0247	0.0089	0.0057							
4321	257.1	-182.0	-3309.4	21.8	-201.8	1013.9	0.0247	0.0089	0.0057							
4322	238.7	-182.1	-3319.8	40.4	-326.5	1007.0	0.0247	0.0089	0.0057							
4323	213.3	-183.3	-3310.5	56.8	-446.1	992.5	0.0247	0.0089	0.0057							
4324	184.0	-182.2	-3281.7	73.7	-561.0	969.1	0.0247	0.0089	0.0057							
4325	148.6	-181.1	-3235.1	90.2	-667.8	937.1	0.0247	0.0089	0.0057							
4326	105.1	-179.4	-3170.9	109.2	-764.6	895.4	0.0247	0.0089	0.0022							
4327	55.6	-172.9	-3090.4	126.0	-844.5	841.3	0.0247	0.0089	0.0022							
4328	3.2	-162.1	-2999.2	137.5	-902.9	777.0	0.0247	0.0089	0.0022							
4329	-47.3	-148.1	-2904.3	142.1	-938.0	705.6	0.0247	0.0089	0.0022							
4330	226.4	-207.6	-3234.5	-16.8	-78.5	1035.6	0.0247	0.0089	0.0057							
4331	219.2	-209.0	-3271.7	28.8	-196.6	1038.6	0.0247	0.0089	0.0057							
4332	202.9	-207.8	-3286.7	51.1	-315.1	1028.3	0.0247	0.0089	0.0057							
4333	179.1	-205.0	-3280.3	71.5	-429.9	1006.2	0.0247	0.0089	0.0057							
4334	148.5	-201.4	-3255.1	90.0	-537.9	973.8	0.0247	0.0089	0.0057							
4335	112.3	-195.2	-3212.3	108.4	-636.7	931.2	0.0247	0.0089	0.0022							
4336	71.2	-185.5	-3153.9	124.8	-722.3	878.4	0.0247	0.0089	0.0022							
4337	26.4	-172.3	-3083.7	136.9	-791.8	817.1	0.0247	0.0089	0.0022							
4338	-18.8	-156.0	-3005.9	143.0	-843.1	749.2	0.0247	0.0089	0.0022							
4339	-61.7	-137.7	-2924.6	142.9	-875.1	677.2	0.0247	0.0089	0.0022							
4340	181.9	-228.8	-3218.1	9.9	-77.1	1004.9	0.0247	0.0089	0.0022							
4341	175.2	-228.9	-3256.9	34.6	-184.0	1006.5	0.0247	0.0089	0.0022							
4342	160.5	-224.7	-3276.5	59.1	-291.9	994.8	0.0247	0.0089	0.0022							
4343	138.6	-216.9	-3277.1	82.2	-397.2	970.5	0.0247	0.0089	0.0022							
4344	110.4	-205.8	-3259.4	102.8	-496.3	934.7	0.0247	0.0089	0.0022							
4345	77.1	-192.0	-3225.3	119.9	-585.9	889.0	0.0247	0.0089	0.0022							
4346	40.1	-175.6	-3177.1	132.5	-663.6	834.9	0.0247	0.0089	0.0022							
4347	1.5	-157.2	-3117.5	139.8	-727.3	774.4	0.0247	0.0089	0.0022							
4348	-36.8	-137.4	-3049.5	141.6	-775.8	709.5	0.0247	0.0089	0.0022							
4349	-72.5	-117.3	-2976.1	137.9	-808.6	642.5	0.0247	0.0089	0.0022							
4350	133.6	-217.6	-3251.7	14.6	-71.9	937.7	0.0352	0.0158	0.0127	3.85	8.58	10.66	0.00	-0.09	-3.66	0.0
4351	127.3	-216.5	-3292.6	40.0	-166.4	939.7	0.0351	0.0159	0.0127	3.87	8.55	10.68	0.00	-0.09	-3.70	0.0
4352	114.3	-210.5	-3316.5	65.0	-262.4	929.7	0.0349	0.0092	0.0127	3.86	14.60	10.59	0.00	-0.09	-3.73	0.0
4353	95.1	-199.9	-3323.2	87.8	-356.6	908.1	0.0346	0.0095	0.0127	3.82	13.94	10.41	0.00	-0.09	-3.74	0.0
4354	70.6	-185.3	-3313.1	107.0	-445.9	875.8	0.0343	0.0098	0.0127	3.76	13.09	10.13	0.00	-0.09	-3.73	0.0
4355	42.0	-167.7	-3287.1	121.6	-527.7	834.1	0.0339	0.0103	0.0127	3.67	12.11	9.78	0.00	-0.08	-3.70	0.0
4356	10.9	-148.0	-3246.6	131.2	-599.7	784.7	0.0334	0.0107	0.0127	3.56	11.05	9.34	0.00	-0.08	-3.66	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4357	-21.1	-127.4	-3193.5	135.3	-660.4	729.5	0.0328	0.0113	0.0127	3.42	9.94	8.83	0.00	-0.08	-3.60	0.0
4358	-52.4	-107.2	-3129.8	134.3	-708.7	670.6	0.0322	0.0119	0.0127	3.26	8.84	8.26	0.00	-0.07	-3.53	0.0
4359	-81.5	-88.2	-3058.0	128.4	-744.2	610.0	0.0316	0.0125	0.0127	3.08	7.80	7.68	0.00	-0.07	-3.45	0.0
4360	-167.8	-49.5	-2551.2	61.0	-781.1	324.2	0.0121	0.0162	0.0127	6.46	4.83	6.16	0.00	-0.10	-2.90	0.0
4361	-162.2	-47.3	-2640.6	70.4	-786.1	359.5	0.0127	0.0156	0.0127	6.23	5.07	6.23	0.00	-0.09	-2.99	0.0
4362	-154.0	-47.3	-2731.4	81.1	-786.9	398.6	0.0133	0.0150	0.0127	5.97	5.29	6.26	0.00	-0.08	-3.09	0.0
4363	-177.7	-74.6	-2538.7	87.5	-865.2	384.2	0.0089	0.0089	0.0022							
4364	-166.9	-72.4	-2617.2	93.2	-853.4	410.8	0.0089	0.0089	0.0022							
4365	-155.3	-70.9	-2697.4	98.9	-839.6	439.1	0.0089	0.0089	0.0022							
4366	-173.4	-96.3	-2562.0	108.3	-943.0	451.0	0.0089	0.0089	0.0022							
4367	-162.9	-93.8	-2621.1	111.5	-918.0	466.9	0.0089	0.0089	0.0022							
4368	-150.7	-90.8	-2682.8	114.1	-892.6	483.0	0.0135	0.0149	0.0127	10.48	9.51	11.12	0.00	-0.16	-3.19	0.0
4369	-106.1	-72.1	-2980.9	119.1	-767.8	552.2	0.0152	0.0131	0.0127	6.01	6.96	7.19	0.00	-0.07	-3.36	0.0
4370	-101.3	-100.2	-2904.8	130.4	-826.9	582.3	0.0089	0.0089	0.0022							
4371	-94.8	-121.3	-2854.3	138.0	-888.2	615.2	0.0089	0.0089	0.0022							
4372	-126.3	-59.6	-2900.8	107.7	-781.6	496.7	0.0146	0.0138	0.0127	5.90	6.25	6.77	0.00	-0.07	-3.27	0.0
4373	-123.5	-86.5	-2837.6	120.7	-835.1	528.9	0.0089	0.0089	0.0022							
4374	-118.2	-107.6	-2796.6	130.3	-890.3	564.2	0.0089	0.0089	0.0022							
4375	-141.9	-50.3	-2818.1	94.4	-786.4	444.6	0.0140	0.0144	0.0127	5.88	5.70	6.45	0.00	-0.07	-3.18	0.0
4376	-141.0	-74.4	-2770.5	108.9	-834.9	477.9	0.0089	0.0089	0.0022							
4377	-137.4	-95.6	-2741.4	120.2	-884.8	514.8	0.0139	0.0144	0.0127	10.32	9.95	11.30	0.00	-0.16	-3.25	0.0
4378	-108.4	-196.6	-2772.6	107.4	-961.9	643.2	0.0089	0.0089	0.0022							
4379	-146.6	-186.3	-2723.4	101.6	-965.9	593.6	0.0089	0.0089	0.0022							
4380	-173.9	-173.5	-2689.0	90.1	-948.3	541.2	0.0089	0.0089	0.0022							
4381	-118.1	-193.9	-2806.6	106.6	-924.8	654.9	0.0089	0.0089	0.0022							
4382	-147.1	-181.8	-2769.3	99.4	-927.7	605.9	0.0089	0.0089	0.0022							
4383	-168.6	-168.4	-2740.7	88.6	-916.3	555.7	0.0089	0.0089	0.0022							
4384	-125.3	-185.4	-2855.1	102.5	-882.1	657.5	0.0089	0.0089	0.0022							
4385	-146.7	-173.8	-2823.9	95.1	-886.9	613.1	0.0089	0.0089	0.0022							
4386	-164.0	-161.3	-2796.6	85.8	-882.5	568.0	0.0136	0.0148	0.0127	10.24	9.43	10.95	0.00	-0.23	-3.31	0.0
4387	264.8	-206.4	-3036.7	-37.1	-51.8	810.4	0.0247	0.0089	0.0038							
4388	252.4	-208.6	-3075.0	-17.8	-167.2	819.8	0.0247	0.0089	0.0038							
4389	231.4	-211.7	-3094.9	27.5	-283.5	825.1	0.0247	0.0089	0.0038							
4390	204.9	-214.0	-3097.5	41.7	-398.6	825.3	0.0247	0.0089	0.0038							
4391	172.0	-214.8	-3085.2	55.6	-510.3	819.2	0.0247	0.0089	0.0057							
4392	135.6	-215.8	-3058.5	68.0	-618.2	808.1	0.0247	0.0089	0.0057							
4393	92.5	-215.8	-3017.4	81.7	-719.5	790.5	0.0247	0.0089	0.0057							
4394	43.6	-214.2	-2963.3	93.7	-809.0	764.9	0.0247	0.0089	0.0057							
4395	-8.4	-210.6	-2900.1	102.9	-881.9	731.2	0.0247	0.0089	0.0022							
4396	-60.9	-204.8	-2833.6	107.9	-934.1	690.1	0.0247	0.0089	0.0022							
4397	228.8	-232.2	-3034.0	-32.3	-60.5	900.8	0.0247	0.0089	0.0057							
4398	217.0	-234.6	-3071.6	20.4	-174.7	909.0	0.0247	0.0089	0.0057							
4399	197.4	-235.8	-3090.3	35.8	-290.4	909.6	0.0247	0.0089	0.0057							
4400	170.2	-236.9	-3092.8	50.4	-403.3	903.4	0.0247	0.0089	0.0057							
4401	138.9	-236.2	-3081.0	64.4	-512.7	890.4	0.0247	0.0089	0.0057							
4402	102.6	-233.8	-3055.3	78.3	-616.6	869.6	0.0247	0.0089	0.0057							
4403	60.1	-230.2	-3016.9	90.8	-711.4	840.6	0.0247	0.0089	0.0057							
4404	14.7	-224.0	-2968.2	101.0	-792.8	803.4	0.0247	0.0089	0.0022							
4405	-33.0	-215.8	-2912.9	107.8	-857.8	758.5	0.0247	0.0089	0.0022							
4406	-79.3	-205.4	-2855.5	109.8	-902.8	706.9	0.0247	0.0089	0.0022							
4407	187.7	-251.1	-3045.7	-24.7	-66.5	968.9	0.0247	0.0089	0.0057							
4408	176.5	-253.2	-3082.4	25.2	-177.3	974.5	0.0247	0.0089	0.0057							
4409	157.7	-253.6	-3102.0	41.8	-289.2	970.8	0.0247	0.0089	0.0057							
4410	132.8	-251.8	-3105.7	57.5	-399.2	957.9	0.0247	0.0089	0.0057							
4411	102.3	-248.7	-3095.3	71.6	-504.4	936.5	0.0247	0.0089	0.0057							
4412	67.2	-243.2	-3072.3	84.4	-602.3	906.6	0.0247	0.0089	0.0057							
4413	28.4	-235.0	-3038.2	95.3	-689.7	868.1	0.0247	0.0089	0.0022							
4414	-13.2	-224.7	-2995.5	103.7	-763.8	821.8	0.0247	0.0089	0.0022							
4415	-55.1	-212.2	-2947.1	108.0	-821.8	768.7	0.0247	0.0089	0.0022							
4416	-94.7	-198.3	-2896.8	107.4	-862.0	710.4	0.0247	0.0089	0.0022							
4417	142.2	-259.6	-3078.0	-15.9	-68.1	1001.4	0.0247	0.0089	0.0022							
4418	132.0	-260.4	-3115.3	27.5	-172.9	1004.6	0.0247	0.0089	0.0057							
4419	115.0	-258.6	-3136.8	44.5	-279.1	997.1	0.0247	0.0089	0.0057							
4420	92.1	-254.2	-3143.5	60.0	-383.3	979.3	0.0247	0.0089	0.0057							
4421	64.3	-247.2	-3136.3	73.6	-482.5	951.8	0.0247	0.0089	0.0057							
4422	32.4	-237.9	-3116.9	85.3	-573.5	915.4	0.0247	0.0089	0.0022							
4423	-2.4	-226.4	-3087.2	95.3	-654.1	871.0	0.0247	0.0089	0.0022							
4424	-38.4	-212.9	-3049.2	101.7	-721.8	819.6	0.0247	0.0089	0.0022							
4425	-73.9	-197.9	-3005.3	103.6	-775.0	762.7	0.0247	0.0089	0.0022							
4426	-106.8	-182.1	-2958.2	100.7	-812.8	702.1	0.0247	0.0089	0.0022							
4427	94.8	-247.5	-3137.9	9.7	-65.5	989.2	0.0247	0.0089	0.0022							
4428	85.6	-247.5	-3176.4	26.7	-161.9	991.6	0.0247	0.0089	0.0022							
4429	70.7	-244.2	-3200.4	43.4	-259.9	982.9	0.0247	0.0089	0.0022							
4430	50.6	-237.8	-3210.1	58.9	-356.2	963.6	0.0247	0.0089	0.0022							
4431	26.3	-228.6	-3206.4	72.9	-447.7	934.5	0.0247	0.0089	0.0022							
4432	-1.2	-217.0	-3190.4	84.4	-531.8	896.6	0.0247	0.0089	0.0022							
4433	-30.7	-203.5	-3163.6	92.4	-606.3	851.2	0.0247	0.0089	0.0022							
4434	-60.7	-188.8	-3127.7	96.2	-669.4	799.9	0.0247	0.0089	0.0022							
4435	-89.8	-173.6	-3084.6	95.9	-720.3	744.2	0.0247	0.0089	0.0022							
4436	-116.5	-158.6	-3036.2	91.5	-758.3	685.8	0.0089	0.0089	0.0022							
4437	47.7	-219.0	-3216.4	10.2	-60.2	941.1	0.0352	0.0089	0.0127	1.63	6.42	4.52	0.00	-0.01	-3.55	0.0
4438	39.5	-218.7	-3256.0	27.4	-146.7	944.0	0.0351	0.0090	0.0127	1.78	6.90	4.91	0.00	-0.03	-3.59	0.0
4439	26.7	-214.7	-3281.9	44.4	-234.8	936.8	0.0349	0.0092	0.0127	1.91	7.22	5.24	0.00	-0.04	-3.63	0.0
4440	9.8	-207.4	-3294.2	59.9	-321.8	919.7	0.0346	0.0095	0.0127	2.03	7.41	5.54	0.00	-0.06	-3.65	0.0
4441	-10.4	-197.3	-3293.3	72.6	-404.9	893.3	0.0343	0.0099	0.0127	2.15	7.48	5.81	0.00	-0.07	-3.65	0.0
4442	-33.1	-184.9	-3279.7	82.1	-482.0	858.8	0.0338	0.0103	0.0127	2.27	7.46	6.04	0.00	-0.08	-3.65	0.0
4443	-57.0	-171.2	-3254.6	87.7	-551.4	817.3	0.0333	0.0108	0.0127	2.38	7.34	6.23	0.00	-0.09	-3.63	0.0
4444	-81.1	-157.0	-3219.1	89.4	-611.6	770.3	0.0328	0.0114	0.0127	2.47	7.14	6.38	0.00	-0.11	-3.59	0.0
4445	-104.2	-143.2	-3174.4	87.4	-662.0	719.3	0.0322	0.0120	0.0127	2.56	6.88	6.47	0.00	-0.12	-3.55	0.0
4446	-125.2	-130.6	-3122.0	82.0	-701.9	665.8	0.0158	0.0126	0.0127	5.25	6.57	6.51	0.00	-0.13	-3.50	0.0
4447	-183.5	-116.4	-2712.6	31.6	-786.0	387.4	0.0120	0.0164	0.0127	6.66	4.88	6.28	0.00	-0.18	-3.07	0.0
4448	-180.2	-111.5	-2787.9	38.0	-782.9	425.9	0.0126	0.0158	0.0127	6.43	5.13	6.36	0.00	-0.18	-3.15	0.0
4449	-175.3	-108.5	-2864.0	45.5	-775.5	467.0	0.0132	0.0151	0.0127	6.13	5.34	6.37	0.00	-0.17	-3.22	0.0
4450	-191.6	-137.6	-2688.1	53.1	-852.2	435.2	0.0089	0.0089	0.0022							
4451	-183.9	-133.0	-2757.9	56.3	-836.6	466.1	0.0089	0.0089	0.0022							
4452	-176.0	-129.0	-2828.1	59.8	-818.6	497.8	0.0089	0.0089	0.0022							
4453	-189.7	-156.9	-2677.5	73.2	-908.6	486.8	0.0089	0.0089	0.0022							
4454	-181.7	-152.2	-2736.7	73.7	-884.2	508.4	0.0089	0.0089	0.0022							
4455	-172.6	-147.0	-2797.0	74.1	-858.8	529.8	0.0134	0.0150	0.0127	8.96	7.98	9.42	0.00	-0.21	-3.27	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4456	-142.8	-120.3	-3063.7	74.4	-731.7	613.7	0.0151	0.0132	0.0127	5.50	6.28	6.54	0.00	-0.14	-3.44	0.0
4457	-137.7	-146.3	-2986.7	84.6	-783.3	632.5	0.0089	0.0089	0.0022							
4458	-131.7	-168.5	-2916.0	94.9	-833.5	649.3	0.0089	0.0089	0.0022							
4459	-156.9	-112.9	-3001.4	65.4	-752.8	562.4	0.0145	0.0139	0.0127	5.70	5.95	6.49	0.00	-0.15	-3.37	0.0
4460	-153.7	-137.1	-2938.0	76.6	-798.9	584.0	0.0089	0.0089	0.0022							
4461	-149.0	-157.9	-2879.9	87.4	-843.4	605.0	0.0089	0.0089	0.0022							
4462	-167.4	-108.2	-2935.2	55.3	-766.2	512.8	0.0138	0.0145	0.0127	5.92	5.64	6.44	0.00	-0.16	-3.30	0.0
4463	-166.0	-129.3	-2887.9	67.2	-807.0	536.7	0.0089	0.0089	0.0022							
4464	-163.0	-149.1	-2844.8	78.4	-846.5	561.2	0.0138	0.0146	0.0127	8.69	8.23	9.43	0.00	-0.20	-3.31	0.0
4465	37.5	-136.0	59.4	71.6	111.3	65.4	0.0331	0.0462	0.0022	5.71	4.09	84.60	0.00	-0.25	-0.35	0.0
4466	79.2	-136.6	-77.1	117.9	88.3	64.6	0.0331	0.0462	0.0022	5.33	3.82	79.00	0.00	-0.29	-0.37	0.0
4467	40.9	-150.4	-141.0	155.1	-16.2	52.0	0.0331	0.0462	0.0022	3.87	2.77	57.27	0.00	-0.25	-0.39	0.0
4468	-132.6	-198.5	-223.0	182.3	-175.3	27.5	0.0331	0.0462	0.0022	2.22	1.59	32.85	0.00	-0.26	-0.52	0.0
4469	-546.9	-313.1	-437.0	192.6	-504.8	-35.9	0.0331	0.0462	0.0022	2.40	1.72	35.56	0.00	-0.44	-1.10	0.0
4470	-1506.0	-658.8	-1671.2	157.4	-1492.4	-282.9	0.0331	0.0462	0.0057	1.29	0.92	7.53	0.00	-0.83	-3.13	0.0
4471	-2611.8	-1094.8	-3552.6	119.4	-1314.4	-382.4	0.0331	0.0462	0.0057				-0.94	-1.82	-4.50	
4472	-4052.3	-1311.5	-3848.3	-189.1	-1842.5	-334.0	0.0331	0.0462	0.0057				-1.27	-2.12	-5.83	
4473	-7420.4	-2574.6	-9713.8	-450.0	-7155.3	-818.8	0.0331	0.0462	0.0057				-1.29	-2.54	-15.88	
4474	-2044.3	-2442.9	-15232.8	301.9	-1367.0	-251.7	0.0331	0.0462	0.0055				-1.75	-2.59	-15.38	
4475	-2176.9	-2392.0	-11354.9	122.7	1325.3	2277.4	0.0331	0.0462	0.0055				-1.50	-2.36	-12.06	
4476	-1890.0	-2533.4	-8576.5	-106.2	371.0	4538.0	0.0331	0.0462	0.0055				-0.10	-1.88	-11.02	
4477	-1756.1	-2644.4	-8256.9	-202.0	269.5	4968.9	0.0331	0.0462	0.0055	7.76	5.55	47.06	0.00	-2.00	-11.43	0.0
4478	-1649.5	-2679.8	-7976.2	-220.0	253.6	5004.3	0.0331	0.0462	0.0055	10.14	7.26	61.51	0.00	-1.97	-11.34	0.0
4479	-1574.9	-2640.4	-7705.5	-219.6	268.3	4900.0	0.0331	0.0462	0.0055	10.40	7.44	63.08	0.00	-1.91	-11.05	0.0
4480	-1514.6	-2555.0	-7422.1	-194.9	290.9	4736.5	0.0331	0.0462	0.0055	10.17	7.28	61.72	0.00	-1.84	-10.66	0.0
4481	42.3	-132.2	58.9	63.6	111.2	61.1	0.0331	0.0462	0.0022	5.63	4.03	83.44	0.00	-0.25	-0.34	0.0
4482	88.2	-135.1	-76.6	106.2	89.7	58.4	0.0331	0.0462	0.0022	5.28	3.78	78.17	0.00	-0.29	-0.36	0.0
4483	54.1	-150.3	-137.9	141.4	-12.9	46.5	0.0331	0.0462	0.0022	3.83	2.74	56.74	0.00	-0.24	-0.37	0.0
4484	-114.3	-199.8	-217.9	167.0	-172.4	30.3	0.0331	0.0462	0.0022	2.15	1.54	31.90	0.00	-0.25	-0.50	0.0
4485	-522.5	-315.4	-417.2	175.5	-489.7	-33.7	0.0331	0.0462	0.0022	2.30	1.64	34.03	0.00	-0.43	-1.06	0.0
4486	-1486.7	-660.4	-1644.7	162.5	-1493.7	-32.5	0.0331	0.0462	0.0057				-0.04	-0.69	-3.06	
4487	-2608.0	-1099.3	-3546.9	150.5	-1311.6	159.5	0.0331	0.0462	0.0057				-1.08	-1.69	-4.48	
4488	-4058.5	-1319.4	-3833.9	-145.1	-1833.3	-60.7	0.0331	0.0462	0.0057				-1.31	-2.11	-5.79	
4489	-7447.0	-2612.6	-9786.2	-355.4	-7193.8	-680.0	0.0331	0.0462	0.0057				-1.31	-2.59	-15.95	
4490	-1931.8	-2579.7	-15607.5	278.1	-1292.4	-217.6	0.0331	0.0462	0.0055				-1.71	-2.68	-15.73	
4491	-2231.2	-1973.2	-9782.8	-58.6	3207.5	1043.1	0.0331	0.0462	0.0055				-0.95	-1.96	-11.07	
4492	-1172.3	-1198.2	-3823.4	-38.7	714.4	1936.7	0.0331	0.0462	0.0055				-0.08	-1.15	-4.96	
4493	-797.8	-1239.5	-3222.3	-122.6	223.1	2462.3	0.0331	0.0462	0.0055	12.81	9.17	77.73	0.00	-1.21	-5.32	0.0
4494	-650.7	-1245.3	-2982.0	-143.8	119.3	2569.0	0.0331	0.0462	0.0055	18.13	12.98	109.99	0.00	-1.24	-5.43	0.0
4495	-587.1	-1231.6	-2850.7	-136.8	110.0	2545.7	0.0331	0.0462	0.0055	19.10	13.67	115.86	0.00	-1.21	-5.35	0.0
4496	-550.6	-1197.9	-2738.1	-114.0	125.4	2467.6	0.0331	0.0462	0.0055	18.65	13.35	113.16	0.00	-1.16	-5.18	0.0
4497	-59.7	55.7	73.0	33.9	-36.8	134.5	0.0094	0.0458	0.0127	21.22	4.35	15.67	0.00	-0.21	-0.31	0.0
4498	-259.6	10.1	-253.2	41.9	-206.1	98.6	0.0089	0.0357	0.0022							
4499	-537.2	-39.7	-478.7	34.8	-444.1	60.1	0.0089	0.0357	0.0022							
4500	-891.6	-103.3	-748.0	-45.0	-806.2	-70.2	0.0089	0.0357	0.0022							
4501	-1302.0	-194.9	-1261.3	-88.7	-1347.2	-155.9	0.0089	0.0357	0.0022							
4502	-1535.9	-280.0	-2127.9	-114.5	-1922.9	-242.6	0.0247	0.0357	0.0057							
4503	-1728.7	-415.5	-3416.6	-107.2	-2556.0	-347.8	0.0247	0.0357	0.0057							
4504	-1965.8	-747.3	-5683.5	-61.9	-3260.2	-483.8	0.0247	0.0357	0.0057							
4505	-293.8	-805.3	-7806.3	276.5	-2536.0	-433.9	0.0247	0.0357	0.0057							
4506	-247.1	-986.7	-9065.7	492.9	-1416.1	-185.2	0.0247	0.0357	0.0055							
4507	-561.1	-794.0	-9153.4	759.7	195.8	345.2	0.0247	0.0357	0.0055							
4508	-1044.7	-401.7	-7937.2	608.3	796.3	788.9	0.0247	0.0357	0.0055							
4509	-1060.7	-144.1	-6828.1	363.4	615.7	1202.5	0.0247	0.0357	0.0055							
4510	-980.9	-12.5	-6250.7	155.9	483.8	1365.6	0.0247	0.0357	0.0055							
4511	-914.3	80.7	-5884.3	12.0	415.1	1389.9	0.0247	0.0357	0.0055							
4512	-873.1	145.3	-5606.8	-69.5	371.4	1342.9	0.0247	0.0357	0.0055							
4513	-56.9	55.4	73.5	33.6	-28.7	128.4	0.0092	0.0459	0.0127	20.93	4.21	15.20	0.00	-0.21	-0.30	0.0
4514	-254.5	7.6	-251.2	41.7	-197.8	97.1	0.0089	0.0357	0.0022							
4515	-531.8	-42.5	-471.9	39.8	-435.2	64.8	0.0089	0.0357	0.0022							
4516	-887.5	-105.8	-734.0	-32.9	-796.9	-56.2	0.0089	0.0357	0.0022							
4517	-1306.5	-199.3	-1242.7	-57.4	-1343.9	-113.9	0.0089	0.0357	0.0022							
4518	-1546.3	-287.6	-2107.1	-64.8	-1928.9	-188.8	0.0247	0.0357	0.0057							
4519	-1733.4	-439.2	-3397.3	-77.9	-2574.9	-280.0	0.0247	0.0357	0.0057							
4520	-1959.1	-802.1	-5687.9	-63.3	-3285.4	-367.6	0.0247	0.0357	0.0057							
4521	-227.2	-897.3	-7850.5	252.2	-2529.8	-328.0	0.0247	0.0357	0.0057							
4522	-52.5	-1122.9	-8991.0	469.3	-1202.1	-114.5	0.0247	0.0357	0.0055							
4523	-436.2	-1318.1	-8889.7	759.1	460.0	652.0	0.0247	0.0357	0.0055							
4524	-1300.7	-1401.9	-7421.0	596.6	1243.5	1378.5	0.0247	0.0357	0.0055							
4525	-1272.6	-1229.9	-5903.7	361.9	811.0	1818.6	0.0247	0.0357	0.0055							
4526	-1124.3	-1130.2	-5244.5	155.1	533.6	2014.6	0.0247	0.0357	0.0055							
4527	-998.8	-1045.4	-4872.8	17.3	392.9	2047.6	0.0247	0.0357	0.0055							
4528	-916.9	-975.0	-4619.5	-78.0	321.2	1997.7	0.0247	0.0357	0.0055							
4529	-98.9	140.2	-248.8	-20.6	-259.0	157.1	0.0094	0.0279	0.0127	25.91	8.69	19.09	0.00	-0.23	-0.71	0.0
4530	-295.1	96.7	-581.1	-35.2	-545.6	91.6	0.0089	0.0179	0.0022							
4531	-515.7	47.6	-906.2	-56.2	-835.1	-83.8	0.0089	0.0179	0.0022							
4532	-732.9	-7.7	-1294.3	-80.4	-1171.8	-143.7	0.0089	0.0179	0.0022							
4533	-889.0	-71.7	-1824.7	-97.6	-1543.4	-210.5	0.0089	0.0179	0.0022							
4534	-972.2	-156.9	-2573.6	-102.8	-1918.6	-288.3	0.0089	0.0179	0.0022							
4535	-885.4	-258.4	-3625.3	-80.0	-2211.4	-367.6	0.0247	0.0179	0.0057							
4536	-450.2	-324.8	-4827.2	70.6	-2126.4	-405.1	0.0247	0.0179	0.0057							
4537	-281.2	-448.6	-6078.7	178.0	-1733.8	-381.2	0.0247	0.0179	0.0057							
4538	155.7	-482.5	-6942.8	313.1	-1194.2	-314.0	0.0247	0.0179	0.0055							
4539	222.3	-559.1	-7245.7	372.4	-497.2	-155.5	0.0247	0.0179	0.0055							
4540	-100.6	-629.8	-6984.2	385.1	97.0	179.1	0.0247	0.0179	0.0055							
4541	-415.6	-613.0	-6376.3	310.5	412.2	358.9	0.0247	0.0179	0.0055							
4542	-571.7	-570.9	-5807.6	194.4	471.3	505.7	0.0247	0.0179	0.0055							
4543	-639.3	-522.9	-5375.0	85.8	456.1	560.0	0.0247	0.0179	0.0055							
4544	-662.4	-480.2	-5053.0	10.5	408.0	552.5	0.0247	0.0179	0.0055							
4545	-98.0	139.1	-242.8	18.0	-248.3	150.3	0.0092	0.0281	0.0127	23.03	7.56	16.70	0.00	-0.17	-0.67	0.0
4546	-295.6	94.3	-575.9	-30.3	-537.5	96.0	0.0089	0.0179	0.0022							
4547	-519.1	44.7	-898.5	-47.8	-829.2	-70.5	0.0089	0.0179	0.0022							
4548	-740.8	-12.3	-1283.0	-67.6	-1170.3	-119.6	0.0089	0.0179	0.0022							
4549	-899.9	-78.7	-1810.2	-83.4	-1548.9	-176.7	0.0089	0.0179	0.0022							
4550	-983.2	-170.8	-2562.5	-90.0	-1934.8	-241.2	0.0089	0.0179	0.0022							
4551	-889.5	-283.7	-3627.9	-63.4	-2236.7	-306.1	0.0247	0.0179	0.0057							
4552	-430.6	-367.4	-4845.1	86.1	-2149.4	-337.6	0.0247	0.0179	0.0057							
4553	-227.9	-517.7	-6085.6	184.0	-1724.7	-320.1	0.0247	0.0179	0.0057							
4554	204.7	-591.8	-6887.0	312.0	-1170.9	-236.2	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4555	248.4	-658.7	-7110.3	357.2	-428.1	-137.8	0.0247	0.0179	0.0055							
4556	-63.9	-707.0	-6736.0	374.8	168.1	122.0	0.0247	0.0179	0.0055							
4557	-434.2	-725.9	-6003.9	299.9	522.7	308.9	0.0247	0.0179	0.0055							
4558	-594.9	-703.3	-5332.0	189.8	533.1	446.1	0.0247	0.0179	0.0055							
4559	-646.6	-673.9	-4873.9	86.3	469.1	508.3	0.0247	0.0179	0.0055							
4560	-652.4	-644.2	-4562.1	9.8	396.0	510.3	0.0247	0.0179	0.0055							
4561	-124.0	131.3	-763.0	-30.6	-423.1	152.1	0.0093	0.0279	0.0127	22.99	7.68	16.90	0.00	-0.20	-1.20	0.0
4562	-266.2	101.8	-985.5	-52.2	-729.3	82.9	0.0089	0.0179	0.0022							
4563	-390.4	67.9	-1277.5	-70.7	-1009.2	-126.9	0.0089	0.0179	0.0022							
4564	-485.9	30.2	-1641.8	-86.0	-1276.6	-186.1	0.0089	0.0179	0.0022							
4565	-533.3	-13.0	-2103.1	-95.5	-1528.5	-247.4	0.0089	0.0179	0.0022							
4566	-497.7	-61.5	-2684.6	-91.5	-1729.7	-306.9	0.0089	0.0179	0.0022							
4567	-366.7	-114.0	-3363.6	-67.1	-1805.6	-354.9	0.0247	0.0179	0.0057							
4568	-218.4	-179.8	-4103.4	-24.2	-1719.1	-382.7	0.0247	0.0179	0.0057							
4569	9.7	-235.9	-4827.4	82.9	-1383.3	-386.2	0.0247	0.0179	0.0057							
4570	169.1	-394.8	-6139.7	167.6	-657.1	-262.8	0.0247	0.0179	0.0055							
4571	158.1	-470.2	-6587.3	246.3	-965.1	-491.3	0.0247	0.0179	0.0055							
4572	110.9	-466.7	-6258.8	219.2	-399.8	-695.0	0.0247	0.0179	0.0055							
4573	-26.0	-490.4	-6045.3	187.4	-57.1	-599.6	0.0247	0.0179	0.0055							
4574	-179.5	-496.9	-5729.8	143.0	209.7	-522.5	0.0247	0.0179	0.0055							
4575	-291.8	-496.2	-5411.2	90.8	308.7	-458.7	0.0247	0.0179	0.0055							
4576	-355.8	-490.5	-5143.5	38.9	351.0	-426.6	0.0247	0.0179	0.0055							
4577	-124.1	130.1	-753.3	-26.2	-413.4	147.6	0.0092	0.0281	0.0127	22.39	7.33	16.20	0.00	-0.19	-1.18	0.0
4578	-269.1	100.8	-977.8	-45.3	-724.5	90.5	0.0089	0.0179	0.0022							
4579	-396.5	66.9	-1271.1	-61.4	-1008.6	-109.4	0.0089	0.0179	0.0022							
4580	-495.1	28.3	-1636.8	-75.1	-1281.1	-158.6	0.0089	0.0179	0.0022							
4581	-544.4	-17.4	-2101.8	-83.4	-1539.3	-209.5	0.0089	0.0179	0.0022							
4582	-507.2	-69.3	-2689.8	-79.7	-1746.4	-259.8	0.0089	0.0179	0.0022							
4583	-368.9	-127.3	-3377.4	-59.5	-1826.0	-301.5	0.0247	0.0179	0.0057							
4584	-209.2	-202.2	-4125.3	27.3	-1737.3	-329.5	0.0247	0.0179	0.0057							
4585	28.7	-272.2	-4845.2	88.1	-1398.9	-328.2	0.0247	0.0179	0.0057							
4586	209.4	-452.5	-6153.8	157.9	-665.0	-383.0	0.0247	0.0179	0.0055							
4587	207.3	-553.2	-6288.2	199.6	-1111.3	-457.7	0.0247	0.0179	0.0055							
4588	167.3	-572.6	-5682.8	191.6	-371.0	-371.3	0.0247	0.0179	0.0055							
4589	34.7	-615.4	-5430.4	168.8	28.3	-318.7	0.0247	0.0179	0.0055							
4590	-128.7	-638.5	-5077.4	128.0	244.7	-239.8	0.0247	0.0179	0.0055							
4591	-242.4	-642.8	-4733.5	79.5	330.9	-184.8	0.0247	0.0179	0.0055							
4592	-302.4	-637.0	-4456.9	32.4	353.1	-158.0	0.0247	0.0179	0.0055							
4593	-140.4	75.2	-1269.3	-31.2	-534.9	130.6	0.0093	0.0280	0.0127	16.65	5.55	12.21	0.00	-0.15	-1.65	0.0
4594	-236.4	56.1	-1382.1	-54.2	-798.8	-97.2	0.0089	0.0179	0.0022							
4595	-298.8	35.6	-1585.2	-71.4	-1038.8	-151.4	0.0089	0.0179	0.0022							
4596	-326.1	12.7	-1866.5	-83.2	-1249.1	-204.7	0.0089	0.0179	0.0022							
4597	-309.3	-13.0	-2220.4	-88.3	-1419.4	-256.2	0.0089	0.0179	0.0022							
4598	-242.0	-41.9	-2637.6	-85.0	-1529.0	-303.8	0.0089	0.0179	0.0022							
4599	-128.5	-74.6	-3099.1	-72.1	-1554.0	-344.1	0.0247	0.0179	0.0057							
4600	31.9	-108.1	-3558.3	-48.8	-1456.7	-369.7	0.0247	0.0179	0.0057							
4601	189.5	-145.7	-3951.9	-21.2	-1202.7	-389.0	0.0247	0.0179	0.0057							
4602	353.1	-102.7	-3645.3	31.8	-554.3	-288.5	0.0247	0.0179	0.0057							
4603	374.4	-97.5	-3393.3	-16.1	-979.4	-560.5	0.0247	0.0179	0.0055							
4604	413.1	-183.1	-3870.5	52.6	-585.0	-849.0	0.0247	0.0179	0.0055							
4605	376.2	-212.8	-3831.3	79.3	-306.9	-818.3	0.0247	0.0179	0.0055							
4606	305.9	-236.6	-3697.1	77.6	-89.2	-781.3	0.0247	0.0179	0.0055							
4607	233.0	-249.8	-3515.5	63.0	137.0	-742.4	0.0247	0.0179	0.0055							
4608	180.4	-255.5	-3328.4	41.3	254.0	-717.7	0.0247	0.0179	0.0055							
4609	-140.8	73.6	-1259.6	-27.7	-527.6	130.4	0.0092	0.0281	0.0127	16.23	5.31	11.73	0.00	-0.15	-1.63	0.0
4610	-239.8	55.7	-1373.9	-47.6	-797.0	-88.4	0.0089	0.0179	0.0022							
4611	-304.7	35.8	-1579.5	-62.6	-1041.8	-133.1	0.0089	0.0179	0.0022							
4612	-334.1	13.1	-1864.1	-73.3	-1256.8	-177.5	0.0089	0.0179	0.0022							
4613	-318.1	-13.1	-2222.5	-78.6	-1431.7	-221.1	0.0089	0.0179	0.0022							
4614	-250.1	-43.3	-2645.8	-76.9	-1545.3	-262.1	0.0089	0.0179	0.0022							
4615	-134.2	-78.5	-3114.9	-66.9	-1572.4	-297.2	0.0247	0.0179	0.0057							
4616	29.4	-115.4	-3581.2	-48.6	-1475.4	-324.1	0.0247	0.0179	0.0057							
4617	188.8	-155.8	-3984.4	-28.8	-1223.3	-333.8	0.0247	0.0179	0.0057							
4618	347.5	-116.8	-3672.0	-18.6	-572.3	-411.1	0.0247	0.0179	0.0057							
4619	337.6	-119.0	-3637.6	18.6	-1158.1	-540.3	0.0247	0.0179	0.0055							
4620	362.7	-216.4	-4390.1	50.5	-600.2	-529.0	0.0247	0.0179	0.0055							
4621	306.6	-243.3	-4330.0	65.0	-294.7	-534.6	0.0247	0.0179	0.0055							
4622	228.2	-268.1	-4184.5	65.0	-73.2	-500.5	0.0247	0.0179	0.0055							
4623	149.2	-284.1	-3990.2	52.2	151.0	-469.1	0.0247	0.0179	0.0055							
4624	93.2	-290.0	-3794.8	33.0	258.3	-447.3	0.0247	0.0179	0.0055							
4625	-151.3	2.5	-1683.6	-27.2	-612.1	102.9	0.0093	0.0280	0.0127	10.85	3.61	7.94	0.00	-0.13	-2.00	0.0
4626	-215.9	-10.9	-1718.7	-48.0	-818.8	-126.0	0.0089	0.0179	0.0022							
4627	-247.2	-23.3	-1834.8	-63.9	-1009.1	-169.5	0.0089	0.0179	0.0022							
4628	-244.4	-35.9	-2020.9	-74.8	-1169.3	-214.0	0.0089	0.0179	0.0022							
4629	-206.3	-49.4	-2265.2	-80.3	-1287.4	-257.4	0.0089	0.0179	0.0022							
4630	-132.8	-64.5	-2553.0	-80.0	-1349.8	-297.5	0.0089	0.0179	0.0022							
4631	-26.3	-80.9	-2860.6	-73.9	-1340.3	-332.0	0.0247	0.0179	0.0057							
4632	98.8	-98.9	-3150.2	-64.2	-1243.4	-359.4	0.0247	0.0179	0.0057							
4633	223.6	-112.4	-3329.9	-53.8	-1042.2	-376.4	0.0247	0.0179	0.0057							
4634	210.7	-152.4	-3420.3	-59.6	-877.6	-418.2	0.0247	0.0179	0.0057							
4635	228.2	-180.1	-3455.5	-73.1	-712.5	-444.8	0.0247	0.0179	0.0055							
4636	327.4	-182.2	-3478.8	-35.6	-616.3	-472.4	0.0247	0.0179	0.0055							
4637	349.3	-207.5	-3536.6	15.5	-411.6	-496.0	0.0247	0.0179	0.0055							
4638	336.2	-225.1	-3497.7	31.2	-221.6	-483.2	0.0247	0.0179	0.0055							
4639	309.6	-238.3	-3404.1	36.8	-59.3	-464.1	0.0247	0.0179	0.0055							
4640	283.6	-247.5	-3278.4	33.7	165.9	-446.1	0.0247	0.0179	0.0055							
4641	-151.8	0.4	-1676.4	-25.2	-607.5	107.7	0.0092	0.0281	0.0127	10.72	3.50	7.74	0.00	-0.13	-1.99	0.0
4642	-219.0	-11.6	-1711.9	-42.8	-819.2	-114.8	0.0089	0.0179	0.0022							
4643	-252.3	-23.0	-1830.0	-56.7	-1014.1	-150.7	0.0089	0.0179	0.0022							
4644	-251.0	-35.0	-2019.3	-66.4	-1178.6	-187.9	0.0089	0.0179	0.0022							
4645	-213.7	-48.3	-2268.0	-71.8	-1300.3	-224.4	0.0089	0.0179	0.0022							
4646	-139.9	-63.3	-2561.3	-72.5	-1365.8	-258.9	0.0089	0.0179	0.0022							
4647	-32.7	-79.9	-2875.3	-68.9	-1358.4	-289.5	0.0089	0.0179	0.0022							
4648	92.6	-98.0	-3172.6	-62.9	-1263.1	-315.4	0.0247	0.0179	0.0057							
4649	216.5	-110.0	-3360.5	-60.2	-1063.8	-340.9	0.0247	0.0179	0.0057							
4650	194.2	-147.1	-3473.7	-69.0	-911.8	-369.7	0.0247	0.0179	0.0057							
4651	230.1	-144.7	-3527.6	-65.6	-740.4	-426.7	0.0247	0.0179	0.0055							
4652	348.3	-118.0	-3573.5	-36.7	-649.1	-491.0	0.0247	0.0179	0.0055							
4653	358.8	-140.1	-3661.0	8.7	-417.7	-504.4	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4654	339.0	-156.4	-3616.5	23.4	-217.6	-498.5	0.0247	0.0179	0.0055							
4655	307.2	-169.3	-3516.8	28.3	-53.5	-483.8	0.0247	0.0179	0.0055							
4656	277.2	-176.5	-3388.4	26.4	171.2	-469.7	0.0247	0.0179	0.0055							
4657	-159.8	-72.9	-1997.2	25.9	-669.5	-125.4	0.0093	0.0191	0.0127	9.13	4.45	6.67	0.00	-0.18	-2.31	0.0
4658	-206.2	-83.6	-1982.7	-38.5	-827.1	-154.5	0.0089	0.0089	0.0022							
4659	-225.8	-91.6	-2028.5	-52.8	-971.6	-187.9	0.0089	0.0089	0.0022							
4660	-216.6	-98.2	-2130.0	-63.8	-1089.4	-223.2	0.0089	0.0089	0.0022							
4661	-178.6	-104.1	-2278.7	-70.6	-1169.6	-258.4	0.0089	0.0089	0.0022							
4662	-114.4	-109.9	-2460.8	-73.2	-1202.9	-291.5	0.0089	0.0089	0.0022							
4663	-31.6	-116.0	-2657.1	-71.9	-1182.4	-321.3	0.0089	0.0089	0.0022							
4664	57.0	-122.2	-2839.4	-68.1	-1106.1	-346.9	0.0247	0.0089	0.0057							
4665	124.4	-131.6	-2991.3	-64.8	-994.4	-371.2	0.0247	0.0089	0.0057							
4666	192.3	-136.4	-3101.3	-58.7	-856.6	-392.5	0.0247	0.0089	0.0057							
4667	237.2	-143.7	-3172.5	-45.0	-711.3	-413.4	0.0247	0.0089	0.0055							
4668	265.4	-155.9	-3214.6	-37.9	-565.5	-428.9	0.0247	0.0089	0.0055							
4669	306.0	-162.3	-3230.3	-23.3	-423.0	-436.9	0.0247	0.0089	0.0055							
4670	325.0	-169.8	-3218.5	-8.2	-266.5	-438.6	0.0247	0.0089	0.0055							
4671	328.4	-176.6	-3166.7	18.8	-118.5	-430.9	0.0247	0.0089	0.0055							
4672	323.1	-181.4	-3084.8	24.6	108.6	-419.0	0.0247	0.0089	0.0055							
4673	-160.2	-75.6	-1993.3	26.8	-667.6	-116.6	0.0092	0.0192	0.0127	8.95	4.27	6.45	0.00	-0.18	-2.30	0.0
4674	-208.7	-85.1	-1978.3	-35.2	-829.3	-140.4	0.0089	0.0089	0.0022							
4675	-230.1	-92.1	-2025.0	-47.6	-977.8	-168.0	0.0089	0.0089	0.0022							
4676	-222.1	-97.7	-2128.9	-57.1	-1099.2	-197.5	0.0089	0.0089	0.0022							
4677	-184.5	-102.8	-2281.0	-63.3	-1182.3	-227.3	0.0089	0.0089	0.0022							
4678	-120.2	-107.9	-2467.8	-66.1	-1217.9	-255.7	0.0089	0.0089	0.0022							
4679	-36.8	-113.4	-2669.6	-65.9	-1199.0	-281.9	0.0089	0.0089	0.0022							
4680	52.7	-118.8	-2858.1	-63.9	-1123.6	-305.7	0.0247	0.0089	0.0057							
4681	120.5	-126.8	-3017.8	-61.3	-1012.9	-328.3	0.0247	0.0089	0.0057							
4682	192.7	-128.7	-3135.8	-56.0	-873.8	-351.7	0.0247	0.0089	0.0057							
4683	237.0	-139.8	-3215.8	-49.7	-726.9	-370.4	0.0247	0.0089	0.0055							
4684	265.3	-154.3	-3264.4	-39.8	-577.4	-385.6	0.0247	0.0089	0.0055							
4685	310.6	-157.7	-3284.0	-24.7	-432.3	-398.5	0.0247	0.0089	0.0055							
4686	327.8	-165.3	-3276.7	-10.7	-269.5	-400.8	0.0247	0.0089	0.0055							
4687	328.8	-171.8	-3223.5	13.7	-116.9	-395.6	0.0247	0.0089	0.0055							
4688	321.9	-176.0	-3137.9	19.6	111.7	-386.7	0.0247	0.0089	0.0055							
4689	-170.1	-147.7	-2233.2	34.8	-719.4	-159.8	0.0093	0.0191	0.0127	9.20	4.47	6.71	0.00	-0.25	-2.55	0.0
4690	-209.8	-156.8	-2183.9	-28.7	-843.9	-182.7	0.0089	0.0089	0.0022							
4691	-229.7	-161.9	-2172.3	-42.1	-951.4	-208.6	0.0089	0.0089	0.0022							
4692	-225.2	-164.1	-2202.7	-53.4	-1032.2	-235.8	0.0089	0.0089	0.0022							
4693	-195.3	-164.2	-2272.4	-61.7	-1079.9	-262.9	0.0089	0.0089	0.0022							
4694	-143.5	-163.1	-2372.8	-66.4	-1090.6	-288.8	0.0089	0.0089	0.0022							
4695	-76.5	-161.6	-2490.5	-67.6	-1063.3	-312.7	0.0089	0.0089	0.0022							
4696	-4.3	-160.4	-2611.0	-66.1	-1000.9	-334.5	0.0247	0.0089	0.0057							
4697	68.4	-159.1	-2720.5	-62.0	-908.0	-353.7	0.0247	0.0089	0.0057							
4698	130.5	-159.3	-2809.4	-56.1	-794.0	-370.5	0.0247	0.0089	0.0057							
4699	184.6	-159.4	-2873.8	-49.7	-668.5	-385.1	0.0247	0.0089	0.0038							
4700	230.9	-158.6	-2913.1	-39.2	-536.4	-397.1	0.0247	0.0089	0.0038							
4701	265.5	-159.5	-2927.6	-28.4	-401.6	-404.4	0.0247	0.0089	0.0038							
4702	293.9	-160.9	-2917.3	-17.4	-267.7	-406.1	0.0247	0.0089	0.0038							
4703	312.1	-162.4	-2881.9	9.2	-135.1	-403.3	0.0247	0.0089	0.0038							
4704	321.2	-163.1	-2820.6	18.4	76.3	-397.2	0.0247	0.0089	0.0038							
4705	-170.5	-150.9	-2232.9	34.1	-720.1	-146.5	0.0092	0.0192	0.0127	8.95	4.27	6.45	0.00	-0.25	-2.55	0.0
4706	-212.0	-159.2	-2182.1	-27.5	-848.0	-165.3	0.0089	0.0089	0.0022							
4707	-233.5	-163.2	-2170.3	-38.7	-958.5	-186.7	0.0089	0.0089	0.0022							
4708	-229.9	-164.4	-2201.8	-48.3	-1041.9	-209.5	0.0089	0.0089	0.0022							
4709	-200.4	-163.4	-2273.9	-55.5	-1091.6	-232.5	0.0089	0.0089	0.0022							
4710	-148.2	-161.4	-2377.9	-59.7	-1103.9	-254.7	0.0089	0.0089	0.0022							
4711	-80.4	-158.9	-2500.0	-61.0	-1077.5	-275.6	0.0089	0.0089	0.0022							
4712	-7.1	-156.8	-2625.4	-60.0	-1015.5	-295.0	0.0247	0.0089	0.0057							
4713	67.2	-154.5	-2739.8	-57.0	-922.1	-312.6	0.0247	0.0089	0.0057							
4714	130.1	-154.0	-2833.8	-52.4	-807.5	-328.5	0.0247	0.0089	0.0057							
4715	186.2	-152.0	-2903.3	-45.5	-680.8	-343.0	0.0247	0.0089	0.0038							
4716	234.2	-150.1	-2947.5	-37.0	-546.4	-354.5	0.0247	0.0089	0.0038							
4717	269.0	-151.1	-2965.6	-27.4	-408.5	-361.6	0.0247	0.0089	0.0038							
4718	298.3	-151.8	-2956.7	-17.2	-271.6	-364.5	0.0247	0.0089	0.0038							
4719	316.1	-153.2	-2921.7	-8.1	-136.2	-362.7	0.0247	0.0089	0.0038							
4720	324.7	-154.2	-2859.8	14.7	77.9	-357.4	0.0247	0.0089	0.0038							
4721	39.5	-168.0	59.8	-54.6	-85.8	25.2	0.0331	0.0462	0.0140	4.41	3.16	10.44	0.00	-0.18	-0.33	0.0
4722	102.5	-168.9	-27.9	-82.0	-96.2	30.7	0.0331	0.0462	0.0140	5.30	3.80	12.56	0.00	-0.25	-0.37	0.0
4723	129.0	-170.9	-72.2	-105.8	-66.7	29.0	0.0331	0.0462	0.0140	5.53	3.96	13.11	0.00	-0.28	-0.39	0.0
4724	87.5	-191.7	-130.6	-124.3	42.8	26.6	0.0331	0.0462	0.0140	4.18	2.99	9.91	0.00	-0.26	-0.39	0.0
4725	-96.8	-259.0	-270.0	-140.0	253.5	42.1	0.0331	0.0462	0.0140	3.26	2.33	7.72	0.00	-0.33	-0.62	0.0
4726	-738.6	-522.8	-1428.5	-155.2	1160.5	50.1	0.0331	0.0462	0.0057	4.25	3.04	24.87	0.00	-0.67	-2.44	0.0
4727	-1327.0	-822.3	-3150.3	-172.6	635.4	192.5	0.0331	0.0462	0.0057				-0.77	-1.16	-3.37	
4728	-1785.8	-796.1	-2761.1	-145.7	350.6	131.5	0.0331	0.0462	0.0057				-0.77	-1.68	-2.89	
4729	-3191.0	-1249.6	-4700.9	205.6	3192.6	-359.9	0.0331	0.0462	0.0055				-0.66	-1.23	-7.25	
4730	-985.5	-1345.6	-7916.3	-210.4	1003.8	-214.8	0.0331	0.0462	0.0055				-0.75	-1.44	-8.06	
4731	-1192.2	-1167.1	-5619.3	-30.0	-1748.6	682.6	0.0331	0.0462	0.0055				-0.48	-1.19	-6.31	
4732	-651.9	-804.5	-2479.0	-69.2	-301.1	1362.6	0.0331	0.0462	0.0055	0.69	0.49	4.17	0.00	-0.72	-3.28	0.0
4733	-486.3	-913.3	-2342.4	-43.2	84.5	1844.7	0.0331	0.0462	0.0055	10.60	7.59	64.29	0.00	-0.83	-3.96	0.0
4734	-455.8	-1006.8	-2397.3	-44.5	150.4	2081.9	0.0331	0.0462	0.0055	14.98	10.73	90.89	0.00	-0.95	-4.40	0.0
4735	-477.1	-1087.9	-2507.4	-59.0	156.8	2239.6	0.0331	0.0462	0.0055	16.73	11.98	101.52	0.00	-1.03	-4.71	0.0
4736	-514.8	-1155.5	-2624.4	-84.0	144.0	2363.2	0.0331	0.0462	0.0055	17.68	12.66	107.27	0.00	-1.09	-4.96	0.0
4737	36.4	-170.7	60.3	-61.8	-87.1	24.3	0.0331	0.0462	0.0140	4.45	3.19	10.55	0.00	-0.18	-0.34	0.0
4738	98.3	-171.4	-28.4	-90.2	-96.4	33.5	0.0331	0.0462	0.0140	5.33	3.82	12.63	0.00	-0.26	-0.38	0.0
4739	123.5	-174.6	-75.0	-115.8	-64.9	31.5	0.0331	0.0462	0.0140	5.53	3.96	13.11	0.00	-0.28	-0.40	0.0
4740	77.4	-198.2	-137.5	-137.3	50.1	25.0	0.0331	0.0462	0.0140	4.20	3.01	9.97	0.00	-0.27	-0.41	0.0
4741	-127.3	-265.9	-306.4	-155.5	289.7	9.9	0.0331	0.0462	0.0140	3.76	2.69	8.91	0.00	-0.39	-0.68	0.0
4742	-761.4	-529.4	-1456.1	-139.5	1136.4	-230.9	0.0331	0.0462	0.0057	5.11	3.66	29.90	0.00	-0.78	-2.47	0.0
4743	-1321.6	-823.0	-3120.5	-135.4	616.4	-301.9	0.0331	0.0462	0.0057				-0.69	-1.24	-3.34	
4744	-1778.1	-791.1	-2785.6	-115.9	350.0	-178.1	0.0331	0.0462	0.0057				-0.75	-1.70	-2.90	
4745	-3179.8	-1219.4	-4689.4	254.3	3160.4	-422.9	0.0331	0.0462	0.0055				-0.68	-1.19	-7.22	
4746	-1067.6	-1251.0	-7661.9	-216.1	1047.7	-230.6	0.0331	0.0462	0.0055				-0.77	-1.38	-7.83	
4747	-1240.0	-1431.7	-6608.9	-164.1	-488.5	1464.5	0.0331	0.0462	0.0055				-0.83	-1.42	-7.03	
4748	-1191.4	-1699.8	-5680.9	-122.9	232.5	3103.3	0.0331	0.0462	0.0055				0.00	-1.18	-7.39	
4749	-1227.6	-1957.5	-6067.2	-104.9	308.5	3700.6	0.0331	0.0462	0.0055	6.75	4.83	40.97	0.00	-1.44	-8.48	0.0
4750	-1281.5	-2168.8	-6438.0	-112.5	329.2	4055.6	0.0331	0.0462	0.0055	8.56	6.13	51.92	0.00	-1.55	-9.18	0.0
4751	-1358.2	-2328.8	-6790.5	-125.0	325.5	4319.4	0.0331	0.0462	0.0055	9.19	6.58	55.78	0.00	-1.65	-9.74	0.0
4752	-1442.9	-2453.0	-7118.6	-154.5	309.9	4541.2	0.0331	0.0462	0.0055	9.67	6.92	58.68	0.00	-1.75	-10.23	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4753	-17.1	-32.0	143.1	-31.2	-56.1	53.8	0.0092	0.0459	0.0244	19.33	3.88	7.30	0.00	-0.21	-0.24	0.0
4754	-111.8	-59.7	-72.4	-43.8	39.5	43.7	0.0089	0.0357	0.0140							
4755	-256.0	-86.9	-225.1	-51.2	167.8	33.5	0.0089	0.0357	0.0140							
4756	-450.8	-116.7	-405.9	-57.4	381.7	21.6	0.0089	0.0357	0.0140							
4757	-689.0	-158.1	-771.1	-64.0	730.8	-10.7	0.0089	0.0357	0.0140							
4758	-717.7	-160.2	-1364.6	-72.5	1045.6	-15.6	0.0247	0.0357	0.0057							
4759	-689.1	-242.0	-2167.5	54.6	1326.2	-74.5	0.0247	0.0357	0.0057							
4760	-905.7	-530.0	-3415.3	56.7	1528.0	-184.8	0.0247	0.0357	0.0057							
4761	-289.9	-634.8	-4468.6	-193.2	1171.6	-199.3	0.0247	0.0357	0.0057							
4762	-141.6	-716.8	-5038.8	-356.3	663.3	-60.9	0.0247	0.0357	0.0055							
4763	-319.5	-835.8	-5205.6	-577.2	-95.7	420.1	0.0247	0.0357	0.0055							
4764	-836.7	-941.9	-4772.0	-512.4	-463.0	957.7	0.0247	0.0357	0.0055							
4765	-871.7	-905.8	-4236.9	-385.9	-164.4	1353.9	0.0247	0.0357	0.0055							
4766	-842.8	-907.1	-4167.6	-263.1	126.7	1616.1	0.0247	0.0357	0.0055							
4767	-836.5	-913.8	-4258.4	-175.5	218.5	1785.6	0.0247	0.0357	0.0055							
4768	-864.1	-931.4	-4418.8	-122.2	272.5	1906.9	0.0247	0.0357	0.0055							
4769	-19.8	-30.8	143.6	-33.0	-55.6	52.1	0.0094	0.0458	0.0244	18.94	3.88	7.27	0.00	-0.20	-0.24	0.0
4770	-117.2	-56.2	-73.9	-45.2	43.7	41.7	0.0089	0.0357	0.0140							
4771	-263.8	-82.0	-231.2	-48.0	174.7	28.5	0.0089	0.0357	0.0140							
4772	-461.0	-110.1	-422.4	-44.2	394.0	-19.8	0.0089	0.0357	0.0140							
4773	-688.0	-149.4	-805.7	31.4	743.7	-59.5	0.0089	0.0357	0.0140							
4774	-706.3	-168.9	-1426.3	50.0	1048.1	-94.3	0.0247	0.0357	0.0057							
4775	-689.6	-241.6	-2219.3	-51.8	1285.9	-151.0	0.0247	0.0357	0.0057							
4776	-925.9	-477.1	-3392.1	-89.4	1483.6	-234.3	0.0247	0.0357	0.0057							
4777	-349.9	-557.2	-4405.8	-207.1	1181.6	-223.1	0.0247	0.0357	0.0057							
4778	-284.4	-621.8	-5084.5	-361.7	820.0	-79.7	0.0247	0.0357	0.0055							
4779	-422.8	-479.0	-5400.0	-556.5	243.7	232.1	0.0247	0.0357	0.0055							
4780	-701.6	-236.5	-5160.5	-495.1	-125.4	554.7	0.0247	0.0357	0.0055							
4781	-747.0	-74.3	-4934.7	-360.1	151.7	888.5	0.0247	0.0357	0.0055							
4782	-751.1	18.6	-4986.2	-231.2	242.9	1083.5	0.0247	0.0357	0.0055							
4783	-778.3	95.1	-5151.0	-136.3	291.3	1199.4	0.0247	0.0357	0.0055							
4784	-828.3	149.5	-5365.5	-93.0	328.8	1276.2	0.0247	0.0357	0.0055							
4785	-38.5	29.1	58.3	-16.3	86.7	60.7	0.0092	0.0281	0.0244	14.15	4.64	5.33	0.00	-0.11	-0.24	0.0
4786	-144.0	2.1	-183.7	-17.3	252.9	33.0	0.0089	0.0179	0.0140							
4787	-267.0	-28.3	-412.3	-16.3	423.1	-20.5	0.0089	0.0179	0.0140							
4788	-389.8	-63.6	-678.9	20.8	624.6	-43.4	0.0089	0.0179	0.0140							
4789	-468.2	-104.0	-1028.9	31.3	839.7	-69.1	0.0089	0.0179	0.0140							
4790	-520.6	-170.7	-1504.6	39.9	1049.2	-102.2	0.0089	0.0179	0.0140							
4791	-495.7	-244.3	-2149.9	-33.4	1205.0	-133.2	0.0247	0.0179	0.0057							
4792	-279.4	-291.3	-2893.6	-81.5	1159.9	-145.0	0.0247	0.0179	0.0057							
4793	-193.5	-395.8	-3705.1	-148.0	916.5	-142.8	0.0247	0.0179	0.0057							
4794	-6.0	-458.7	-4254.6	-244.7	721.1	-107.4	0.0247	0.0179	0.0055							
4795	-12.4	-517.0	-4523.9	-284.9	448.7	-59.9	0.0247	0.0179	0.0055							
4796	-222.7	-573.9	-4520.8	-301.5	295.4	36.2	0.0247	0.0179	0.0055							
4797	-437.7	-603.5	-4342.3	-258.8	155.6	183.9	0.0247	0.0179	0.0055							
4798	-546.0	-612.4	-4224.7	-189.9	189.3	319.2	0.0247	0.0179	0.0055							
4799	-601.5	-617.7	-4239.7	-120.5	254.8	416.3	0.0247	0.0179	0.0055							
4800	-635.3	-625.2	-4355.5	-62.2	324.3	477.0	0.0247	0.0179	0.0055							
4801	-39.8	30.6	54.9	-15.5	91.1	61.3	0.0094	0.0279	0.0244	14.06	4.71	5.39	0.00	-0.11	-0.24	0.0
4802	-145.3	5.5	-187.9	-16.6	256.8	28.2	0.0089	0.0179	0.0140							
4803	-267.6	-23.7	-419.9	-13.5	426.9	-36.9	0.0089	0.0179	0.0140							
4804	-387.8	-56.5	-691.1	25.9	626.4	-65.7	0.0089	0.0179	0.0140							
4805	-464.6	-93.4	-1044.7	35.5	836.6	-96.1	0.0089	0.0179	0.0140							
4806	-516.2	-147.9	-1517.4	38.8	1038.4	-129.5	0.0089	0.0179	0.0140							
4807	-497.1	-216.6	-2156.9	30.3	1189.9	-164.8	0.0247	0.0179	0.0057							
4808	-302.5	-267.6	-2898.6	-75.6	1143.2	-184.9	0.0247	0.0179	0.0057							
4809	-242.8	-353.5	-3716.9	-150.7	917.4	-168.1	0.0247	0.0179	0.0057							
4810	-54.8	-379.3	-4317.5	-243.7	730.7	-141.1	0.0247	0.0179	0.0055							
4811	-40.4	-425.5	-4654.8	-296.1	496.4	-51.2	0.0247	0.0179	0.0055							
4812	-250.8	-481.6	-4745.3	-305.0	353.0	107.3	0.0247	0.0179	0.0055							
4813	-436.9	-485.4	-4673.1	-259.4	250.6	243.9	0.0247	0.0179	0.0055							
4814	-542.5	-477.5	-4643.2	-186.1	260.1	382.1	0.0247	0.0179	0.0055							
4815	-607.6	-466.1	-4697.4	-112.8	296.5	469.0	0.0247	0.0179	0.0055							
4816	-649.9	-461.2	-4830.7	-56.4	350.8	519.5	0.0247	0.0179	0.0055							
4817	-49.0	27.1	-152.3	-10.8	195.7	55.4	0.0092	0.0281	0.0244	11.96	3.92	4.50	0.00	-0.08	-0.42	0.0
4818	-126.6	8.6	-336.8	12.5	399.2	22.2	0.0089	0.0179	0.0140							
4819	-193.9	-13.7	-561.1	23.4	580.7	-47.2	0.0089	0.0179	0.0140							
4820	-247.1	-39.3	-828.5	33.1	750.0	-75.2	0.0089	0.0179	0.0140							
4821	-278.9	-70.5	-1153.9	40.0	907.9	-103.2	0.0089	0.0179	0.0140							
4822	-268.6	-104.6	-1550.4	39.0	1034.4	-129.4	0.0089	0.0179	0.0140							
4823	-213.6	-145.6	-2006.5	28.4	1087.5	-150.8	0.0247	0.0179	0.0057							
4824	-158.7	-201.5	-2506.0	-33.9	1042.6	-166.2	0.0247	0.0179	0.0057							
4825	-71.5	-254.3	-3016.5	-74.0	849.9	-164.5	0.0247	0.0179	0.0057							
4826	16.8	-413.4	-4216.9	-125.6	348.2	-235.0	0.0247	0.0179	0.0055							
4827	-39.4	-497.1	-4389.5	-153.2	1063.4	-341.5	0.0247	0.0179	0.0055							
4828	-67.8	-504.2	-3971.4	-144.1	585.6	-293.3	0.0247	0.0179	0.0055							
4829	-143.8	-548.6	-4033.1	-127.1	439.2	-274.0	0.0247	0.0179	0.0055							
4830	-233.5	-582.4	-4066.7	-99.1	361.3	-220.7	0.0247	0.0179	0.0055							
4831	-293.5	-606.4	-4130.9	-63.8	343.5	-179.8	0.0247	0.0179	0.0055							
4832	-317.4	-624.3	-4257.2	-24.5	348.6	-157.6	0.0247	0.0179	0.0055							
4833	-49.3	28.6	-159.6	-10.3	199.9	57.2	0.0093	0.0279	0.0244	11.99	4.01	4.58	0.00	-0.08	-0.43	0.0
4834	-125.7	10.9	-343.9	15.7	400.6	-31.6	0.0089	0.0179	0.0140							
4835	-191.7	-10.7	-568.5	27.4	579.9	-66.8	0.0089	0.0179	0.0140							
4836	-243.8	-35.0	-836.0	37.4	746.3	-99.3	0.0089	0.0179	0.0140							
4837	-275.4	-64.2	-1160.2	44.3	900.6	-131.2	0.0089	0.0179	0.0140							
4838	-267.8	-97.3	-1554.0	43.6	1023.9	-161.6	0.0089	0.0179	0.0140							
4839	-218.1	-133.2	-2006.2	29.8	1075.3	-184.5	0.0247	0.0179	0.0057							
4840	-169.8	-178.6	-2503.1	-36.1	1031.7	-193.3	0.0247	0.0179	0.0057							
4841	-89.9	-221.7	-3022.9	-70.6	837.2	-194.4	0.0247	0.0179	0.0057							
4842	-20.6	-363.9	-4226.2	-132.8	335.0	-88.0	0.0247	0.0179	0.0055							
4843	-86.8	-429.9	-4702.7	-191.0	904.4	-350.4	0.0247	0.0179	0.0055							
4844	-129.9	-419.6	-4549.7	-161.0	599.8	-597.5	0.0247	0.0179	0.0055							
4845	-210.5	-442.4	-4641.3	-135.5	468.6	-541.3	0.0247	0.0179	0.0055							
4846	-293.7	-457.1	-4708.8	-104.0	393.3	-493.8	0.0247	0.0179	0.0055							
4847	-350.8	-470.5	-4798.3	-65.3	369.3	-448.4	0.0247	0.0179	0.0055							
4848	-373.7	-481.6	-4939.6	-21.3	358.6	-424.5	0.0247	0.0179	0.0055							
4849	-54.9	-4.7	-370.7	-13.1	287.5	43.2	0.0092	0.0281	0.0244	12.65	4.14	4.76	0.00	-0.12	-0.66	0.0
4850	-94.1	-19.9	-484.1	21.2	493.1	-38.8	0.0089	0.0179	0.0140							
4851	-116.4	-35.2	-668.1	33.1	668.1	-68.0	0.0089	0.0179	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4852	-118.3	-51.5	-908.5	41.3	814.3	-95.8	0.0089	0.0179	0.0140							
4853	-101.8	-69.4	-1196.8	45.8	927.7	-122.5	0.0089	0.0179	0.0140							
4854	-65.7	-90.4	-1522.7	46.7	1002.2	-147.6	0.0089	0.0179	0.0140							
4855	-11.0	-114.7	-1873.7	43.0	1027.1	-169.3	0.0247	0.0179	0.0057							
4856	64.8	-140.4	-2221.1	35.2	979.9	-187.8	0.0247	0.0179	0.0057							
4857	136.7	-168.9	-2531.4	28.1	832.5	-196.4	0.0247	0.0179	0.0057							
4858	214.7	-119.5	-2181.5	32.4	333.6	-280.9	0.0247	0.0179	0.0055							
4859	157.1	-112.3	-2187.8	34.7	1101.0	-425.2	0.0247	0.0179	0.0055							
4860	169.1	-203.2	-3070.5	-17.7	725.1	-435.3	0.0247	0.0179	0.0055							
4861	133.3	-226.1	-3223.3	-30.3	578.8	-465.0	0.0247	0.0179	0.0055							
4862	96.8	-251.6	-3355.6	-31.4	476.3	-453.8	0.0247	0.0179	0.0055							
4863	70.1	-272.2	-3479.9	-20.8	399.4	-442.9	0.0247	0.0179	0.0055							
4864	67.1	-285.7	-3623.0	12.4	333.1	-439.0	0.0247	0.0179	0.0055							
4865	-54.5	-2.4	-381.1	-14.0	290.8	44.3	0.0093	0.0280	0.0244	12.51	4.17	4.77	0.00	-0.12	-0.67	0.0
4866	-92.4	-17.7	-494.6	26.4	492.5	-54.9	0.0089	0.0179	0.0140							
4867	-114.0	-33.0	-677.4	39.4	664.4	-89.2	0.0089	0.0179	0.0140							
4868	-115.7	-48.9	-915.7	47.9	807.8	-121.1	0.0089	0.0179	0.0140							
4869	-99.3	-66.0	-1201.1	52.1	918.8	-151.2	0.0089	0.0179	0.0140							
4870	-64.0	-85.4	-1523.4	51.4	991.2	-178.3	0.0089	0.0179	0.0140							
4871	-10.6	-108.0	-1870.2	45.9	1014.8	-201.3	0.0247	0.0179	0.0057							
4872	63.7	-132.1	-2214.0	34.9	966.9	-216.1	0.0247	0.0179	0.0057							
4873	136.6	-158.8	-2517.0	22.4	815.2	-232.7	0.0247	0.0179	0.0057							
4874	221.1	-106.8	-2173.6	17.0	315.3	-139.2	0.0247	0.0179	0.0055							
4875	194.9	-93.2	-1960.8	48.4	918.2	-427.7	0.0247	0.0179	0.0055							
4876	220.3	-172.9	-2564.4	-14.6	702.7	-739.7	0.0247	0.0179	0.0055							
4877	201.8	-199.4	-2733.0	-37.5	582.7	-736.7	0.0247	0.0179	0.0055							
4878	172.8	-223.2	-2872.1	-35.9	485.1	-726.5	0.0247	0.0179	0.0055							
4879	152.2	-240.1	-3006.7	-22.9	408.6	-711.5	0.0247	0.0179	0.0055							
4880	153.5	-252.0	-3156.9	15.3	333.5	-707.8	0.0247	0.0179	0.0055							
4881	-33.1	-38.4	-521.1	-18.6	378.8	-43.0	0.0092	0.0281	0.0244	19.59	6.39	7.35	0.00	-0.22	-0.91	0.0
4882	-52.9	-55.4	-577.7	31.2	578.1	-64.9	0.0089	0.0179	0.0140							
4883	-15.9	-67.8	-730.8	41.5	741.3	-86.5	0.0089	0.0179	0.0140							
4884	22.9	-81.1	-952.7	47.6	849.2	-110.7	0.0089	0.0179	0.0140							
4885	60.9	-93.3	-1208.6	51.2	920.0	-135.5	0.0089	0.0179	0.0140							
4886	103.4	-104.1	-1482.9	52.7	956.4	-159.4	0.0089	0.0179	0.0140							
4887	153.9	-114.8	-1760.4	52.8	951.8	-181.6	0.0089	0.0179	0.0140							
4888	208.1	-126.2	-2016.9	53.2	896.3	-202.3	0.0247	0.0179	0.0057							
4889	255.4	-131.5	-2177.0	59.1	774.2	-227.0	0.0247	0.0179	0.0057							
4890	165.6	-161.9	-2292.4	77.2	730.8	-260.2	0.0247	0.0179	0.0055							
4891	150.7	-153.5	-2395.2	82.9	686.5	-326.8	0.0247	0.0179	0.0055							
4892	242.0	-121.6	-2545.9	61.6	725.3	-405.3	0.0247	0.0179	0.0055							
4893	249.6	-140.2	-2795.2	38.7	611.9	-436.1	0.0247	0.0179	0.0055							
4894	247.3	-154.6	-2961.6	24.8	505.2	-449.5	0.0247	0.0179	0.0055							
4895	247.0	-167.4	-3109.4	19.8	401.2	-454.5	0.0247	0.0179	0.0055							
4896	256.3	-175.7	-3250.2	21.5	293.1	-460.0	0.0247	0.0179	0.0055							
4897	-32.1	-34.2	-535.6	-21.2	380.8	-58.2	0.0093	0.0280	0.0244	19.63	6.52	7.47	0.00	-0.22	-0.93	0.0
4898	-51.1	-52.7	-592.5	38.9	575.8	-84.5	0.0089	0.0179	0.0140							
4899	-14.8	-66.1	-742.9	50.4	735.9	-109.3	0.0089	0.0179	0.0140							
4900	23.6	-79.8	-961.0	56.6	841.6	-136.4	0.0089	0.0179	0.0140							
4901	61.6	-91.8	-1212.9	59.7	910.4	-163.9	0.0089	0.0179	0.0140							
4902	104.0	-102.4	-1483.0	60.2	945.0	-189.9	0.0089	0.0179	0.0140							
4903	154.7	-112.9	-1755.9	58.4	939.0	-213.1	0.0247	0.0179	0.0057							
4904	210.1	-124.6	-2006.9	56.1	881.5	-233.0	0.0247	0.0179	0.0057							
4905	260.0	-132.3	-2160.3	55.7	756.0	-248.0	0.0247	0.0179	0.0057							
4906	181.1	-166.5	-2253.9	72.4	697.7	-293.9	0.0247	0.0179	0.0055							
4907	148.9	-189.0	-2337.6	96.8	657.0	-331.0	0.0247	0.0179	0.0055							
4908	221.6	-186.8	-2464.4	68.1	688.8	-374.4	0.0247	0.0179	0.0055							
4909	240.5	-209.0	-2681.6	40.6	600.3	-417.6	0.0247	0.0179	0.0055							
4910	244.6	-224.8	-2850.5	26.7	502.8	-426.7	0.0247	0.0179	0.0055							
4911	249.3	-237.5	-3001.1	21.7	400.2	-430.2	0.0247	0.0179	0.0055							
4912	262.6	-247.0	-3141.6	24.9	291.7	-434.9	0.0247	0.0179	0.0055							
4913	-73.4	-69.8	-530.6	-35.0	496.9	-91.8	0.0092	0.0192	0.0244	28.79	13.75	10.80	0.00	-0.35	-1.12	0.0
4914	122.0	-63.5	-569.7	41.5	752.4	-87.7	0.0202	0.0089	0.0140							
4915	201.4	-81.8	-782.7	45.3	816.8	-102.1	0.0202	0.0089	0.0140							
4916	233.1	-101.4	-1004.5	48.4	856.6	-123.3	0.0202	0.0089	0.0140							
4917	249.6	-118.2	-1229.8	51.4	882.9	-145.9	0.0202	0.0089	0.0140							
4918	264.4	-129.5	-1455.7	54.0	891.6	-168.1	0.0089	0.0089	0.0140							
4919	280.6	-135.4	-1674.2	56.2	876.5	-189.5	0.0089	0.0089	0.0140							
4920	293.2	-138.3	-1868.4	58.5	835.1	-210.7	0.0247	0.0089	0.0057							
4921	283.5	-143.0	-2035.6	61.6	785.7	-233.6	0.0247	0.0089	0.0057							
4922	284.5	-141.5	-2178.3	62.9	729.0	-260.7	0.0247	0.0089	0.0057							
4923	271.0	-149.5	-2312.9	63.1	676.9	-286.7	0.0247	0.0089	0.0055							
4924	258.7	-161.2	-2453.8	59.2	623.9	-312.6	0.0247	0.0089	0.0055							
4925	282.1	-162.1	-2604.4	48.7	566.8	-339.1	0.0247	0.0089	0.0055							
4926	294.1	-167.9	-2763.4	37.7	474.5	-357.0	0.0247	0.0089	0.0055							
4927	303.1	-173.0	-2903.9	29.1	367.4	-368.8	0.0247	0.0089	0.0055							
4928	312.4	-176.4	-3029.4	23.7	247.1	-377.7	0.0247	0.0089	0.0055							
4929	-71.0	-64.3	-552.4	-41.8	497.0	-117.2	0.0093	0.0191	0.0244	29.03	14.14	11.03	0.00	-0.36	-1.14	0.0
4930	120.1	-61.9	-588.9	52.6	748.4	-111.7	0.0202	0.0089	0.0140							
4931	198.8	-81.2	-795.9	56.0	811.6	-126.1	0.0202	0.0089	0.0140							
4932	230.8	-101.6	-1013.2	58.9	849.8	-148.8	0.0202	0.0089	0.0140							
4933	247.7	-118.5	-1234.2	61.6	874.3	-173.5	0.0089	0.0089	0.0140							
4934	262.8	-129.6	-1455.7	63.6	881.3	-197.6	0.0089	0.0089	0.0140							
4935	279.3	-135.6	-1669.4	64.8	864.8	-220.4	0.0089	0.0089	0.0140							
4936	292.4	-139.3	-1858.5	65.8	822.1	-241.8	0.0247	0.0089	0.0057							
4937	283.6	-145.6	-2019.0	69.0	770.5	-265.4	0.0247	0.0089	0.0057							
4938	281.9	-147.6	-2154.7	70.4	713.4	-290.0	0.0247	0.0089	0.0057							
4939	270.1	-152.3	-2280.9	64.1	661.0	-318.7	0.0247	0.0089	0.0055							
4940	258.6	-162.1	-2414.7	63.8	609.8	-345.9	0.0247	0.0089	0.0055							
4941	277.7	-166.4	-2560.0	54.3	553.8	-369.2	0.0247	0.0089	0.0055							
4942	291.6	-172.3	-2712.2	42.5	466.5	-388.6	0.0247	0.0089	0.0055							
4943	303.0	-177.9	-2851.6	33.3	363.2	-400.3	0.0247	0.0089	0.0055							
4944	313.7	-181.8	-2977.8	28.3	243.8	-408.8	0.0247	0.0089	0.0055							
4945	785.0	59.0	-156.1	50.4	1093.7	-126.1	0.0205	0.0260	0.0244	73.58	57.83	61.61	0.00	-1.43	-2.40	0.0
4946	715.9	-21.0	-657.7	41.6	829.1	-99.8	0.0202	0.0089	0.0140							
4947	610.2	-69.2	-897.5	39.9	777.9	-116.0	0.0202	0.0089	0.0140							
4948	525.2	-105.0	-1090.0	41.6	777.9	-136.1	0.0202	0.0089	0.0140							
4949	464.6	-131.9	-1270.4	45.6	789.2	-156.2	0.0202	0.0089	0.0140							
4950	424.0	-149.8	-1446.3	50.2	794.4	-175.7	0.0202	0.0089	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4951	396.9	-158.5	-1614.1	54.2	786.1	-194.7	0.0089	0.0089	0.0140							
4952	375.9	-160.4	-1769.3	57.0	763.8	-213.5	0.0247	0.0089	0.0057							
4953	360.1	-158.9	-1911.6	58.5	728.0	-232.7	0.0247	0.0089	0.0057							
4954	341.8	-158.2	-2044.5	58.6	683.6	-252.3	0.0247	0.0089	0.0057							
4955	328.8	-155.6	-2172.9	56.5	633.7	-273.1	0.0247	0.0089	0.0038							
4956	322.2	-153.0	-2300.8	52.3	575.4	-293.4	0.0247	0.0089	0.0038							
4957	317.8	-153.3	-2428.5	46.2	506.0	-311.6	0.0247	0.0089	0.0038							
4958	321.7	-153.3	-2553.3	38.3	423.6	-327.4	0.0247	0.0089	0.0038							
4959	325.4	-154.1	-2671.3	30.1	323.1	-339.9	0.0247	0.0089	0.0038							
4960	327.0	-154.5	-2774.9	22.4	207.3	-349.7	0.0247	0.0089	0.0038							
4961	776.6	52.9	-187.2	59.3	1088.7	-160.9	0.0206	0.0259	0.0244	72.22	57.34	60.82	0.00	-1.41	-2.41	0.0
4962	708.3	-22.5	-674.1	48.7	825.3	-126.0	0.0202	0.0089	0.0140							
4963	604.6	-69.7	-910.0	48.2	773.4	-140.5	0.0202	0.0089	0.0140							
4964	521.0	-106.2	-1098.7	50.9	772.3	-161.4	0.0202	0.0089	0.0140							
4965	461.2	-133.8	-1275.0	55.7	782.3	-183.0	0.0202	0.0089	0.0140							
4966	420.9	-151.8	-1446.5	60.8	786.1	-204.1	0.0202	0.0089	0.0140							
4967	393.8	-160.2	-1609.8	64.7	776.7	-224.6	0.0089	0.0089	0.0140							
4968	372.8	-162.3	-1760.8	67.2	753.5	-244.8	0.0247	0.0089	0.0057							
4969	356.8	-161.7	-1899.1	67.9	717.0	-264.7	0.0247	0.0089	0.0057							
4970	338.8	-161.9	-2028.0	67.2	672.0	-285.2	0.0247	0.0089	0.0057							
4971	325.0	-161.7	-2151.8	66.0	621.8	-306.5	0.0247	0.0089	0.0038							
4972	317.7	-160.6	-2274.4	60.1	564.3	-328.1	0.0247	0.0089	0.0038							
4973	313.6	-161.0	-2397.6	53.0	496.6	-347.8	0.0247	0.0089	0.0038							
4974	317.2	-162.0	-2519.5	44.2	416.1	-364.0	0.0247	0.0089	0.0038							
4975	321.4	-163.1	-2635.1	35.4	317.6	-377.4	0.0247	0.0089	0.0038							
4976	323.5	-163.3	-2736.9	26.9	203.8	-388.4	0.0247	0.0089	0.0038							
4977	-1672.1	-805.1	-9752.9	-67.9	437.6	161.6	0.0331	0.0462	0.0055				-0.80	-1.65	-9.78	
4978	-1675.5	-933.7	-10005.4	-94.8	429.1	235.1	0.0331	0.0462	0.0055				-0.92	-1.66	-10.03	
4979	-1721.1	-1058.9	-10319.2	15.7	330.4	273.8	0.0331	0.0462	0.0055				-1.05	-1.71	-10.34	
4980	-1887.4	-1110.8	-10826.8	120.9	230.0	231.0	0.0331	0.0462	0.0055				-1.09	-1.90	-10.84	
4981	-2012.2	-1238.0	-11443.2	139.7	176.9	146.0	0.0331	0.0462	0.0055				-1.21	-2.03	-11.45	
4982	-1945.3	-1638.0	-12331.8	176.5	-234.6	-164.5	0.0331	0.0462	0.0055				-1.55	-2.02	-12.34	
4983	-2117.6	-2305.7	-14943.3	199.0	-1445.4	-366.5	0.0331	0.0462	0.0055				-1.83	-2.42	-15.11	
4984	-7372.7	-2534.0	-9681.1	-633.6	-7174.7	-1065.7	0.0331	0.0462	0.0057				-1.22	-2.46	-15.91	
4985	-3994.8	-1233.7	-3566.3	-278.0	-2054.5	-429.9	0.0331	0.0462	0.0057				-1.15	-1.75	-5.90	
4986	-2512.1	-974.0	-3050.7	75.9	-1274.4	-372.9	0.0331	0.0462	0.0057				-0.82	-1.61	-4.10	
4987	-1466.6	-584.8	-1459.6	147.2	-1344.4	-312.5	0.0331	0.0462	0.0057	1.49	1.07	8.71	0.00	-0.80	-2.86	0.0
4988	-587.0	-284.7	-439.0	203.7	-494.7	-75.4	0.0331	0.0462	0.0022	2.63	1.88	38.97	0.00	-0.46	-1.12	0.0
4989	-169.0	-186.8	-239.7	198.6	-194.6	34.5	0.0331	0.0462	0.0022	2.23	1.60	33.10	0.00	-0.25	-0.56	0.0
4990	17.3	-146.0	-146.5	174.1	-23.8	57.2	0.0331	0.0462	0.0022	3.88	2.78	57.44	0.00	-0.25	-0.41	0.0
4991	64.1	-135.0	-77.6	135.5	85.7	73.0	0.0331	0.0462	0.0022	5.43	3.89	80.40	0.00	-0.30	-0.39	0.0
4992	29.9	-135.4	61.9	85.3	111.4	70.6	0.0331	0.0462	0.0022	5.88	4.21	87.16	0.00	-0.26	-0.37	0.0
4993	-1160.1	-1185.6	-5586.5	61.6	582.0	-2336.6	0.0331	0.0462	0.0055				-0.15	-1.13	-6.65	
4994	-1569.1	-1305.8	-7567.5	18.5	1686.0	-1179.8	0.0331	0.0462	0.0055				-0.84	-1.40	-8.20	
4995	-1317.2	-1339.7	-9355.7	17.9	281.3	-315.1	0.0331	0.0462	0.0055				-1.31	-1.33	-9.38	
4996	-1673.9	-1377.8	-8133.3	28.2	-1260.3	-1424.3	0.0331	0.0462	0.0055				-0.94	-1.60	-8.64	
4997	-1400.3	-1335.5	-6945.3	-56.1	-228.1	-2537.7	0.0331	0.0462	0.0055				-0.36	-1.39	-7.93	
4998	-1669.9	-1767.7	-10435.2	-23.1	1305.2	-1432.4	0.0331	0.0462	0.0055				-1.28	-1.74	-10.85	
4999	-2134.2	-2242.2	-15255.1	138.7	-1602.4	-644.2	0.0331	0.0462	0.0055				-1.82	-2.33	-15.48	
5000	-7312.3	-2456.5	-9737.2	-1005.6	-7381.8	-1588.2	0.0331	0.0462	0.0057				-0.99	-2.26	-16.26	
5001	-3855.4	-1135.1	-3345.1	-434.0	-2060.4	-603.8	0.0331	0.0462	0.0057				-0.97	-1.57	-5.79	
5002	-2423.9	-870.0	-2790.5	-144.9	-1192.5	-292.0	0.0331	0.0462	0.0057				-0.83	-1.41	-3.85	
5003	-1480.5	-601.0	-1873.5	121.6	-998.0	47.7	0.0331	0.0462	0.0057				-0.56	-0.70	-2.70	
5004	-732.7	-336.7	-782.3	194.3	-740.2	113.5	0.0331	0.0462	0.0022				0.00	-0.31	-1.54	
5005	-219.7	-192.3	-267.2	210.6	-220.6	25.4	0.0331	0.0462	0.0022	2.10	1.50	31.11	0.00	-0.27	-0.62	0.0
5006	-19.4	-145.7	-157.7	196.4	-33.3	61.4	0.0331	0.0462	0.0022	3.75	2.68	55.52	0.00	-0.25	-0.44	0.0
5007	38.8	-136.9	-79.7	157.9	82.1	82.8	0.0331	0.0462	0.0022	5.46	3.91	80.90	0.00	-0.30	-0.42	0.0
5008	16.0	-140.5	64.8	104.0	111.3	77.6	0.0331	0.0462	0.0022	6.08	4.35	90.03	0.00	-0.27	-0.40	0.0
5009	-569.0	-293.4	-2053.9	-16.0	821.1	-298.9	0.0331	0.0462	0.0055				-0.09	-0.37	-2.45	
5010	-1538.3	-1064.1	-6172.3	87.3	3128.0	-122.0	0.0331	0.0462	0.0055	1.14	0.82	6.95	0.00	-1.10	-7.79	0.0
5011	-1109.3	-1563.3	-9580.1	-11.7	272.0	-240.9	0.0331	0.0462	0.0055				-1.10	-1.56	-9.60	
5012	-1553.9	-1138.7	-6432.7	-115.8	-2486.6	-278.1	0.0331	0.0462	0.0055				-0.51	-1.12	-7.49	
5013	-1074.4	-962.5	-5667.2	23.8	1048.9	1436.3	0.0331	0.0462	0.0055				-0.38	-1.06	-6.27	
5014	-1608.0	-1819.6	-11074.8	354.7	1103.0	1227.5	0.0331	0.0462	0.0055				-1.08	-2.08	-11.35	
5015	-4130.2	-2867.1	-12018.7	-938.8	-3669.5	-3110.9	0.0331	0.0462	0.0055				-1.88	-2.77	-14.37	
5016	-5194.9	-2366.6	-6408.2	-1658.0	-4589.6	-3543.9	0.0331	0.0462	0.0057				0.00	-2.04	-11.93	
5017	-3271.2	-1135.3	-3207.6	-646.6	-1553.5	-819.0	0.0331	0.0462	0.0057				-0.84	-1.70	-5.07	
5018	-2259.8	-846.2	-2779.2	-214.4	-1114.8	-401.1	0.0331	0.0462	0.0057				-0.77	-1.39	-3.73	
5019	-1438.6	-587.0	-1889.9	54.4	-957.3	-531.1	0.0331	0.0462	0.0057				-0.22	-0.97	-2.72	
5020	-752.6	-336.2	-837.1	153.3	-721.5	-423.9	0.0331	0.0462	0.0057	6.88	4.93	40.23	0.00	-0.83	-1.78	0.0
5021	-273.3	-180.3	-302.6	226.1	-243.5	-30.9	0.0331	0.0462	0.0022	2.88	2.06	42.68	0.00	-0.36	-0.68	0.0
5022	-63.3	-140.2	-169.4	217.5	-44.1	63.1	0.0331	0.0462	0.0022	3.61	2.58	53.42	0.00	-0.26	-0.47	0.0
5023	7.1	-135.6	-81.9	179.9	77.3	91.7	0.0331	0.0462	0.0022	5.45	3.91	80.80	0.00	-0.31	-0.45	0.0
5024	-2.4	-143.8	68.1	123.7	111.6	85.0	0.0331	0.0462	0.0022	6.29	4.51	93.22	0.00	-0.28	-0.43	0.0
5025	-642.1	-185.4	-2117.7	-15.0	979.4	61.8	0.0331	0.0462	0.0055				-0.15	-0.19	-2.61	
5026	-1568.9	-1061.8	-6370.3	40.6	3370.5	150.0	0.0331	0.0462	0.0055	5.36	3.84	32.51	0.00	-1.25	-8.29	0.0
5027	-1122.3	-1566.4	-9663.2	3.0	329.2	-110.8	0.0331	0.0462	0.0055				-1.11	-1.56	-9.68	
5028	-1521.1	-1177.8	-6882.0	-51.5	-2168.3	-133.6	0.0331	0.0462	0.0055				-0.75	-1.17	-7.65	
5029	-1392.3	-1287.9	-8642.6	64.5	2084.7	544.0	0.0331	0.0462	0.0055				-0.75	-1.34	-9.23	
5030	-1849.6	-1975.9	-13405.0	249.5	-1064.8	-413.3	0.0331	0.0462	0.0055				-1.55	-2.16	-13.52	
5031	-5975.2	-2347.0	-8642.5	-937.4	-5894.8	-1314.7	0.0331	0.0462	0.0057				-1.26	-2.12	-13.58	
5032	-3293.1	-1239.0	-3615.4	-464.2	-1583.6	-247.6	0.0331	0.0462	0.0057				-1.13	-1.91	-5.11	
5033	-2716.4	-1207.7	-3614.2	-403.1	-1106.7	-192.2	0.0331	0.0462	0.0057				-1.10	-2.03	-4.41	
5034	-2075.6	-916.2	-3084.3	-188.9	-1062.0	-195.2	0.0331	0.0462	0.0057				-0.89	-1.41	-3.78	
5035	-1367.9	-546.1	-1521.7	-47.8	-1283.3	-333.1	0.0331	0.0462	0.0057				-0.07	-0.60	-2.76	
5036	-650.8	-261.7	-550.2	153.4	-476.4	-137.0	0.0331	0.0462	0.0022	0.75	0.53	11.05	0.00	-0.43	-1.10	0.0
5037	-303.9	-162.1	-313.8	218.2	-225.9	-64.4	0.0331	0.0462	0.0022	2.72	1.95	40.26	0.00	-0.39	-0.66	0.0
5038	-109.4	-129.1	-179.8	230.2	-51.6	59.3	0.0331	0.0462	0.0022	3.36	2.41	49.76	0.00	-0.26	-0.49	0.0
5039	-30.4	-130.8	-83.4	199.7	71.4	98.7	0.0331	0.0462	0.0022	5.38	3.85	79.73	0.00	-0.31	-0.47	0.0
5040	-25.3	-142.6	72.9	144.9	110.1	91.4	0.0331	0.0462	0.0022	6.50	4.66	96.36	0.00	-0.28	-0.46	0.0
5041	-981.9	186.5	-6241.4	-82.9	462.2	649.6	0.0247	0.0357	0.0055							
5042	-957.2	49.6	-6684.2	-69.7	514.4	801.6	0.0247	0.0357	0.0055							
5043	-954.3	-89.4	-7138.2	106.4	441.9	863.7	0.0247	0.0357	0.0055							
5044	-1000.9	-154.2	-7555.5	284.2	398.7	692.2	0.0247	0.0357	0.0055							
5045	-934.5	-306.9	-8214.5	371.6	405.6	403.3	0.0247	0.0357	0.0055							
5046	-666.2	-670.0	-9237.4	419.6	-91.7	89.1	0.0247	0.0357	0.0055							
5047	-397.1	-824.9	-9050.6	384.5	-1613.3	-436.0	0.0247	0.0357	0.0055							
5048	-344.4	-681.1	-7688.5	250.7	-2546.5	-618.9	0.0247	0.0357	0.0057							
5049	-1970.8	-721.3	-5612.9	-122.7	-3204.6	-681.1	0.0247	0.0357	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5050	-1751.5	-470.6	-3426.8	-170.7	-2498.7	-506.0	0.0247	0.0357	0.0057							
5051	-1521.6	-337.7	-2177.1	-172.3	-1886.0	-322.5	0.0247	0.0357	0.0057							
5052	-1278.9	-217.0	-1310.7	-120.7	-1345.4	-188.9	0.0089	0.0357	0.0022							
5053	-890.5	-104.7	-778.7	-64.6	-820.5	-93.0	0.0089	0.0357	0.0022							
5054	-545.5	-38.1	-493.2	25.0	-460.7	51.2	0.0089	0.0357	0.0022							
5055	-267.9	11.4	-257.8	40.0	-221.7	99.4	0.0089	0.0357	0.0022							
5056	-63.7	57.8	72.6	35.0	-51.1	142.6	0.0097	0.0455	0.0127	21.57	4.59	16.42	0.00	-0.22	-0.34	0.0
5057	-1279.1	-313.6	-6246.8	-129.0	688.0	-391.7	0.0247	0.0357	0.0055							
5058	-905.9	-410.9	-6909.0	-200.1	682.9	-252.7	0.0247	0.0357	0.0055							
5059	-733.4	-511.8	-7402.4	72.0	420.9	-230.1	0.0247	0.0357	0.0055							
5060	-940.0	-633.0	-7804.4	299.6	253.1	-280.5	0.0247	0.0357	0.0055							
5061	-1217.4	-915.7	-8507.8	230.4	260.4	-277.1	0.0247	0.0357	0.0055							
5062	-757.4	-972.8	-9103.9	225.0	-409.9	-502.8	0.0247	0.0357	0.0055							
5063	-380.1	-663.9	-8499.5	282.4	-1662.2	-937.1	0.0247	0.0357	0.0055							
5064	-317.5	-508.2	-7245.6	103.5	-2391.7	-1008.6	0.0247	0.0357	0.0057							
5065	-1911.1	-694.7	-5384.8	-284.6	-3058.1	-928.7	0.0247	0.0357	0.0057							
5066	-1712.8	-478.2	-3373.7	-273.6	-2358.5	-643.9	0.0247	0.0357	0.0057							
5067	-1436.2	-298.7	-2164.2	-228.9	-1837.1	-452.1	0.0247	0.0357	0.0057							
5068	-1195.3	-167.5	-1347.5	-152.1	-1307.6	-280.5	0.0089	0.0357	0.0022							
5069	-893.5	-94.2	-832.6	-89.6	-849.0	-130.7	0.0089	0.0357	0.0022							
5070	-555.8	-32.6	-515.5	-39.0	-486.2	-41.8	0.0089	0.0357	0.0022							
5071	-279.1	16.2	-265.7	33.9	-245.8	98.1	0.0089	0.0357	0.0022							
5072	-69.9	59.8	70.9	35.0	-73.3	152.2	0.0102	0.0450	0.0127	21.74	4.90	17.37	0.00	-0.22	-0.38	0.0
5073	-1547.0	-971.0	-5530.6	-53.1	891.8	-531.3	0.0247	0.0357	0.0055							
5074	-771.2	-843.3	-6373.8	-101.0	855.5	-381.1	0.0247	0.0357	0.0055							
5075	-431.2	-759.2	-6936.3	36.8	473.1	-260.2	0.0247	0.0357	0.0055							
5076	-887.0	-1026.8	-7612.3	91.0	315.8	-232.4	0.0247	0.0357	0.0055							
5077	-1249.0	-1260.0	-8279.1	131.8	-101.1	-439.5	0.0247	0.0357	0.0055							
5078	-589.2	-1003.3	-8380.6	427.6	-674.9	-776.9	0.0247	0.0357	0.0055							
5079	-203.3	-662.9	-7911.6	629.0	-1586.7	-933.9	0.0247	0.0357	0.0055							
5080	-912.4	-807.4	-6770.4	-60.6	-2452.5	-1101.7	0.0247	0.0357	0.0057							
5081	-1680.7	-812.3	-4932.6	-412.3	-2671.7	-1086.5	0.0247	0.0357	0.0057							
5082	-1537.6	-521.2	-3273.7	-311.4	-2181.1	-755.0	0.0247	0.0357	0.0057							
5083	-1341.4	-308.3	-2161.9	-235.1	-1744.6	-522.5	0.0247	0.0357	0.0057							
5084	-1134.3	-190.1	-1389.9	-208.6	-1274.7	-324.3	0.0089	0.0357	0.0022							
5085	-867.2	-108.1	-876.7	-141.8	-856.2	-188.1	0.0089	0.0357	0.0022							
5086	-556.1	-35.1	-542.3	-63.0	-510.7	-63.7	0.0089	0.0357	0.0022							
5087	-288.0	18.6	-275.9	23.8	-273.1	92.4	0.0089	0.0357	0.0022							
5088	-76.7	61.3	67.2	33.5	-99.7	159.6	0.0107	0.0444	0.0127	21.62	5.22	18.25	0.00	-0.23	-0.41	0.0
5089	-1567.2	-904.2	-5182.9	24.8	936.5	-72.3	0.0247	0.0357	0.0055							
5090	-731.6	-801.1	-6144.3	54.0	950.7	-91.6	0.0247	0.0357	0.0055							
5091	-379.0	-752.3	-6925.8	75.3	605.8	-83.0	0.0247	0.0357	0.0055							
5092	-847.2	-934.8	-7886.4	68.6	414.4	113.9	0.0247	0.0357	0.0055							
5093	-934.9	-849.1	-8262.5	251.8	-445.8	-153.6	0.0247	0.0357	0.0055							
5094	-381.4	-628.9	-7876.8	384.0	-977.1	-535.6	0.0247	0.0357	0.0055							
5095	-210.4	-802.4	-7539.4	345.9	-1587.6	-1022.9	0.0247	0.0357	0.0057							
5096	-1517.4	-1131.1	-6313.1	-257.3	-2535.7	-1253.4	0.0247	0.0357	0.0057							
5097	-1428.8	-776.6	-4509.7	-301.1	-2255.0	-955.7	0.0247	0.0357	0.0057							
5098	-1314.4	-523.9	-3189.3	-263.0	-2040.5	-751.1	0.0247	0.0357	0.0057							
5099	-1253.6	-364.6	-2193.0	-226.0	-1642.7	-576.8	0.0247	0.0357	0.0057							
5100	-1118.7	-257.7	-1432.7	-214.7	-1264.8	-412.6	0.0247	0.0357	0.0022							
5101	-824.2	-131.5	-900.4	-151.1	-843.5	-221.6	0.0089	0.0357	0.0022							
5102	-544.0	-45.9	-569.2	-79.8	-529.3	-85.6	0.0089	0.0357	0.0022							
5103	-292.3	16.0	-288.6	-23.6	-302.4	84.6	0.0089	0.0357	0.0022							
5104	-83.1	61.5	61.1	31.9	-130.7	164.8	0.0114	0.0438	0.0127	21.33	5.55	19.12	0.00	-0.23	-0.46	0.0
5105	-653.3	-205.2	-5544.9	13.6	422.3	428.8	0.0247	0.0179	0.0055							
5106	-590.5	-235.9	-5887.8	81.4	431.5	411.1	0.0247	0.0179	0.0055							
5107	-495.9	-277.8	-6293.3	186.1	406.1	358.0	0.0247	0.0179	0.0055							
5108	-348.3	-353.8	-6763.0	290.5	282.0	266.2	0.0247	0.0179	0.0055							
5109	-102.2	-440.4	-7247.2	380.6	-83.0	96.9	0.0247	0.0179	0.0055							
5110	171.0	-427.5	-7355.4	402.9	-634.3	-252.1	0.0247	0.0179	0.0055							
5111	76.3	-390.5	-6912.6	293.1	-1227.9	-420.6	0.0247	0.0179	0.0055							
5112	-341.1	-378.8	-5979.5	139.9	-1732.9	-510.0	0.0247	0.0179	0.0057							
5113	-467.3	-278.0	-4770.6	40.5	-2075.3	-514.6	0.0247	0.0179	0.0057							
5114	-861.9	-220.1	-3609.9	-111.3	-2162.8	-462.6	0.0247	0.0179	0.0057							
5115	-944.4	-129.1	-2581.2	-132.3	-1890.7	-370.6	0.0089	0.0179	0.0022							
5116	-865.9	-58.2	-1841.8	-126.1	-1530.4	-273.5	0.0089	0.0179	0.0022							
5117	-716.7	-3.0	-1314.0	-101.4	-1173.1	-182.9	0.0089	0.0179	0.0022							
5118	-508.0	50.4	-922.0	-70.7	-845.7	-106.0	0.0089	0.0179	0.0022							
5119	-293.3	98.4	-593.0	-44.4	-560.9	82.9	0.0089	0.0179	0.0022							
5120	-99.5	143.6	-261.7	-26.5	-277.9	165.4	0.0096	0.0276	0.0127	26.86	9.36	20.37	0.00	-0.24	-0.75	0.0
5121	-646.8	-201.7	-5864.4	33.3	395.0	227.8	0.0247	0.0179	0.0055							
5122	-547.1	-210.5	-6189.5	93.7	396.5	198.0	0.0247	0.0179	0.0055							
5123	-450.1	-254.2	-6591.3	156.8	339.0	155.1	0.0247	0.0179	0.0055							
5124	-312.3	-328.7	-7049.5	211.2	190.6	94.7	0.0247	0.0179	0.0055							
5125	-11.8	-324.9	-7357.0	323.3	-276.4	-181.2	0.0247	0.0179	0.0055							
5126	136.1	-305.7	-7262.3	369.0	-801.1	-400.4	0.0247	0.0179	0.0055							
5127	-42.3	-374.3	-6721.3	229.8	-1304.3	-557.5	0.0247	0.0179	0.0055							
5128	-414.5	-379.3	-5784.8	92.7	-1716.8	-644.4	0.0247	0.0179	0.0057							
5129	-473.4	-258.9	-4647.1	-60.5	-1990.2	-654.0	0.0247	0.0179	0.0057							
5130	-816.1	-209.0	-3559.4	-153.6	-2085.0	-597.6	0.0247	0.0179	0.0057							
5131	-901.1	-134.4	-2581.4	-175.6	-1835.9	-475.3	0.0247	0.0179	0.0057							
5132	-831.8	-67.5	-1863.6	-166.8	-1504.7	-348.2	0.0089	0.0179	0.0022							
5133	-681.2	-1.5	-1341.8	-132.1	-1168.1	-235.7	0.0089	0.0179	0.0022							
5134	-492.2	53.1	-948.7	-92.1	-860.9	-137.4	0.0089	0.0179	0.0022							
5135	-288.7	101.5	-613.9	-58.9	-584.3	69.3	0.0089	0.0179	0.0022							
5136	-100.2	145.7	-285.2	-35.5	-307.1	173.2	0.0101	0.0272	0.0127	27.62	10.24	21.92	0.00	-0.26	-0.81	0.0
5137	-626.9	-346.7	-5841.1	44.6	348.3	-110.9	0.0247	0.0179	0.0055							
5138	-514.0	-363.7	-6152.7	81.4	352.0	-169.6	0.0247	0.0179	0.0055							
5139	-414.8	-417.9	-6595.7	134.3	293.4	-233.4	0.0247	0.0179	0.0055							
5140	-232.5	-436.3	-7070.0	231.4	99.6	-325.7	0.0247	0.0179	0.0055							
5141	65.2	-366.4	-7231.0	349.1	-408.8	-481.8	0.0247	0.0179	0.0055							
5142	43.6	-362.9	-7015.0	285.9	-917.5	-639.8	0.0247	0.0179	0.0055							
5143	-170.4	-410.7	-6430.4	87.4	-1302.0	-715.1	0.0247	0.0179	0.0055							
5144	-322.3	-321.7	-5523.9	64.3	-1660.8	-745.6	0.0247	0.0179	0.0057							
5145	-510.9	-252.0	-4497.5	-82.3	-1939.4	-764.4	0.0247	0.0179	0.0057							
5146	-764.8	-212.4	-3465.4	-193.9	-1976.4	-703.5	0.0247	0.0179	0.0057							
5147	-832.0	-144.9	-2567.0	-220.0	-1761.5	-560.5	0.0247	0.0179	0.0057							
5148	-773.6	-69.4	-1884.1	-191.7	-1467.9	-418.0	0.0089	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5149	-639.8	-2.5	-1374.4	-154.4	-1161.4	-286.2	0.0089	0.0179	0.0022							
5150	-468.8	52.5	-980.3	-114.0	-875.2	-171.6	0.0089	0.0179	0.0022							
5151	-280.2	102.4	-642.1	-75.1	-610.4	-62.8	0.0089	0.0179	0.0022							
5152	-100.1	146.9	-317.7	-46.2	-342.0	177.8	0.0106	0.0266	0.0127	28.08	11.21	23.50	0.00	-0.28	-0.89	0.0
5153	-608.5	-399.6	-5797.8	69.8	315.3	-281.8	0.0247	0.0179	0.0055							
5154	-473.6	-382.6	-6127.4	101.1	295.4	-330.7	0.0247	0.0179	0.0055							
5155	-341.1	-379.9	-6612.1	151.6	203.3	-424.7	0.0247	0.0179	0.0055							
5156	-82.1	-334.3	-7001.6	241.3	-114.1	-563.4	0.0247	0.0179	0.0055							
5157	115.5	-315.5	-7027.4	306.4	-516.8	-724.9	0.0247	0.0179	0.0055							
5158	-57.3	-366.7	-6755.4	260.6	-929.5	-833.5	0.0247	0.0179	0.0055							
5159	-250.8	-328.1	-6113.5	115.8	-1231.1	-838.0	0.0247	0.0179	0.0057							
5160	-219.0	-228.0	-5253.2	50.8	-1583.4	-868.7	0.0247	0.0179	0.0057							
5161	-537.0	-257.8	-4324.0	-143.6	-1883.7	-887.9	0.0247	0.0179	0.0057							
5162	-707.2	-207.9	-3354.7	-222.7	-1848.7	-785.0	0.0247	0.0179	0.0057							
5163	-745.2	-138.5	-2546.2	-243.2	-1674.5	-633.2	0.0247	0.0179	0.0057							
5164	-692.6	-64.9	-1908.2	-217.5	-1422.8	-476.8	0.0089	0.0179	0.0022							
5165	-593.8	-8.2	-1413.5	-180.9	-1155.1	-337.1	0.0089	0.0179	0.0022							
5166	-439.0	49.2	-1017.0	-134.9	-888.4	-204.9	0.0089	0.0179	0.0022							
5167	-267.2	100.3	-678.3	-92.2	-638.5	-78.2	0.0089	0.0179	0.0022							
5168	-98.8	147.0	-360.7	-57.9	-381.7	178.9	0.0113	0.0260	0.0127	28.25	12.23	25.04	0.00	-0.30	-0.97	0.0
5169	-388.3	-365.0	-5757.9	47.7	328.5	113.9	0.0247	0.0179	0.0055							
5170	-316.7	-383.5	-5993.7	94.6	282.5	88.3	0.0247	0.0179	0.0055							
5171	-208.4	-393.8	-6277.1	156.2	147.5	-86.2	0.0247	0.0179	0.0055							
5172	-71.0	-387.6	-6572.1	197.1	-121.3	-188.5	0.0247	0.0179	0.0055							
5173	68.9	-378.8	-6713.6	217.0	-453.8	-276.8	0.0247	0.0179	0.0055							
5174	133.4	-392.1	-6655.4	218.7	-775.4	-316.6	0.0247	0.0179	0.0055							
5175	130.5	-328.8	-5930.8	152.6	-748.7	-338.3	0.0247	0.0179	0.0055							
5176	-11.6	-202.4	-4793.7	73.3	-1370.4	-442.5	0.0247	0.0179	0.0057							
5177	-226.6	-155.2	-4059.8	-38.4	-1690.8	-463.2	0.0247	0.0179	0.0057							
5178	-359.9	-101.1	-3338.1	-82.4	-1770.6	-431.9	0.0247	0.0179	0.0057							
5179	-480.1	-56.8	-2677.6	-109.6	-1699.5	-373.5	0.0089	0.0179	0.0022							
5180	-513.5	-11.4	-2109.0	-113.8	-1509.9	-301.1	0.0089	0.0179	0.0022							
5181	-469.2	31.0	-1653.7	-103.4	-1269.1	-227.0	0.0089	0.0179	0.0022							
5182	-379.2	68.1	-1292.3	-85.3	-1010.8	-153.5	0.0089	0.0179	0.0022							
5183	-260.7	102.0	-1003.0	-63.5	-738.5	-78.2	0.0089	0.0179	0.0022							
5184	-123.5	134.2	-784.3	-37.7	-440.4	157.2	0.0096	0.0277	0.0127	23.82	8.26	17.99	0.00	-0.21	-1.25	0.0
5185	-295.3	-259.3	-5444.9	51.8	289.3	383.7	0.0247	0.0179	0.0055							
5186	-224.8	-303.7	-5909.3	83.7	74.9	192.9	0.0247	0.0179	0.0055							
5187	-108.6	-315.5	-6177.6	166.8	232.0	142.6	0.0247	0.0179	0.0055							
5188	8.0	-287.1	-6154.6	204.0	-215.9	189.9	0.0247	0.0179	0.0055							
5189	93.3	-322.5	-6418.7	190.5	-668.2	-194.5	0.0247	0.0179	0.0055							
5190	129.1	-341.5	-6529.0	176.9	-803.1	-429.0	0.0247	0.0179	0.0055							
5191	98.8	-252.8	-5790.0	123.6	-781.2	-467.2	0.0247	0.0179	0.0055							
5192	-30.9	-154.5	-4689.8	44.1	-1368.1	-545.3	0.0247	0.0179	0.0057							
5193	-227.7	-129.1	-3987.3	-63.6	-1648.8	-568.8	0.0247	0.0179	0.0057							
5194	-343.5	-85.7	-3296.0	-108.5	-1715.4	-530.1	0.0247	0.0179	0.0057							
5195	-448.0	-47.8	-2666.8	-136.3	-1652.3	-459.9	0.0089	0.0179	0.0022							
5196	-478.7	-6.8	-2119.1	-138.7	-1480.7	-372.6	0.0089	0.0179	0.0022							
5197	-442.9	31.2	-1674.4	-126.6	-1257.4	-281.0	0.0089	0.0179	0.0022							
5198	-360.3	67.9	-1318.4	-105.5	-1012.7	-188.9	0.0089	0.0179	0.0022							
5199	-251.2	102.6	-1034.4	-79.5	-752.8	-93.7	0.0089	0.0179	0.0022							
5200	-122.4	136.7	-822.5	-48.2	-467.1	159.9	0.0100	0.0273	0.0127	24.51	9.02	19.34	0.00	-0.23	-1.31	0.0
5201	-206.5	-193.3	-5047.9	69.8	239.2	-198.5	0.0247	0.0179	0.0055							
5202	-134.1	-257.8	-5737.2	101.0	-234.0	-264.7	0.0247	0.0179	0.0055							
5203	-5.7	-264.8	-6013.3	153.3	284.9	-340.8	0.0247	0.0179	0.0055							
5204	83.5	-224.8	-5661.5	174.7	-275.9	-469.1	0.0247	0.0179	0.0055							
5205	125.1	-284.3	-6052.7	189.2	-880.0	-566.0	0.0247	0.0179	0.0055							
5206	160.3	-283.1	-6204.3	189.7	-689.8	-425.7	0.0247	0.0179	0.0055							
5207	92.2	-193.1	-5383.6	103.4	-927.7	-461.9	0.0247	0.0179	0.0057							
5208	-55.1	-144.6	-4549.2	-36.6	-1362.0	-666.7	0.0247	0.0179	0.0057							
5209	-201.1	-114.1	-3885.1	-94.7	-1586.8	-673.8	0.0247	0.0179	0.0057							
5210	-316.3	-79.3	-3244.3	-135.1	-1652.3	-624.1	0.0247	0.0179	0.0057							
5211	-407.2	-45.5	-2649.2	-161.0	-1595.0	-544.0	0.0247	0.0179	0.0057							
5212	-436.2	-9.5	-2129.4	-165.9	-1442.8	-441.9	0.0089	0.0179	0.0022							
5213	-407.7	27.8	-1700.4	-151.2	-1240.3	-333.7	0.0089	0.0179	0.0022							
5214	-336.1	65.3	-1353.5	-126.4	-1013.3	-224.0	0.0089	0.0179	0.0022							
5215	-238.5	101.5	-1077.1	-96.7	-768.6	-110.8	0.0089	0.0179	0.0022							
5216	-120.4	138.6	-873.8	-60.4	-499.0	158.4	0.0105	0.0267	0.0127	24.96	9.85	20.71	0.00	-0.25	-1.40	0.0
5217	-177.2	-112.5	-5086.2	80.2	172.1	-465.9	0.0247	0.0179	0.0055							
5218	-101.2	-198.4	-5829.9	105.0	-372.9	-607.0	0.0247	0.0179	0.0055							
5219	17.9	-211.3	-6096.5	140.1	199.4	-687.6	0.0247	0.0179	0.0055							
5220	50.9	-191.7	-5956.6	138.9	-550.5	-981.2	0.0247	0.0179	0.0055							
5221	104.3	-253.2	-6387.6	184.7	-717.5	-1073.5	0.0247	0.0179	0.0055							
5222	160.3	-212.8	-5929.0	163.3	-433.3	-802.0	0.0247	0.0179	0.0055							
5223	71.6	-146.3	-4927.2	63.9	-1028.1	-786.5	0.0247	0.0179	0.0057							
5224	-70.9	-136.7	-4366.1	-57.4	-1335.1	-782.7	0.0247	0.0179	0.0057							
5225	-163.5	-99.3	-3763.4	-114.4	-1508.4	-768.6	0.0247	0.0179	0.0057							
5226	-277.8	-78.8	-3180.2	-162.3	-1578.0	-711.4	0.0247	0.0179	0.0057							
5227	-357.6	-50.2	-2625.4	-186.5	-1527.7	-618.1	0.0247	0.0179	0.0022							
5228	-386.9	-16.7	-2139.1	-189.4	-1396.1	-504.9	0.0089	0.0179	0.0022							
5229	-363.5	22.1	-1731.7	-173.2	-1216.5	-383.1	0.0089	0.0179	0.0022							
5230	-306.1	59.7	-1398.5	-147.4	-1011.3	-258.8	0.0089	0.0179	0.0022							
5231	-222.1	98.1	-1132.4	-114.7	-784.9	-129.0	0.0089	0.0179	0.0022							
5232	-117.1	139.5	-939.4	-74.4	-534.5	152.0	0.0111	0.0261	0.0127	25.15	10.72	22.06	0.00	-0.27	-1.49	0.0
5233	262.9	-184.4	-3000.4	53.6	230.5	-245.2	0.0247	0.0179	0.0055							
5234	304.5	-171.0	-3194.9	81.2	122.7	-276.3	0.0247	0.0179	0.0055							
5235	370.6	-160.8	-3355.3	87.5	-128.4	-321.5	0.0247	0.0179	0.0055							
5236	433.5	-147.6	-3437.3	95.8	-332.5	-384.5	0.0247	0.0179	0.0055							
5237	440.3	-111.7	-3456.0	81.4	-577.7	-409.4	0.0247	0.0179	0.0055							
5238	385.2	-54.8	-3366.5	45.5	-752.5	-378.7	0.0247	0.0179	0.0055							
5239	335.2	-80.4	-3733.5	47.6	-631.1	-361.4	0.0247	0.0179	0.0055							
5240	185.5	-124.2	-3896.3	18.2	-1177.0	-437.1	0.0247	0.0179	0.0057							
5241	34.1	-96.1	-3523.0	-51.0	-1428.6	-439.1	0.0247	0.0179	0.0057							
5242	-119.1	-68.6	-3075.4	-81.0	-1523.3	-410.5	0.0247	0.0179	0.0057							
5243	-227.8	-39.6	-2627.0	-97.6	-1501.5	-364.0	0.0089	0.0179	0.0022							
5244	-293.5	-13.2	-2220.7	-102.8	-1398.5	-307.0	0.0089	0.0179	0.0022							
5245	-312.1	11.4	-1875.0	-97.6	-1236.3	-244.1	0.0089	0.0179	0.0022							
5246	-288.4	34.5	-1599.7	-84.5	-1034.2	-178.4	0.0089	0.0179	0.0022							
5247	-230.5	56.3	-1401.2	-64.6	-802.8	-111.0	0.0089	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5248	-139.6	78.3	-1291.4	-37.1	-548.2	129.5	0.0096	0.0277	0.0127	17.24	5.95	12.98	0.00	-0.16	-1.68	0.0
5249	237.8	-89.6	-3591.7	73.9	185.2	198.4	0.0247	0.0179	0.0055							
5250	271.4	-50.8	-3512.4	104.9	-152.5	-120.4	0.0247	0.0179	0.0055							
5251	335.7	-45.1	-3664.0	89.0	50.7	-163.2	0.0247	0.0179	0.0055							
5252	381.1	-64.5	-3932.6	106.3	-377.0	-86.1	0.0247	0.0179	0.0055							
5253	381.2	-24.0	-3682.1	106.0	-730.4	-289.4	0.0247	0.0179	0.0055							
5254	363.1	3.6	-3389.8	64.9	-736.9	-469.7	0.0247	0.0179	0.0055							
5255	320.3	-53.2	-3712.9	52.2	-643.4	-469.2	0.0247	0.0179	0.0055							
5256	175.4	-96.8	-3835.9	-15.0	-1163.5	-518.2	0.0247	0.0179	0.0057							
5257	37.3	-80.6	-3468.6	-59.8	-1387.3	-527.5	0.0247	0.0179	0.0057							
5258	-104.1	-61.5	-3041.5	-95.1	-1477.3	-496.0	0.0247	0.0179	0.0057							
5259	-205.7	-38.1	-2613.4	-115.2	-1459.6	-440.5	0.0089	0.0179	0.0022							
5260	-269.2	-14.8	-2224.6	-122.2	-1366.1	-371.4	0.0089	0.0179	0.0022							
5261	-289.7	9.0	-1892.3	-116.9	-1216.3	-294.4	0.0089	0.0179	0.0022							
5262	-271.8	32.5	-1626.8	-102.0	-1027.3	-213.3	0.0089	0.0179	0.0022							
5263	-220.8	56.4	-1435.8	-78.7	-809.2	-129.7	0.0089	0.0179	0.0022							
5264	-138.2	81.9	-1331.0	-46.0	-568.9	124.0	0.0100	0.0273	0.0127	17.78	6.49	13.95	0.00	-0.18	-1.74	0.0
5265	220.6	-20.6	-4127.5	79.2	129.9	-362.8	0.0247	0.0179	0.0055							
5266	243.4	44.7	-3773.2	105.7	-363.7	-423.9	0.0247	0.0179	0.0055							
5267	300.1	49.7	-3887.0	104.5	138.1	-479.6	0.0247	0.0179	0.0055							
5268	326.3	4.5	-4371.0	102.5	-393.3	-567.3	0.0247	0.0179	0.0055							
5269	318.0	48.2	-3849.5	57.1	-891.7	-608.2	0.0247	0.0179	0.0055							
5270	335.3	36.6	-3562.1	32.1	-597.2	-423.0	0.0247	0.0179	0.0055							
5271	280.4	-35.4	-3823.5	42.9	-772.0	-433.5	0.0247	0.0179	0.0057							
5272	167.5	-71.2	-3754.0	-23.7	-1144.2	-614.1	0.0247	0.0179	0.0057							
5273	38.8	-68.8	-3404.3	-74.4	-1341.4	-616.3	0.0247	0.0179	0.0057							
5274	-84.3	-57.1	-3000.4	-112.1	-1421.1	-577.5	0.0247	0.0179	0.0057							
5275	-178.8	-39.3	-2599.1	-134.1	-1409.0	-512.2	0.0089	0.0179	0.0022							
5276	-239.6	-18.4	-2232.1	-141.3	-1326.7	-432.1	0.0089	0.0179	0.0022							
5277	-262.7	4.5	-1916.9	-136.0	-1191.5	-342.6	0.0089	0.0179	0.0022							
5278	-251.2	29.0	-1664.4	-119.7	-1018.1	-247.7	0.0089	0.0179	0.0022							
5279	-208.6	55.6	-1483.0	-93.5	-816.1	-149.9	0.0089	0.0179	0.0022							
5280	-135.9	85.3	-1384.1	-56.6	-593.4	113.7	0.0105	0.0268	0.0127	18.17	7.09	14.96	0.00	-0.19	-1.82	0.0
5281	271.4	6.4	-4087.8	87.4	65.1	-601.4	0.0247	0.0179	0.0055							
5282	279.7	87.9	-3626.1	106.8	-479.2	-730.6	0.0247	0.0179	0.0055							
5283	333.7	87.2	-3685.1	109.3	87.3	-785.5	0.0247	0.0179	0.0055							
5284	348.6	55.3	-3822.2	93.5	-615.4	-1040.3	0.0247	0.0179	0.0055							
5285	341.8	100.6	-3303.1	11.1	-677.6	-1068.6	0.0247	0.0179	0.0055							
5286	345.2	38.7	-3622.2	-15.7	-336.5	-758.6	0.0247	0.0179	0.0055							
5287	256.9	-38.5	-3909.4	-15.6	-871.5	-724.5	0.0247	0.0179	0.0057							
5288	166.2	-57.7	-3655.7	-49.7	-1115.8	-710.6	0.0247	0.0179	0.0057							
5289	46.1	-65.1	-3326.1	-95.9	-1283.7	-702.5	0.0247	0.0179	0.0057							
5290	-59.5	-57.0	-2952.2	-130.4	-1354.5	-652.2	0.0247	0.0179	0.0057							
5291	-146.7	-43.4	-2583.1	-152.6	-1348.9	-578.3	0.0247	0.0179	0.0022							
5292	-204.8	-24.6	-2242.7	-160.2	-1279.4	-488.2	0.0089	0.0179	0.0022							
5293	-231.4	-2.5	-1948.7	-154.8	-1160.7	-387.8	0.0089	0.0179	0.0022							
5294	-226.5	23.7	-1712.4	-137.2	-1005.1	-281.2	0.0089	0.0179	0.0022							
5295	-193.4	53.4	-1542.9	-108.9	-822.5	-171.6	0.0089	0.0179	0.0022							
5296	-132.4	88.1	-1450.6	-69.1	-620.1	97.9	0.0110	0.0262	0.0127	18.39	7.73	15.97	0.00	-0.20	-1.90	0.0
5297	294.1	-280.5	-3216.0	45.5	153.8	-414.2	0.0247	0.0179	0.0055							
5298	311.7	-261.8	-3317.9	52.7	-79.1	-449.4	0.0247	0.0179	0.0055							
5299	332.0	-249.3	-3399.7	38.7	-225.9	-475.5	0.0247	0.0179	0.0055							
5300	335.9	-240.4	-3438.7	27.2	-409.3	-486.4	0.0247	0.0179	0.0055							
5301	301.3	-208.8	-3398.8	-14.3	-584.3	-494.9	0.0247	0.0179	0.0055							
5302	234.4	-171.0	-3369.9	-46.2	-689.5	-471.6	0.0247	0.0179	0.0055							
5303	234.4	-131.9	-3355.6	-41.2	-833.9	-442.7	0.0247	0.0179	0.0057							
5304	224.7	-109.3	-3294.6	-46.1	-1019.6	-430.4	0.0247	0.0179	0.0057							
5305	105.3	-97.6	-3117.5	-64.8	-1213.9	-418.7	0.0247	0.0179	0.0057							
5306	-16.8	-81.8	-2839.7	-80.6	-1310.8	-391.0	0.0247	0.0179	0.0057							
5307	-121.0	-66.6	-2542.9	-90.2	-1322.9	-351.4	0.0089	0.0179	0.0022							
5308	-193.9	-51.8	-2264.8	-92.2	-1265.3	-303.7	0.0089	0.0179	0.0022							
5309	-233.0	-37.8	-2028.3	-86.7	-1153.7	-251.3	0.0089	0.0179	0.0022							
5310	-238.3	-24.0	-1848.0	-74.5	-1000.9	-196.8	0.0089	0.0179	0.0022							
5311	-210.6	-9.7	-1735.6	-55.9	-818.8	-143.0	0.0089	0.0179	0.0022							
5312	-150.6	6.0	-1701.6	-31.0	-620.7	94.5	0.0095	0.0277	0.0127	11.05	3.80	8.29	0.00	-0.13	-2.03	0.0
5313	336.9	-148.2	-3216.1	62.1	120.7	-374.8	0.0247	0.0179	0.0055							
5314	312.3	-144.9	-3300.2	73.2	-99.2	-408.0	0.0247	0.0179	0.0055							
5315	324.7	-133.8	-3360.9	44.2	-250.3	-443.6	0.0247	0.0179	0.0055							
5316	355.9	-114.6	-3367.3	37.7	-412.9	-479.7	0.0247	0.0179	0.0055							
5317	294.5	-113.4	-3336.4	27.7	-567.8	-490.6	0.0247	0.0179	0.0055							
5318	225.5	-127.7	-3332.7	-22.9	-661.1	-481.4	0.0247	0.0179	0.0055							
5319	238.8	-115.3	-3321.3	-26.8	-812.1	-489.1	0.0247	0.0179	0.0057							
5320	224.4	-97.8	-3249.0	-40.9	-991.2	-500.2	0.0247	0.0179	0.0057							
5321	110.3	-93.1	-3075.3	-67.3	-1174.3	-493.9	0.0247	0.0179	0.0057							
5322	-4.5	-81.7	-2812.2	-89.6	-1267.4	-464.6	0.0247	0.0179	0.0057							
5323	-103.9	-69.1	-2532.1	-103.3	-1282.4	-418.6	0.0089	0.0179	0.0022							
5324	-175.1	-55.2	-2268.8	-107.1	-1231.8	-361.7	0.0089	0.0179	0.0022							
5325	-215.5	-40.7	-2044.5	-101.8	-1129.9	-298.3	0.0089	0.0179	0.0022							
5326	-224.3	-25.2	-1873.4	-88.1	-988.6	-231.9	0.0089	0.0179	0.0022							
5327	-202.3	-8.2	-1766.8	-66.4	-819.2	-166.0	0.0089	0.0179	0.0022							
5328	-149.5	11.2	-1734.6	-37.0	-634.4	-104.7	0.0099	0.0274	0.0127	7.37	2.67	5.75	0.00	-0.06	-2.04	0.0
5329	372.3	-25.3	-3289.6	67.0	81.4	-467.3	0.0247	0.0179	0.0055							
5330	304.1	-35.7	-3344.6	76.6	-130.6	-519.6	0.0247	0.0179	0.0055							
5331	302.9	-26.5	-3369.7	58.9	-284.5	-568.8	0.0247	0.0179	0.0055							
5332	361.2	9.1	-3319.6	38.2	-423.4	-601.5	0.0247	0.0179	0.0055							
5333	277.7	-23.6	-3314.5	-23.5	-532.1	-600.9	0.0247	0.0179	0.0055							
5334	225.4	-71.8	-3311.8	-47.0	-652.5	-585.4	0.0247	0.0179	0.0055							
5335	253.5	-76.6	-3283.8	-26.1	-784.7	-576.8	0.0247	0.0179	0.0057							
5336	213.9	-84.5	-3208.0	-42.1	-968.9	-573.1	0.0247	0.0179	0.0057							
5337	113.6	-87.9	-3029.7	-74.1	-1130.4	-567.4	0.0247	0.0179	0.0057							
5338	7.8	-82.5	-2783.8	-99.9	-1217.6	-533.7	0.0247	0.0179	0.0057							
5339	-84.7	-72.6	-2523.1	-116.0	-1234.5	-481.2	0.0089	0.0179	0.0022							
5340	-153.5	-59.8	-2278.1	-121.3	-1191.9	-415.9	0.0089	0.0179	0.0022							
5341	-194.9	-44.6	-2068.9	-116.2	-1101.3	-342.8	0.0089	0.0179	0.0022							
5342	-207.7	-27.1	-1909.1	-101.4	-973.6	-266.3	0.0089	0.0179	0.0022							
5343	-192.0	-7.0	-1809.5	-77.5	-819.5	-190.4	0.0089	0.0179	0.0022							
5344	-147.7	16.3	-1779.3	-44.7	-650.3	-119.7	0.0104	0.0269	0.0127	7.69	2.97	6.29	0.00	-0.06	-2.09	0.0
5345	396.0	-20.0	-3272.1	70.3	47.8	-649.8	0.0247	0.0179	0.0055							
5346	306.5	-30.9	-3281.4	76.2	-176.8	-690.3	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5347	294.9	-27.9	-3233.3	62.5	-333.6	-749.9	0.0247	0.0179	0.0055							
5348	316.2	-26.5	-3174.9	34.6	-403.1	-768.9	0.0247	0.0179	0.0055							
5349	227.0	-63.4	-3208.0	-50.8	-485.0	-740.2	0.0247	0.0179	0.0055							
5350	248.9	-63.6	-3215.0	-68.4	-601.7	-697.2	0.0247	0.0179	0.0057							
5351	283.2	-61.1	-3220.6	-48.7	-734.7	-659.7	0.0247	0.0179	0.0057							
5352	209.5	-81.9	-3157.2	-60.2	-935.8	-657.2	0.0247	0.0179	0.0057							
5353	118.8	-87.5	-2979.0	-85.8	-1078.7	-637.6	0.0247	0.0179	0.0057							
5354	21.7	-86.0	-2753.3	-111.6	-1159.7	-597.2	0.0247	0.0179	0.0057							
5355	-63.4	-78.0	-2515.5	-128.4	-1179.0	-537.8	0.0089	0.0179	0.0022							
5356	-129.3	-65.7	-2292.2	-134.4	-1145.1	-465.3	0.0089	0.0179	0.0022							
5357	-171.3	-49.6	-2100.9	-129.4	-1067.3	-384.6	0.0089	0.0179	0.0022							
5358	-188.4	-29.9	-1954.5	-114.1	-955.2	-300.1	0.0089	0.0179	0.0022							
5359	-179.7	-6.5	-1863.1	-88.9	-818.4	-216.5	0.0089	0.0179	0.0022							
5360	-145.1	21.1	-1834.8	-54.3	-667.4	-139.0	0.0109	0.0264	0.0127	7.98	3.31	6.86	0.00	-0.06	-2.16	0.0
5361	325.7	-175.7	-3020.5	31.3	102.5	-455.5	0.0247	0.0089	0.0055							
5362	327.1	-174.4	-3098.7	24.7	-121.9	-467.9	0.0247	0.0089	0.0055							
5363	319.6	-167.8	-3145.6	14.7	-265.7	-479.7	0.0247	0.0089	0.0055							
5364	299.4	-158.0	-3158.1	-19.8	-411.2	-485.0	0.0247	0.0089	0.0055							
5365	264.5	-154.1	-3148.2	-37.0	-548.6	-476.3	0.0247	0.0089	0.0055							
5366	234.0	-151.8	-3117.7	-47.0	-688.3	-463.2	0.0247	0.0089	0.0055							
5367	190.2	-146.2	-3056.1	-59.2	-831.7	-447.4	0.0247	0.0089	0.0057							
5368	130.5	-135.5	-2954.5	-66.5	-965.9	-426.6	0.0247	0.0089	0.0057							
5369	62.6	-126.3	-2813.7	-73.0	-1078.7	-403.3	0.0247	0.0089	0.0057							
5370	-23.8	-119.6	-2640.4	-79.4	-1155.1	-375.5	0.0089	0.0089	0.0022							
5371	-105.0	-113.0	-2453.4	-82.4	-1177.5	-341.3	0.0089	0.0089	0.0022							
5372	-168.5	-106.4	-2279.1	-80.4	-1147.9	-302.0	0.0089	0.0089	0.0022							
5373	-207.2	-99.2	-2136.7	-73.0	-1072.8	-259.7	0.0089	0.0089	0.0022							
5374	-218.3	-90.9	-2039.2	-60.4	-961.3	-216.6	0.0089	0.0089	0.0022							
5375	-201.8	-80.9	-1995.2	-43.3	-823.7	-175.5	0.0089	0.0089	0.0022							
5376	-159.4	-68.8	-2009.0	23.8	-673.5	-140.0	0.0095	0.0188	0.0127	9.33	4.71	6.98	0.00	-0.18	-2.32	0.0
5377	323.2	-169.5	-2957.2	38.0	95.8	-504.6	0.0247	0.0089	0.0055							
5378	325.9	-166.4	-3029.2	30.2	-129.1	-520.3	0.0247	0.0089	0.0055							
5379	312.9	-161.3	-3064.8	23.5	-268.3	-537.5	0.0247	0.0089	0.0055							
5380	281.8	-158.2	-3073.5	-16.6	-399.8	-547.1	0.0247	0.0089	0.0055							
5381	257.0	-155.7	-3071.9	-38.3	-522.2	-541.2	0.0247	0.0089	0.0055							
5382	234.0	-148.0	-3051.7	-47.1	-659.2	-528.4	0.0247	0.0089	0.0055							
5383	191.7	-142.1	-3000.1	-58.0	-797.5	-513.2	0.0247	0.0089	0.0057							
5384	134.8	-137.3	-2910.8	-68.0	-929.0	-495.1	0.0247	0.0089	0.0057							
5385	69.3	-129.9	-2781.3	-78.4	-1039.6	-472.6	0.0247	0.0089	0.0057							
5386	-13.4	-124.0	-2620.7	-88.0	-1114.9	-442.2	0.0247	0.0089	0.0057							
5387	-91.5	-117.2	-2447.0	-93.2	-1139.6	-402.7	0.0089	0.0089	0.0022							
5388	-153.6	-109.5	-2284.8	-92.0	-1115.2	-356.3	0.0089	0.0089	0.0022							
5389	-193.0	-100.6	-2151.9	-84.1	-1047.8	-305.5	0.0089	0.0089	0.0022							
5390	-206.9	-90.0	-2060.7	-69.8	-945.8	-253.5	0.0089	0.0089	0.0022							
5391	-195.1	-77.3	-2019.3	-49.9	-819.1	-203.7	0.0089	0.0089	0.0022							
5392	-158.8	-62.2	-2032.1	-25.7	-680.2	-160.0	0.0099	0.0185	0.0127	6.82	3.65	5.30	0.00	-0.12	-2.33	0.0
5393	321.2	-145.2	-2905.1	44.9	86.6	-564.1	0.0247	0.0089	0.0055							
5394	324.3	-142.7	-2968.1	36.8	-138.9	-582.2	0.0247	0.0089	0.0055							
5395	305.5	-141.6	-2989.1	23.4	-272.6	-600.1	0.0247	0.0089	0.0055							
5396	262.3	-151.0	-2996.0	-19.7	-387.1	-606.7	0.0247	0.0089	0.0055							
5397	250.8	-148.8	-2997.7	-34.1	-499.2	-601.7	0.0247	0.0089	0.0055							
5398	231.6	-141.5	-2988.4	-44.6	-627.6	-593.9	0.0247	0.0089	0.0055							
5399	188.7	-141.5	-2948.1	-62.4	-762.5	-580.5	0.0247	0.0089	0.0057							
5400	139.9	-137.4	-2867.7	-72.5	-888.1	-562.1	0.0247	0.0089	0.0057							
5401	74.8	-133.2	-2750.4	-84.0	-996.2	-537.4	0.0247	0.0089	0.0057							
5402	-2.8	-128.4	-2602.9	-95.8	-1068.8	-503.9	0.0247	0.0089	0.0057							
5403	-76.8	-121.7	-2444.6	-102.6	-1095.4	-459.5	0.0089	0.0089	0.0022							
5404	-136.8	-113.1	-2296.6	-102.2	-1076.8	-406.9	0.0089	0.0089	0.0022							
5405	-176.7	-102.3	-2175.0	-94.1	-1018.3	-349.1	0.0089	0.0089	0.0022							
5406	-193.6	-89.1	-2091.4	-78.7	-927.6	-289.8	0.0089	0.0089	0.0022							
5407	-187.1	-73.5	-2053.1	-56.9	-813.7	-232.9	0.0089	0.0089	0.0022							
5408	-157.9	-55.4	-2064.6	-30.2	-687.9	-182.9	0.0103	0.0180	0.0127	6.90	3.95	5.60	0.00	-0.12	-2.37	0.0
5409	317.4	-131.5	-2844.5	47.1	74.4	-641.3	0.0247	0.0089	0.0055							
5410	317.2	-135.7	-2897.4	35.7	-147.8	-658.5	0.0247	0.0089	0.0055							
5411	286.8	-141.7	-2911.7	18.9	-269.1	-670.0	0.0247	0.0089	0.0055							
5412	248.0	-148.5	-2920.2	-27.4	-370.4	-669.5	0.0247	0.0089	0.0055							
5413	247.6	-146.2	-2927.4	-34.4	-475.9	-663.1	0.0247	0.0089	0.0055							
5414	220.7	-147.9	-2924.5	-46.8	-598.2	-657.4	0.0247	0.0089	0.0057							
5415	183.4	-146.8	-2889.8	-63.6	-722.9	-645.8	0.0247	0.0089	0.0057							
5416	144.7	-140.6	-2821.6	-75.7	-841.2	-624.5	0.0247	0.0089	0.0057							
5417	80.3	-138.1	-2719.1	-90.0	-946.7	-597.5	0.0247	0.0089	0.0057							
5418	8.1	-133.6	-2586.9	-102.7	-1016.6	-559.8	0.0247	0.0089	0.0022							
5419	-61.2	-126.7	-2445.9	-110.4	-1045.0	-511.0	0.0089	0.0089	0.0022							
5420	-118.5	-117.0	-2313.9	-110.7	-1032.7	-453.4	0.0089	0.0089	0.0022							
5421	-158.5	-104.2	-2205.2	-102.7	-984.1	-390.3	0.0089	0.0089	0.0022							
5422	-178.5	-88.4	-2130.1	-86.9	-906.0	-325.4	0.0089	0.0089	0.0022							
5423	-177.7	-69.8	-2095.4	-64.3	-806.6	-263.2	0.0089	0.0089	0.0022							
5424	-156.5	-48.7	-2105.3	-36.4	-696.0	-209.2	0.0108	0.0175	0.0127	6.89	4.26	5.87	0.00	-0.11	-2.42	0.0
5425	315.1	-173.1	-2767.4	23.2	73.2	-447.3	0.0247	0.0089	0.0038							
5426	305.7	-171.9	-2826.9	13.0	-134.3	-455.4	0.0247	0.0089	0.0038							
5427	286.8	-170.7	-2861.9	-17.7	-262.3	-459.9	0.0247	0.0089	0.0038							
5428	258.8	-170.0	-2873.9	-29.6	-391.4	-459.0	0.0247	0.0089	0.0038							
5429	225.1	-168.7	-2864.0	-41.3	-520.9	-453.0	0.0247	0.0089	0.0038							
5430	182.2	-166.8	-2831.1	-52.3	-649.5	-441.9	0.0247	0.0089	0.0038							
5431	130.7	-165.7	-2774.0	-60.8	-772.6	-427.1	0.0247	0.0089	0.0057							
5432	69.8	-165.8	-2692.9	-68.2	-885.0	-409.5	0.0247	0.0089	0.0057							
5433	0.0	-165.8	-2591.3	-73.4	-976.8	-388.4	0.0247	0.0089	0.0057							
5434	-70.3	-165.9	-2478.8	-75.9	-1039.5	-364.0	0.0089	0.0089	0.0022							
5435	-135.7	-166.1	-2368.5	-75.0	-1068.1	-336.3	0.0089	0.0089	0.0022							
5436	-186.8	-165.6	-2274.1	-69.9	-1059.8	-305.7	0.0089	0.0089	0.0022							
5437	-217.0	-163.7	-2208.7	-60.3	-1015.8	-273.1	0.0089	0.0089	0.0022							
5438	-223.1	-159.6	-2180.4	-46.8	-939.6	-240.1	0.0089	0.0089	0.0022							
5439	-206.0	-152.7	-2191.5	-30.7	-837.5	-208.3	0.0089	0.0089	0.0022							
5440	-169.8	-142.8	-2238.3	35.0	-718.9	-180.7	0.0095	0.0189	0.0127	9.48	4.76	7.07	0.00	-0.26	-2.56	0.0
5441	306.5	-178.8	-2702.8	29.1	67.5	-507.7	0.0247	0.0089	0.0038							
5442	295.6	-178.7	-2758.4	17.6	-134.1	-517.8	0.0247	0.0089	0.0038							
5443	275.7	-178.7	-2792.4	-18.8	-255.1	-523.6	0.0247	0.0089	0.0038							
5444	249.8	-178.4	-2806.9	-31.0	-377.3	-523.6	0.0247	0.0089	0.0038							
5445	217.2	-177.2	-2801.6	-42.8	-501.1	-519.2	0.0247	0.0089	0.0038							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5446	176.9	-176.6	-2776.1	-55.4	-623.3	-509.9	0.0247	0.0089	0.0038							
5447	129.1	-175.5	-2728.7	-65.8	-742.3	-495.7	0.0247	0.0089	0.0057							
5448	71.7	-173.9	-2657.9	-74.6	-851.5	-477.3	0.0247	0.0089	0.0057							
5449	5.5	-173.0	-2567.6	-81.3	-941.5	-454.6	0.0247	0.0089	0.0057							
5450	-61.7	-171.7	-2466.5	-85.0	-1004.1	-427.2	0.0089	0.0089	0.0022							
5451	-124.4	-170.2	-2366.9	-84.6	-1034.4	-395.2	0.0089	0.0089	0.0022							
5452	-174.2	-167.5	-2281.7	-79.1	-1029.8	-359.1	0.0089	0.0089	0.0022							
5453	-204.8	-163.1	-2222.8	-68.2	-991.1	-320.4	0.0089	0.0089	0.0022							
5454	-213.3	-156.3	-2197.5	-52.5	-922.0	-280.6	0.0089	0.0089	0.0022							
5455	-200.3	-146.9	-2208.1	-33.5	-828.2	-242.2	0.0089	0.0089	0.0022							
5456	-169.3	-134.7	-2250.7	33.5	-718.7	-208.3	0.0098	0.0185	0.0127	9.72	5.16	7.52	0.00	-0.26	-2.59	0.0
5457	294.9	-184.7	-2642.3	33.3	60.7	-566.7	0.0247	0.0089	0.0038							
5458	282.8	-185.8	-2693.9	19.8	-133.8	-577.0	0.0247	0.0089	0.0038							
5459	262.0	-187.4	-2727.3	-19.9	-247.2	-583.0	0.0247	0.0089	0.0038							
5460	239.3	-186.4	-2743.5	-32.0	-362.9	-584.3	0.0247	0.0089	0.0038							
5461	206.8	-186.2	-2742.6	-45.1	-480.1	-580.9	0.0247	0.0089	0.0038							
5462	169.9	-185.8	-2723.4	-58.0	-595.6	-571.7	0.0247	0.0089	0.0038							
5463	126.6	-183.5	-2684.7	-68.4	-709.2	-558.2	0.0247	0.0089	0.0057							
5464	72.1	-182.0	-2624.7	-79.1	-814.4	-539.9	0.0247	0.0089	0.0057							
5465	10.8	-180.2	-2546.3	-87.3	-901.5	-515.8	0.0247	0.0089	0.0057							
5466	-52.7	-177.8	-2457.9	-91.9	-963.5	-485.8	0.0089	0.0089	0.0022							
5467	-112.2	-174.5	-2370.4	-92.1	-995.3	-450.1	0.0089	0.0089	0.0022							
5468	-160.1	-169.5	-2295.7	-86.4	-994.6	-409.5	0.0089	0.0089	0.0022							
5469	-191.0	-162.3	-2244.2	-74.7	-962.3	-365.6	0.0089	0.0089	0.0022							
5470	-202.1	-152.6	-2222.5	-57.5	-901.4	-320.3	0.0089	0.0089	0.0022							
5471	-193.7	-140.4	-2232.4	-36.8	-817.5	-276.6	0.0089	0.0089	0.0022							
5472	-168.7	-125.9	-2270.3	30.3	-718.5	-237.6	0.0103	0.0181	0.0127	9.82	5.57	7.92	0.00	-0.25	-2.61	0.0
5473	279.6	-193.0	-2583.7	36.5	53.7	-621.7	0.0247	0.0089	0.0038							
5474	266.9	-193.9	-2632.6	21.2	-132.1	-631.9	0.0247	0.0089	0.0038							
5475	248.0	-195.5	-2666.3	-21.8	-238.8	-637.4	0.0247	0.0089	0.0038							
5476	226.1	-195.6	-2683.7	-32.6	-348.6	-639.5	0.0247	0.0089	0.0038							
5477	194.2	-195.5	-2685.9	-46.6	-457.8	-637.2	0.0247	0.0089	0.0038							
5478	162.3	-193.7	-2673.3	-59.1	-566.0	-628.6	0.0247	0.0089	0.0057							
5479	122.1	-192.0	-2643.4	-70.8	-674.3	-615.5	0.0247	0.0089	0.0057							
5480	71.0	-190.5	-2593.6	-82.4	-773.9	-596.9	0.0247	0.0089	0.0057							
5481	15.3	-187.6	-2527.7	-91.2	-856.9	-571.4	0.0247	0.0089	0.0057							
5482	-43.8	-183.9	-2453.1	-96.8	-917.8	-539.3	0.0247	0.0089	0.0022							
5483	-99.3	-178.7	-2378.7	-97.3	-951.1	-500.7	0.0089	0.0089	0.0022							
5484	-145.0	-171.3	-2315.4	-91.8	-954.7	-456.6	0.0089	0.0089	0.0022							
5485	-176.0	-161.4	-2272.1	-79.7	-929.3	-408.7	0.0089	0.0089	0.0022							
5486	-189.6	-148.7	-2254.3	-61.9	-877.7	-359.1	0.0089	0.0089	0.0022							
5487	-186.1	-133.6	-2263.3	-40.2	-804.9	-311.1	0.0089	0.0089	0.0022							
5488	-167.9	-116.9	-2295.7	25.4	-718.0	-269.0	0.0107	0.0176	0.0127	9.79	5.98	8.28	0.00	-0.25	-2.65	0.0
5489	-1597.2	-762.6	-9364.3	-6.7	403.2	138.4	0.0331	0.0462	0.0055				-0.76	-1.58	-9.39	
5490	-1055.5	-1125.7	-5345.7	81.2	82.8	-2292.0	0.0331	0.0462	0.0055				-0.12	-1.06	-6.35	
5491	-426.4	-264.8	-1906.9	-4.5	-453.0	-309.7	0.0331	0.0462	0.0055				-0.17	-0.35	-2.08	
5492	-491.9	-146.3	-1953.4	-23.3	-622.9	60.8	0.0331	0.0462	0.0055				-0.13	-0.28	-2.18	
5493	-1454.1	-801.3	-8829.6	35.6	397.2	170.9	0.0331	0.0462	0.0055				-0.79	-1.44	-8.85	
5494	-1216.3	-1117.3	-6604.6	63.9	-968.1	-1136.1	0.0331	0.0462	0.0055				-0.71	-1.24	-6.98	
5495	-1038.0	-876.8	-5285.1	-84.0	-2413.2	-138.5	0.0331	0.0462	0.0055	1.61	1.16	9.79	0.00	-0.93	-6.43	0.0
5496	-1083.1	-869.9	-5464.5	-64.7	-2687.8	132.9	0.0331	0.0462	0.0055	6.23	4.46	37.79	0.00	-1.09	-6.95	0.0
5497	-1347.1	-832.0	-8311.8	-54.8	462.0	184.4	0.0331	0.0462	0.0055				-0.82	-1.32	-8.35	
5498	-1015.5	-1056.9	-7500.4	16.3	478.8	-287.3	0.0331	0.0462	0.0055				-0.98	-1.04	-7.55	
5499	-831.5	-1244.9	-7691.5	20.1	458.0	-232.9	0.0331	0.0462	0.0055				-0.80	-1.24	-7.73	
5500	-832.0	-1260.2	-7782.9	-16.8	404.9	-130.0	0.0331	0.0462	0.0055				-0.81	-1.26	-7.81	
5501	-1334.8	-790.6	-7908.5	-127.3	517.4	139.8	0.0331	0.0462	0.0055				-0.76	-1.32	-7.95	
5502	-1249.1	-987.9	-5951.0	27.7	1388.9	-1008.6	0.0331	0.0462	0.0055				-0.60	-1.08	-6.51	
5503	-1202.7	-845.3	-4780.6	93.4	2169.0	-252.0	0.0331	0.0462	0.0055				-0.18	-0.83	-5.82	
5504	-1133.4	-891.0	-5080.0	48.2	1938.0	-154.2	0.0331	0.0462	0.0055				-0.34	-0.89	-5.88	
5505	-1296.7	-787.1	-7524.1	-128.1	519.2	70.1	0.0331	0.0462	0.0055				-0.76	-1.28	-7.57	
5506	-886.2	-847.3	-4530.2	94.4	540.2	-1680.5	0.0331	0.0462	0.0055				-0.18	-0.84	-5.25	
5507	-615.9	-603.9	-3601.7	-44.6	-423.2	874.1	0.0331	0.0462	0.0055				-0.29	-0.65	-3.89	
5508	-788.2	-814.9	-5416.3	-38.3	-1064.4	347.2	0.0331	0.0462	0.0055				-0.51	-0.84	-5.67	
5509	-1144.6	-933.2	-7169.0	-134.8	602.3	-173.7	0.0331	0.0462	0.0055				-0.84	-1.18	-7.23	
5510	-890.1	-1000.8	-5889.0	54.5	-470.9	-951.3	0.0331	0.0462	0.0055				-0.70	-0.98	-6.11	
5511	-848.9	-1030.4	-6161.7	-208.2	-431.8	782.1	0.0331	0.0462	0.0055				-0.59	-1.14	-6.31	
5512	-1070.7	-1122.5	-7480.5	-122.3	902.6	-307.8	0.0331	0.0462	0.0055				-0.85	-1.21	-7.62	
5513	-1118.7	-1165.7	-7445.2	-131.1	1084.3	-301.7	0.0331	0.0462	0.0055				-0.84	-1.25	-7.64	
5514	-1097.8	-1152.9	-7525.1	-58.9	1135.1	-436.0	0.0331	0.0462	0.0055				-0.84	-1.19	-7.75	
5515	-1924.8	-1402.7	-6135.8	461.7	1942.9	-1416.0	0.0331	0.0462	0.0055				-0.99	-1.20	-7.27	
5516	-2692.5	-1226.7	-4753.2	534.4	2791.4	-618.4	0.0331	0.0462	0.0055				-0.73	-1.13	-6.82	
5517	-3152.0	-1190.1	-4669.9	353.7	3164.8	-536.3	0.0331	0.0462	0.0055				-0.65	-1.13	-7.23	
5518	-3098.8	-1151.8	-4641.0	539.2	3253.2	-745.5	0.0331	0.0462	0.0055				-0.52	-1.02	-7.35	
5519	-2253.0	-1182.5	-3729.3	783.2	1778.7	-1212.3	0.0331	0.0462	0.0057				-0.69	-1.07	-5.41	
5520	-1501.8	-841.0	-3011.8	260.1	294.3	75.5	0.0331	0.0462	0.0057				-0.74	-1.55	-3.07	
5521	-1723.0	-722.1	-2482.7	150.5	545.0	-216.1	0.0331	0.0462	0.0057				-0.69	-1.44	-2.80	
5522	-1649.6	-660.0	-2288.0	230.4	592.1	-196.3	0.0331	0.0462	0.0057				-0.61	-1.31	-2.68	
5523	-1514.2	-766.5	-2637.6	325.2	635.5	-52.9	0.0331	0.0462	0.0057				-0.63	-1.35	-2.94	
5524	-1383.7	-906.6	-3203.4	232.0	649.8	-136.4	0.0331	0.0462	0.0057				-0.80	-1.26	-3.43	
5525	-1217.5	-702.1	-2567.8	-92.4	594.3	-301.1	0.0331	0.0462	0.0057				-0.58	-1.08	-2.82	
5526	-1141.3	-622.9	-2296.8	91.1	591.7	-133.2	0.0331	0.0462	0.0057				-0.61	-0.90	-2.56	
5527	-1076.5	-658.6	-2361.8	134.7	597.3	-138.6	0.0331	0.0462	0.0057				-0.62	-0.87	-2.61	
5528	-1031.1	-738.2	-2636.8	117.8	627.6	-85.3	0.0331	0.0462	0.0057				-0.68	-0.87	-2.86	
5529	-709.4	-455.2	-1255.4	-117.5	948.2	-275.9	0.0331	0.0462	0.0057	3.72	2.67	21.78	0.00	-0.68	-2.11	0.0
5530	-665.0	-406.8	-1135.5	-81.7	844.4	-207.4	0.0331	0.0462	0.0057	1.69	1.21	9.89	0.00	-0.53	-1.84	0.0
5531	-641.9	-422.5	-1164.0	-44.9	854.7	-231.1	0.0331	0.0462	0.0057	1.68	1.20	9.81	0.00	-0.52	-1.87	0.0
5532	-622.6	-472.9	-1280.2	39.2	923.1	-267.6	0.0331	0.0462	0.0057	1.76	1.26	10.30	0.00	-0.52	-2.03	0.0
5533	-156.6	-241.9	-324.8	-158.0	292.5	-56.5	0.0331	0.0462	0.0140	4.01	2.87	9.51	0.00	-0.43	-0.69	0.0
5534	-172.9	-222.2	-327.7	-142.9	272.2	-71.2	0.0331	0.0462	0.0140	3.25	2.33	7.71	0.00	-0.40	-0.64	0.0
5535	-174.2	-224.9	-344.1	-126.8	270.5	-68.7	0.0331	0.0462	0.0057	2.70	1.94	15.81	0.00	-0.38	-0.63	0.0
5536	-171.7	-242.5	-373.5	-127.4	276.4	-91.0	0.0331	0.0462	0.0057	2.85	2.04	16.68	0.00	-0.41	-0.66	0.0
5537	56.3	-187.9	-144.8	-152.9	57.6	15.9	0.0331	0.0462	0.0140	4.14	2.97	9.82	0.00	-0.28	-0.41	0.0
5538	29.5	-176.0	-154.1	-158.6	60.0	-9.4	0.0331	0.0462	0.0140	3.85	2.76	9.13	0.00	-0.29	-0.39	0.0
5539	12.3	-171.9	-164.2	-157.4	58.6	-11.0	0.0331	0.0462	0.0140	3.45	2.47	8.17	0.00	-0.29	-0.38	0.0
5540	-1.3	-174.8	-178.8	-162.3	60.2	-12.6	0.0331	0.0462	0.0140	3.26	2.33	7.72	0.00	-0.29	-0.38	0.0
5541	111.0	-170.8	-78.2	-130.7	-62.6	33.4	0.0331	0.0462	0.0140	5.48	3.93	13.00	0.00	-0.28	-0.40	0.0
5542	90.3	-165.2	-83.2	-144.8	-60.9	34.2	0.0331	0.0462	0.0140	5.27	3.78	12.50	0.00	-0.28	-0.41	0.0
5543	70.4	-159.5	-88.6	-153.0	-61.3	36.5	0.0331	0.0462	0.0140	5.04	3.61	11.93	0.00	-0.27	-0.40	0.0
5544	51.8	-156.9	-95.4	-161.1	-62.4	41.0	0.0331	0.0462	0.0140	4.86	3.48	11.53	0.00	-0.28	-0.41	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5545	90.2	-169.5	-28.5	-103.1	-97.0	36.8	0.0331	0.0462	0.0140	5.38	3.85	12.76	0.00	-0.26	-0.38	0.0
5546	76.0	-167.4	-29.2	-118.2	-98.3	39.8	0.0331	0.0462	0.0140	5.38	3.85	12.76	0.00	-0.26	-0.39	0.0
5547	59.7	-162.5	-29.4	-130.2	-100.6	42.5	0.0331	0.0462	0.0140	5.36	3.84	12.70	0.00	-0.26	-0.40	0.0
5548	42.8	-157.7	-29.5	-140.7	-104.1	46.1	0.0331	0.0462	0.0140	5.37	3.84	12.72	0.00	-0.27	-0.41	0.0
5549	31.4	-169.1	62.5	-73.4	-89.8	22.1	0.0331	0.0462	0.0140	4.57	3.27	10.84	0.00	-0.18	-0.34	0.0
5550	22.5	-168.6	65.4	-87.6	-94.7	20.0	0.0331	0.0462	0.0140	4.74	3.40	11.24	0.00	-0.19	-0.36	0.0
5551	11.5	-165.0	68.8	-99.9	-102.4	17.9	0.0331	0.0462	0.0140	4.97	3.56	11.78	0.00	-0.20	-0.38	0.0
5552	-0.5	-159.1	73.5	-110.9	-111.3	15.9	0.0331	0.0462	0.0140	5.24	3.75	12.43	0.00	-0.21	-0.39	0.0
5553	-938.9	194.9	-5965.1	-30.1	341.2	602.0	0.0247	0.0357	0.0055							
5554	-1231.7	-287.9	-5936.4	103.2	211.1	-399.6	0.0247	0.0357	0.0055							
5555	-1498.1	-927.1	-5213.2	75.3	-107.2	-524.1	0.0247	0.0357	0.0055							
5556	-1523.3	-867.1	-4870.8	16.0	-182.6	-66.9	0.0247	0.0357	0.0055							
5557	-833.1	78.1	-5843.7	-24.9	282.2	665.1	0.0247	0.0357	0.0055							
5558	-823.7	-337.1	-5996.3	195.4	166.7	-258.9	0.0247	0.0357	0.0055							
5559	-732.1	-741.6	-5468.3	132.8	-148.6	-361.1	0.0247	0.0357	0.0055							
5560	-696.4	-710.3	-5245.9	-27.1	-268.8	-74.2	0.0247	0.0357	0.0055							
5561	-754.9	-41.2	-5714.3	-139.8	335.3	673.2	0.0247	0.0357	0.0055							
5562	-590.9	-384.6	-5936.5	-23.6	334.4	-188.2	0.0247	0.0357	0.0055							
5563	-340.8	-598.4	-5549.6	21.1	217.9	-218.1	0.0247	0.0357	0.0055							
5564	-293.0	-606.4	-5521.2	-42.1	90.0	-60.8	0.0247	0.0357	0.0055							
5565	-736.5	-88.4	-5510.1	-259.4	357.1	513.8	0.0247	0.0357	0.0055							
5566	-695.9	-438.8	-5748.6	-201.2	478.5	-184.3	0.0247	0.0357	0.0055							
5567	-638.9	-731.9	-5615.3	-35.0	408.8	-172.5	0.0247	0.0357	0.0055							
5568	-619.6	-689.0	-5799.6	-21.8	310.2	75.0	0.0247	0.0357	0.0055							
5569	-669.1	-179.6	-5406.1	-300.0	297.1	288.5	0.0247	0.0357	0.0055							
5570	-878.0	-593.6	-5639.9	-152.6	424.9	-164.6	0.0247	0.0357	0.0055							
5571	-930.4	-843.1	-5512.5	-37.8	536.6	-259.2	0.0247	0.0357	0.0055							
5572	-758.3	-600.9	-5556.4	-117.1	676.9	45.7	0.0247	0.0357	0.0055							
5573	-514.1	-400.2	-5492.7	-304.7	401.8	77.4	0.0247	0.0357	0.0055							
5574	-602.0	-618.1	-5470.0	-127.0	573.9	-248.9	0.0247	0.0357	0.0055							
5575	-523.7	-657.0	-5149.5	-198.9	627.5	-354.0	0.0247	0.0357	0.0055							
5576	-407.3	-442.0	-5022.9	-187.4	703.0	-173.7	0.0247	0.0357	0.0055							
5577	-394.3	-525.6	-5097.2	-267.6	955.2	-197.7	0.0247	0.0357	0.0055							
5578	-388.4	-476.9	-4888.6	-159.4	962.6	-394.9	0.0247	0.0357	0.0055							
5579	-327.4	-491.7	-4747.0	-292.9	876.6	-336.3	0.0247	0.0357	0.0055							
5580	-363.9	-530.3	-4763.8	-171.1	861.3	-371.0	0.0247	0.0357	0.0055							
5581	-390.3	-488.5	-4330.5	-187.3	1207.5	-285.1	0.0247	0.0357	0.0055							
5582	-383.3	-439.2	-4191.1	-90.9	1157.5	-383.7	0.0247	0.0357	0.0055							
5583	-597.7	-531.3	-4084.2	-43.0	1219.3	-411.3	0.0247	0.0357	0.0057							
5584	-826.6	-614.7	-4030.2	87.5	1293.8	-478.3	0.0247	0.0357	0.0057							
5585	-950.3	-481.3	-3331.1	-80.8	1457.4	-329.1	0.0247	0.0357	0.0057							
5586	-938.8	-491.2	-3239.6	80.3	1433.3	-380.5	0.0247	0.0357	0.0057							
5587	-808.0	-468.9	-3110.4	119.2	1296.0	-433.4	0.0247	0.0357	0.0057							
5588	-676.1	-395.3	-3019.4	64.5	1169.6	-396.5	0.0247	0.0357	0.0057							
5589	-734.2	-322.0	-2214.4	45.8	1244.6	-273.5	0.0247	0.0357	0.0057							
5590	-742.7	-343.4	-2142.9	66.0	1203.2	-325.2	0.0247	0.0357	0.0057							
5591	-704.3	-319.9	-2140.3	77.2	1175.0	-335.9	0.0247	0.0357	0.0057							
5592	-651.8	-256.7	-2145.6	63.0	1160.8	-414.1	0.0247	0.0357	0.0057							
5593	-707.9	-233.0	-1435.0	74.4	1022.4	-198.0	0.0247	0.0357	0.0057							
5594	-701.0	-255.9	-1406.7	77.9	975.3	-253.0	0.0247	0.0357	0.0057							
5595	-683.3	-239.0	-1412.6	83.1	946.8	-273.1	0.0247	0.0357	0.0057							
5596	-659.0	-198.8	-1428.1	96.7	919.5	-332.1	0.0247	0.0357	0.0057							
5597	-668.8	-168.1	-824.2	61.9	730.6	-119.2	0.0089	0.0357	0.0140							
5598	-648.6	-183.5	-836.0	75.5	706.0	-168.4	0.0089	0.0357	0.0140							
5599	-638.2	-181.6	-857.4	85.0	691.1	-199.7	0.0089	0.0357	0.0140							
5600	-628.9	-171.0	-891.5	101.5	685.2	-236.7	0.0247	0.0357	0.0022							
5601	-463.1	-112.8	-442.8	-23.2	401.4	-51.4	0.0089	0.0357	0.0140							
5602	-459.2	-117.2	-465.1	36.6	402.4	-86.5	0.0089	0.0357	0.0140							
5603	-457.3	-117.7	-488.0	45.9	402.6	-113.2	0.0089	0.0357	0.0140							
5604	-456.7	-113.9	-516.8	57.6	406.9	-138.6	0.0089	0.0357	0.0140							
5605	-271.9	-79.6	-241.2	-40.4	183.3	18.7	0.0089	0.0357	0.0140							
5606	-278.3	-76.8	-255.0	-30.5	192.2	-36.7	0.0089	0.0357	0.0140							
5607	-283.6	-74.0	-270.0	-21.9	200.0	-56.3	0.0089	0.0357	0.0140							
5608	-289.5	-69.7	-287.6	-12.4	209.6	-73.8	0.0089	0.0357	0.0140							
5609	-124.5	-53.4	-76.7	-45.4	50.3	37.6	0.0089	0.0357	0.0140							
5610	-132.9	-48.1	-81.1	-43.4	58.8	31.1	0.0089	0.0357	0.0140							
5611	-140.8	-43.0	-86.1	-40.8	67.7	-25.6	0.0089	0.0357	0.0140							
5612	-149.0	-38.0	-92.3	-37.0	77.9	-37.9	0.0089	0.0357	0.0140							
5613	-23.3	-27.9	145.2	-35.7	-54.9	48.9	0.0097	0.0455	0.0244	18.35	3.90	7.26	0.00	-0.20	-0.24	0.0
5614	-27.8	-24.7	147.1	-37.7	-54.5	45.1	0.0102	0.0450	0.0244	17.46	3.94	7.25	0.00	-0.20	-0.24	0.0
5615	-32.7	-21.7	148.3	-39.0	-54.8	41.2	0.0107	0.0444	0.0244	16.45	3.97	7.22	0.00	-0.19	-0.24	0.0
5616	-37.6	-18.0	149.2	-40.3	-53.6	37.7	0.0114	0.0438	0.0244	15.37	4.00	7.16	0.00	-0.19	-0.25	0.0
5617	-649.6	-192.8	-5304.1	-35.0	383.3	403.8	0.0247	0.0179	0.0055							
5618	-657.6	-193.4	-5611.5	-11.4	445.5	216.9	0.0247	0.0179	0.0055							
5619	-649.1	-338.8	-5587.4	33.0	496.0	-98.8	0.0247	0.0179	0.0055							
5620	-635.6	-391.4	-5548.6	43.7	509.2	-261.5	0.0247	0.0179	0.0055							
5621	-583.4	-199.9	-5162.8	-83.5	352.3	345.4	0.0247	0.0179	0.0055							
5622	-565.9	-184.2	-5436.2	-55.8	404.5	173.1	0.0247	0.0179	0.0055							
5623	-551.5	-332.6	-5401.5	-10.6	441.0	-127.7	0.0247	0.0179	0.0055							
5624	-527.6	-354.5	-5391.0	19.1	471.8	-267.3	0.0247	0.0179	0.0055							
5625	-500.5	-216.7	-5071.0	-155.5	331.0	275.3	0.0247	0.0179	0.0055							
5626	-483.7	-206.5	-5335.3	-98.9	397.6	131.1	0.0247	0.0179	0.0055							
5627	-468.9	-358.3	-5343.6	-45.9	426.8	-150.7	0.0247	0.0179	0.0055							
5628	-425.2	-330.7	-5392.9	-40.1	473.2	-306.6	0.0247	0.0179	0.0055							
5629	-401.6	-259.4	-5016.6	-222.6	357.7	195.6	0.0247	0.0179	0.0055							
5630	-397.8	-256.5	-5277.9	-130.2	420.5	92.9	0.0247	0.0179	0.0055							
5631	-358.3	-366.6	-5333.6	-111.9	456.0	-174.6	0.0247	0.0179	0.0055							
5632	-251.8	-281.7	-5361.8	-104.4	489.7	-356.5	0.0247	0.0179	0.0055							
5633	-256.0	-317.9	-4990.0	-278.1	444.6	77.1	0.0247	0.0179	0.0055							
5634	-210.2	-255.5	-5139.7	-198.9	556.4	24.0	0.0247	0.0179	0.0055							
5635	-159.4	-306.1	-5130.0	-199.2	598.0	-224.9	0.0247	0.0179	0.0055							
5636	-107.8	-246.2	-5108.0	-166.8	619.5	-403.8	0.0247	0.0179	0.0055							
5637	-88.9	-325.0	-4795.4	-292.6	588.1	-78.2	0.0247	0.0179	0.0055							
5638	-117.0	-246.3	-4818.3	-235.7	688.3	-120.7	0.0247	0.0179	0.0055							
5639	-169.4	-285.7	-4752.4	-175.7	755.0	-275.5	0.0247	0.0179	0.0055							
5640	-226.3	-265.4	-4725.5	-157.5	737.6	-415.3	0.0247	0.0179	0.0055							
5641	-124.9	-317.8	-4356.2	-220.1	749.3	-161.4	0.0247	0.0179	0.0055							
5642	-204.7	-286.2	-4308.1	-164.1	811.3	-205.0	0.0247	0.0179	0.0055							
5643	-265.7	-291.5	-4216.2	-81.7	827.0	-296.5	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5644	-302.3	-223.6	-4135.7	-92.3	791.5	-386.9	0.0247	0.0179	0.0057							
5645	-296.5	-304.2	-3685.8	-130.9	928.1	-215.7	0.0247	0.0179	0.0057							
5646	-347.6	-275.0	-3620.9	-100.1	944.2	-273.2	0.0247	0.0179	0.0057							
5647	-316.8	-229.4	-3529.4	-76.4	953.3	-325.0	0.0247	0.0179	0.0057							
5648	-278.1	-157.3	-3441.2	-58.3	952.5	-421.2	0.0247	0.0179	0.0057							
5649	-329.7	-232.9	-2888.4	-66.8	1117.8	-236.5	0.0247	0.0179	0.0057							
5650	-351.0	-201.7	-2852.2	-47.0	1090.0	-309.0	0.0247	0.0179	0.0057							
5651	-385.0	-185.2	-2811.9	26.6	1090.0	-370.5	0.0247	0.0179	0.0057							
5652	-410.5	-159.9	-2766.6	60.4	1086.5	-455.5	0.0247	0.0179	0.0057							
5653	-493.7	-182.6	-2166.2	39.8	1163.8	-221.1	0.0247	0.0179	0.0057							
5654	-492.6	-168.3	-2166.8	56.6	1128.1	-299.3	0.0247	0.0179	0.0057							
5655	-479.7	-153.2	-2142.0	77.4	1087.9	-366.7	0.0247	0.0179	0.0057							
5656	-461.0	-136.5	-2122.8	99.3	1043.1	-416.8	0.0247	0.0179	0.0057							
5657	-510.2	-126.0	-1539.2	50.4	1023.9	-182.3	0.0089	0.0179	0.0140							
5658	-501.0	-118.5	-1559.0	70.7	999.7	-253.4	0.0247	0.0179	0.0057							
5659	-484.2	-110.7	-1568.3	88.6	969.1	-313.8	0.0247	0.0179	0.0057							
5660	-461.5	-102.2	-1584.5	104.7	939.2	-361.7	0.0247	0.0179	0.0057							
5661	-460.9	-83.5	-1066.8	46.9	831.1	-141.3	0.0089	0.0179	0.0140							
5662	-450.9	-76.5	-1092.5	64.1	818.5	-199.0	0.0089	0.0179	0.0140							
5663	-434.1	-70.5	-1116.9	79.1	801.3	-250.3	0.0089	0.0179	0.0140							
5664	-411.5	-61.6	-1145.6	93.5	783.1	-296.2	0.0089	0.0179	0.0140							
5665	-383.4	-49.6	-709.6	35.3	626.8	-100.7	0.0089	0.0179	0.0140							
5666	-375.1	-43.0	-735.1	48.8	625.1	-145.9	0.0089	0.0179	0.0140							
5667	-362.8	-37.7	-763.6	61.8	621.5	-188.3	0.0089	0.0179	0.0140							
5668	-346.7	-31.3	-796.6	74.9	617.5	-228.0	0.0089	0.0179	0.0140							
5669	-267.0	-18.3	-433.6	18.1	432.2	-62.7	0.0089	0.0179	0.0140							
5670	-263.9	-12.0	-454.5	27.6	438.4	-96.8	0.0089	0.0179	0.0140							
5671	-258.2	-7.0	-479.3	37.7	444.3	-129.5	0.0089	0.0179	0.0140							
5672	-249.7	-2.3	-509.3	48.6	450.6	-160.4	0.0089	0.0179	0.0140							
5673	-146.6	9.1	-196.8	-13.8	263.6	-27.8	0.0089	0.0179	0.0140							
5674	-147.2	14.3	-211.9	9.5	273.3	-51.3	0.0089	0.0179	0.0140							
5675	-146.4	18.5	-231.7	16.4	284.0	-73.8	0.0089	0.0179	0.0140							
5676	-143.9	21.6	-257.3	24.2	296.3	-94.5	0.0089	0.0179	0.0140							
5677	-40.9	34.3	47.6	-14.4	98.7	61.0	0.0096	0.0276	0.0244	13.75	4.79	5.42	0.00	-0.11	-0.25	0.0
5678	-42.2	37.0	34.0	-11.8	110.2	59.7	0.0101	0.0272	0.0244	13.12	4.87	5.42	0.00	-0.10	-0.27	0.0
5679	-43.1	39.0	14.6	-8.6	124.0	57.7	0.0106	0.0266	0.0244	12.37	4.94	5.38	0.00	-0.10	-0.28	0.0
5680	-43.4	41.2	-11.6	7.4	140.8	55.2	0.0113	0.0260	0.0244	12.17	5.27	5.61	0.00	-0.11	-0.31	0.0
5681	-410.1	-358.8	-5550.4	-12.1	386.4	108.7	0.0247	0.0179	0.0055							
5682	-320.5	-255.6	-5236.7	31.5	421.7	386.0	0.0247	0.0179	0.0055							
5683	-234.3	-190.7	-4844.2	45.2	450.7	-178.5	0.0247	0.0179	0.0055							
5684	-207.6	-111.2	-4892.5	64.5	477.7	-438.6	0.0247	0.0179	0.0055							
5685	-385.4	-365.1	-5372.4	-52.4	395.2	76.4	0.0247	0.0179	0.0055							
5686	-304.9	-292.3	-5287.5	-16.3	594.0	202.7	0.0247	0.0179	0.0055							
5687	-223.4	-251.1	-5130.4	18.6	790.1	-202.3	0.0247	0.0179	0.0055							
5688	-196.8	-194.4	-5255.7	41.4	880.3	-522.9	0.0247	0.0179	0.0055							
5689	-334.3	-364.4	-5250.3	-102.1	446.6	-39.6	0.0247	0.0179	0.0055							
5690	-250.0	-297.6	-5158.5	-90.0	342.3	170.1	0.0247	0.0179	0.0055							
5691	-160.5	-256.1	-5029.0	-54.2	254.9	-227.9	0.0247	0.0179	0.0055							
5692	-142.9	-205.0	-5176.2	-22.4	293.1	-540.8	0.0247	0.0179	0.0055							
5693	-263.4	-353.1	-5172.7	-130.7	511.4	-103.5	0.0247	0.0179	0.0055							
5694	-196.4	-267.3	-4787.5	-117.1	567.2	252.5	0.0247	0.0179	0.0055							
5695	-125.2	-212.9	-4361.1	-76.0	581.8	-296.7	0.0247	0.0179	0.0055							
5696	-152.0	-178.3	-4753.6	-32.3	809.7	-770.1	0.0247	0.0179	0.0055							
5697	-176.4	-348.4	-5028.8	-147.3	629.2	-142.8	0.0247	0.0179	0.0055							
5698	-146.5	-299.9	-4794.9	-109.2	810.5	49.9	0.0247	0.0179	0.0055							
5699	-104.9	-264.8	-4524.4	-106.0	990.6	-335.6	0.0247	0.0179	0.0055							
5700	-114.0	-232.1	-4982.2	-99.6	799.7	-805.4	0.0247	0.0179	0.0055							
5701	-107.3	-363.9	-4811.9	-160.9	698.3	-135.9	0.0247	0.0179	0.0055							
5702	-101.5	-315.7	-4765.1	-119.2	710.7	-196.6	0.0247	0.0179	0.0055							
5703	-61.6	-259.5	-4551.7	-130.5	586.0	-149.2	0.0247	0.0179	0.0055							
5704	-51.0	-184.9	-4410.8	-110.8	323.1	-491.6	0.0247	0.0179	0.0055							
5705	-52.9	-302.7	-4065.1	-118.1	422.9	-125.8	0.0247	0.0179	0.0055							
5706	-79.5	-233.6	-4009.4	-93.2	458.5	-203.5	0.0247	0.0179	0.0055							
5707	-86.6	-173.8	-3719.3	-70.0	610.7	-151.9	0.0247	0.0179	0.0055							
5708	-103.9	-111.0	-3398.1	-45.3	724.1	-448.1	0.0247	0.0179	0.0057							
5709	-110.2	-189.2	-3035.8	-65.5	832.4	-215.2	0.0247	0.0179	0.0057							
5710	-132.3	-145.2	-3010.1	-46.6	848.4	-269.5	0.0247	0.0179	0.0057							
5711	-145.3	-121.9	-2974.7	33.4	869.1	-347.6	0.0247	0.0179	0.0057							
5712	-153.1	-95.9	-2914.7	49.4	877.4	-441.2	0.0247	0.0179	0.0057							
5713	-183.6	-152.3	-2498.2	-29.1	1018.9	-240.6	0.0247	0.0179	0.0057							
5714	-196.2	-122.8	-2489.7	31.2	1003.4	-304.2	0.0247	0.0179	0.0057							
5715	-191.2	-97.0	-2469.9	53.5	983.9	-375.6	0.0247	0.0179	0.0057							
5716	-178.1	-73.4	-2443.4	75.0	956.7	-450.3	0.0247	0.0179	0.0057							
5717	-223.7	-116.3	-2007.6	36.9	1057.5	-232.4	0.0247	0.0179	0.0057							
5718	-225.6	-92.7	-2009.5	52.1	1032.2	-297.7	0.0247	0.0179	0.0057							
5719	-223.8	-76.0	-2012.0	70.7	1005.3	-364.1	0.0247	0.0179	0.0057							
5720	-214.2	-59.9	-2010.0	92.3	974.2	-432.5	0.0247	0.0179	0.0057							
5721	-265.2	-85.3	-1562.5	50.9	1007.0	-207.5	0.0089	0.0179	0.0140							
5722	-258.9	-68.4	-1577.2	64.6	983.1	-269.3	0.0089	0.0179	0.0140							
5723	-248.7	-56.5	-1593.4	81.5	955.7	-330.7	0.0247	0.0179	0.0057							
5724	-232.5	-44.7	-1608.8	100.2	923.8	-390.1	0.0247	0.0179	0.0057							
5725	-269.6	-55.4	-1174.5	52.2	889.3	-172.8	0.0089	0.0179	0.0140							
5726	-260.4	-44.3	-1197.8	65.6	872.9	-228.3	0.0089	0.0179	0.0140							
5727	-248.0	-36.0	-1225.0	81.1	853.2	-282.5	0.0089	0.0179	0.0140							
5728	-231.3	-29.5	-1255.3	97.3	830.0	-333.6	0.0089	0.0179	0.0140							
5729	-238.8	-29.1	-852.3	45.2	740.9	-135.1	0.0089	0.0179	0.0140							
5730	-230.5	-21.5	-879.1	57.5	732.6	-182.1	0.0089	0.0179	0.0140							
5731	-219.3	-15.8	-912.0	71.1	722.0	-227.4	0.0089	0.0179	0.0140							
5732	-204.6	-11.9	-950.7	85.4	708.8	-269.8	0.0089	0.0179	0.0140							
5733	-188.1	-6.7	-584.7	34.4	579.1	-95.6	0.0089	0.0179	0.0140							
5734	-182.1	-1.3	-612.2	44.8	577.9	-132.7	0.0089	0.0179	0.0140							
5735	-174.1	2.6	-647.6	56.4	575.9	-168.0	0.0089	0.0179	0.0140							
5736	-163.6	4.9	-691.2	68.6	572.7	-200.8	0.0089	0.0179	0.0140							
5737	-124.0	13.5	-359.8	21.3	403.9	-52.1	0.0089	0.0179	0.0140							
5738	-121.1	17.5	-387.5	29.7	409.1	-77.9	0.0089	0.0179	0.0140							
5739	-116.9	20.5	-424.4	38.7	415.1	-102.3	0.0089	0.0179	0.0140							
5740	-111.1	21.9	-471.4	48.4	421.8	-124.6	0.0089	0.0179	0.0140							
5741	-49.5	32.1	-175.8	-9.6	207.7	58.7	0.0096	0.0277	0.0244	11.90	4.13	4.68	0.00	-0.08	-0.45	0.0
5742	-49.5	35.2	-204.6	11.5	220.0	59.2	0.0100	0.0273	0.0244	12.73	4.68	5.22	0.00	-0.11	-0.49	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5743	-49.2	37.9	-243.5	17.8	235.3	57.8	0.0105	0.0267	0.0244	12.54	4.95	5.41	0.00	-0.11	-0.54	0.0
5744	-48.2	40.5	-293.6	24.4	253.2	54.6	0.0111	0.0261	0.0244	12.26	5.23	5.59	0.00	-0.12	-0.59	0.0
5745	235.0	-182.4	-2830.5	20.4	347.3	-232.6	0.0247	0.0179	0.0055							
5746	208.6	-88.9	-3426.0	23.7	372.8	207.0	0.0247	0.0179	0.0055							
5747	190.8	-20.6	-3969.5	41.4	397.2	-341.1	0.0247	0.0179	0.0055							
5748	242.1	6.6	-3941.3	53.0	419.5	-575.3	0.0247	0.0179	0.0055							
5749	221.0	-165.4	-2691.8	-27.5	412.0	-237.1	0.0247	0.0179	0.0055							
5750	185.4	-49.0	-3023.4	-32.6	585.4	-68.3	0.0247	0.0179	0.0055							
5751	156.7	44.8	-3308.4	-15.7	763.3	-358.1	0.0247	0.0179	0.0055							
5752	195.1	88.5	-3196.4	30.6	836.2	-652.6	0.0247	0.0179	0.0055							
5753	235.1	-153.3	-2542.4	-33.6	509.7	-252.7	0.0247	0.0179	0.0055							
5754	198.5	-43.1	-2878.1	-19.9	374.7	-73.4	0.0247	0.0179	0.0055							
5755	164.5	50.3	-3143.5	-21.9	259.1	-369.0	0.0247	0.0179	0.0055							
5756	203.6	89.2	-2999.1	20.7	275.4	-657.2	0.0247	0.0179	0.0055							
5757	258.1	-140.6	-2359.8	-44.3	593.3	-283.7	0.0247	0.0179	0.0055							
5758	207.5	-62.2	-2895.8	-44.4	615.5	128.9	0.0247	0.0179	0.0055							
5759	157.3	6.1	-3393.3	-31.9	605.6	-413.8	0.0247	0.0179	0.0055							
5760	187.2	59.4	-2921.1	24.2	798.3	-865.7	0.0247	0.0179	0.0055							
5761	249.6	-106.2	-2179.1	-37.3	683.9	-277.3	0.0247	0.0179	0.0055							
5762	193.5	-22.5	-2457.7	-56.2	820.5	-126.5	0.0247	0.0179	0.0055							
5763	136.0	50.5	-2697.2	39.1	964.7	-416.5	0.0247	0.0179	0.0055							
5764	168.6	107.4	-2241.2	89.2	733.4	-854.9	0.0247	0.0179	0.0055							
5765	208.0	-53.3	-1969.0	21.2	685.5	-220.2	0.0247	0.0179	0.0055							
5766	189.6	2.7	-2052.7	-31.8	662.9	-277.8	0.0247	0.0179	0.0055							
5767	167.4	39.2	-2305.1	45.8	518.0	-201.4	0.0247	0.0179	0.0055							
5768	184.4	47.7	-2462.3	78.8	255.1	-515.5	0.0247	0.0179	0.0055							
5769	203.8	-85.8	-2299.2	-33.0	393.3	-184.7	0.0247	0.0179	0.0055							
5770	190.4	-56.5	-2341.4	-41.2	409.7	-258.8	0.0247	0.0179	0.0055							
5771	153.8	-32.3	-2531.1	-38.9	547.7	-195.9	0.0247	0.0179	0.0057							
5772	133.0	-28.8	-2710.7	50.5	660.8	-466.5	0.0247	0.0179	0.0057							
5773	130.1	-136.1	-2496.8	-22.8	797.2	-253.8	0.0247	0.0179	0.0057							
5774	116.1	-103.7	-2494.9	-27.0	797.8	-303.4	0.0247	0.0179	0.0057							
5775	100.3	-71.4	-2484.5	30.7	797.9	-374.6	0.0247	0.0179	0.0057							
5776	90.7	-49.3	-2469.1	57.7	793.7	-452.4	0.0247	0.0179	0.0057							
5777	59.3	-116.5	-2208.7	36.2	950.3	-261.2	0.0247	0.0179	0.0057							
5778	51.5	-94.3	-2202.9	43.6	928.9	-321.7	0.0247	0.0179	0.0057							
5779	41.2	-73.3	-2198.4	57.3	907.3	-388.0	0.0247	0.0179	0.0057							
5780	35.1	-57.7	-2188.5	77.1	878.9	-458.4	0.0247	0.0179	0.0057							
5781	-11.4	-97.1	-1869.8	51.4	996.3	-247.9	0.0247	0.0179	0.0057							
5782	-13.5	-82.0	-1873.2	61.9	970.3	-310.1	0.0247	0.0179	0.0057							
5783	-14.1	-67.3	-1878.4	76.1	939.8	-372.9	0.0247	0.0179	0.0057							
5784	-12.1	-56.5	-1883.1	92.8	903.5	-434.8	0.0247	0.0179	0.0057							
5785	-62.1	-77.9	-1529.7	59.7	974.0	-223.7	0.0089	0.0179	0.0140							
5786	-59.7	-67.5	-1543.3	72.2	948.5	-282.8	0.0089	0.0179	0.0140							
5787	-56.3	-57.8	-1562.0	86.5	918.5	-340.6	0.0089	0.0179	0.0140							
5788	-50.7	-51.5	-1583.7	101.9	883.2	-395.8	0.0247	0.0179	0.0022							
5789	-95.8	-60.8	-1213.4	61.7	904.4	-192.8	0.0089	0.0179	0.0140							
5790	-90.7	-53.4	-1236.5	75.0	882.7	-246.4	0.0089	0.0179	0.0140							
5791	-84.4	-47.1	-1267.1	89.0	856.8	-297.9	0.0089	0.0179	0.0140							
5792	-76.1	-43.2	-1303.6	103.2	826.2	-346.0	0.0089	0.0179	0.0140							
5793	-111.6	-45.0	-933.0	57.8	797.3	-157.6	0.0089	0.0179	0.0140							
5794	-105.6	-39.5	-963.8	71.0	781.6	-204.1	0.0089	0.0179	0.0140							
5795	-98.3	-35.3	-1004.2	84.2	762.4	-247.9	0.0089	0.0179	0.0140							
5796	-89.2	-33.2	-1053.1	97.1	739.3	-288.3	0.0089	0.0179	0.0140							
5797	-110.1	-29.8	-698.3	48.7	658.6	-119.5	0.0089	0.0179	0.0140							
5798	-104.4	-25.4	-734.7	60.7	650.0	-157.2	0.0089	0.0179	0.0140							
5799	-97.4	-22.2	-782.0	72.3	639.4	-192.1	0.0089	0.0179	0.0140							
5800	-89.0	-20.7	-839.8	83.5	626.4	-224.1	0.0089	0.0179	0.0140							
5801	-89.6	-14.6	-517.5	34.0	492.2	-77.6	0.0089	0.0179	0.0140							
5802	-85.6	-10.3	-557.0	43.9	492.3	-105.0	0.0089	0.0179	0.0140							
5803	-80.6	-7.0	-608.1	53.3	492.3	-130.3	0.0089	0.0179	0.0140							
5804	-74.7	-5.5	-670.9	62.5	492.2	-153.6	0.0089	0.0179	0.0140							
5805	-53.8	2.0	-403.8	-15.3	297.1	45.2	0.0096	0.0277	0.0244	12.21	4.21	4.78	0.00	-0.11	-0.69	0.0
5806	-52.6	7.3	-442.9	20.7	307.3	-47.4	0.0100	0.0273	0.0244	11.68	4.26	4.77	0.00	-0.11	-0.73	0.0
5807	-51.0	11.9	-493.6	27.6	320.0	-62.5	0.0105	0.0268	0.0244	11.17	4.36	4.78	0.00	-0.10	-0.79	0.0
5808	-49.0	15.4	-556.1	34.6	334.6	-78.0	0.0110	0.0262	0.0244	10.64	4.47	4.81	0.00	-0.09	-0.85	0.0
5809	273.2	-280.5	-3082.3	28.3	290.8	-400.6	0.0247	0.0179	0.0055							
5810	316.3	-148.5	-3087.9	30.7	301.8	-358.2	0.0247	0.0179	0.0055							
5811	352.3	-25.5	-3168.9	42.4	312.1	-447.9	0.0247	0.0179	0.0055							
5812	377.1	-19.6	-3160.9	52.0	310.2	-628.3	0.0247	0.0179	0.0055							
5813	251.6	-261.9	-2924.2	20.5	407.1	-408.7	0.0247	0.0179	0.0055							
5814	253.1	-145.7	-2923.0	17.9	405.8	-358.5	0.0247	0.0179	0.0055							
5815	247.0	-36.2	-2989.7	30.2	410.1	-462.0	0.0247	0.0179	0.0055							
5816	252.7	-29.7	-2954.2	42.4	423.7	-626.6	0.0247	0.0179	0.0055							
5817	241.0	-250.2	-2768.1	32.6	495.0	-408.0	0.0247	0.0179	0.0055							
5818	235.5	-135.3	-2756.2	43.2	500.0	-362.2	0.0247	0.0179	0.0055							
5819	217.0	-27.1	-2800.8	42.2	510.4	-474.9	0.0247	0.0179	0.0055							
5820	214.1	-25.6	-2708.4	48.7	531.8	-646.4	0.0247	0.0179	0.0055							
5821	228.4	-242.8	-2604.9	40.5	588.2	-393.5	0.0247	0.0179	0.0055							
5822	250.7	-117.1	-2569.7	43.6	576.4	-368.6	0.0247	0.0179	0.0055							
5823	259.9	8.5	-2569.1	54.2	568.9	-474.5	0.0247	0.0179	0.0055							
5824	220.8	-23.0	-2481.4	65.6	528.3	-630.1	0.0247	0.0179	0.0055							
5825	196.6	-213.6	-2410.1	56.9	650.3	-379.5	0.0247	0.0179	0.0055							
5826	192.0	-117.2	-2390.7	44.9	624.4	-353.9	0.0247	0.0179	0.0055							
5827	178.6	-24.2	-2423.5	86.7	578.4	-446.3	0.0247	0.0179	0.0055							
5828	132.7	-58.7	-2382.3	120.6	520.8	-572.6	0.0247	0.0179	0.0055							
5829	155.3	-179.0	-2280.2	78.1	631.9	-338.5	0.0247	0.0179	0.0055							
5830	146.9	-133.0	-2289.1	63.9	601.4	-325.4	0.0247	0.0179	0.0055							
5831	147.7	-72.5	-2325.9	95.5	591.7	-410.8	0.0247	0.0179	0.0055							
5832	172.7	-57.7	-2296.8	121.9	541.0	-509.5	0.0247	0.0179	0.0055							
5833	203.0	-143.6	-2217.3	60.2	656.7	-298.6	0.0247	0.0179	0.0055							
5834	204.3	-122.8	-2228.5	52.9	640.3	-322.0	0.0247	0.0179	0.0055							
5835	214.9	-78.1	-2247.1	58.1	620.2	-391.1	0.0247	0.0179	0.0057							
5836	240.5	-54.6	-2249.1	84.6	579.7	-461.5	0.0247	0.0179	0.0057							
5837	256.4	-125.5	-2151.3	52.2	740.2	-282.7	0.0247	0.0179	0.0057							
5838	248.1	-108.2	-2147.4	51.8	723.1	-330.7	0.0247	0.0179	0.0057							
5839	228.4	-87.3	-2157.5	56.9	715.0	-386.1	0.0247	0.0179	0.0057							
5840	213.5	-75.9	-2165.4	78.2	698.9	-458.8	0.0247	0.0179	0.0057							
5841	208.6	-118.6	-1997.3	59.1	861.1	-275.0	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5842	200.5	-106.9	-1991.7	64.7	836.2	-330.6	0.0247	0.0179	0.0057							
5843	187.6	-93.2	-1990.1	74.3	810.3	-388.9	0.0247	0.0179	0.0057							
5844	174.5	-84.0	-1989.6	88.6	779.4	-448.8	0.0247	0.0179	0.0057							
5845	153.3	-108.4	-1754.3	66.2	919.2	-257.6	0.0247	0.0179	0.0057							
5846	148.2	-100.1	-1757.5	76.9	890.9	-315.1	0.0247	0.0179	0.0057							
5847	139.4	-91.7	-1765.8	89.0	858.8	-371.8	0.0247	0.0179	0.0057							
5848	129.6	-85.8	-1777.0	102.2	821.3	-426.5	0.0247	0.0179	0.0057							
5849	103.3	-98.7	-1488.7	70.7	926.5	-233.2	0.0089	0.0179	0.0140							
5850	100.2	-92.6	-1503.0	84.5	898.9	-288.8	0.0089	0.0179	0.0140							
5851	94.9	-86.7	-1524.4	98.3	865.8	-342.2	0.0089	0.0179	0.0140							
5852	88.6	-82.8	-1551.5	111.4	826.7	-392.2	0.0089	0.0179	0.0140							
5853	61.4	-88.9	-1225.9	71.7	894.4	-204.3	0.0202	0.0179	0.0140							
5854	59.7	-84.2	-1251.2	87.1	869.6	-255.7	0.0089	0.0179	0.0140							
5855	56.5	-79.7	-1286.3	101.6	838.9	-304.3	0.0089	0.0179	0.0140							
5856	52.5	-76.9	-1329.8	114.4	801.6	-349.2	0.0089	0.0179	0.0140							
5857	23.8	-77.4	-981.0	69.2	828.8	-172.9	0.0089	0.0179	0.0140							
5858	23.3	-73.6	-1017.1	85.0	808.5	-218.7	0.0089	0.0179	0.0140							
5859	21.9	-69.9	-1065.1	99.0	782.5	-261.4	0.0089	0.0179	0.0140							
5860	20.4	-67.6	-1123.8	110.9	749.8	-300.5	0.0089	0.0179	0.0140							
5861	-13.7	-63.3	-769.7	62.7	727.0	-141.3	0.0089	0.0179	0.0140							
5862	-12.5	-59.1	-815.8	77.6	712.8	-180.5	0.0089	0.0179	0.0140							
5863	-11.5	-55.3	-875.2	90.3	693.8	-216.0	0.0089	0.0179	0.0140							
5864	-10.0	-53.0	-946.2	100.2	669.3	-248.2	0.0089	0.0179	0.0140							
5865	-48.3	-47.8	-623.8	49.6	572.6	-111.4	0.0089	0.0179	0.0140							
5866	-44.3	-41.0	-676.2	62.2	567.3	-142.8	0.0089	0.0179	0.0140							
5867	-39.8	-34.9	-741.1	72.6	559.3	-169.7	0.0089	0.0179	0.0140							
5868	-34.8	-31.4	-816.8	80.4	548.3	-193.6	0.0089	0.0179	0.0140							
5869	-30.7	-27.0	-566.3	-24.9	385.0	-78.7	0.0095	0.0277	0.0244	19.59	6.73	7.64	0.00	-0.23	-0.96	0.0
5870	-28.7	-16.8	-617.0	32.6	391.7	-100.6	0.0099	0.0274	0.0244	16.98	6.16	6.90	0.00	-0.17	-0.99	0.0
5871	-26.8	-7.9	-678.4	40.9	399.3	-117.9	0.0104	0.0269	0.0244	15.78	6.10	6.71	0.00	-0.16	-1.05	0.0
5872	-25.4	-2.8	-747.7	47.6	407.3	-133.6	0.0109	0.0264	0.0244	14.52	6.02	6.50	0.00	-0.14	-1.11	0.0
5873	316.5	-176.1	-2916.3	34.4	238.1	-443.4	0.0247	0.0089	0.0055							
5874	314.3	-169.8	-2857.8	43.2	226.0	-490.4	0.0247	0.0089	0.0055							
5875	312.8	-145.0	-2811.6	49.0	212.1	-548.2	0.0247	0.0089	0.0055							
5876	309.8	-130.8	-2757.9	56.2	197.4	-624.1	0.0247	0.0089	0.0055							
5877	302.1	-175.6	-2792.0	39.8	356.0	-432.1	0.0247	0.0089	0.0055							
5878	301.8	-167.0	-2736.3	49.0	346.4	-478.3	0.0247	0.0089	0.0055							
5879	301.6	-142.2	-2692.5	54.7	335.6	-535.1	0.0247	0.0089	0.0055							
5880	296.3	-133.6	-2642.0	64.7	321.0	-607.8	0.0247	0.0089	0.0055							
5881	286.8	-169.9	-2652.9	47.3	456.5	-421.4	0.0247	0.0089	0.0055							
5882	281.2	-162.3	-2594.0	52.0	444.8	-469.2	0.0247	0.0089	0.0055							
5883	275.4	-140.8	-2545.6	63.2	431.8	-523.8	0.0247	0.0089	0.0055							
5884	259.0	-138.1	-2500.0	75.8	408.6	-588.1	0.0247	0.0089	0.0055							
5885	271.3	-161.3	-2505.4	60.2	535.2	-406.2	0.0247	0.0089	0.0055							
5886	254.4	-159.7	-2449.2	67.7	513.3	-455.2	0.0247	0.0089	0.0055							
5887	235.9	-149.6	-2406.9	79.5	488.4	-504.4	0.0247	0.0089	0.0055							
5888	223.0	-143.4	-2371.7	93.3	458.0	-560.2	0.0247	0.0089	0.0055							
5889	257.2	-158.7	-2368.7	71.5	589.3	-380.1	0.0247	0.0089	0.0055							
5890	248.8	-157.6	-2324.8	82.8	557.4	-429.8	0.0247	0.0089	0.0055							
5891	241.5	-146.9	-2290.6	86.8	528.4	-478.3	0.0247	0.0089	0.0055							
5892	237.4	-139.6	-2266.4	92.9	498.6	-531.5	0.0247	0.0089	0.0055							
5893	264.8	-158.1	-2247.4	73.9	637.9	-353.9	0.0247	0.0089	0.0055							
5894	261.2	-150.5	-2215.4	83.0	608.9	-402.7	0.0247	0.0089	0.0055							
5895	254.2	-139.2	-2193.5	88.2	577.7	-455.2	0.0247	0.0089	0.0055							
5896	238.2	-140.1	-2177.2	96.0	549.5	-510.1	0.0247	0.0089	0.0055							
5897	275.3	-154.4	-2130.0	77.6	691.8	-329.9	0.0247	0.0089	0.0055							
5898	269.3	-145.4	-2106.7	84.4	663.0	-379.0	0.0247	0.0089	0.0055							
5899	257.0	-139.0	-2094.3	95.9	634.9	-433.3	0.0247	0.0089	0.0057							
5900	240.8	-138.2	-2081.6	102.8	603.3	-490.0	0.0247	0.0089	0.0057							
5901	282.5	-145.7	-2000.9	76.5	748.1	-306.2	0.0247	0.0089	0.0057							
5902	274.7	-141.6	-1986.6	85.3	721.0	-358.6	0.0247	0.0089	0.0057							
5903	264.5	-135.2	-1979.2	96.6	691.8	-413.2	0.0247	0.0089	0.0057							
5904	251.4	-131.8	-1974.0	105.5	658.1	-467.5	0.0247	0.0089	0.0057							
5905	287.9	-139.0	-1849.1	75.7	802.7	-285.0	0.0247	0.0089	0.0057							
5906	277.7	-135.8	-1842.4	87.9	776.0	-339.8	0.0247	0.0089	0.0057							
5907	261.9	-131.8	-1842.4	100.3	747.0	-393.6	0.0247	0.0089	0.0057							
5908	242.4	-129.7	-1846.4	112.2	713.5	-446.5	0.0247	0.0089	0.0057							
5909	274.5	-134.6	-1667.2	76.8	846.2	-263.6	0.0089	0.0089	0.0140							
5910	263.8	-131.8	-1670.1	92.0	819.1	-318.3	0.0247	0.0089	0.0057							
5911	247.4	-128.5	-1679.5	106.9	787.8	-371.1	0.0247	0.0089	0.0057							
5912	226.3	-126.6	-1694.1	120.3	751.2	-421.1	0.0247	0.0089	0.0057							
5913	257.8	-129.0	-1461.4	77.2	864.3	-239.3	0.0089	0.0089	0.0140							
5914	247.1	-126.9	-1475.6	94.7	838.4	-292.1	0.0089	0.0089	0.0140							
5915	230.7	-123.8	-1498.1	111.7	806.7	-342.5	0.0089	0.0089	0.0140							
5916	208.8	-121.7	-1527.6	126.7	768.5	-389.8	0.0089	0.0089	0.0140							
5917	242.3	-118.8	-1247.4	76.1	859.7	-212.5	0.0089	0.0089	0.0140							
5918	231.4	-118.2	-1273.4	94.9	836.7	-262.0	0.0202	0.0089	0.0140							
5919	214.9	-116.1	-1309.7	113.1	806.8	-309.1	0.0202	0.0089	0.0140							
5920	192.5	-113.8	-1355.4	129.3	768.2	-353.3	0.0089	0.0089	0.0140							
5921	224.9	-101.7	-1034.1	73.9	838.2	-185.0	0.0202	0.0089	0.0140							
5922	213.4	-101.8	-1071.9	93.2	819.6	-230.4	0.0202	0.0089	0.0140							
5923	196.6	-101.3	-1122.3	111.5	793.6	-273.2	0.0202	0.0089	0.0140							
5924	174.2	-99.9	-1184.3	127.6	756.0	-313.5	0.0202	0.0089	0.0140							
5925	192.6	-79.8	-825.4	71.5	803.1	-160.0	0.0202	0.0089	0.0140							
5926	181.0	-77.9	-876.5	91.0	789.9	-201.8	0.0202	0.0089	0.0140							
5927	164.6	-76.1	-941.9	108.7	770.1	-239.3	0.0202	0.0089	0.0140							
5928	143.5	-75.1	-1019.8	123.2	736.1	-273.6	0.0089	0.0089	0.0140							
5929	115.5	-57.9	-629.7	68.4	742.0	-145.1	0.0202	0.0089	0.0140							
5930	107.2	-51.4	-698.7	88.2	733.2	-184.7	0.0202	0.0089	0.0140							
5931	95.4	-43.7	-783.5	105.3	720.7	-216.5	0.0202	0.0089	0.0140							
5932	80.0	-38.4	-877.9	117.4	694.7	-240.6	0.0202	0.0089	0.0140							
5933	-67.2	-54.4	-598.1	52.2	498.2	-152.1	0.0095	0.0188	0.0244	24.83	12.53	9.66	0.00	-0.27	-1.16	0.0
5934	-60.9	-35.7	-673.6	68.7	500.1	-188.7	0.0099	0.0185	0.0244	22.67	12.12	9.16	0.00	-0.22	-1.22	0.0
5935	-52.8	-12.8	-762.8	83.3	499.8	-211.4	0.0103	0.0180	0.0244	20.17	11.55	8.52	0.00	-0.18	-1.28	0.0
5936	-45.8	7.1	-853.5	93.8	491.4	-219.9	0.0108	0.0175	0.0244	17.26	10.68	7.65	0.00	-0.13	-1.32	0.0
5937	317.4	-173.2	-2686.0	33.0	197.6	-437.2	0.0247	0.0089	0.0038							
5938	308.8	-178.6	-2624.9	39.8	188.7	-496.0	0.0247	0.0089	0.0038							
5939	297.3	-184.1	-2568.7	46.1	178.0	-553.8	0.0247	0.0089	0.0038							
5940	282.0	-191.9	-2514.9	50.6	165.3	-608.0	0.0247	0.0089	0.0038							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5941	314.9	-172.1	-2586.6	42.2	308.8	-425.4	0.0247	0.0089	0.0038							
5942	304.8	-178.1	-2528.5	49.9	296.1	-483.2	0.0247	0.0089	0.0038							
5943	291.8	-184.0	-2476.4	57.9	281.0	-538.9	0.0247	0.0089	0.0038							
5944	275.8	-190.8	-2429.3	64.0	262.7	-591.4	0.0247	0.0089	0.0038							
5945	309.7	-170.9	-2474.4	52.1	404.1	-411.3	0.0247	0.0089	0.0038							
5946	297.9	-177.5	-2421.1	61.9	386.6	-467.6	0.0247	0.0089	0.0038							
5947	283.4	-184.3	-2375.6	70.0	366.7	-521.2	0.0247	0.0089	0.0038							
5948	268.4	-190.3	-2336.8	76.7	344.8	-571.8	0.0247	0.0089	0.0038							
5949	305.9	-170.3	-2357.0	61.8	482.0	-393.7	0.0247	0.0089	0.0038							
5950	295.0	-176.6	-2310.9	72.1	461.0	-448.6	0.0247	0.0089	0.0038							
5951	281.9	-182.0	-2272.4	80.2	438.6	-501.7	0.0247	0.0089	0.0038							
5952	265.7	-188.3	-2241.0	86.0	415.3	-551.9	0.0247	0.0089	0.0038							
5953	309.5	-168.9	-2240.2	69.8	547.0	-373.7	0.0247	0.0089	0.0038							
5954	297.5	-174.7	-2201.3	80.1	524.4	-428.4	0.0247	0.0089	0.0038							
5955	281.8	-180.3	-2170.5	89.9	500.1	-481.2	0.0247	0.0089	0.0038							
5956	262.8	-186.0	-2145.8	97.0	474.4	-531.6	0.0247	0.0089	0.0038							
5957	318.3	-166.9	-2124.4	75.9	603.7	-351.9	0.0247	0.0089	0.0038							
5958	305.7	-173.1	-2093.6	87.9	579.0	-407.2	0.0247	0.0089	0.0038							
5959	289.3	-178.4	-2070.0	98.4	553.3	-459.2	0.0247	0.0089	0.0038							
5960	270.5	-182.1	-2053.0	105.7	526.0	-509.7	0.0247	0.0089	0.0057							
5961	332.4	-165.4	-2007.3	79.0	654.3	-329.9	0.0247	0.0089	0.0057							
5962	319.4	-171.1	-1985.0	93.0	629.6	-385.5	0.0247	0.0089	0.0057							
5963	302.3	-174.5	-1968.8	104.1	603.4	-437.9	0.0247	0.0089	0.0057							
5964	280.2	-178.5	-1959.2	113.5	576.1	-488.5	0.0247	0.0089	0.0057							
5965	348.8	-165.2	-1884.5	81.0	700.0	-308.9	0.0247	0.0089	0.0057							
5966	334.9	-168.5	-1869.9	96.8	675.7	-364.0	0.0247	0.0089	0.0057							
5967	314.6	-171.6	-1861.5	110.6	649.5	-416.8	0.0247	0.0089	0.0057							
5968	288.3	-175.4	-1858.9	122.1	621.0	-467.2	0.0247	0.0089	0.0057							
5969	365.2	-164.5	-1752.0	81.4	737.0	-288.0	0.0247	0.0089	0.0057							
5970	350.3	-166.7	-1745.5	99.2	713.4	-342.3	0.0247	0.0089	0.0057							
5971	328.3	-168.5	-1745.3	115.9	687.0	-394.5	0.0247	0.0089	0.0057							
5972	299.1	-171.0	-1751.1	129.9	657.3	-444.0	0.0247	0.0089	0.0057							
5973	385.9	-162.3	-1607.8	79.9	761.6	-266.6	0.0089	0.0089	0.0140							
5974	370.0	-164.0	-1610.6	99.8	739.3	-319.7	0.0089	0.0089	0.0140							
5975	345.5	-164.8	-1620.2	119.5	713.5	-370.6	0.0089	0.0089	0.0140							
5976	312.0	-166.1	-1636.4	136.8	683.7	-418.8	0.0247	0.0089	0.0022							
5977	412.9	-154.9	-1452.0	76.4	772.6	-244.3	0.0089	0.0089	0.0140							
5978	396.4	-158.2	-1465.5	97.6	752.4	-295.3	0.0089	0.0089	0.0140							
5979	370.2	-159.4	-1486.8	120.0	727.9	-344.3	0.0089	0.0089	0.0140							
5980	332.1	-159.4	-1515.3	141.4	698.2	-391.0	0.0089	0.0089	0.0140							
5981	452.5	-137.2	-1288.1	70.8	771.1	-221.0	0.0202	0.0089	0.0140							
5982	435.2	-142.7	-1313.2	92.1	754.1	-269.1	0.0089	0.0089	0.0140							
5983	407.5	-147.5	-1347.3	116.1	732.3	-315.6	0.0202	0.0089	0.0140							
5984	364.5	-148.8	-1389.6	142.0	703.4	-360.5	0.0202	0.0089	0.0140							
5985	510.5	-108.2	-1119.6	65.0	763.6	-197.4	0.0202	0.0089	0.0140							
5986	490.7	-112.5	-1156.4	84.6	751.2	-242.5	0.0202	0.0089	0.0140							
5987	461.0	-120.1	-1203.9	107.8	734.5	-285.3	0.0202	0.0089	0.0140							
5988	413.8	-127.8	-1260.6	137.1	707.4	-327.6	0.0202	0.0089	0.0140							
5989	590.9	-69.6	-939.2	61.8	766.2	-175.7	0.0202	0.0089	0.0140							
5990	565.6	-69.0	-989.3	80.4	758.7	-219.3	0.0202	0.0089	0.0140							
5991	531.0	-71.4	-1052.0	100.5	751.0	-258.0	0.0202	0.0089	0.0140							
5992	480.4	-82.0	-1124.5	128.1	728.3	-294.3	0.0202	0.0089	0.0140							
5993	690.8	-23.0	-712.5	63.1	817.1	-164.6	0.0202	0.0158	0.0140							
5994	658.0	-19.7	-780.6	86.2	812.0	-212.8	0.0202	0.0089	0.0140							
5995	612.9	-10.8	-866.7	108.6	817.1	-251.6	0.0202	0.0089	0.0140							
5996	556.1	-3.3	-963.0	130.6	809.0	-277.0	0.0202	0.0089	0.0140							
5997	756.1	40.7	-254.8	78.7	1070.2	-215.3	0.0208	0.0257	0.0244	69.08	55.86	58.76	0.00	-1.35	-2.42	0.0
5998	719.1	28.9	-378.4	113.6	1054.0	-287.4	0.0211	0.0254	0.0244	64.37	53.66	55.68	0.00	-1.25	-2.46	0.0
5999	667.7	35.5	-544.2	151.8	1065.7	-346.6	0.0216	0.0249	0.0244	59.79	51.70	52.75	0.00	-1.15	-2.56	0.0
6000	605.0	67.0	-724.5	183.3	1083.7	-368.0	0.0221	0.0244	0.0244	54.95	49.58	49.59	0.00	-1.03	-2.65	0.0
6001	-48.6	-145.9	76.0	161.0	108.6	98.8	0.0331	0.0462	0.0022	6.64	4.76	98.41	0.00	-0.29	-0.49	0.0
6002	-69.6	-145.8	78.1	174.2	109.6	105.2	0.0331	0.0462	0.0022	6.83	4.89	101.12	0.00	-0.30	-0.51	0.0
6003	-64.2	-131.3	-85.2	212.9	67.5	106.0	0.0331	0.0462	0.0022	5.26	3.77	77.92	0.00	-0.31	-0.49	0.0
6004	-91.3	-129.4	-87.5	224.2	65.3	115.2	0.0331	0.0462	0.0022	5.31	3.80	78.67	0.00	-0.32	-0.52	0.0
6005	-143.2	-128.7	-188.8	237.6	-50.7	65.7	0.0331	0.0462	0.0022	3.09	2.21	45.75	0.00	-0.26	-0.51	0.0
6006	-170.6	-129.2	-198.7	249.5	-54.4	81.6	0.0331	0.0462	0.0022	3.09	2.22	45.85	0.00	-0.26	-0.54	0.0
6007	-315.5	-164.9	-311.3	227.1	-204.8	-15.8	0.0331	0.0462	0.0022	1.63	1.17	24.22	0.00	-0.32	-0.64	0.0
6008	-348.0	-167.6	-337.5	242.3	-232.4	-16.1	0.0331	0.0462	0.0022	1.90	1.36	28.09	0.00	-0.34	-0.70	0.0
6009	-665.8	-278.8	-595.9	166.0	-550.6	-135.8	0.0331	0.0462	0.0022	1.69	1.21	25.10	0.00	-0.47	-1.24	0.0
6010	-701.4	-290.8	-667.4	184.4	-592.3	-167.5	0.0331	0.0462	0.0022	2.31	1.65	34.23	0.00	-0.54	-1.35	0.0
6011	-1412.0	-623.3	-1853.2	32.7	-1461.6	-374.9	0.0331	0.0462	0.0057				-0.03	-0.72	-3.14	
6012	-1469.7	-668.9	-2087.3	42.3	-1602.5	-581.4	0.0331	0.0462	0.0057	2.55	1.83	14.93	0.00	-0.92	-3.56	0.0
6013	-2069.5	-1023.6	-3747.4	-106.1	-1057.3	-38.1	0.0331	0.0462	0.0057				-1.01	-1.57	-4.26	
6014	-2118.5	-1054.5	-4180.2	-73.2	-1035.8	-322.0	0.0331	0.0462	0.0057				-1.02	-1.69	-4.64	
6015	-2711.6	-1180.9	-4436.0	-231.1	-1039.1	40.7	0.0331	0.0462	0.0057				-1.13	-2.27	-4.93	
6016	-2746.1	-1253.1	-4776.5	-284.2	-999.4	-402.8	0.0331	0.0462	0.0057				-1.18	-2.35	-5.24	
6017	-3661.4	-1309.2	-4550.7	-595.6	-1403.0	-378.3	0.0331	0.0462	0.0057				-1.17	-2.68	-5.68	
6018	-3371.3	-1408.3	-4673.6	-710.9	-1118.1	-647.1	0.0331	0.0462	0.0057				-1.15	-2.78	-5.52	
6019	-6073.0	-2325.1	-9220.4	-1266.4	-6198.0	-1930.6	0.0331	0.0462	0.0057				-1.20	-1.94	-14.48	
6020	-4759.7	-2693.5	-7183.9	-1826.6	-4353.5	-3845.3	0.0331	0.0462	0.0057				-0.32	-2.01	-12.31	
6021	-2037.4	-1864.2	-13679.9	233.9	-1379.8	-647.5	0.0331	0.0462	0.0055				-1.55	-2.16	-13.87	
6022	-3464.8	-2777.8	-11592.8	-986.5	-2840.1	-3234.4	0.0331	0.0462	0.0055				-1.72	-2.57	-13.55	
6023	-1638.3	-1567.0	-10113.6	250.0	759.9	1235.5	0.0331	0.0462	0.0055				-1.12	-1.85	-10.35	
6024	-1766.8	-1556.3	-11443.6	205.7	-706.9	-367.2	0.0331	0.0462	0.0055				-1.38	-1.88	-11.51	
6025	-1538.8	-1434.8	-8587.9	43.0	-1089.1	1070.2	0.0331	0.0462	0.0055				-1.20	-1.45	-8.90	
6026	-1540.8	-1375.5	-9996.6	41.3	-268.3	-144.2	0.0331	0.0462	0.0055				-1.36	-1.54	-10.01	
6027	-1193.6	-1501.2	-9580.5	19.2	401.7	69.3	0.0331	0.0462	0.0055				-1.17	-1.50	-9.60	
6028	-1274.9	-1432.2	-9536.7	98.5	412.7	-69.8	0.0331	0.0462	0.0055				-1.21	-1.47	-9.56	
6029	-1564.2	-1072.2	-6458.7	-46.4	3339.6	273.8	0.0331	0.0462	0.0055	4.07	2.91	24.67	0.00	-1.20	-8.30	0.0
6030	-1540.4	-1099.0	-6491.0	-35.2	3154.5	366.3	0.0331	0.0462	0.0055	0.28	0.20	1.67	0.00	-1.11	-8.05	0.0
6031	-683.6	-246.4	-2273.7	-25.4	975.0	199.9	0.0331	0.0462	0.0055				-0.16	-0.29	-2.75	
6032	-691.4	-400.8	-2481.9	9.0	843.8	440.8	0.0331	0.0462	0.0055				-0.18	-0.51	-2.88	
6033	-89.4	59.4	52.8	30.7	-159.2	170.2	0.0120	0.0432	0.0127	21.20	5.87	19.96	0.00	-0.24	-0.50	0.0
6034	-95.5	58.8	41.8	30.9	-182.8	174.8	0.0124	0.0427	0.0127	21.06	6.12	20.59	0.00	-0.24	-0.54	0.0
6035	-294.7	16.0	-301.1	-29.0	-327.5	79.7	0.0089	0.0357	0.0022							
6036	-298.8	16.9	-315.0	-32.1	-349.9	74.6	0.0089	0.0357	0.0022							
6037	-536.0	-48.1	-590.6	-84.8	-545.5	-97.0	0.0089	0.0357	0.0022							
6038	-534.9	-47.7	-614.7	-91.3	-565.2	-106.5	0.0089	0.0357	0.0022							
6039	-811.1	-135.0	-927.5	-156.1	-849.1	-238.7	0.0089	0.0357	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6040	-799.5	-129.0	-965.0	-168.3	-866.0	-252.8	0.0247	0.0357	0.0022							
6041	-1084.0	-233.5	-1456.3	-220.6	-1254.9	-414.2	0.0247	0.0357	0.0022							
6042	-1051.6	-221.9	-1516.0	-244.1	-1263.2	-443.8	0.0247	0.0357	0.0022							
6043	-1149.5	-294.0	-2203.8	-227.1	-1605.5	-579.2	0.0247	0.0357	0.0057							
6044	-1076.2	-247.1	-2251.6	-254.3	-1561.3	-615.9	0.0247	0.0357	0.0057							
6045	-1166.7	-392.8	-3173.7	-237.1	-1954.4	-769.3	0.0247	0.0357	0.0057							
6046	-1068.2	-301.1	-3176.1	-242.4	-1904.6	-820.5	0.0247	0.0357	0.0057							
6047	-1297.2	-584.7	-4379.8	-282.7	-2064.5	-887.8	0.0247	0.0357	0.0057							
6048	-1187.7	-472.9	-4372.7	-280.5	-1957.5	-921.0	0.0247	0.0357	0.0057							
6049	-1415.7	-742.7	-5913.2	-258.1	-2349.6	-1062.0	0.0247	0.0357	0.0057							
6050	-1343.7	-663.9	-5769.8	-315.4	-2174.1	-1183.9	0.0247	0.0357	0.0057							
6051	-274.0	-417.6	-7035.2	150.4	-1543.2	-998.4	0.0247	0.0357	0.0057							
6052	-715.3	-454.9	-7021.1	125.5	-1735.1	-904.3	0.0247	0.0357	0.0057							
6053	-472.6	-407.1	-7717.9	329.3	-1292.7	-884.9	0.0247	0.0357	0.0055							
6054	-359.7	-234.5	-7737.8	572.7	-1316.5	-725.7	0.0247	0.0357	0.0057							
6055	-773.9	-594.2	-8405.9	331.6	-521.3	-531.9	0.0247	0.0357	0.0055							
6056	-606.1	-445.3	-8270.1	323.7	-654.8	-550.7	0.0247	0.0357	0.0055							
6057	-701.3	-675.7	-8069.6	107.2	273.2	-216.7	0.0247	0.0357	0.0055							
6058	-612.1	-488.2	-8143.7	208.1	89.5	-223.1	0.0247	0.0357	0.0055							
6059	-438.1	-650.1	-7179.2	141.1	710.1	97.8	0.0247	0.0357	0.0055							
6060	-526.0	-542.2	-7429.6	243.5	689.3	-58.5	0.0247	0.0357	0.0055							
6061	-766.0	-730.4	-6296.5	179.1	900.8	152.1	0.0247	0.0357	0.0055							
6062	-809.8	-659.3	-6621.6	293.3	756.5	279.7	0.0247	0.0357	0.0055							
6063	-1556.5	-865.7	-5425.9	86.7	903.3	267.4	0.0247	0.0357	0.0055							
6064	-1515.4	-838.9	-5952.5	134.4	825.1	519.6	0.0247	0.0357	0.0055							
6065	-97.4	144.6	-404.0	-67.5	-417.4	178.7	0.0118	0.0255	0.0127	28.25	13.10	26.26	0.00	-0.31	-1.04	0.0
6066	-95.0	143.8	-446.2	-75.9	-445.6	178.1	0.0122	0.0250	0.0127	28.27	13.83	27.25	0.00	-0.33	-1.11	0.0
6067	-254.2	98.6	-714.7	-105.6	-662.1	-89.3	0.0089	0.0179	0.0022							
6068	-242.9	95.9	-750.6	-116.6	-681.1	-100.6	0.0089	0.0179	0.0022							
6069	-411.1	45.8	-1053.0	-151.0	-899.5	-230.8	0.0089	0.0179	0.0022							
6070	-387.1	42.4	-1087.2	-162.9	-907.9	-252.1	0.0089	0.0179	0.0022							
6071	-546.0	-12.3	-1448.6	-197.2	-1146.5	-375.5	0.0089	0.0179	0.0022							
6072	-508.1	-15.7	-1479.4	-208.5	-1139.6	-404.1	0.0089	0.0179	0.0022							
6073	-627.5	-74.2	-1931.8	-232.6	-1383.6	-527.2	0.0247	0.0179	0.0022							
6074	-575.4	-71.4	-1949.0	-240.2	-1353.2	-554.8	0.0247	0.0179	0.0022							
6075	-678.4	-146.1	-2532.6	-256.9	-1599.4	-685.4	0.0247	0.0179	0.0022							
6076	-623.6	-143.1	-2528.3	-262.6	-1549.0	-710.6	0.0247	0.0179	0.0022							
6077	-648.6	-207.8	-3272.5	-241.9	-1749.4	-834.7	0.0247	0.0179	0.0057							
6078	-599.1	-200.8	-3230.1	-256.0	-1671.3	-859.0	0.0247	0.0179	0.0057							
6079	-508.9	-248.1	-4160.2	-167.4	-1790.9	-959.8	0.0247	0.0179	0.0057							
6080	-477.2	-220.3	-4045.0	-191.8	-1706.7	-992.2	0.0247	0.0179	0.0057							
6081	-254.7	-255.6	-5049.0	-36.2	-1520.4	-984.4	0.0247	0.0179	0.0057							
6082	-268.0	-194.6	-4896.4	-63.7	-1478.9	-998.7	0.0247	0.0179	0.0057							
6083	-302.8	-319.7	-5917.1	87.9	-1210.1	-933.3	0.0247	0.0179	0.0057							
6084	-213.4	-200.4	-5735.3	24.8	-1152.2	-988.1	0.0247	0.0179	0.0057							
6085	-46.1	-234.3	-6571.5	183.5	-903.1	-852.7	0.0247	0.0179	0.0055							
6086	-70.5	-153.3	-6383.6	29.9	-894.9	-955.6	0.0247	0.0179	0.0057							
6087	165.9	-113.0	-6874.8	251.1	-601.0	-783.0	0.0247	0.0179	0.0055							
6088	123.5	-18.8	-6753.6	219.5	-597.5	-894.8	0.0247	0.0179	0.0055							
6089	-20.8	-161.7	-7006.5	281.2	-176.5	-669.0	0.0247	0.0179	0.0055							
6090	1.4	-38.9	-6919.5	280.0	-273.1	-737.1	0.0247	0.0179	0.0055							
6091	-267.5	-217.8	-6677.6	201.1	-57.9	-524.5	0.0247	0.0179	0.0055							
6092	-195.1	-55.1	-6674.0	220.1	-136.3	-575.1	0.0247	0.0179	0.0055							
6093	-426.9	-237.2	-6203.5	141.4	253.8	-384.1	0.0247	0.0179	0.0055							
6094	-391.7	-81.7	-6302.6	172.4	211.2	-508.7	0.0247	0.0179	0.0055							
6095	-574.8	-275.6	-5887.3	97.0	277.5	-330.4	0.0247	0.0179	0.0055							
6096	-522.4	-100.5	-5995.1	120.0	253.8	-463.7	0.0247	0.0179	0.0055							
6097	-113.1	138.7	-1001.9	-86.2	-565.2	143.7	0.0117	0.0256	0.0127	25.14	11.45	23.09	0.00	-0.28	-1.58	0.0
6098	-107.9	138.5	-1057.8	-96.6	-588.2	135.4	0.0121	0.0252	0.0127	25.17	12.07	23.93	0.00	-0.29	-1.65	0.0
6099	-206.0	95.0	-1186.0	-129.4	-797.5	-143.5	0.0089	0.0179	0.0022							
6100	-192.2	90.8	-1234.4	-141.4	-806.2	-157.5	0.0089	0.0179	0.0022							
6101	-278.2	54.6	-1441.7	-163.9	-1007.4	-285.2	0.0089	0.0179	0.0022							
6102	-255.4	48.6	-1480.7	-176.6	-1002.5	-306.1	0.0089	0.0179	0.0022							
6103	-324.9	16.6	-1761.8	-190.6	-1194.5	-419.8	0.0089	0.0179	0.0022							
6104	-293.6	10.7	-1788.6	-203.0	-1176.1	-447.0	0.0089	0.0179	0.0022							
6105	-341.2	-19.3	-2149.3	-206.8	-1354.5	-549.4	0.0089	0.0179	0.0022							
6106	-305.1	-25.4	-2160.5	-219.1	-1320.8	-581.8	0.0247	0.0179	0.0022							
6107	-310.8	-50.4	-2607.0	-204.6	-1468.1	-670.3	0.0247	0.0179	0.0022							
6108	-272.9	-52.9	-2594.2	-217.7	-1418.3	-708.1	0.0247	0.0179	0.0022							
6109	-240.4	-75.8	-3124.0	-182.1	-1507.7	-773.1	0.0247	0.0179	0.0057							
6110	-207.3	-73.7	-3078.7	-195.6	-1450.0	-816.4	0.0247	0.0179	0.0057							
6111	-141.2	-89.3	-3663.4	-137.8	-1442.4	-841.0	0.0247	0.0179	0.0057							
6112	-121.7	-86.6	-3586.6	-155.9	-1384.5	-891.3	0.0247	0.0179	0.0057							
6113	-66.3	-96.3	-4208.0	-79.7	-1284.9	-881.2	0.0247	0.0179	0.0057							
6114	-51.0	-90.8	-4101.8	-109.8	-1220.6	-938.6	0.0247	0.0179	0.0057							
6115	49.6	-76.4	-4773.4	18.0	-936.0	-885.7	0.0247	0.0179	0.0057							
6116	27.8	-74.8	-4645.5	-47.5	-887.5	-921.7	0.0247	0.0179	0.0057							
6117	108.2	-156.6	-5989.4	109.8	-256.3	-907.0	0.0247	0.0179	0.0057							
6118	103.5	-131.8	-5921.9	70.0	-194.3	-758.6	0.0247	0.0179	0.0057							
6119	52.9	-226.5	-6895.0	153.9	-539.8	-1061.7	0.0247	0.0179	0.0055							
6120	44.5	-188.8	-6771.6	130.5	-578.6	-766.9	0.0247	0.0179	0.0055							
6121	9.4	-146.5	-6284.1	136.9	-856.4	-1029.9	0.0247	0.0179	0.0055							
6122	3.8	-118.9	-6432.2	149.0	-672.9	-1057.5	0.0247	0.0179	0.0055							
6123	12.5	-158.9	-6266.7	132.2	212.1	-885.2	0.0247	0.0179	0.0055							
6124	-2.1	-125.0	-6434.3	119.5	-88.4	-975.5	0.0247	0.0179	0.0055							
6125	-91.7	-136.6	-5976.6	112.0	-582.4	-815.3	0.0247	0.0179	0.0055							
6126	-72.3	-90.2	-5881.5	135.6	-638.6	-737.2	0.0247	0.0179	0.0055							
6127	-152.7	-48.8	-5059.7	92.1	132.0	-631.6	0.0247	0.0179	0.0055							
6128	-119.9	-20.9	-4981.9	106.4	120.2	-746.6	0.0247	0.0179	0.0055							
6129	-128.2	89.2	-1512.0	-79.8	-642.4	81.6	0.0115	0.0257	0.0127	18.44	8.26	16.73	0.00	-0.21	-1.98	0.0
6130	-122.9	90.0	-1564.4	-89.1	-658.0	-85.0	0.0119	0.0254	0.0127	14.22	6.69	13.34	0.00	-0.11	-2.00	0.0
6131	-178.9	51.3	-1599.0	-121.2	-826.4	-189.7	0.0089	0.0179	0.0022							
6132	-166.7	48.3	-1647.1	-131.0	-827.9	-206.0	0.0089	0.0179	0.0022							
6133	-204.1	18.5	-1757.9	-150.8	-992.2	-307.0	0.0089	0.0179	0.0022							
6134	-186.3	13.5	-1797.2	-160.7	-980.5	-327.0	0.0089	0.0179	0.0022							
6135	-203.4	-9.0	-1979.2	-168.9	-1132.2	-421.1	0.0089	0.0179	0.0022							
6136	-180.9	-15.1	-2005.8	-178.6	-1108.8	-445.1	0.0089	0.0179	0.0022							
6137	-174.2	-31.5	-2253.8	-174.4	-1236.8	-528.6	0.0089	0.0179	0.0022							
6138	-149.5	-37.4	-2264.6	-183.8	-1202.0	-555.5	0.0089	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6139	-117.9	-49.1	-2570.3	-166.9	-1295.0	-625.4	0.0247	0.0179	0.0022							
6140	-94.5	-55.2	-2561.9	-176.2	-1250.9	-655.7	0.0247	0.0179	0.0022							
6141	-36.4	-60.3	-2911.6	-145.2	-1295.2	-706.3	0.0247	0.0179	0.0057							
6142	-17.0	-66.0	-2881.1	-155.0	-1246.5	-740.8	0.0247	0.0179	0.0022							
6143	60.5	-66.1	-3256.5	-111.8	-1227.9	-764.1	0.0247	0.0179	0.0057							
6144	74.9	-69.8	-3202.0	-122.3	-1179.5	-805.9	0.0247	0.0179	0.0057							
6145	172.1	-61.5	-3570.0	-70.3	-1077.8	-801.3	0.0247	0.0179	0.0057							
6146	179.2	-66.0	-3490.8	-79.3	-1029.8	-841.2	0.0247	0.0179	0.0057							
6147	271.7	-56.0	-3786.8	-33.1	-800.2	-807.3	0.0247	0.0179	0.0057							
6148	281.2	-58.3	-3684.9	-32.8	-757.8	-837.4	0.0247	0.0179	0.0057							
6149	389.9	28.0	-3313.4	-15.3	-156.3	-834.9	0.0247	0.0179	0.0057							
6150	399.3	19.4	-3146.9	10.6	-79.9	-697.5	0.0247	0.0179	0.0057							
6151	402.5	114.4	-2568.2	-8.7	-459.4	-1024.5	0.0247	0.0179	0.0055							
6152	407.4	105.3	-2417.8	-10.6	-483.1	-721.3	0.0247	0.0179	0.0055							
6153	383.8	66.7	-3177.1	55.5	-875.0	-1047.5	0.0247	0.0179	0.0055							
6154	411.4	67.1	-2846.0	14.3	-671.9	-1043.8	0.0247	0.0179	0.0055							
6155	381.7	92.1	-3342.8	91.8	123.5	-949.6	0.0247	0.0179	0.0055							
6156	406.0	93.0	-2936.4	79.5	-138.8	-1005.6	0.0247	0.0179	0.0055							
6157	324.4	97.3	-3325.0	95.8	-663.3	-904.7	0.0247	0.0179	0.0055							
6158	346.4	85.4	-3245.5	69.5	-705.8	-797.1	0.0247	0.0179	0.0055							
6159	313.2	13.5	-4019.8	86.0	-67.6	-733.3	0.0247	0.0179	0.0055							
6160	326.9	19.5	-3959.5	74.1	-73.4	-829.0	0.0247	0.0179	0.0055							
6161	-141.9	24.2	-1885.2	-62.6	-680.9	-156.1	0.0114	0.0259	0.0127	8.22	3.63	7.38	0.00	-0.06	-2.23	0.0
6162	-137.7	26.1	-1927.0	-69.6	-689.6	-171.4	0.0118	0.0255	0.0127	8.42	3.89	7.80	0.00	-0.06	-2.28	0.0
6163	-168.2	-6.3	-1912.0	-97.9	-816.2	-238.2	0.0089	0.0179	0.0022							
6164	-158.6	-7.1	-1952.6	-105.1	-813.0	-256.3	0.0089	0.0179	0.0022							
6165	-171.2	-32.6	-1996.5	-123.7	-938.1	-326.5	0.0089	0.0179	0.0022							
6166	-157.7	-35.3	-2031.6	-130.5	-923.4	-346.6	0.0089	0.0179	0.0022							
6167	-150.9	-54.1	-2131.1	-139.2	-1037.0	-415.6	0.0089	0.0179	0.0022							
6168	-134.6	-58.1	-2156.7	-145.5	-1012.5	-437.9	0.0089	0.0179	0.0022							
6169	-108.3	-71.0	-2306.7	-143.8	-1103.9	-500.8	0.0089	0.0179	0.0022							
6170	-91.8	-75.8	-2320.0	-149.7	-1070.8	-524.8	0.0089	0.0179	0.0022							
6171	-44.9	-83.4	-2511.3	-137.4	-1130.1	-577.8	0.0247	0.0179	0.0022							
6172	-30.2	-88.5	-2509.9	-142.9	-1090.6	-604.0	0.0247	0.0179	0.0022							
6173	35.0	-91.0	-2728.7	-120.6	-1108.1	-642.0	0.0247	0.0179	0.0022							
6174	46.3	-96.3	-2710.8	-125.8	-1066.2	-671.1	0.0247	0.0179	0.0022							
6175	126.0	-92.8	-2936.4	-95.8	-1030.9	-688.9	0.0247	0.0179	0.0057							
6176	133.1	-99.3	-2902.4	-100.3	-990.2	-720.6	0.0247	0.0179	0.0057							
6177	218.0	-89.1	-3102.0	-69.2	-892.9	-715.6	0.0247	0.0179	0.0057							
6178	222.3	-99.6	-3053.5	-70.3	-855.6	-749.8	0.0247	0.0179	0.0057							
6179	299.4	-85.1	-3154.6	-51.9	-688.7	-730.9	0.0247	0.0179	0.0057							
6180	301.5	-98.9	-3089.5	-40.8	-654.0	-753.8	0.0247	0.0179	0.0057							
6181	253.2	-118.3	-3118.7	-56.3	-542.7	-751.7	0.0247	0.0179	0.0057							
6182	249.3	-142.8	-3052.1	-30.5	-522.0	-761.0	0.0247	0.0179	0.0057							
6183	180.5	-160.9	-3085.2	-50.8	-446.4	-786.8	0.0247	0.0179	0.0055							
6184	184.7	-185.0	-2989.1	-47.9	-400.9	-785.6	0.0247	0.0179	0.0055							
6185	282.9	-105.7	-2988.8	-9.7	-361.8	-831.3	0.0247	0.0179	0.0055							
6186	261.9	-151.4	-2882.4	-32.7	-367.5	-790.2	0.0247	0.0179	0.0055							
6187	289.0	-78.3	-3051.1	47.3	-389.5	-821.9	0.0247	0.0179	0.0055							
6188	269.3	-133.5	-2954.1	34.5	-371.7	-811.6	0.0247	0.0179	0.0055							
6189	309.1	-75.8	-3171.5	62.8	-193.6	-775.8	0.0247	0.0179	0.0055							
6190	324.2	-98.4	-3042.0	36.9	-202.7	-835.0	0.0247	0.0179	0.0055							
6191	420.4	-36.0	-3166.7	65.4	-70.6	-758.1	0.0247	0.0179	0.0055							
6192	428.5	-48.1	-3044.1	54.1	-77.7	-819.3	0.0247	0.0179	0.0055							
6193	-154.6	-43.8	-2141.9	-41.9	-702.0	-230.6	0.0113	0.0171	0.0127	6.85	4.53	6.08	0.00	-0.11	-2.47	0.0
6194	-151.9	-40.7	-2172.1	-46.6	-704.7	-248.1	0.0116	0.0167	0.0127	6.79	4.74	6.23	0.00	-0.10	-2.50	0.0
6195	-169.0	-67.1	-2133.6	-70.1	-799.4	-287.9	0.0089	0.0089	0.0022							
6196	-161.8	-65.6	-2164.8	-74.8	-792.5	-307.4	0.0089	0.0089	0.0022							
6197	-165.4	-88.0	-2165.4	-92.9	-886.6	-353.2	0.0089	0.0089	0.0022							
6198	-155.2	-88.1	-2194.3	-97.0	-870.5	-374.0	0.0089	0.0089	0.0022							
6199	-143.1	-105.8	-2233.2	-108.6	-954.2	-421.1	0.0089	0.0089	0.0022							
6200	-131.1	-107.2	-2256.3	-112.2	-930.4	-443.2	0.0089	0.0089	0.0022							
6201	-103.2	-120.0	-2330.9	-116.2	-994.4	-487.2	0.0089	0.0089	0.0022							
6202	-91.4	-122.4	-2345.7	-119.3	-964.2	-510.1	0.0089	0.0089	0.0022							
6203	-48.2	-130.9	-2449.4	-115.5	-1001.3	-547.6	0.0089	0.0089	0.0022							
6204	-38.3	-134.2	-2453.9	-118.1	-966.7	-571.7	0.0247	0.0089	0.0022							
6205	17.1	-138.5	-2575.8	-107.1	-971.1	-599.4	0.0247	0.0089	0.0022							
6206	24.0	-142.5	-2568.7	-109.2	-935.2	-625.0	0.0247	0.0089	0.0022							
6207	85.1	-143.3	-2693.8	-93.4	-903.0	-639.8	0.0247	0.0089	0.0057							
6208	88.2	-148.1	-2675.5	-94.9	-868.5	-666.5	0.0247	0.0089	0.0057							
6209	145.2	-146.5	-2783.9	-77.9	-801.6	-668.4	0.0247	0.0089	0.0057							
6210	144.6	-151.5	-2756.2	-78.2	-771.1	-695.3	0.0247	0.0089	0.0057							
6211	179.5	-150.7	-2841.3	-63.9	-689.6	-687.8	0.0247	0.0089	0.0057							
6212	175.5	-157.8	-2808.5	-64.0	-665.1	-715.9	0.0247	0.0089	0.0057							
6213	213.5	-151.3	-2872.0	-48.9	-574.5	-701.5	0.0247	0.0089	0.0057							
6214	209.9	-157.2	-2832.1	-51.5	-552.4	-730.9	0.0247	0.0089	0.0057							
6215	245.3	-147.0	-2870.5	-35.9	-454.6	-709.0	0.0247	0.0089	0.0055							
6216	235.4	-158.0	-2829.9	-33.2	-443.3	-736.5	0.0247	0.0089	0.0055							
6217	234.4	-161.0	-2863.0	-25.8	-357.6	-711.2	0.0247	0.0089	0.0055							
6218	228.7	-170.1	-2822.1	-21.3	-345.2	-738.9	0.0247	0.0089	0.0055							
6219	270.7	-158.7	-2848.0	13.4	-257.2	-714.5	0.0247	0.0089	0.0055							
6220	266.1	-166.7	-2802.1	-18.5	-251.0	-737.8	0.0247	0.0089	0.0055							
6221	309.8	-145.5	-2827.4	31.1	-152.6	-712.4	0.0247	0.0089	0.0055							
6222	296.0	-164.3	-2782.4	30.3	-148.9	-730.8	0.0247	0.0089	0.0055							
6223	307.9	-145.6	-2782.7	46.8	67.1	-698.6	0.0247	0.0089	0.0055							
6224	297.5	-167.0	-2737.4	47.2	61.1	-719.2	0.0247	0.0089	0.0055							
6225	-166.7	-109.8	-2318.6	20.6	-716.8	-292.9	0.0112	0.0172	0.0127	9.65	6.29	8.49	0.00	-0.24	-2.67	0.0
6226	-165.0	-105.1	-2338.0	-22.5	-714.0	-311.4	0.0115	0.0168	0.0127	6.89	4.71	6.24	0.00	-0.18	-2.67	0.0
6227	-179.4	-128.5	-2291.1	-43.0	-793.1	-338.3	0.0089	0.0089	0.0022							
6228	-173.8	-125.0	-2313.8	-45.5	-783.0	-359.1	0.0089	0.0089	0.0022							
6229	-179.0	-145.6	-2282.9	-64.8	-856.7	-389.2	0.0089	0.0089	0.0022							
6230	-170.9	-143.5	-2306.0	-66.8	-839.6	-411.2	0.0089	0.0089	0.0022							
6231	-163.4	-160.4	-2297.6	-82.6	-900.6	-441.2	0.0089	0.0089	0.0022							
6232	-153.8	-159.7	-2318.2	-84.1	-878.0	-464.3	0.0089	0.0089	0.0022							
6233	-132.6	-172.3	-2334.3	-94.5	-920.2	-491.3	0.0089	0.0089	0.0022							
6234	-123.3	-172.9	-2350.1	-95.7	-893.2	-515.0	0.0089	0.0089	0.0022							
6235	-88.9	-181.6	-2388.4	-99.8	-913.1	-537.4	0.0089	0.0089	0.0022							
6236	-81.3	-183.4	-2397.5	-100.6	-883.2	-561.9	0.0089	0.0089	0.0022							
6237	-36.8	-188.4	-2451.8	-98.9	-878.7	-577.7	0.0247	0.0089	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6238	-31.7	-191.4	-2452.9	-99.3	-848.3	-603.2	0.0247	0.0089	0.0022							
6239	18.2	-193.5	-2515.3	-93.0	-819.2	-611.1	0.0247	0.0089	0.0057							
6240	19.9	-197.5	-2508.2	-93.2	-790.0	-637.1	0.0247	0.0089	0.0057							
6241	69.7	-197.3	-2571.1	-83.5	-739.6	-637.3	0.0247	0.0089	0.0057							
6242	68.3	-202.1	-2556.7	-83.7	-713.3	-663.6	0.0247	0.0089	0.0057							
6243	117.1	-199.9	-2612.8	-71.8	-645.0	-656.6	0.0247	0.0089	0.0057							
6244	113.3	-204.6	-2592.1	-71.9	-622.4	-682.7	0.0247	0.0089	0.0057							
6245	154.9	-201.8	-2636.0	-59.6	-541.8	-669.3	0.0247	0.0089	0.0057							
6246	148.1	-207.6	-2611.7	-59.0	-524.3	-694.7	0.0247	0.0089	0.0057							
6247	183.1	-204.4	-2644.6	-46.9	-440.1	-676.7	0.0247	0.0089	0.0038							
6248	176.2	-209.2	-2617.5	-47.6	-426.0	-702.0	0.0247	0.0089	0.0057							
6249	215.5	-202.3	-2639.9	-34.2	-336.3	-679.4	0.0247	0.0089	0.0038							
6250	206.5	-207.7	-2610.9	-35.7	-326.6	-705.1	0.0247	0.0089	0.0038							
6251	235.9	-202.1	-2622.0	-22.6	-232.1	-677.1	0.0247	0.0089	0.0038							
6252	225.1	-208.4	-2592.6	-21.6	-226.5	-703.2	0.0247	0.0089	0.0038							
6253	252.0	-202.8	-2589.0	21.9	-130.0	-670.4	0.0247	0.0089	0.0038							
6254	242.2	-207.0	-2560.0	21.8	-129.0	-696.9	0.0247	0.0089	0.0038							
6255	265.8	-200.4	-2541.7	38.0	47.7	-659.9	0.0247	0.0089	0.0038							
6256	254.7	-204.4	-2514.6	38.3	44.0	-686.7	0.0247	0.0089	0.0038							
6257	-12.5	-157.7	77.0	-118.8	-119.8	17.2	0.0331	0.0462	0.0140	5.49	3.93	13.00	0.00	-0.22	-0.41	0.0
6258	26.7	-157.4	-30.3	-149.4	-107.2	50.3	0.0331	0.0462	0.0140	5.36	3.84	12.70	0.00	-0.27	-0.42	0.0
6259	33.8	-158.3	-102.7	-170.8	-62.1	45.4	0.0331	0.0462	0.0140	4.72	3.38	11.19	0.00	-0.28	-0.41	0.0
6260	-17.2	-179.6	-193.0	-173.7	62.9	-15.7	0.0331	0.0462	0.0022	3.20	2.29	47.43	0.00	-0.31	-0.40	0.0
6261	-179.2	-249.3	-407.1	-143.3	284.2	-108.6	0.0331	0.0462	0.0022	3.15	2.25	46.65	0.00	-0.44	-0.70	0.0
6262	-531.8	-461.4	-1114.3	-39.0	742.8	-613.6	0.0331	0.0462	0.0057	6.91	4.95	40.40	0.00	-0.76	-2.04	0.0
6263	-1023.7	-760.8	-2535.4	93.7	995.9	-585.4	0.0331	0.0462	0.0057				-0.40	-0.76	-3.16	
6264	-1401.4	-955.0	-3736.2	128.2	618.3	139.5	0.0331	0.0462	0.0057				-0.88	-1.32	-3.89	
6265	-1696.0	-948.0	-3521.5	299.6	270.2	207.0	0.0331	0.0462	0.0057				-0.81	-1.78	-3.57	
6266	-2710.3	-1277.8	-5108.1	717.9	2843.7	-836.9	0.0331	0.0462	0.0057				-0.77	-1.13	-7.20	
6267	-1173.5	-1073.8	-7566.2	-106.1	1026.3	-430.6	0.0331	0.0462	0.0055				-0.86	-1.20	-7.75	
6268	-1015.6	-1019.9	-6386.8	-170.4	-224.5	844.3	0.0331	0.0462	0.0055				-0.74	-1.16	-6.52	
6269	-1104.1	-1059.3	-6227.5	-57.6	1191.8	704.3	0.0331	0.0462	0.0055				-0.79	-1.02	-6.58	
6270	-890.0	-1219.7	-7733.1	-43.6	353.2	-72.8	0.0331	0.0462	0.0055				-0.87	-1.23	-7.75	
6271	-1110.3	-891.0	-5547.7	-26.6	-2686.6	262.2	0.0331	0.0462	0.0055	5.22	3.74	31.67	0.00	-1.07	-6.99	0.0
6272	-543.9	-208.2	-2105.8	-19.1	-637.3	204.3	0.0331	0.0462	0.0055				-0.15	-0.36	-2.35	
6273	-24.3	-155.4	79.3	-125.5	-128.6	18.7	0.0331	0.0462	0.0140	5.72	4.10	13.57	0.00	-0.24	-0.43	0.0
6274	11.5	-153.5	-31.3	-157.7	-109.8	54.2	0.0331	0.0462	0.0140	5.38	3.85	12.76	0.00	-0.28	-0.43	0.0
6275	15.8	-154.2	-109.7	-180.5	-61.9	47.7	0.0331	0.0462	0.0140	4.63	3.32	10.98	0.00	-0.29	-0.42	0.0
6276	-36.3	-174.2	-205.8	-184.1	67.8	-19.8	0.0331	0.0462	0.0022	3.20	2.29	47.36	0.00	-0.32	-0.41	0.0
6277	-180.5	-241.6	-408.4	-147.2	257.1	-156.3	0.0331	0.0462	0.0022	3.37	2.41	49.88	0.00	-0.47	-0.70	0.0
6278	-449.5	-394.3	-837.8	-75.5	549.5	-260.9	0.0331	0.0462	0.0057	1.41	1.01	8.27	0.00	-0.51	-1.31	0.0
6279	-1042.6	-737.8	-2265.2	68.0	1395.3	-488.9	0.0331	0.0462	0.0057				-0.06	-0.73	-3.26	
6280	-1445.5	-1079.6	-4137.9	141.3	645.6	-170.6	0.0331	0.0462	0.0057				-1.03	-1.34	-4.30	
6281	-1714.7	-1122.6	-4151.1	344.5	425.2	225.3	0.0331	0.0462	0.0057				-0.92	-1.84	-4.23	
6282	-2191.2	-1603.6	-4806.0	927.2	1646.8	-1290.1	0.0331	0.0462	0.0057				-0.92	-1.54	-6.14	
6283	-1827.8	-1545.3	-6624.9	495.6	1694.3	-1659.9	0.0331	0.0462	0.0055				-1.05	-1.29	-7.65	
6284	-1153.1	-1000.3	-7274.5	-113.5	793.0	-302.0	0.0331	0.0462	0.0055				-0.87	-1.17	-7.39	
6285	-1087.3	-1011.1	-7184.8	-39.9	616.5	-162.7	0.0331	0.0462	0.0055				-0.96	-1.07	-7.25	
6286	-963.6	-1169.9	-7692.7	-108.0	349.1	-84.6	0.0331	0.0462	0.0055				-0.90	-1.22	-7.71	
6287	-1125.7	-931.9	-5579.6	-39.9	-2527.1	364.5	0.0331	0.0462	0.0055	1.56	1.11	9.45	0.00	-1.00	-6.79	0.0
6288	-568.7	-375.0	-2320.3	-47.7	-530.7	454.3	0.0331	0.0462	0.0055				-0.18	-0.53	-2.55	
6289	-42.7	-16.2	148.1	-40.3	-51.1	37.4	0.0120	0.0432	0.0244	14.41	3.99	7.06	0.00	-0.18	-0.25	0.0
6290	-156.0	-32.2	-99.0	-32.8	87.7	-46.2	0.0089	0.0357	0.0140							
6291	-293.7	-63.8	-304.7	18.3	219.6	-88.1	0.0089	0.0357	0.0140							
6292	-453.5	-109.6	-544.8	69.5	412.7	-161.2	0.0089	0.0357	0.0140							
6293	-609.2	-170.1	-915.0	124.8	673.3	-275.8	0.0247	0.0357	0.0022							
6294	-677.4	-213.0	-1472.5	123.0	931.9	-341.1	0.0247	0.0357	0.0057							
6295	-632.6	-213.6	-2177.7	37.9	1111.7	-418.9	0.0247	0.0357	0.0057							
6296	-610.9	-304.0	-2990.3	36.2	1178.6	-477.8	0.0247	0.0357	0.0057							
6297	-775.4	-446.5	-4002.9	66.9	1249.6	-449.0	0.0247	0.0357	0.0057							
6298	-395.7	-360.0	-4704.7	-80.7	848.4	-352.7	0.0247	0.0357	0.0057							
6299	-473.8	-339.0	-5117.1	-157.6	845.2	-336.6	0.0247	0.0357	0.0055							
6300	-657.7	-438.1	-5727.3	-166.3	664.3	-255.4	0.0247	0.0357	0.0055							
6301	-548.2	-516.6	-5949.2	-46.8	375.2	-111.1	0.0247	0.0357	0.0055							
6302	-346.5	-530.6	-5713.2	-104.3	-141.7	94.3	0.0247	0.0357	0.0055							
6303	-728.5	-654.1	-5396.8	-142.8	-235.9	154.8	0.0247	0.0357	0.0055							
6304	-1514.2	-832.3	-5113.9	-52.4	-172.2	267.1	0.0247	0.0357	0.0055							
6305	-47.2	-14.1	144.1	-40.5	-48.6	37.8	0.0124	0.0427	0.0244	13.50	3.93	6.86	0.00	-0.18	-0.24	0.0
6306	-161.3	-28.1	-107.4	-29.2	96.7	-53.3	0.0089	0.0357	0.0140							
6307	-295.6	-61.5	-321.8	24.3	228.3	-100.8	0.0089	0.0357	0.0140							
6308	-447.5	-111.4	-568.5	78.9	416.4	-181.4	0.0247	0.0357	0.0022							
6309	-596.1	-176.0	-931.5	125.1	663.5	-292.5	0.0247	0.0357	0.0022							
6310	-712.1	-249.4	-1519.2	131.5	954.1	-436.0	0.0247	0.0357	0.0057							
6311	-624.9	-227.6	-2232.6	70.9	1071.1	-479.5	0.0247	0.0357	0.0057							
6312	-555.3	-213.9	-2984.9	50.6	1199.5	-497.8	0.0247	0.0357	0.0057							
6313	-689.5	-310.5	-3953.9	86.7	1166.8	-586.2	0.0247	0.0357	0.0057							
6314	-569.6	-281.2	-4728.1	-65.9	999.6	-436.6	0.0247	0.0357	0.0057							
6315	-458.3	-226.8	-5252.2	-267.5	847.3	-295.0	0.0247	0.0357	0.0055							
6316	-555.0	-333.9	-5727.8	-169.1	703.3	-247.5	0.0247	0.0357	0.0055							
6317	-516.3	-388.2	-6038.5	-124.6	478.5	-96.1	0.0247	0.0357	0.0055							
6318	-434.3	-447.6	-5929.6	-185.9	-121.6	87.2	0.0247	0.0357	0.0055							
6319	-770.5	-592.4	-5718.3	-242.7	-112.2	295.9	0.0247	0.0357	0.0055							
6320	-1474.1	-805.4	-5636.8	-92.7	-113.8	520.0	0.0247	0.0357	0.0055							
6321	-44.1	41.0	-39.1	11.5	156.8	54.2	0.0118	0.0255	0.0244	11.70	5.43	5.66	0.00	-0.12	-0.34	0.0
6322	-140.8	24.3	-283.2	31.5	307.4	-109.1	0.0089	0.0179	0.0140							
6323	-240.9	2.1	-537.8	58.0	456.5	-184.0	0.0089	0.0179	0.0140							
6324	-331.0	-24.9	-826.8	86.1	614.9	-259.1	0.0089	0.0179	0.0140							
6325	-394.3	-50.7	-1175.3	103.6	772.3	-331.6	0.0247	0.0179	0.0022							
6326	-429.7	-77.9	-1600.3	114.4	911.3	-406.9	0.0247	0.0179	0.0057							
6327	-440.3	-116.3	-2116.1	127.2	1012.2	-468.8	0.0247	0.0179	0.0057							
6328	-412.0	-128.2	-2727.9	89.7	1050.2	-513.3	0.0247	0.0179	0.0057							
6329	-296.0	-122.3	-3375.6	22.1	939.4	-521.6	0.0247	0.0179	0.0057							
6330	-327.5	-158.8	-4096.5	-71.0	783.5	-487.7	0.0247	0.0179	0.0057							
6331	-205.4	-130.0	-4715.3	-108.3	702.0	-451.9	0.0247	0.0179	0.0055							
6332	-59.0	-67.2	-5110.1	-131.5	643.6	-441.8	0.0247	0.0179	0.0055							
6333	-202.4	-128.4	-5458.0	-135.5	488.8	-423.6	0.0247	0.0179	0.0055							
6334	-378.6	-190.5	-5505.1	-69.9	566.4	-369.8	0.0247	0.0179	0.0055							
6335	-491.2	-220.3	-5483.9	-20.8	482.0	-301.4	0.0247	0.0179	0.0055							
6336	-604.6	-271.3	-5644.7	44.5	516.9	-303.8	0.0247	0.0179	0.0055							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6337	-44.3	41.9	-67.0	15.3	169.8	53.7	0.0122	0.0250	0.0244	11.32	5.54	5.68	0.00	-0.12	-0.37	0.0
6338	-137.7	26.1	-308.4	37.6	316.7	-120.7	0.0089	0.0179	0.0140							
6339	-232.6	4.5	-563.9	66.2	461.4	-202.3	0.0089	0.0179	0.0140							
6340	-318.3	-20.4	-853.2	95.7	614.3	-282.8	0.0089	0.0179	0.0140							
6341	-379.7	-43.3	-1202.8	118.6	766.0	-362.5	0.0247	0.0179	0.0022							
6342	-397.3	-54.7	-1615.7	130.3	887.2	-432.8	0.0247	0.0179	0.0057							
6343	-417.9	-85.0	-2108.8	136.6	984.3	-510.1	0.0247	0.0179	0.0057							
6344	-405.1	-110.3	-2696.5	113.1	1009.6	-568.8	0.0247	0.0179	0.0057							
6345	-315.2	-99.7	-3331.1	54.7	934.0	-555.6	0.0247	0.0179	0.0057							
6346	-290.9	-97.8	-4053.4	-25.8	758.4	-524.5	0.0247	0.0179	0.0057							
6347	-197.9	-55.7	-4657.2	-21.2	705.7	-516.4	0.0247	0.0179	0.0055							
6348	-83.8	14.6	-5111.4	-112.5	621.4	-510.4	0.0247	0.0179	0.0055							
6349	-181.2	-16.9	-5466.9	-137.8	541.6	-447.7	0.0247	0.0179	0.0055							
6350	-321.6	-43.9	-5556.5	-79.2	594.6	-391.3	0.0247	0.0179	0.0055							
6351	-462.2	-75.8	-5607.1	-35.6	490.6	-404.9	0.0247	0.0179	0.0055							
6352	-554.0	-101.1	-5761.4	45.3	506.3	-429.2	0.0247	0.0179	0.0055							
6353	-47.4	40.7	-342.3	30.2	269.6	51.0	0.0117	0.0256	0.0244	12.00	5.47	5.73	0.00	-0.13	-0.64	0.0
6354	-105.3	22.9	-516.5	56.7	427.4	-140.7	0.0089	0.0179	0.0140							
6355	-153.5	6.3	-732.0	78.8	569.6	-225.1	0.0089	0.0179	0.0140							
6356	-190.7	-9.3	-986.2	97.3	697.3	-301.5	0.0089	0.0179	0.0140							
6357	-213.6	-24.8	-1281.7	111.6	809.0	-372.3	0.0089	0.0179	0.0140							
6358	-217.5	-38.7	-1622.2	117.6	896.0	-435.3	0.0247	0.0179	0.0022							
6359	-200.7	-46.2	-2005.5	108.6	943.4	-486.2	0.0247	0.0179	0.0057							
6360	-169.2	-54.4	-2418.9	95.1	931.9	-515.2	0.0247	0.0179	0.0057							
6361	-158.8	-60.2	-2857.9	73.2	860.1	-530.6	0.0247	0.0179	0.0057							
6362	-125.3	-48.5	-3363.0	37.0	653.9	-531.5	0.0247	0.0179	0.0057							
6363	-90.6	-125.0	-4593.8	-61.6	146.0	-573.3	0.0247	0.0179	0.0055							
6364	-152.5	-198.5	-5602.6	-72.0	602.7	-771.0	0.0247	0.0179	0.0055							
6365	-188.0	-132.0	-5176.0	-29.9	1077.9	-795.3	0.0247	0.0179	0.0055							
6366	-146.2	-152.5	-5412.8	26.2	238.8	-716.5	0.0247	0.0179	0.0055							
6367	-190.3	-134.0	-5440.4	52.3	1041.6	-715.3	0.0247	0.0179	0.0055							
6368	-184.1	-47.9	-4877.6	73.5	474.6	-598.7	0.0247	0.0179	0.0055							
6369	-46.2	41.5	-386.7	35.4	282.3	-53.5	0.0121	0.0252	0.0244	9.40	4.51	4.65	0.00	-0.07	-0.67	0.0
6370	-100.3	22.8	-556.9	63.4	431.9	-153.6	0.0089	0.0179	0.0140							
6371	-144.8	6.0	-768.0	86.9	566.9	-243.0	0.0089	0.0179	0.0140							
6372	-178.3	-8.9	-1016.7	106.8	688.3	-324.6	0.0089	0.0179	0.0140							
6373	-197.7	-22.4	-1303.8	121.1	791.6	-399.1	0.0247	0.0179	0.0022							
6374	-204.4	-37.3	-1633.3	129.0	872.9	-468.3	0.0247	0.0179	0.0022							
6375	-187.7	-42.9	-2002.4	125.1	916.7	-523.5	0.0247	0.0179	0.0057							
6376	-160.7	-42.2	-2399.1	113.6	906.5	-560.4	0.0247	0.0179	0.0057							
6377	-149.6	-39.2	-2826.7	99.9	825.0	-581.9	0.0247	0.0179	0.0057							
6378	-132.5	-28.6	-3322.7	83.6	622.3	-564.2	0.0247	0.0179	0.0057							
6379	-93.5	-97.0	-4620.8	27.1	84.4	-423.3	0.0247	0.0179	0.0057							
6380	-153.2	-156.5	-5565.3	-52.8	629.8	-471.7	0.0247	0.0179	0.0055							
6381	-185.3	-101.6	-5399.7	-40.8	870.4	-812.7	0.0247	0.0179	0.0055							
6382	-155.1	-116.7	-5639.2	44.8	415.1	-794.1	0.0247	0.0179	0.0055							
6383	-169.9	-87.1	-5381.0	38.8	1057.7	-628.3	0.0247	0.0179	0.0055							
6384	-151.2	-19.6	-4811.2	71.6	447.6	-710.8	0.0247	0.0179	0.0055							
6385	-47.1	16.6	-614.3	40.6	347.2	-89.7	0.0115	0.0257	0.0244	10.20	4.57	4.81	0.00	-0.09	-0.91	0.0
6386	-69.2	-4.7	-728.7	69.9	491.5	-171.0	0.0089	0.0179	0.0140							
6387	-81.1	-20.5	-892.5	92.0	614.8	-247.6	0.0089	0.0179	0.0140							
6388	-80.5	-32.7	-1097.1	106.9	718.9	-317.9	0.0089	0.0179	0.0140							
6389	-67.9	-41.8	-1336.2	114.2	799.1	-381.4	0.0089	0.0179	0.0140							
6390	-43.5	-47.9	-1602.4	113.9	851.6	-436.9	0.0247	0.0179	0.0022							
6391	-7.9	-51.4	-1886.6	107.3	870.7	-482.0	0.0247	0.0179	0.0057							
6392	36.3	-50.0	-2176.8	93.5	850.2	-512.9	0.0247	0.0179	0.0057							
6393	92.7	-41.8	-2454.1	77.8	778.1	-535.2	0.0247	0.0179	0.0057							
6394	150.5	-35.1	-2668.1	68.8	601.8	-540.5	0.0247	0.0179	0.0057							
6395	235.3	44.2	-2236.7	80.0	-94.2	-582.3	0.0247	0.0179	0.0055							
6396	237.6	126.2	-1586.3	97.9	503.1	-799.2	0.0247	0.0179	0.0055							
6397	231.4	75.6	-2345.6	66.8	1034.3	-861.3	0.0247	0.0179	0.0055							
6398	257.9	97.3	-2710.4	45.4	208.8	-811.2	0.0247	0.0179	0.0055							
6399	243.7	99.9	-2928.7	51.6	982.3	-819.8	0.0247	0.0179	0.0055							
6400	285.0	14.2	-3884.7	66.0	417.1	-704.8	0.0247	0.0179	0.0055							
6401	-44.9	17.3	-664.6	45.3	356.6	-100.0	0.0119	0.0254	0.0244	9.87	4.64	4.82	0.00	-0.09	-0.96	0.0
6402	-64.8	-4.8	-777.8	75.4	490.4	-184.9	0.0089	0.0179	0.0140							
6403	-74.8	-21.4	-936.9	98.1	605.4	-264.6	0.0089	0.0179	0.0140							
6404	-72.8	-33.7	-1133.7	113.8	702.9	-338.5	0.0089	0.0179	0.0140							
6405	-60.6	-42.4	-1363.1	122.1	777.7	-405.7	0.0089	0.0179	0.0140							
6406	-36.1	-47.2	-1617.8	122.7	825.7	-465.0	0.0247	0.0179	0.0022							
6407	-2.0	-49.2	-1888.8	116.5	843.1	-514.9	0.0247	0.0179	0.0057							
6408	41.0	-47.9	-2166.1	104.5	823.2	-553.0	0.0247	0.0179	0.0057							
6409	96.5	-42.4	-2428.7	88.3	747.8	-573.9	0.0247	0.0179	0.0057							
6410	159.0	-34.2	-2627.4	69.7	570.7	-569.2	0.0247	0.0179	0.0057							
6411	250.9	41.8	-2135.4	63.0	-158.9	-440.9	0.0247	0.0179	0.0057							
6412	249.9	121.9	-1501.4	101.1	519.2	-489.9	0.0247	0.0179	0.0055							
6413	266.2	80.4	-2071.6	108.9	813.4	-852.5	0.0247	0.0179	0.0055							
6414	288.1	101.8	-2348.0	60.6	367.5	-863.2	0.0247	0.0179	0.0055							
6415	270.0	90.3	-2876.9	82.3	995.1	-709.3	0.0247	0.0179	0.0055							
6416	299.8	20.9	-3833.8	83.4	391.4	-799.4	0.0247	0.0179	0.0055							
6417	-24.1	-3.1	-809.1	51.7	414.9	-146.5	0.0114	0.0259	0.0244	13.62	6.00	6.36	0.00	-0.14	-1.17	0.0
6418	-30.3	-30.6	-883.7	84.9	538.4	-211.6	0.0089	0.0179	0.0140							
6419	-8.2	-52.4	-1009.4	106.3	646.7	-271.7	0.0089	0.0179	0.0140							
6420	19.6	-67.0	-1176.4	118.5	720.3	-328.7	0.0089	0.0179	0.0140							
6421	49.7	-76.2	-1368.9	123.0	768.5	-381.7	0.0089	0.0179	0.0140							
6422	83.7	-81.8	-1575.8	120.6	792.0	-428.7	0.0247	0.0179	0.0022							
6423	122.8	-83.7	-1787.0	111.9	787.6	-467.4	0.0247	0.0179	0.0057							
6424	166.9	-82.1	-1989.0	99.9	749.7	-495.5	0.0247	0.0179	0.0057							
6425	213.0	-76.7	-2159.7	89.2	671.2	-512.1	0.0247	0.0179	0.0057							
6426	253.4	-72.8	-2238.7	89.9	543.0	-527.2	0.0247	0.0179	0.0057							
6427	178.7	-106.6	-2258.9	112.3	483.1	-558.2	0.0247	0.0179	0.0057							
6428	90.8	-151.0	-2315.9	123.5	474.2	-613.4	0.0247	0.0179	0.0055							
6429	193.0	-98.2	-2344.9	95.7	470.5	-687.0	0.0247	0.0179	0.0055							
6430	213.4	-72.9	-2564.8	68.8	564.3	-713.9	0.0247	0.0179	0.0055							
6431	258.8	-72.6	-2868.8	61.8	412.6	-709.1	0.0247	0.0179	0.0055							
6432	402.8	-35.0	-3063.9	63.5	307.2	-735.5	0.0247	0.0179	0.0055							
6433	-23.6	-3.1	-860.7	56.5	418.4	-158.1	0.0118	0.0255	0.0244	12.75	5.89	6.15	0.00	-0.13	-1.21	0.0
6434	-26.8	-31.2	-938.0	88.1	531.4	-225.6	0.0089	0.0179	0.0140							
6435	-6.4	-53.1	-1060.6	109.7	628.7	-288.4	0.0089	0.0179	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6436	19.8	-67.7	-1219.2	122.9	697.1	-348.2	0.0089	0.0179	0.0140							
6437	48.2	-77.0	-1400.7	128.0	742.3	-403.5	0.0089	0.0179	0.0140							
6438	80.7	-82.7	-1595.9	126.0	764.2	-453.0	0.0247	0.0179	0.0022							
6439	119.1	-84.6	-1795.4	117.7	760.0	-494.8	0.0247	0.0179	0.0022							
6440	163.2	-83.5	-1987.1	105.1	723.5	-525.9	0.0247	0.0179	0.0057							
6441	210.8	-81.6	-2149.1	91.0	646.1	-545.1	0.0247	0.0179	0.0057							
6442	254.0	-81.1	-2216.2	79.7	516.0	-548.8	0.0247	0.0179	0.0057							
6443	176.0	-126.6	-2236.9	88.0	463.8	-566.5	0.0247	0.0179	0.0057							
6444	99.1	-170.6	-2262.8	121.5	423.6	-611.5	0.0247	0.0179	0.0055							
6445	176.9	-140.2	-2276.6	120.0	464.3	-644.9	0.0247	0.0179	0.0055							
6446	198.0	-125.3	-2497.5	83.3	529.3	-702.7	0.0247	0.0179	0.0055							
6447	276.9	-93.5	-2758.1	89.8	400.9	-767.6	0.0247	0.0179	0.0055							
6448	412.0	-46.5	-2947.7	77.2	292.0	-796.5	0.0247	0.0179	0.0055							
6449	-42.9	13.6	-921.4	-98.3	477.8	-219.2	0.0167	0.0171	0.0244	17.31	17.00	11.86	0.00	-0.38	-1.44	0.0
6450	66.7	-37.6	-957.8	121.7	660.6	-258.5	0.0089	0.0089	0.0140							
6451	124.4	-74.8	-1089.3	131.3	697.4	-300.0	0.0089	0.0089	0.0140							
6452	153.2	-99.1	-1240.1	137.6	718.8	-343.6	0.0089	0.0089	0.0140							
6453	171.6	-112.9	-1396.7	139.2	732.7	-385.5	0.0089	0.0089	0.0140							
6454	188.9	-121.4	-1554.8	135.8	734.3	-424.1	0.0089	0.0089	0.0140							
6455	207.6	-126.8	-1708.7	128.5	718.8	-457.8	0.0247	0.0089	0.0022							
6456	225.6	-130.0	-1851.0	119.2	683.5	-485.5	0.0247	0.0089	0.0057							
6457	236.9	-132.6	-1971.1	110.9	630.0	-508.0	0.0247	0.0089	0.0057							
6458	227.9	-137.2	-2071.9	106.1	577.2	-528.4	0.0247	0.0089	0.0057							
6459	226.8	-139.0	-2164.9	101.1	527.1	-550.8	0.0247	0.0089	0.0057							
6460	234.5	-136.4	-2248.3	97.2	472.3	-574.3	0.0247	0.0089	0.0055							
6461	210.9	-152.6	-2348.9	94.6	434.1	-599.0	0.0247	0.0089	0.0055							
6462	244.9	-152.7	-2463.3	85.1	380.5	-630.2	0.0247	0.0089	0.0055							
6463	290.6	-141.8	-2589.1	73.5	306.1	-660.2	0.0247	0.0089	0.0055							
6464	300.9	-144.4	-2702.0	61.0	182.1	-681.0	0.0247	0.0089	0.0055							
6465	-35.6	6.4	-971.1	88.2	475.6	-225.6	0.0116	0.0167	0.0244	14.08	9.82	6.71	0.00	-0.11	-1.38	0.0
6466	59.0	-38.6	-1021.7	120.6	624.9	-272.9	0.0089	0.0089	0.0140							
6467	109.5	-75.7	-1146.1	134.2	662.4	-318.7	0.0089	0.0089	0.0140							
6468	136.4	-99.4	-1285.2	142.2	688.2	-364.0	0.0089	0.0089	0.0140							
6469	155.1	-113.3	-1430.3	143.9	704.4	-407.0	0.0089	0.0089	0.0140							
6470	173.5	-122.2	-1577.4	140.1	707.2	-446.9	0.0247	0.0089	0.0022							
6471	193.5	-127.8	-1721.5	132.2	693.2	-482.2	0.0247	0.0089	0.0022							
6472	212.5	-131.6	-1855.8	122.3	659.6	-511.2	0.0247	0.0089	0.0057							
6473	225.0	-134.3	-1970.1	112.8	608.6	-534.1	0.0247	0.0089	0.0057							
6474	217.1	-141.0	-2068.5	107.7	558.4	-556.0	0.0247	0.0089	0.0057							
6475	220.3	-141.7	-2155.6	104.8	506.4	-579.7	0.0247	0.0089	0.0057							
6476	224.1	-144.7	-2237.2	95.6	457.6	-601.3	0.0247	0.0089	0.0055							
6477	206.3	-159.3	-2334.1	90.9	413.8	-626.3	0.0247	0.0089	0.0055							
6478	242.1	-158.9	-2437.8	93.0	362.6	-653.2	0.0247	0.0089	0.0055							
6479	278.1	-159.5	-2557.2	75.7	287.9	-678.3	0.0247	0.0089	0.0055							
6480	290.9	-165.4	-2661.2	62.0	171.4	-701.4	0.0247	0.0089	0.0055							
6481	552.5	108.5	-854.5	203.7	1057.2	-348.6	0.0225	0.0172	0.0244	49.76	65.19	45.80	0.00	-0.91	-2.64	0.0
6482	493.6	-11.5	-1043.6	157.5	763.4	-292.8	0.0202	0.0089	0.0140							
6483	420.0	-94.6	-1187.9	158.8	692.9	-326.0	0.0202	0.0089	0.0140							
6484	360.4	-130.2	-1310.5	161.9	677.3	-360.9	0.0202	0.0089	0.0140							
6485	319.7	-148.5	-1427.7	160.1	675.7	-394.2	0.0089	0.0089	0.0140							
6486	294.8	-159.9	-1542.2	154.8	671.4	-425.5	0.0089	0.0089	0.0140							
6487	280.7	-167.8	-1653.5	147.0	657.5	-454.5	0.0247	0.0089	0.0022							
6488	272.3	-173.8	-1759.8	137.9	632.1	-480.6	0.0247	0.0089	0.0057							
6489	265.0	-178.9	-1860.6	128.3	597.0	-504.5	0.0247	0.0089	0.0057							
6490	260.0	-183.1	-1955.4	118.6	553.4	-526.7	0.0247	0.0089	0.0057							
6491	253.3	-187.1	-2043.5	109.5	503.9	-547.7	0.0247	0.0089	0.0057							
6492	246.2	-192.0	-2131.2	100.2	454.0	-568.6	0.0247	0.0089	0.0038							
6493	252.5	-192.5	-2220.8	90.2	395.8	-589.8	0.0247	0.0089	0.0038							
6494	255.4	-195.0	-2311.1	79.7	327.0	-610.0	0.0247	0.0089	0.0038							
6495	260.8	-198.5	-2397.6	66.8	246.8	-628.8	0.0247	0.0089	0.0038							
6496	268.2	-199.0	-2477.1	52.8	154.9	-645.8	0.0247	0.0089	0.0038							
6497	469.8	130.8	-933.2	237.7	913.6	-311.8	0.0228	0.0168	0.0244	40.64	55.14	37.97	0.00	-0.71	-2.40	0.0
6498	415.1	-31.7	-1107.6	184.2	694.9	-314.1	0.0202	0.0089	0.0140							
6499	354.9	-98.6	-1237.8	178.9	655.4	-350.1	0.0202	0.0089	0.0140							
6500	310.2	-130.3	-1350.4	174.5	650.5	-383.9	0.0202	0.0089	0.0140							
6501	281.3	-148.6	-1458.8	168.4	652.9	-416.9	0.0089	0.0089	0.0140							
6502	264.4	-160.8	-1565.2	160.6	649.9	-448.7	0.0089	0.0089	0.0140							
6503	255.8	-169.4	-1669.1	151.3	637.0	-478.5	0.0247	0.0089	0.0022							
6504	251.1	-176.1	-1769.2	141.2	612.5	-505.3	0.0247	0.0089	0.0057							
6505	246.8	-181.6	-1865.0	131.0	578.6	-529.7	0.0247	0.0089	0.0057							
6506	244.5	-185.7	-1955.0	120.7	536.0	-552.0	0.0247	0.0089	0.0057							
6507	239.2	-190.7	-2040.1	110.5	488.2	-572.5	0.0247	0.0089	0.0057							
6508	235.2	-194.8	-2124.4	102.1	438.2	-593.6	0.0247	0.0089	0.0038							
6509	241.6	-196.3	-2209.6	92.6	381.0	-615.2	0.0247	0.0089	0.0038							
6510	243.9	-200.0	-2295.6	79.4	313.5	-635.9	0.0247	0.0089	0.0038							
6511	250.8	-202.0	-2377.5	68.2	235.9	-655.2	0.0247	0.0089	0.0038							
6512	257.1	-202.7	-2453.1	53.8	146.6	-672.6	0.0247	0.0089	0.0038							
6513	-1258.3	-525.8	-1581.1	73.8	-1239.9	-744.0	0.0331	0.0462	0.0057	7.84	5.61	45.85	0.00	-1.09	-3.05	0.0
6514	-674.1	-268.6	-640.7	210.3	-551.2	-177.1	0.0331	0.0462	0.0022	2.97	2.13	44.01	0.00	-0.57	-1.31	0.0
6515	-361.5	-163.4	-340.6	255.5	-232.1	-19.4	0.0331	0.0462	0.0022	2.17	1.56	32.18	0.00	-0.36	-0.72	0.0
6516	-886.6	-326.6	-855.8	149.4	-664.7	-307.4	0.0331	0.0462	0.0022	2.00	1.43	29.69	0.00	-0.66	-1.61	0.0
6517	-569.3	-201.4	-513.9	239.9	-407.9	-127.0	0.0331	0.0462	0.0022	2.87	2.06	42.56	0.00	-0.51	-1.06	0.0
6518	-348.8	-148.7	-316.3	269.4	-197.9	27.8	0.0331	0.0462	0.0022	1.92	1.37	28.43	0.00	-0.30	-0.70	0.0
6519	-681.6	-227.1	-617.6	229.3	-471.8	-101.6	0.0331	0.0462	0.0022	1.03	0.74	15.22	0.00	-0.46	-1.17	0.0
6520	-484.4	-161.3	-412.8	259.9	-278.3	-38.2	0.0331	0.0462	0.0022	1.67	1.20	24.73	0.00	-0.39	-0.84	0.0
6521	-338.0	-134.9	-289.6	278.1	-155.4	53.3	0.0331	0.0462	0.0022	2.00	1.43	29.63	0.00	-0.28	-0.68	0.0
6522	-1255.1	-1129.7	-6093.8	-25.0	578.2	2166.4	0.0331	0.0462	0.0055				-0.28	-1.24	-6.96	
6523	-1615.9	-1306.4	-8108.5	110.8	1686.3	975.8	0.0331	0.0462	0.0055				-0.86	-1.53	-8.64	
6524	-1460.3	-1362.7	-9868.1	174.2	234.8	-208.7	0.0331	0.0462	0.0055				-1.23	-1.58	-9.88	
6525	-1685.1	-1398.7	-10802.7	151.7	-525.5	-461.4	0.0331	0.0462	0.0055				-1.29	-1.74	-10.85	
6526	-1931.0	-1644.8	-12823.8	52.0	-1146.3	-758.0	0.0331	0.0462	0.0055				-1.53	-1.87	-12.99	
6527	-5025.0	-2025.7	-8910.3	-834.0	-5280.3	-834.2	0.0331	0.0462	0.0057				-1.27	-1.97	-12.72	
6528	-3092.4	-1700.4	-4553.3	-679.3	-1583.3	-1180.9	0.0331	0.0462	0.0057				-1.26	-2.08	-6.00	
6529	-2873.9	-1472.7	-4657.8	-541.5	-931.3	-634.3	0.0331	0.0462	0.0057				-1.26	-2.52	-5.23	
6530	-2438.5	-1205.8	-4531.0	-226.3	-901.7	-544.1	0.0331	0.0462	0.0057				-1.11	-2.10	-4.96	
6531	-1920.4	-919.6	-3345.7	-51.8	-1336.3	-801.3	0.0331	0.0462	0.0057				-0.54	-1.34	-4.30	
6532	-1726.0	-1032.3	-9931.4	60.0	339.4	-475.9	0.0331	0.0462	0.0055				-1.00	-1.71	-9.97	
6533	-1727.2	-1188.9	-10492.2	129.0	223.6	-572.5	0.0331	0.0462	0.0055				-1.13	-1.74	-10.53	
6534	-1737.5	-1452.8	-11506.8	121.3	-600.1	-785.8	0.0331	0.0462	0.0055				-1.32	-1.78	-11.60	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6535	-3028.5	-2478.9	-9915.0	-879.1	-2863.6	-2334.0	0.0331	0.0462	0.0055				-1.79	-2.00	-11.63	
6536	-2615.0	-3343.9	-8341.9	-1454.8	-1577.3	-4809.3	0.0331	0.0462	0.0057				-0.33	-2.23	-11.75	
6537	-4022.3	-2444.7	-6259.3	-1606.8	-3321.4	-2758.9	0.0331	0.0462	0.0057				-0.98	-1.76	-9.99	
6538	-2777.8	-1283.7	-4395.9	-502.3	-913.2	-537.4	0.0331	0.0462	0.0057				-1.11	-2.41	-4.94	
6539	-2329.3	-1210.8	-4315.6	-241.5	-793.6	-609.6	0.0331	0.0462	0.0057				-1.09	-2.05	-4.72	
6540	-2002.1	-1033.6	-4003.9	-102.3	-843.7	-544.3	0.0331	0.0462	0.0057				-0.93	-1.70	-4.40	
6541	-1546.2	-643.3	-2155.4	52.8	-1558.3	-325.0	0.0331	0.0462	0.0057				-0.14	-0.75	-3.46	
6542	-1875.0	-3379.3	-7228.1	-556.3	156.8	-3300.2	0.0331	0.0462	0.0057				-1.08	-2.27	-9.13	
6543	-1997.7	-3551.6	-7671.0	-767.5	-339.2	-3616.0	0.0331	0.0462	0.0057				-1.15	-2.24	-9.83	
6544	-2166.8	-3714.1	-8180.6	-1146.6	-826.1	-4140.7	0.0331	0.0462	0.0057				-0.94	-2.27	-10.85	
6545	-3026.9	-2667.1	-6077.5	-1473.0	-2714.4	-2511.0	0.0331	0.0462	0.0057				-1.33	-1.44	-9.00	
6546	-2184.8	-1463.1	-3644.4	-550.7	-977.4	-596.8	0.0331	0.0462	0.0057				-1.16	-1.78	-4.35	
6547	-1995.0	-1446.9	-3910.5	-457.0	-299.9	-732.7	0.0331	0.0462	0.0057				-1.09	-2.07	-4.19	
6548	-2204.9	-1241.9	-4082.2	-340.7	-810.9	-753.4	0.0331	0.0462	0.0057				-1.03	-1.91	-4.59	
6549	-1923.9	-973.5	-3784.8	-87.3	-700.9	-527.8	0.0331	0.0462	0.0057				-0.88	-1.70	-4.11	
6550	-1606.9	-739.9	-2737.5	14.4	-1164.7	-744.0	0.0331	0.0462	0.0057				-0.32	-1.16	-3.61	
6551	-1123.1	-429.5	-1269.3	122.7	-1071.4	-574.8	0.0331	0.0462	0.0022	7.44	5.33	110.18	0.00	-0.98	-2.58	0.0
6552	-1333.2	-1605.6	-3560.2	-338.6	54.8	-1262.1	0.0331	0.0462	0.0057				-0.79	-1.53	-4.18	
6553	-1442.1	-1619.9	-3646.0	-369.2	-138.5	-1342.3	0.0331	0.0462	0.0057				-0.83	-1.54	-4.34	
6554	-1582.2	-1569.5	-3596.8	-360.9	-354.9	-1249.8	0.0331	0.0462	0.0057				-0.92	-1.55	-4.28	
6555	-1653.9	-1423.2	-3688.1	-365.8	-332.3	-1062.8	0.0331	0.0462	0.0057				-0.93	-1.65	-4.19	
6556	-1826.4	-1211.3	-3749.3	-299.3	-470.3	-772.1	0.0331	0.0462	0.0057				-0.96	-1.73	-4.09	
6557	-1739.9	-1018.2	-3572.6	-113.7	-407.6	-506.4	0.0331	0.0462	0.0057				-0.92	-1.65	-3.76	
6558	-1665.5	-899.6	-3450.3	-27.2	-489.7	-458.0	0.0331	0.0462	0.0057				-0.82	-1.55	-3.65	
6559	-1522.6	-692.7	-2561.9	30.4	-1009.6	-688.7	0.0331	0.0462	0.0057				-0.32	-1.15	-3.31	
6560	-1142.9	-403.3	-1257.6	111.9	-972.8	-555.1	0.0331	0.0462	0.0022	5.29	3.79	78.37	0.00	-0.92	-2.41	0.0
6561	-752.1	-213.6	-678.8	227.3	-427.7	-136.5	0.0331	0.0462	0.0022	0.29	0.21	4.37	0.00	-0.51	-1.16	0.0
6562	-954.0	-681.5	-1620.8	-177.4	-58.9	-1017.4	0.0331	0.0462	0.0057				-0.02	-0.95	-2.29	
6563	-1014.0	-684.8	-1654.5	-132.6	-117.9	-1032.0	0.0331	0.0462	0.0057				-0.03	-0.99	-2.33	
6564	-1070.0	-684.5	-1704.7	-84.7	-151.1	-1038.0	0.0331	0.0462	0.0057				-0.04	-1.05	-2.37	
6565	-1166.3	-675.6	-1787.5	-35.9	-148.0	-1025.2	0.0331	0.0462	0.0057				-0.06	-1.15	-2.41	
6566	-1287.7	-703.5	-2504.9	77.9	186.0	-738.0	0.0331	0.0462	0.0057				-0.44	-1.26	-2.80	
6567	-1420.4	-705.1	-3044.7	120.8	-255.0	-351.2	0.0331	0.0462	0.0057				-0.62	-1.42	-3.13	
6568	-1339.1	-577.3	-2275.7	122.0	-775.8	-505.2	0.0331	0.0462	0.0057				-0.31	-1.10	-2.78	
6569	-1074.9	-335.9	-1120.6	152.0	-808.9	-400.4	0.0331	0.0462	0.0022	2.55	1.83	37.81	0.00	-0.77	-2.01	0.0
6570	-766.7	-171.8	-628.4	234.3	-335.9	-60.5	0.0331	0.0462	0.0022				-0.03	-0.47	-1.06	
6571	-571.9	-130.8	-391.2	272.6	-234.1	28.9	0.0331	0.0462	0.0022	0.48	0.34	7.12	0.00	-0.31	-0.84	0.0
6572	-629.3	-75.9	-289.3	-60.7	-81.4	24.7	0.0331	0.0462	0.0022				-0.06	-0.28	-0.65	
6573	-656.1	-80.4	-308.6	28.3	-64.8	19.3	0.0331	0.0462	0.0022				-0.08	-0.30	-0.67	
6574	-681.5	-91.8	-342.5	82.5	-41.2	-8.2	0.0331	0.0462	0.0022				-0.08	-0.34	-0.70	
6575	-718.9	-118.8	-435.7	146.5	63.1	-29.3	0.0331	0.0462	0.0022				-0.08	-0.42	-0.77	
6576	-848.4	-275.3	-914.3	181.8	258.1	-327.6	0.0331	0.0462	0.0057				-0.13	-0.63	-1.28	
6577	-1023.2	-408.0	-1292.6	188.3	-207.7	-542.0	0.0331	0.0462	0.0057				-0.08	-1.07	-1.57	
6578	-968.4	-264.1	-897.3	222.7	-551.7	-155.7	0.0331	0.0462	0.0022				-0.05	-0.59	-1.49	
6579	-730.3	-123.7	-449.5	258.9	-211.3	111.8	0.0331	0.0462	0.0022				-0.03	-0.34	-0.94	
6580	-578.9	-112.7	-222.9	270.4	-139.5	120.5	0.0331	0.0462	0.0022	0.73	0.52	10.80	0.00	-0.20	-0.79	0.0
6581	-453.9	-114.1	-99.6	279.7	-46.7	156.5	0.0331	0.0462	0.0022	3.34	2.39	49.52	0.00	-0.25	-0.75	0.0
6582	-92.7	-145.5	83.9	187.8	107.7	113.3	0.0331	0.0462	0.0022	7.05	5.05	104.41	0.00	-0.31	-0.54	0.0
6583	-123.2	-146.3	89.7	203.2	105.6	119.9	0.0331	0.0462	0.0022	7.22	5.17	106.94	0.00	-0.32	-0.58	0.0
6584	-161.2	-146.3	92.4	220.8	102.0	127.6	0.0331	0.0462	0.0022	7.35	5.26	108.82	0.00	-0.33	-0.62	0.0
6585	-118.6	-130.3	-86.1	235.1	60.0	124.8	0.0331	0.0462	0.0022	5.33	3.81	78.92	0.00	-0.32	-0.55	0.0
6586	-150.9	-131.6	-80.9	245.5	55.2	130.6	0.0331	0.0462	0.0022	5.27	3.77	78.05	0.00	-0.32	-0.57	0.0
6587	-188.9	-131.7	-74.0	255.1	50.2	134.6	0.0331	0.0462	0.0022	5.16	3.70	76.47	0.00	-0.31	-0.60	0.0
6588	-195.4	-130.2	-203.4	260.0	-61.2	89.1	0.0331	0.0462	0.0022	3.07	2.20	45.51	0.00	-0.27	-0.57	0.0
6589	-216.9	-129.8	-198.1	268.0	-59.5	99.6	0.0331	0.0462	0.0022	3.12	2.23	46.18	0.00	-0.26	-0.59	0.0
6590	-246.0	-128.8	-188.1	273.9	-58.4	106.5	0.0331	0.0462	0.0022	3.04	2.18	45.05	0.00	-0.26	-0.61	0.0
6591	-356.6	-125.9	-14.9	275.8	37.6	151.6	0.0331	0.0462	0.0022	5.27	3.77	78.04	0.00	-0.30	-0.72	0.0
6592	-426.1	-120.3	-256.5	287.6	-113.2	102.2	0.0331	0.0462	0.0022	1.68	1.20	24.90	0.00	-0.26	-0.71	0.0
6593	-538.5	-156.6	-435.3	272.9	-298.9	-31.0	0.0331	0.0462	0.0022	1.62	1.16	23.96	0.00	-0.39	-0.90	0.0
6594	-277.3	-138.4	36.3	263.6	71.7	146.7	0.0331	0.0462	0.0022	6.40	4.58	94.82	0.00	-0.32	-0.69	0.0
6595	-323.3	-125.0	-169.0	283.8	-56.7	124.8	0.0331	0.0462	0.0022	2.90	2.08	43.00	0.00	-0.25	-0.66	0.0
6596	-398.1	-138.7	-311.6	281.2	-163.3	68.1	0.0331	0.0462	0.0022	1.34	0.96	19.85	0.00	-0.27	-0.71	0.0
6597	-212.6	-146.1	76.5	243.4	91.2	134.1	0.0331	0.0462	0.0022	7.03	5.04	104.21	0.00	-0.32	-0.66	0.0
6598	-245.3	-131.2	-100.5	269.9	27.8	135.5	0.0331	0.0462	0.0022	4.52	3.23	66.92	0.00	-0.30	-0.63	0.0
6599	-301.0	-131.0	-221.0	277.9	-86.8	97.6	0.0331	0.0462	0.0022	2.33	1.67	34.58	0.00	-0.25	-0.63	0.0
6600	-1033.1	-255.5	-2121.9	-282.3	-1484.0	-588.8	0.0247	0.0357	0.0022							
6601	-964.4	-198.1	-1441.7	-253.6	-1183.5	-440.4	0.0247	0.0357	0.0022							
6602	-753.9	-115.4	-954.4	-174.0	-845.2	-255.2	0.0247	0.0357	0.0022							
6603	-971.0	-260.0	-1772.4	-277.2	-1318.8	-567.7	0.0247	0.0357	0.0022							
6604	-832.6	-163.9	-1247.1	-231.0	-1027.1	-378.1	0.0247	0.0357	0.0022							
6605	-670.6	-91.5	-885.9	-162.9	-779.2	-226.0	0.0247	0.0357	0.0022							
6606	-815.4	-179.6	-1399.5	-258.9	-1080.0	-459.3	0.0247	0.0357	0.0022							
6607	-703.9	-122.4	-1067.5	-203.3	-886.5	-313.1	0.0247	0.0357	0.0022							
6608	-581.2	-67.1	-812.1	-146.8	-712.7	-193.4	0.0303	0.0406	0.0127	0.94	0.70	2.25	0.00	-0.06	-1.49	0.0
6609	-1193.3	-250.3	-6568.8	201.6	615.1	187.2	0.0247	0.0357	0.0055							
6610	-819.6	-302.2	-7137.1	385.0	538.7	-79.1	0.0247	0.0357	0.0055							
6611	-629.9	-362.6	-7734.5	321.0	357.3	-365.3	0.0247	0.0357	0.0055							
6612	-620.7	-325.5	-8087.1	282.4	-364.7	-772.3	0.0247	0.0357	0.0055							
6613	-496.8	-226.6	-7591.4	164.9	-1048.6	-1163.9	0.0247	0.0357	0.0055							
6614	-269.0	-470.6	-7252.0	143.2	-1177.5	-1488.2	0.0247	0.0357	0.0057							
6615	-1253.9	-714.9	-6491.4	-224.6	-2003.0	-1385.7	0.0247	0.0357	0.0057							
6616	-1176.6	-557.6	-5106.0	-293.2	-1873.9	-1199.0	0.0247	0.0357	0.0057							
6617	-1051.3	-420.9	-3998.7	-279.8	-1829.7	-988.7	0.0247	0.0357	0.0057							
6618	-993.1	-319.3	-2973.7	-249.6	-1727.4	-783.8	0.0247	0.0357	0.0057							
6619	-837.2	102.6	-6691.9	145.4	371.3	-681.5	0.0247	0.0357	0.0055							
6620	-722.5	-4.7	-7090.4	236.6	248.9	-924.8	0.0247	0.0357	0.0055							
6621	-528.0	-119.5	-7188.1	229.4	-353.9	-1256.3	0.0247	0.0357	0.0055							
6622	-389.1	-154.4	-7198.9	371.9	-621.1	-1456.9	0.0247	0.0357	0.0055							
6623	-666.9	-162.3	-6703.9	129.0	-1323.5	-1316.1	0.0247	0.0357	0.0057							
6624	-615.7	-365.8	-5927.3	-230.9	-1344.6	-1428.6	0.0247	0.0357	0.0057							
6625	-1093.1	-587.5	-5119.6	-379.2	-1704.6	-1391.8	0.0247	0.0357	0.0057							
6626	-982.5	-457.5	-4165.4	-305.8	-1617.1	-1127.4	0.0247	0.0357	0.0057							
6627	-870.2	-326.2	-3207.3	-276.9	-1676.6	-969.7	0.0247	0.0357	0.0057							
6628	-905.6	-286.6	-2426.7	-283.4	-1463.8	-806.4	0.0247	0.0357	0.0022							
6629	-606.6	59.4	-5771.2	145.4	201.5	-1602.2	0.0247	0.0357	0.0057							
6630	-513.9	15.0	-5953.4	153.6	-165.2	-1713.0	0.0247	0.0357	0.0057							
6631	-368.7	-33.4	-5843.8	61.3	-558.4	-1701.4	0.0247	0.0357	0.0057							
6632	-411.0	-413.5	-5690.4	-137.9	-750.8	-1835.9	0.0247	0.0357	0.0057							
6633	-864.0	-838.6	-5392.1	-362.9	-1183.5	-1891.1	0.0247	0.0357	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6634	-849.9	-685.1	-4662.6	-406.2	-1327.3	-1535.9	0.0247	0.0357	0.0057							
6635	-746.4	-475.1	-3975.5	-333.3	-1323.9	-1229.1	0.0247	0.0357	0.0057							
6636	-738.8	-365.9	-3244.3	-291.3	-1455.2	-1077.2	0.0247	0.0357	0.0057							
6637	-737.9	-275.4	-2504.4	-275.7	-1399.7	-853.4	0.0247	0.0357	0.0057							
6638	-820.7	-226.0	-1891.6	-299.6	-1241.3	-609.9	0.0247	0.0357	0.0022							
6639	-458.4	-656.8	-3937.8	85.8	70.3	-1945.3	0.0247	0.0357	0.0057							
6640	-426.5	-711.6	-4036.5	-68.6	-232.1	-2010.2	0.0247	0.0357	0.0057							
6641	-426.1	-743.0	-4057.1	-195.0	-446.0	-1992.6	0.0247	0.0357	0.0057							
6642	-496.7	-640.7	-3893.3	-336.8	-677.8	-1771.9	0.0247	0.0357	0.0057							
6643	-507.0	-515.7	-3661.0	-346.5	-771.9	-1460.7	0.0247	0.0357	0.0057							
6644	-518.2	-473.5	-3422.4	-318.7	-937.0	-1239.6	0.0247	0.0357	0.0057							
6645	-500.3	-371.6	-2951.9	-284.1	-1146.5	-1086.0	0.0247	0.0357	0.0057							
6646	-535.0	-283.3	-2398.5	-262.0	-1185.1	-878.4	0.0247	0.0357	0.0057							
6647	-650.3	-252.8	-1913.3	-284.0	-1117.2	-670.3	0.0247	0.0357	0.0022							
6648	-675.7	-183.9	-1417.9	-266.6	-1020.1	-487.7	0.0247	0.0357	0.0022							
6649	-247.2	-568.8	-2185.2	44.8	-89.1	-1318.9	0.0247	0.0357	0.0057							
6650	-249.2	-589.4	-2243.3	-64.6	-178.3	-1343.3	0.0247	0.0357	0.0057							
6651	-267.2	-571.0	-2299.1	-131.6	-268.1	-1323.5	0.0247	0.0357	0.0057							
6652	-294.4	-502.0	-2409.6	-197.3	-335.6	-1248.1	0.0247	0.0357	0.0057							
6653	-258.3	-367.1	-2442.3	-247.5	-508.6	-1149.3	0.0247	0.0357	0.0057							
6654	-190.9	-245.6	-2297.3	-243.9	-712.5	-1024.2	0.0247	0.0357	0.0057							
6655	-256.8	-210.3	-2042.1	-230.6	-873.3	-800.9	0.0247	0.0357	0.0057							
6656	-402.5	-205.2	-1707.8	-246.9	-908.2	-610.9	0.0247	0.0357	0.0022							
6657	-470.9	-157.1	-1305.2	-235.6	-890.7	-456.8	0.0247	0.0357	0.0022							
6658	-441.1	-79.3	-959.6	-186.6	-764.3	-285.4	0.0247	0.0357	0.0022							
6659	-47.3	-272.2	-937.6	-17.9	-111.0	-632.9	0.0352	0.0358	0.0127	3.44	3.39	9.53	0.00	-0.17	-1.45	0.0
6660	-49.5	-277.7	-985.7	-35.8	-137.5	-646.5	0.0351	0.0358	0.0127	3.29	3.22	9.09	0.00	-0.16	-1.50	0.0
6661	-59.4	-273.5	-1061.2	-57.7	-159.0	-656.2	0.0349	0.0360	0.0127	2.96	2.87	8.14	0.00	-0.15	-1.56	0.0
6662	-68.3	-257.7	-1199.3	-77.7	-178.7	-671.4	0.0347	0.0362	0.0127	2.67	2.56	7.30	0.00	-0.14	-1.67	0.0
6663	10.2	-170.5	-1311.6	-93.5	-301.7	-645.1	0.0344	0.0365	0.0127	4.08	3.85	11.05	0.00	-0.09	-1.80	0.0
6664	78.0	-51.9	-1312.6	-155.2	-459.7	-545.9	0.0341	0.0369	0.0161	6.38	5.89	13.46	0.00	-0.07	-1.87	0.0
6665	-33.5	-42.7	-1211.0	-196.1	-603.5	-430.2	0.0337	0.0373	0.0127	6.60	5.96	17.49	0.00	-0.12	-1.83	0.0
6666	-160.2	-44.5	-967.6	-172.9	-700.2	-286.8	0.0332	0.0377	0.0127	7.37	6.48	19.24	0.00	-0.21	-1.70	0.0
6667	-189.5	2.0	-696.7	-136.0	-647.3	-150.4	0.0327	0.0383	0.0127	7.82	6.68	20.11	0.00	-0.22	-1.43	0.0
6668	-189.6	32.3	-475.2	-102.2	-575.3	-53.2	0.0321	0.0388	0.0127	8.41	6.97	21.27	0.00	-0.24	-1.21	0.0
6669	-99.5	59.7	30.1	29.1	-212.0	178.7	0.0129	0.0422	0.0127	21.19	6.50	21.58	0.00	-0.25	-0.58	0.0
6670	-103.6	61.5	14.3	25.3	-246.9	179.6	0.0135	0.0416	0.0127	21.37	6.93	22.71	0.00	-0.26	-0.63	0.0
6671	-108.2	65.1	-10.4	20.1	-289.4	178.8	0.0141	0.0411	0.0127	21.69	7.44	24.03	0.00	-0.27	-0.70	0.0
6672	-295.5	19.2	-321.2	-36.7	-372.8	71.8	0.0089	0.0357	0.0022							
6673	-283.8	25.2	-318.9	-41.1	-391.6	71.6	0.0089	0.0357	0.0022							
6674	-269.8	31.3	-317.6	-46.7	-412.8	70.4	0.0089	0.0357	0.0022							
6675	-515.2	-41.2	-619.6	-95.6	-573.1	-108.3	0.0089	0.0357	0.0022							
6676	-476.5	-28.2	-600.4	-94.3	-563.7	-99.8	0.0089	0.0357	0.0022							
6677	-437.4	-15.8	-575.1	-93.7	-556.2	-92.6	0.0143	0.0409	0.0127	3.89	1.36	4.37	0.00	-0.06	-1.14	0.0
6678	-173.5	54.1	-305.2	-70.1	-494.5	73.3	0.0316	0.0394	0.0127	9.53	7.64	23.67	0.00	-0.29	-1.04	0.0
6679	-400.1	-25.4	-712.3	-139.0	-655.2	-166.3	0.0247	0.0357	0.0022							
6680	-608.8	-103.2	-1063.3	-206.1	-845.6	-313.9	0.0247	0.0357	0.0022							
6681	-152.7	63.3	-176.8	-43.5	-419.5	127.0	0.0310	0.0399	0.0127	10.10	7.85	24.65	0.00	-0.30	-0.90	0.0
6682	-348.4	7.1	-535.9	-97.5	-556.7	-83.2	0.0247	0.0357	0.0022							
6683	-539.2	-58.9	-836.8	-156.1	-722.0	-210.3	0.0247	0.0357	0.0022							
6684	-126.0	66.7	-71.7	-23.7	-348.2	163.2	0.0147	0.0405	0.0127	22.18	8.03	25.58	0.00	-0.32	-0.79	0.0
6685	-292.4	27.3	-385.5	-63.9	-468.2	41.5	0.0247	0.0357	0.0022							
6686	-456.3	-24.4	-647.4	-113.3	-606.5	-125.3	0.0304	0.0405	0.0127	2.05	1.54	4.92	0.00	-0.06	-1.25	0.0
6687	-546.8	-104.9	-2374.9	-263.8	-1452.0	-704.1	0.0247	0.0179	0.0022							
6688	-517.5	-55.6	-1875.8	-242.3	-1292.3	-551.1	0.0247	0.0179	0.0022							
6689	-458.6	-7.6	-1455.1	-213.3	-1107.3	-409.5	0.0089	0.0179	0.0022							
6690	-454.2	-60.3	-2085.8	-269.8	-1309.9	-644.8	0.0247	0.0179	0.0022							
6691	-445.6	-31.1	-1710.9	-243.4	-1192.5	-514.2	0.0247	0.0179	0.0022							
6692	-397.0	8.0	-1377.9	-211.4	-1047.1	-385.1	0.0089	0.0179	0.0022							
6693	-367.6	-41.6	-1814.7	-262.5	-1179.0	-575.6	0.0247	0.0179	0.0022							
6694	-361.7	-7.8	-1544.7	-238.8	-1089.9	-465.2	0.0247	0.0179	0.0022							
6695	-332.0	23.3	-1303.0	-208.8	-984.0	-354.3	0.0301	0.0229	0.0127	9.30	12.22	22.05	0.00	-0.17	-2.28	0.0
6696	-405.2	79.3	-5948.4	138.9	248.4	-609.8	0.0247	0.0179	0.0055							
6697	-283.6	84.8	-6226.3	200.1	121.6	-669.3	0.0247	0.0179	0.0055							
6698	-96.8	94.9	-6460.2	237.5	-201.2	-770.9	0.0247	0.0179	0.0055							
6699	56.6	45.2	-6510.0	217.2	-426.5	-860.5	0.0247	0.0179	0.0055							
6700	20.3	-78.3	-6355.3	147.8	-658.3	-952.6	0.0247	0.0179	0.0055							
6701	-151.5	-98.0	-5892.1	-21.3	-937.1	-992.3	0.0247	0.0179	0.0057							
6702	-102.6	-105.2	-5237.8	-74.2	-1146.3	-1044.7	0.0247	0.0179	0.0057							
6703	-310.3	-174.0	-4503.0	-170.5	-1483.1	-1061.8	0.0247	0.0179	0.0057							
6704	-450.7	-175.9	-3698.8	-240.7	-1601.8	-990.1	0.0247	0.0179	0.0057							
6705	-537.4	-146.0	-2979.9	-280.8	-1565.6	-855.4	0.0247	0.0179	0.0057							
6706	-232.1	117.6	-5515.5	148.6	202.0	-951.7	0.0247	0.0179	0.0055							
6707	-130.3	82.6	-5691.0	181.3	-115.6	-1008.9	0.0247	0.0179	0.0055							
6708	-50.3	14.9	-5812.6	158.2	-300.1	-1063.7	0.0247	0.0179	0.0055							
6709	1.9	-66.1	-5731.8	14.8	-539.3	-1107.9	0.0247	0.0179	0.0055							
6710	3.8	-167.3	-5486.5	-81.0	-752.5	-1146.7	0.0247	0.0179	0.0057							
6711	-139.2	-210.1	-5061.0	-104.5	-1011.3	-1167.6	0.0247	0.0179	0.0057							
6712	-154.4	-170.1	-4445.4	-187.6	-1240.8	-1171.6	0.0247	0.0179	0.0057							
6713	-308.6	-172.3	-3787.3	-261.7	-1441.4	-1102.1	0.0247	0.0179	0.0057							
6714	-422.2	-156.7	-3142.9	-291.2	-1461.2	-958.7	0.0247	0.0179	0.0057							
6715	-466.6	-112.1	-2559.4	-291.0	-1419.7	-789.3	0.0247	0.0179	0.0022							
6716	-90.6	-87.4	-4621.0	111.5	116.9	-1254.8	0.0247	0.0179	0.0057							
6717	-37.5	-130.6	-4710.4	85.5	-182.8	-1305.5	0.0247	0.0179	0.0057							
6718	-20.2	-201.7	-4739.2	36.5	-364.4	-1347.7	0.0247	0.0179	0.0057							
6719	3.4	-197.7	-4661.1	-57.9	-576.4	-1338.2	0.0247	0.0179	0.0057							
6720	62.7	-134.5	-4427.2	-137.9	-785.0	-1298.2	0.0247	0.0179	0.0057							
6721	-44.0	-176.2	-4079.5	-211.6	-1028.3	-1270.7	0.0247	0.0179	0.0057							
6722	-163.7	-198.9	-3610.0	-277.1	-1214.3	-1190.4	0.0247	0.0179	0.0057							
6723	-257.5	-170.1	-3103.3	-308.0	-1292.9	-1043.0	0.0247	0.0179	0.0057							
6724	-341.7	-134.2	-2620.9	-313.9	-1303.4	-878.6	0.0247	0.0179	0.0022							
6725	-364.2	-85.9	-2168.4	-284.5	-1257.4	-719.0	0.0247	0.0179	0.0022							
6726	28.8	-192.7	-3485.3	78.1	51.2	-1422.7	0.0247	0.0179	0.0057							
6727	55.2	-211.8	-3555.8	27.7	-204.8	-1447.6	0.0247	0.0179	0.0057							
6728	78.4	-227.2	-3571.6	-64.6	-372.5	-1436.1	0.0247	0.0179	0.0057							
6729	87.9	-266.2	-3537.6	-126.7	-548.3	-1415.2	0.0247	0.0179	0.0057							
6730	55.8	-282.2	-3413.8	-211.3	-757.4	-1364.0	0.0247	0.0179	0.0057							
6731	6.0	-234.6	-3161.0	-274.3	-938.5	-1245.9	0.0247	0.0179	0.0057							
6732	-79.8	-193.1	-2845.5	-307.1	-1053.6	-1082.6	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6733	-167.3	-151.0	-2502.5	-318.6	-1117.2	-916.2	0.0247	0.0179	0.0022							
6734	-212.9	-89.6	-2141.1	-297.2	-1132.2	-752.1	0.0247	0.0179	0.0022							
6735	-248.2	-40.0	-1803.2	-269.4	-1091.7	-590.8	0.0247	0.0179	0.0022							
6736	113.5	-299.6	-2448.9	43.2	-83.6	-1253.5	0.0247	0.0179	0.0057							
6737	129.2	-309.7	-2514.6	-39.2	-194.3	-1270.6	0.0247	0.0179	0.0057							
6738	143.3	-308.1	-2563.4	-98.5	-318.4	-1256.1	0.0247	0.0179	0.0057							
6739	158.0	-286.6	-2562.0	-161.1	-469.5	-1203.5	0.0247	0.0179	0.0057							
6740	146.5	-256.9	-2496.0	-214.3	-622.5	-1114.8	0.0247	0.0179	0.0057							
6741	91.5	-217.0	-2374.4	-266.0	-757.3	-995.4	0.0247	0.0179	0.0057							
6742	29.5	-156.9	-2198.2	-295.0	-859.9	-860.1	0.0247	0.0179	0.0022							
6743	-23.6	-91.4	-1972.8	-287.0	-932.4	-710.1	0.0247	0.0179	0.0022							
6744	-82.1	-37.7	-1727.5	-269.7	-950.5	-561.1	0.0247	0.0179	0.0022							
6745	-133.8	4.8	-1477.1	-248.0	-930.2	-423.2	0.0247	0.0179	0.0022							
6746	204.1	-192.8	-1699.0	-13.8	-89.9	-761.4	0.0352	0.0179	0.0127	6.06	11.91	16.76	0.00	-0.09	-2.23	0.0
6747	216.6	-195.8	-1761.8	-49.2	-156.9	-772.0	0.0351	0.0180	0.0127	6.55	12.81	18.10	0.00	-0.11	-2.32	0.0
6748	230.2	-188.9	-1827.4	-90.4	-235.9	-767.6	0.0349	0.0181	0.0127	7.35	14.18	20.22	0.00	-0.14	-2.41	0.0
6749	247.8	-166.2	-1873.7	-138.4	-341.3	-739.5	0.0347	0.0184	0.0127	8.75	16.54	23.89	0.00	-0.19	-2.51	0.0
6750	233.8	-142.0	-1880.3	-192.4	-457.4	-680.1	0.0344	0.0187	0.0127	9.83	18.12	26.60	0.00	-0.25	-2.55	0.0
6751	190.8	-115.3	-1837.3	-223.7	-567.4	-598.3	0.0340	0.0190	0.0127	10.38	18.56	27.80	0.00	-0.29	-2.53	0.0
6752	158.1	-56.4	-1738.3	-238.5	-661.6	-500.6	0.0336	0.0195	0.0127	11.47	19.79	30.32	0.00	-0.31	-2.48	0.0
6753	105.1	1.7	-1598.9	-245.8	-727.6	-392.7	0.0331	0.0200	0.0127	12.15	20.17	31.67	0.00	-0.33	-2.37	0.0
6754	37.2	40.5	-1423.2	-235.7	-762.8	-281.9	0.0326	0.0205	0.0127	12.28	19.54	31.48	0.00	-0.33	-2.22	0.0
6755	-11.3	77.2	-1231.8	-212.9	-751.1	-176.7	0.0320	0.0210	0.0127	12.29	18.71	30.98	0.00	-0.33	-2.02	0.0
6756	-90.6	142.7	-500.0	-86.2	-476.1	172.8	0.0128	0.0245	0.0127	28.05	14.58	28.15	0.00	-0.34	-1.18	0.0
6757	-83.3	141.2	-566.9	-97.9	-510.8	163.5	0.0133	0.0240	0.0127	27.76	15.44	29.11	0.00	-0.35	-1.27	0.0
6758	-74.5	140.3	-646.9	-112.1	-550.7	151.0	0.0139	0.0234	0.0127	27.71	16.49	30.33	0.00	-0.37	-1.37	0.0
6759	-224.9	94.0	-781.8	-127.0	-695.3	-107.2	0.0089	0.0179	0.0022							
6760	-199.0	95.6	-809.4	-136.2	-701.8	-106.4	0.0089	0.0179	0.0022							
6761	-171.5	97.5	-844.7	-146.1	-709.0	-105.1	0.0089	0.0179	0.0022							
6762	-354.1	43.3	-1097.3	-170.5	-901.9	-259.4	0.0089	0.0179	0.0022							
6763	-311.0	50.7	-1082.8	-174.1	-879.0	-250.8	0.0089	0.0179	0.0022							
6764	-266.8	58.1	-1069.6	-178.4	-857.3	-239.5	0.0141	0.0232	0.0127	19.94	12.14	22.13	0.00	-0.17	-1.95	0.0
6765	-43.2	103.9	-1054.0	-186.0	-713.9	-90.8	0.0314	0.0216	0.0127	12.20	17.75	30.20	0.00	-0.32	-1.82	0.0
6766	-156.6	40.8	-1262.8	-219.9	-878.9	-307.8	0.0247	0.0179	0.0022							
6767	-270.3	-7.0	-1536.1	-246.3	-1032.8	-466.0	0.0247	0.0179	0.0022							
6768	-61.6	123.0	-896.5	-158.7	-664.4	60.4	0.0309	0.0222	0.0127	13.14	18.28	31.92	0.00	-0.38	-1.67	0.0
6769	-165.8	67.4	-1092.0	-192.7	-819.4	-217.7	0.0247	0.0179	0.0022							
6770	-267.8	23.6	-1334.4	-221.1	-964.1	-366.6	0.0247	0.0179	0.0022							
6771	-68.7	136.3	-755.6	-132.8	-604.9	119.4	0.0145	0.0228	0.0127	27.58	17.55	31.46	0.00	-0.38	-1.51	0.0
6772	-162.0	89.7	-937.0	-164.9	-750.8	-138.6	0.0089	0.0179	0.0022							
6773	-254.4	49.4	-1151.0	-194.0	-886.9	-275.9	0.0145	0.0228	0.0127	20.23	12.88	23.08	0.00	-0.18	-2.05	0.0
6774	-240.2	-51.1	-2469.4	-231.7	-1346.3	-706.0	0.0247	0.0179	0.0022							
6775	-264.7	-23.3	-2096.9	-227.7	-1261.2	-582.6	0.0247	0.0179	0.0022							
6776	-259.1	10.1	-1774.0	-211.0	-1139.3	-453.1	0.0089	0.0179	0.0022							
6777	-209.4	-44.8	-2247.5	-242.1	-1246.4	-662.9	0.0247	0.0179	0.0022							
6778	-222.2	-15.1	-1968.8	-232.0	-1173.9	-547.9	0.0247	0.0179	0.0022							
6779	-221.7	14.5	-1722.8	-214.9	-1081.0	-431.6	0.0089	0.0179	0.0022							
6780	-165.3	-30.2	-2048.3	-247.6	-1138.5	-596.1	0.0247	0.0179	0.0022							
6781	-179.0	-5.6	-1855.4	-234.1	-1085.7	-500.2	0.0247	0.0179	0.0022							
6782	-184.4	20.3	-1681.3	-216.9	-1018.4	-402.0	0.0142	0.0231	0.0127	23.39	14.35	26.09	0.00	-0.22	-2.62	0.0
6783	-97.9	10.6	-5305.7	122.3	109.8	-1122.4	0.0247	0.0179	0.0055							
6784	-43.4	-45.8	-5750.5	162.8	-368.7	-954.8	0.0247	0.0179	0.0055							
6785	8.9	-96.9	-6160.0	124.3	-338.5	-802.0	0.0247	0.0179	0.0055							
6786	39.4	-127.1	-6193.9	106.5	-450.8	-806.2	0.0247	0.0179	0.0055							
6787	108.4	-142.4	-5882.8	54.1	-410.8	-665.4	0.0247	0.0179	0.0057							
6788	124.0	-115.8	-5094.4	-42.9	-502.7	-730.8	0.0247	0.0179	0.0057							
6789	19.8	-93.5	-4306.4	-116.8	-941.5	-957.0	0.0247	0.0179	0.0057							
6790	-28.7	-86.6	-3810.3	-152.8	-1188.3	-971.4	0.0247	0.0179	0.0057							
6791	-109.8	-86.6	-3351.6	-191.6	-1330.9	-914.7	0.0247	0.0179	0.0057							
6792	-184.2	-75.2	-2893.4	-217.0	-1377.8	-821.3	0.0247	0.0179	0.0022							
6793	12.7	-2.8	-4938.2	103.7	105.7	-675.2	0.0247	0.0179	0.0057							
6794	62.0	-37.1	-5024.2	103.8	-148.5	-695.2	0.0247	0.0179	0.0057							
6795	121.4	-78.0	-5049.7	68.5	-335.3	-693.8	0.0247	0.0179	0.0055							
6796	160.3	-114.2	-5021.6	24.0	-457.9	-691.7	0.0247	0.0179	0.0055							
6797	171.4	-115.3	-4625.0	-65.6	-457.3	-886.2	0.0247	0.0179	0.0057							
6798	136.3	-97.4	-4074.8	-141.2	-822.7	-1036.8	0.0247	0.0179	0.0057							
6799	49.7	-104.3	-3748.6	-175.8	-1023.8	-1027.3	0.0247	0.0179	0.0057							
6800	-22.4	-96.9	-3358.2	-207.8	-1174.2	-986.2	0.0247	0.0179	0.0057							
6801	-98.2	-85.3	-2965.8	-232.4	-1266.8	-898.4	0.0247	0.0179	0.0022							
6802	-163.8	-67.2	-2581.4	-243.1	-1283.6	-783.8	0.0247	0.0179	0.0022							
6803	163.9	-99.0	-3771.2	79.2	69.8	-1122.5	0.0247	0.0179	0.0057							
6804	191.7	-118.0	-3849.8	50.2	-185.7	-1148.7	0.0247	0.0179	0.0057							
6805	225.7	-137.1	-3872.4	-11.6	-351.1	-1155.2	0.0247	0.0179	0.0057							
6806	236.4	-162.8	-3805.4	-74.3	-517.7	-1159.0	0.0247	0.0179	0.0057							
6807	191.3	-175.6	-3685.6	-138.4	-702.9	-1144.7	0.0247	0.0179	0.0057							
6808	144.3	-151.8	-3493.7	-183.7	-850.1	-1112.4	0.0247	0.0179	0.0057							
6809	75.6	-129.5	-3216.8	-220.1	-1006.5	-1052.0	0.0247	0.0179	0.0057							
6810	-2.1	-111.3	-2919.7	-245.9	-1112.5	-957.0	0.0247	0.0179	0.0057							
6811	-69.4	-85.6	-2605.2	-256.3	-1167.5	-841.8	0.0247	0.0179	0.0022							
6812	-130.0	-57.1	-2299.2	-258.3	-1171.2	-711.5	0.0247	0.0179	0.0022							
6813	208.0	-191.9	-3104.9	52.2	-62.2	-1220.6	0.0247	0.0179	0.0057							
6814	227.6	-205.0	-3166.6	-11.5	-202.8	-1239.6	0.0247	0.0179	0.0057							
6815	240.0	-216.2	-3187.6	-60.1	-354.1	-1237.2	0.0247	0.0179	0.0057							
6816	238.0	-209.3	-3157.3	-116.6	-514.8	-1204.8	0.0247	0.0179	0.0057							
6817	216.1	-192.0	-3066.0	-167.4	-667.1	-1146.1	0.0247	0.0179	0.0057							
6818	164.3	-176.7	-2925.9	-214.3	-807.0	-1068.8	0.0247	0.0179	0.0057							
6819	101.0	-149.2	-2742.9	-247.6	-921.3	-973.8	0.0247	0.0179	0.0057							
6820	35.6	-114.2	-2523.0	-263.6	-1003.5	-860.3	0.0247	0.0179	0.0022							
6821	-31.7	-80.6	-2291.5	-268.8	-1042.6	-734.7	0.0247	0.0179	0.0022							
6822	-84.6	-44.5	-2060.6	-260.4	-1043.2	-605.1	0.0247	0.0179	0.0022							
6823	238.0	-234.8	-2510.5	26.3	-79.5	-1076.6	0.0247	0.0179	0.0022							
6824	252.0	-240.3	-2568.7	-38.4	-194.4	-1087.4	0.0247	0.0179	0.0022							
6825	260.1	-238.0	-2601.4	-87.0	-320.1	-1075.7	0.0247	0.0179	0.0022							
6826	252.7	-229.1	-2602.3	-137.3	-450.5	-1041.4	0.0247	0.0179	0.0057							
6827	227.4	-208.9	-2566.1	-187.2	-579.7	-981.7	0.0247	0.0179	0.0057							
6828	188.8	-176.5	-2486.8	-225.0	-697.8	-898.9	0.0247	0.0179	0.0057							
6829	136.4	-137.6	-2367.6	-250.0	-795.8	-799.6	0.0247	0.0179	0.0022							
6830	74.4	-96.1	-2221.0	-264.3	-862.9	-690.0	0.0247	0.0179	0.0022							
6831	16.5	-53.2	-2056.8	-263.0	-899.4	-574.4	0.0247	0.0179	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6832	-31.0	-11.5	-1887.5	-249.3	-903.8	-459.0	0.0247	0.0179	0.0022							
6833	252.2	-193.7	-2152.8	-15.5	-79.7	-766.3	0.0352	0.0179	0.0127	7.26	14.27	20.09	0.00	-0.19	-2.67	0.0
6834	262.9	-194.5	-2211.6	-53.2	-166.1	-773.9	0.0351	0.0180	0.0127	7.81	15.25	21.56	0.00	-0.21	-2.76	0.0
6835	268.9	-186.8	-2254.9	-94.3	-262.7	-765.7	0.0349	0.0181	0.0127	8.50	16.38	23.36	0.00	-0.23	-2.83	0.0
6836	262.5	-170.6	-2275.6	-136.3	-365.2	-739.0	0.0347	0.0184	0.0127	9.16	17.29	25.00	0.00	-0.26	-2.88	0.0
6837	245.1	-143.0	-2268.2	-173.5	-468.2	-694.8	0.0344	0.0187	0.0127	9.81	18.04	26.54	0.00	-0.28	-2.90	0.0
6838	215.4	-105.3	-2228.9	-206.5	-566.3	-632.8	0.0340	0.0191	0.0127	10.44	18.59	27.91	0.00	-0.29	-2.89	0.0
6839	168.5	-67.6	-2158.2	-229.7	-649.5	-554.2	0.0335	0.0195	0.0127	10.75	18.47	28.38	0.00	-0.30	-2.83	0.0
6840	118.1	-27.3	-2059.0	-238.6	-711.0	-465.9	0.0330	0.0200	0.0127	10.94	18.05	28.45	0.00	-0.31	-2.74	0.0
6841	69.2	14.4	-1939.8	-235.6	-748.2	-374.4	0.0325	0.0206	0.0127	11.03	17.43	28.21	0.00	-0.30	-2.63	0.0
6842	22.3	50.5	-1808.2	-222.9	-761.5	-284.3	0.0319	0.0211	0.0127	10.93	16.49	27.44	0.00	-0.30	-2.49	0.0
6843	-101.4	137.0	-1129.7	-108.9	-611.2	119.7	0.0126	0.0247	0.0127	24.81	12.63	24.56	0.00	-0.30	-1.73	0.0
6844	-90.7	133.9	-1217.1	-122.6	-636.1	97.7	0.0132	0.0241	0.0127	24.33	13.27	25.19	0.00	-0.31	-1.82	0.0
6845	-77.5	129.6	-1313.0	-138.4	-662.7	71.1	0.0138	0.0235	0.0127	24.04	14.05	26.02	0.00	-0.32	-1.93	0.0
6846	-174.7	87.2	-1283.8	-152.4	-808.4	-167.4	0.0089	0.0179	0.0022							
6847	-151.0	85.6	-1335.9	-162.4	-802.5	-171.3	0.0089	0.0179	0.0022							
6848	-126.0	84.1	-1396.2	-172.0	-796.3	-176.2	0.0089	0.0179	0.0022							
6849	-229.5	45.7	-1502.8	-185.5	-985.1	-313.6	0.0089	0.0179	0.0022							
6850	-198.6	46.9	-1510.1	-191.9	-953.5	-306.6	0.0089	0.0179	0.0022							
6851	-165.7	48.8	-1523.0	-197.5	-922.4	-297.0	0.0139	0.0233	0.0127	22.20	13.25	24.35	0.00	-0.21	-2.36	0.0
6852	-15.0	80.2	-1674.5	-203.9	-753.8	-205.3	0.0313	0.0217	0.0127	10.73	15.46	26.45	0.00	-0.28	-2.34	0.0
6853	-67.3	22.1	-1736.6	-231.3	-887.6	-362.2	0.0247	0.0179	0.0022							
6854	-116.4	-11.9	-1873.3	-245.1	-1016.6	-495.9	0.0247	0.0179	0.0022							
6855	-43.4	103.3	-1545.6	-182.4	-732.1	-137.5	0.0150	0.0223	0.0127	21.58	14.44	25.38	0.00	-0.27	-2.19	0.0
6856	-91.8	49.4	-1607.7	-211.1	-858.7	-282.9	0.0089	0.0179	0.0022							
6857	-135.8	14.0	-1729.6	-228.4	-979.9	-410.5	0.0247	0.0179	0.0022							
6858	-62.3	121.4	-1422.2	-159.4	-697.4	-80.7	0.0143	0.0229	0.0127	21.41	13.40	24.18	0.00	-0.25	-2.03	0.0
6859	-107.2	73.7	-1486.2	-188.9	-817.9	-210.8	0.0089	0.0179	0.0022							
6860	-146.9	37.8	-1595.8	-209.2	-932.7	-330.4	0.0143	0.0229	0.0127	22.18	13.86	25.03	0.00	-0.22	-2.44	0.0
6861	-81.0	-57.2	-2479.6	-187.3	-1193.2	-657.5	0.0247	0.0179	0.0022							
6862	-129.9	-39.7	-2226.6	-191.7	-1150.7	-557.9	0.0089	0.0179	0.0022							
6863	-159.1	-17.1	-2005.3	-185.3	-1071.8	-451.9	0.0089	0.0179	0.0022							
6864	-77.9	-56.9	-2335.8	-200.8	-1116.3	-625.2	0.0247	0.0179	0.0022							
6865	-116.1	-38.2	-2149.2	-198.9	-1079.0	-532.2	0.0089	0.0179	0.0022							
6866	-139.6	-15.3	-1983.5	-189.5	-1018.7	-436.8	0.0089	0.0179	0.0022							
6867	-69.8	-53.7	-2216.3	-208.4	-1031.6	-574.1	0.0247	0.0179	0.0022							
6868	-99.2	-33.4	-2088.5	-202.2	-1004.4	-496.4	0.0089	0.0179	0.0022							
6869	-120.8	-11.6	-1973.3	-191.4	-962.5	-416.5	0.0140	0.0233	0.0127	20.66	12.44	22.78	0.00	-0.22	-2.76	0.0
6870	374.8	9.0	-3269.8	57.7	-58.7	-1129.5	0.0247	0.0179	0.0055							
6871	384.0	51.7	-3015.8	22.1	-412.5	-938.0	0.0247	0.0179	0.0055							
6872	407.7	74.5	-2737.5	34.6	-351.7	-762.7	0.0247	0.0179	0.0055							
6873	401.7	77.9	-2680.9	-7.3	-419.5	-735.2	0.0247	0.0179	0.0055							
6874	369.9	66.5	-2881.6	6.1	-318.6	-586.8	0.0247	0.0179	0.0057							
6875	330.7	-12.2	-3353.9	13.2	-384.8	-655.0	0.0247	0.0179	0.0057							
6876	254.6	-65.0	-3503.5	-50.0	-788.4	-868.1	0.0247	0.0179	0.0057							
6877	158.8	-77.5	-3312.7	-103.8	-1011.5	-873.8	0.0247	0.0179	0.0057							
6878	70.2	-77.2	-3045.3	-143.9	-1135.1	-825.8	0.0247	0.0179	0.0057							
6879	-12.8	-70.0	-2757.8	-172.8	-1191.8	-749.7	0.0247	0.0179	0.0022							
6880	337.0	26.3	-3069.9	61.2	58.5	-600.3	0.0247	0.0179	0.0057							
6881	341.1	34.8	-3144.4	31.8	-168.4	-607.0	0.0247	0.0179	0.0057							
6882	330.6	42.4	-3166.4	18.0	-321.2	-595.5	0.0247	0.0179	0.0057							
6883	314.2	39.3	-3130.3	11.8	-398.9	-584.3	0.0247	0.0179	0.0057							
6884	301.1	-9.9	-3330.5	-6.3	-367.7	-776.1	0.0247	0.0179	0.0057							
6885	249.4	-64.5	-3402.5	-43.8	-703.6	-926.3	0.0247	0.0179	0.0057							
6886	197.4	-85.6	-3232.6	-99.4	-860.3	-918.8	0.0247	0.0179	0.0057							
6887	123.0	-91.8	-3031.4	-143.2	-1001.5	-884.9	0.0247	0.0179	0.0057							
6888	47.2	-87.3	-2796.7	-174.7	-1087.0	-813.6	0.0247	0.0179	0.0022							
6889	-23.5	-74.8	-2554.4	-194.0	-1123.3	-721.5	0.0247	0.0179	0.0022							
6890	257.1	-49.3	-3230.3	52.4	-47.9	-992.9	0.0247	0.0179	0.0057							
6891	268.5	-53.1	-3284.4	22.5	-189.8	-1006.4	0.0247	0.0179	0.0057							
6892	267.5	-58.5	-3297.2	-18.6	-325.9	-1006.2	0.0247	0.0179	0.0057							
6893	260.1	-69.4	-3281.7	-40.3	-455.1	-1010.3	0.0247	0.0179	0.0057							
6894	247.1	-86.2	-3196.5	-67.9	-607.5	-993.8	0.0247	0.0179	0.0057							
6895	212.9	-104.7	-3079.5	-108.1	-725.7	-967.1	0.0247	0.0179	0.0057							
6896	162.2	-111.8	-2938.9	-146.4	-858.4	-926.4	0.0247	0.0179	0.0057							
6897	100.4	-107.3	-2763.2	-178.3	-953.1	-854.6	0.0247	0.0179	0.0022							
6898	34.3	-94.3	-2572.8	-199.8	-1013.7	-765.9	0.0247	0.0179	0.0022							
6899	-25.5	-74.8	-2379.2	-208.7	-1037.9	-665.8	0.0247	0.0179	0.0022							
6900	253.8	-143.5	-2844.9	34.3	-69.1	-1048.3	0.0247	0.0179	0.0057							
6901	262.8	-148.6	-2899.0	-16.2	-193.9	-1060.0	0.0247	0.0179	0.0057							
6902	263.0	-150.7	-2921.4	-50.4	-324.8	-1054.2	0.0247	0.0179	0.0057							
6903	251.1	-152.7	-2907.3	-84.7	-457.2	-1030.1	0.0247	0.0179	0.0057							
6904	226.4	-152.9	-2861.7	-119.6	-581.6	-990.6	0.0247	0.0179	0.0057							
6905	191.3	-146.0	-2780.5	-152.2	-699.2	-933.9	0.0247	0.0179	0.0057							
6906	143.6	-133.6	-2669.1	-180.9	-795.9	-861.7	0.0247	0.0179	0.0022							
6907	88.1	-115.4	-2538.0	-202.2	-871.6	-777.8	0.0247	0.0179	0.0022							
6908	32.2	-91.3	-2394.5	-213.2	-919.3	-683.6	0.0247	0.0179	0.0022							
6909	-20.0	-64.0	-2247.8	-214.5	-938.9	-583.9	0.0247	0.0179	0.0022							
6910	241.6	-201.1	-2528.2	15.1	-77.2	-944.5	0.0247	0.0179	0.0022							
6911	247.9	-203.9	-2581.0	-36.0	-184.2	-952.4	0.0247	0.0179	0.0022							
6912	245.6	-200.9	-2612.0	-73.0	-296.3	-943.1	0.0247	0.0179	0.0022							
6913	233.7	-191.0	-2618.0	-109.8	-409.6	-915.8	0.0247	0.0179	0.0022							
6914	210.9	-175.0	-2596.4	-143.3	-519.4	-871.5	0.0247	0.0179	0.0022							
6915	176.5	-154.6	-2548.6	-172.6	-618.9	-812.7	0.0247	0.0179	0.0022							
6916	133.2	-129.7	-2477.6	-195.2	-703.5	-740.9	0.0247	0.0179	0.0022							
6917	85.4	-100.7	-2387.2	-208.5	-768.6	-659.6	0.0247	0.0179	0.0022							
6918	36.6	-69.5	-2284.1	-213.0	-811.9	-573.1	0.0247	0.0179	0.0022							
6919	-9.3	-37.9	-2174.4	-209.0	-832.6	-484.4	0.0247	0.0179	0.0022							
6920	220.5	-180.1	-2361.5	-15.8	-74.7	-753.8	0.0352	0.0179	0.0127	6.33	12.46	17.53	0.00	-0.17	-2.82	0.0
6921	224.7	-180.1	-2415.3	-48.1	-161.5	-759.9	0.0351	0.0180	0.0127	6.69	13.05	18.46	0.00	-0.18	-2.89	0.0
6922	221.8	-173.5	-2453.5	-81.6	-253.1	-752.7	0.0349	0.0181	0.0127	7.05	13.57	19.37	0.00	-0.19	-2.95	0.0
6923	211.0	-159.8	-2473.2	-114.4	-346.9	-731.7	0.0347	0.0184	0.0127	7.42	13.98	20.23	0.00	-0.21	-2.99	0.0
6924	190.7	-139.8	-2471.8	-144.7	-439.1	-696.4	0.0343	0.0187	0.0127	7.74	14.20	20.92	0.00	-0.22	-3.00	0.0
6925	161.4	-114.5	-2448.3	-169.4	-524.6	-647.7	0.0339	0.0191	0.0127	7.99	14.18	21.34	0.00	-0.22	-2.99	0.0
6926	126.2	-84.2	-2403.4	-186.7	-599.0	-588.3	0.0335	0.0196	0.0127	8.17	13.96	21.52	0.00	-0.22	-2.96	0.0
6927	85.8	-52.1	-2339.8	-196.2	-659.0	-521.0	0.0330	0.0201	0.0127	8.23	13.50	21.35	0.00	-0.22	-2.90	0.0
6928	44.1	-20.5	-2260.8	-197.3	-701.8	-449.2	0.0324	0.0207	0.0127	8.17	12.82	20.83	0.00	-0.22	-2.82	0.0
6929	5.3	9.9	-2171.6	-190.5	-726.3	-376.4	0.0318	0.0213	0.0127	8.02	12.01	20.08	0.00	-0.21	-2.72	0.0
6930	-116.6	89.3	-1632.4	-100.2	-672.9	-103.6	0.0124	0.0249	0.0127	14.41	7.20	14.08	0.00	-0.12	-2.08	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6931	-106.1	86.8	-1714.6	-112.8	-687.4	-127.3	0.0130	0.0243	0.0127	14.57	7.80	14.91	0.00	-0.13	-2.17	0.0
6932	-92.7	82.4	-1800.9	-126.8	-701.0	-155.3	0.0136	0.0237	0.0127	14.82	8.51	15.86	0.00	-0.15	-2.27	0.0
6933	-152.4	45.9	-1699.7	-139.8	-823.5	-220.4	0.0089	0.0179	0.0022							
6934	-133.3	44.8	-1758.1	-147.9	-811.6	-231.9	0.0089	0.0179	0.0022							
6935	-113.0	43.3	-1821.7	-155.4	-799.2	-245.4	0.0089	0.0179	0.0022							
6936	-168.1	10.7	-1827.5	-167.7	-958.8	-336.7	0.0089	0.0179	0.0022							
6937	-147.3	11.3	-1850.7	-172.8	-925.9	-335.8	0.0089	0.0179	0.0022							
6938	-124.4	12.6	-1879.5	-176.8	-893.8	-334.1	0.0138	0.0235	0.0127	18.64	10.92	20.20	0.00	-0.19	-2.57	0.0
6939	-27.9	35.8	-2078.2	-178.3	-735.2	-309.6	0.0154	0.0219	0.0127	15.79	11.14	19.17	0.00	-0.19	-2.61	0.0
6940	-45.2	-10.1	-2072.9	-198.7	-835.0	-407.0	0.0247	0.0179	0.0022							
6941	-59.5	-39.4	-2125.6	-208.9	-934.9	-498.9	0.0247	0.0179	0.0022							
6942	-55.2	57.0	-1984.3	-162.8	-732.2	-248.9	0.0148	0.0225	0.0127	15.60	10.29	18.19	0.00	-0.18	-2.50	0.0
6943	-72.7	12.9	-1983.1	-185.2	-826.0	-341.5	0.0089	0.0179	0.0022							
6944	-85.6	-17.5	-2029.5	-198.7	-918.7	-430.3	0.0089	0.0179	0.0022							
6945	-75.9	74.0	-1890.7	-144.6	-717.8	-195.1	0.0142	0.0231	0.0127	15.29	9.42	17.10	0.00	-0.16	-2.38	0.0
6946	-93.3	34.2	-1896.3	-168.8	-806.3	-280.4	0.0089	0.0179	0.0022							
6947	-105.8	2.9	-1939.2	-185.1	-893.0	-364.9	0.0142	0.0231	0.0127	18.55	11.39	20.71	0.00	-0.20	-2.64	0.0
6948	-28.3	-91.0	-2463.3	-150.2	-1043.6	-608.2	0.0247	0.0179	0.0022							
6949	-82.2	-77.2	-2304.1	-154.4	-1026.5	-530.1	0.0089	0.0179	0.0022							
6950	-121.2	-59.0	-2166.8	-149.4	-978.5	-447.4	0.0089	0.0179	0.0022							
6951	-39.7	-90.7	-2382.9	-158.8	-984.2	-586.9	0.0247	0.0179	0.0022							
6952	-80.5	-74.8	-2267.5	-158.4	-968.3	-514.9	0.0089	0.0179	0.0022							
6953	-111.7	-56.2	-2166.4	-151.5	-933.1	-441.0	0.0089	0.0179	0.0022							
6954	-46.3	-85.4	-2324.0	-163.2	-918.2	-553.1	0.0247	0.0179	0.0022							
6955	-77.2	-69.4	-2245.7	-159.4	-908.0	-493.3	0.0089	0.0179	0.0022							
6956	-102.8	-51.5	-2175.3	-151.7	-885.9	-431.8	0.0139	0.0234	0.0127	16.20	9.58	17.66	0.00	-0.19	-2.81	0.0
6957	372.1	-131.3	-2926.2	39.4	-61.6	-795.6	0.0247	0.0179	0.0055							
6958	318.5	-137.3	-2919.0	-25.4	-206.5	-785.6	0.0247	0.0179	0.0055							
6959	261.1	-154.7	-2886.1	-20.4	-313.0	-772.2	0.0247	0.0179	0.0055							
6960	232.4	-152.9	-2875.7	-32.7	-360.9	-744.2	0.0247	0.0179	0.0055							
6961	224.9	-129.8	-2926.7	-28.1	-414.5	-746.2	0.0247	0.0179	0.0057							
6962	267.0	-113.2	-2989.6	-9.3	-524.6	-769.9	0.0247	0.0179	0.0057							
6963	265.4	-107.3	-3014.0	-37.6	-677.8	-779.1	0.0247	0.0179	0.0057							
6964	198.6	-108.8	-2950.1	-79.0	-843.6	-775.0	0.0247	0.0179	0.0057							
6965	117.5	-107.6	-2808.8	-112.8	-959.0	-738.2	0.0247	0.0179	0.0057							
6966	39.7	-101.7	-2636.7	-136.6	-1023.7	-680.0	0.0247	0.0179	0.0022							
6967	303.6	-120.2	-2850.3	41.2	-50.1	-790.1	0.0247	0.0179	0.0057							
6968	291.2	-104.5	-2878.6	-13.5	-185.5	-780.0	0.0247	0.0179	0.0057							
6969	265.8	-87.5	-2877.4	-19.0	-286.7	-760.4	0.0247	0.0179	0.0057							
6970	237.4	-85.7	-2902.0	-11.0	-362.2	-766.3	0.0247	0.0179	0.0057							
6971	245.9	-80.2	-2919.1	5.0	-469.7	-777.6	0.0247	0.0179	0.0057							
6972	252.2	-89.7	-2927.1	-24.7	-577.3	-800.0	0.0247	0.0179	0.0057							
6973	207.1	-112.5	-2894.3	-65.1	-725.6	-811.8	0.0247	0.0179	0.0057							
6974	148.9	-118.5	-2795.4	-103.9	-843.7	-784.6	0.0247	0.0179	0.0057							
6975	81.2	-114.8	-2663.7	-133.3	-927.5	-731.5	0.0247	0.0179	0.0022							
6976	15.4	-104.6	-2517.7	-151.4	-973.7	-661.3	0.0247	0.0179	0.0022							
6977	266.9	-69.9	-2788.5	37.8	-59.2	-845.4	0.0247	0.0179	0.0057							
6978	264.6	-69.7	-2838.7	12.2	-175.1	-854.2	0.0247	0.0179	0.0057							
6979	252.1	-68.7	-2863.4	-21.4	-288.4	-853.2	0.0247	0.0179	0.0057							
6980	238.3	-73.9	-2865.3	-30.2	-396.7	-849.4	0.0247	0.0179	0.0057							
6981	221.5	-96.6	-2855.3	-41.4	-502.4	-852.7	0.0247	0.0179	0.0057							
6982	196.9	-118.4	-2817.6	-68.8	-619.3	-845.4	0.0247	0.0179	0.0057							
6983	159.3	-127.3	-2745.9	-100.6	-724.4	-814.7	0.0247	0.0179	0.0057							
6984	107.9	-127.0	-2650.9	-129.8	-812.3	-765.1	0.0247	0.0179	0.0022							
6985	52.0	-117.5	-2540.4	-150.3	-874.6	-699.6	0.0247	0.0179	0.0022							
6986	-3.2	-102.1	-2423.9	-161.5	-909.5	-623.6	0.0247	0.0179	0.0022							
6987	230.1	-136.8	-2657.8	24.6	-69.3	-904.3	0.0247	0.0179	0.0057							
6988	231.0	-139.3	-2706.7	-18.0	-176.8	-912.2	0.0247	0.0179	0.0057							
6989	223.6	-140.1	-2732.8	-40.1	-286.4	-907.1	0.0247	0.0179	0.0057							
6990	209.0	-141.5	-2736.0	-60.9	-395.0	-890.9	0.0247	0.0179	0.0057							
6991	188.4	-142.8	-2714.5	-82.7	-500.2	-863.0	0.0247	0.0179	0.0057							
6992	159.4	-143.2	-2672.3	-106.2	-597.2	-824.6	0.0247	0.0179	0.0057							
6993	121.6	-139.0	-2612.8	-129.7	-683.8	-775.3	0.0247	0.0179	0.0022							
6994	77.7	-127.8	-2538.0	-148.5	-754.1	-714.6	0.0247	0.0179	0.0022							
6995	30.3	-111.2	-2453.6	-160.6	-804.9	-645.3	0.0247	0.0179	0.0022							
6996	-15.8	-90.7	-2364.9	-164.7	-834.6	-570.2	0.0247	0.0179	0.0022							
6997	199.1	-178.3	-2502.9	10.0	-72.2	-847.4	0.0247	0.0179	0.0022							
6998	199.4	-179.9	-2552.6	-30.0	-166.7	-853.5	0.0247	0.0179	0.0022							
6999	192.5	-177.4	-2584.7	-56.3	-264.5	-846.6	0.0247	0.0179	0.0022							
7000	178.0	-171.3	-2598.1	-81.9	-362.1	-826.9	0.0247	0.0179	0.0022							
7001	156.1	-162.1	-2592.9	-105.9	-455.7	-795.1	0.0247	0.0179	0.0022							
7002	127.5	-149.3	-2569.6	-126.9	-542.0	-752.4	0.0247	0.0179	0.0022							
7003	93.4	-133.0	-2530.1	-143.8	-617.3	-700.4	0.0247	0.0179	0.0022							
7004	54.9	-113.5	-2477.8	-155.7	-679.1	-641.1	0.0247	0.0179	0.0022							
7005	15.1	-91.4	-2415.9	-161.2	-725.2	-576.4	0.0247	0.0179	0.0022							
7006	-23.1	-67.8	-2348.3	-160.1	-754.9	-508.9	0.0247	0.0179	0.0022							
7007	162.2	-170.2	-2434.2	-14.0	-68.8	-737.7	0.0352	0.0179	0.0127	4.67	9.19	12.93	0.00	-0.12	-2.82	0.0
7008	161.6	-170.4	-2485.1	-39.2	-148.7	-743.4	0.0351	0.0180	0.0127	4.84	9.45	13.37	0.00	-0.12	-2.88	0.0
7009	154.8	-165.4	-2522.6	-64.9	-232.0	-738.2	0.0349	0.0182	0.0127	5.01	9.63	13.76	0.00	-0.13	-2.93	0.0
7010	141.7	-155.4	-2545.4	-89.5	-316.1	-721.9	0.0346	0.0184	0.0127	5.15	9.70	14.05	0.00	-0.13	-2.96	0.0
7011	122.3	-140.9	-2552.5	-111.4	-397.7	-694.9	0.0343	0.0188	0.0127	5.27	9.65	14.23	0.00	-0.14	-2.98	0.0
7012	97.5	-122.4	-2543.9	-129.3	-473.9	-658.2	0.0339	0.0192	0.0127	5.35	9.47	14.28	0.00	-0.14	-2.98	0.0
7013	68.3	-101.3	-2520.4	-142.5	-541.8	-613.2	0.0334	0.0196	0.0127	5.38	9.15	14.14	0.00	-0.14	-2.96	0.0
7014	36.5	-78.3	-2483.4	-149.9	-599.1	-561.7	0.0329	0.0202	0.0127	5.34	8.71	13.82	0.00	-0.13	-2.92	0.0
7015	4.0	-54.8	-2435.2	-151.6	-644.3	-506.0	0.0323	0.0207	0.0127	5.23	8.15	13.30	0.00	-0.12	-2.87	0.0
7016	-27.4	-32.0	-2378.5	-147.7	-676.5	-448.3	0.0317	0.0214	0.0127	5.04	7.49	12.58	0.00	-0.11	-2.80	0.0
7017	-132.6	26.9	-1982.2	-78.5	-696.9	-193.9	0.0123	0.0250	0.0127	8.44	4.14	8.14	0.00	-0.06	-2.34	0.0
7018	-123.6	26.5	-2049.4	-88.8	-702.0	-222.1	0.0129	0.0244	0.0127	8.50	4.47	8.60	0.00	-0.06	-2.41	0.0
7019	-112.0	23.8	-2118.3	-100.2	-704.3	-253.7	0.0135	0.0238	0.0127	8.65	4.88	9.16	0.00	-0.07	-2.49	0.0
7020	-147.7	-7.5	-1999.3	-111.3	-804.5	-274.4	0.0089	0.0179	0.0022							
7021	-133.0	-6.8	-2052.6	-117.2	-789.4	-292.0	0.0089	0.0179	0.0022							
7022	-117.6	-6.8	-2108.7	-122.7	-773.1	-311.5	0.0089	0.0179	0.0022							
7023	-145.0	-36.1	-2063.0	-134.8	-901.2	-359.6	0.0089	0.0179	0.0022							
7024	-131.1	-34.2	-2092.5	-137.9	-870.4	-365.6	0.0089	0.0179	0.0022							
7025	-115.3	-31.8	-2125.9	-140.1	-840.1	-371.7	0.0136	0.0237	0.0127	13.92	8.01	14.92	0.00	-0.16	-2.68	0.0
7026	-54.8	-12.0	-2316.7	-139.4	-696.3	-393.5	0.0153	0.0220	0.0127	9.78	6.82	11.79	0.00	-0.10	-2.73	0.0
7027	-54.9	-46.9	-2283.6	-154.1	-769.6	-448.6	0.0089	0.0179	0.0022							
7028	-51.9	-71.3	-2289.5	-162.3	-844.3	-505.1	0.0089	0.0179	0.0022							
7029	-78.2	4.4	-2252.2	-128.2	-706.4	-341.6	0.0147	0.0226	0.0127	9.47	6.16	10.95	0.00	-0.09	-2.65	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7030	-80.0	-29.4	-2224.2	-144.9	-774.1	-395.7	0.0089	0.0179	0.0022							
7031	-77.8	-54.4	-2228.9	-155.6	-842.3	-451.5	0.0089	0.0179	0.0022							
7032	-96.8	17.6	-2185.8	-114.3	-707.0	-293.4	0.0141	0.0232	0.0127	9.06	5.50	10.04	0.00	-0.08	-2.57	0.0
7033	-100.1	-13.1	-2165.6	-132.9	-769.7	-345.2	0.0089	0.0179	0.0022							
7034	-99.3	-38.8	-2171.6	-145.8	-832.3	-399.8	0.0140	0.0232	0.0127	13.80	8.33	15.25	0.00	-0.16	-2.73	0.0
7035	-39.7	-134.4	-2435.2	-120.7	-928.0	-580.1	0.0247	0.0089	0.0022							
7036	-86.3	-121.7	-2346.4	-120.6	-926.5	-519.6	0.0089	0.0089	0.0022							
7037	-121.9	-106.1	-2272.7	-113.5	-899.8	-456.0	0.0089	0.0089	0.0022							
7038	-52.8	-130.6	-2402.1	-123.2	-881.3	-570.3	0.0089	0.0089	0.0022							
7039	-88.4	-116.8	-2339.2	-120.6	-879.0	-514.5	0.0089	0.0089	0.0022							
7040	-116.5	-101.3	-2285.8	-113.1	-860.9	-457.6	0.0089	0.0089	0.0022							
7041	-62.7	-122.2	-2385.8	-122.8	-829.1	-552.1	0.0089	0.0089	0.0022							
7042	-89.3	-109.3	-2343.1	-118.5	-829.9	-505.3	0.0089	0.0089	0.0022							
7043	-111.9	-94.9	-2305.4	-111.4	-820.9	-457.5	0.0137	0.0146	0.0127	12.36	11.58	13.34	0.00	-0.19	-2.83	0.0
7044	281.8	-167.2	-2680.0	45.3	44.4	-750.6	0.0247	0.0089	0.0055							
7045	271.5	-171.5	-2725.3	28.5	-150.3	-763.5	0.0247	0.0089	0.0055							
7046	249.2	-170.6	-2747.1	-18.8	-252.8	-765.5	0.0247	0.0089	0.0055							
7047	226.0	-171.0	-2763.5	-24.9	-346.2	-766.4	0.0247	0.0089	0.0055							
7048	213.6	-173.0	-2774.8	-34.3	-443.9	-766.6	0.0247	0.0089	0.0057							
7049	191.6	-168.6	-2773.5	-53.6	-547.1	-758.1	0.0247	0.0089	0.0057							
7050	165.1	-163.0	-2751.0	-67.1	-652.9	-742.7	0.0247	0.0089	0.0057							
7051	128.1	-157.8	-2702.5	-83.5	-754.6	-718.5	0.0247	0.0089	0.0057							
7052	74.8	-152.4	-2627.1	-100.8	-841.5	-683.6	0.0247	0.0089	0.0022							
7053	15.8	-144.8	-2532.6	-114.2	-900.6	-636.4	0.0247	0.0089	0.0022							
7054	251.6	-164.5	-2618.9	38.6	-52.3	-788.4	0.0247	0.0089	0.0057							
7055	241.3	-168.4	-2662.3	17.6	-158.0	-797.2	0.0247	0.0089	0.0057							
7056	222.6	-171.5	-2690.0	-21.5	-258.0	-799.9	0.0247	0.0089	0.0057							
7057	208.1	-170.5	-2704.3	-32.2	-357.2	-797.0	0.0247	0.0089	0.0057							
7058	188.1	-171.8	-2709.9	-44.6	-454.0	-791.6	0.0247	0.0089	0.0057							
7059	164.6	-171.2	-2701.9	-57.6	-554.9	-780.5	0.0247	0.0089	0.0057							
7060	138.0	-166.1	-2674.4	-74.4	-652.6	-760.2	0.0247	0.0089	0.0057							
7061	95.1	-161.7	-2625.2	-93.8	-743.8	-728.6	0.0247	0.0089	0.0022							
7062	44.7	-154.1	-2555.9	-110.0	-815.0	-683.7	0.0247	0.0089	0.0022							
7063	-7.4	-143.3	-2476.4	-120.2	-861.8	-628.3	0.0247	0.0089	0.0022							
7064	215.1	-167.6	-2566.0	30.6	-60.2	-823.5	0.0247	0.0089	0.0057							
7065	209.7	-168.8	-2611.5	-14.1	-160.9	-830.5	0.0247	0.0089	0.0057							
7066	197.2	-168.9	-2639.1	-27.7	-260.8	-829.2	0.0247	0.0089	0.0057							
7067	180.2	-170.4	-2653.3	-39.9	-358.7	-822.9	0.0247	0.0089	0.0057							
7068	160.8	-169.5	-2653.0	-53.8	-456.0	-809.7	0.0247	0.0089	0.0057							
7069	135.9	-168.6	-2638.3	-68.6	-549.9	-789.4	0.0247	0.0089	0.0057							
7070	102.4	-167.0	-2607.8	-87.0	-638.5	-759.9	0.0247	0.0089	0.0022							
7071	62.2	-160.6	-2561.2	-104.1	-714.6	-718.4	0.0247	0.0089	0.0022							
7072	17.6	-150.0	-2503.6	-116.7	-773.2	-666.5	0.0247	0.0089	0.0022							
7073	-26.9	-136.1	-2440.5	-122.9	-811.9	-607.1	0.0247	0.0089	0.0022							
7074	179.6	-172.9	-2505.7	20.0	-64.9	-833.8	0.0247	0.0089	0.0057							
7075	175.5	-174.9	-2552.4	-19.2	-158.4	-840.5	0.0247	0.0089	0.0057							
7076	164.8	-175.1	-2583.1	-35.6	-253.8	-836.9	0.0247	0.0089	0.0057							
7077	148.7	-174.3	-2598.0	-51.1	-348.4	-824.3	0.0247	0.0089	0.0057							
7078	127.3	-173.1	-2598.9	-66.2	-439.6	-803.6	0.0247	0.0089	0.0057							
7079	100.7	-169.7	-2585.6	-82.7	-525.7	-774.2	0.0247	0.0089	0.0022							
7080	69.0	-162.6	-2559.2	-98.5	-602.8	-735.5	0.0247	0.0089	0.0022							
7081	32.9	-152.0	-2522.4	-111.3	-668.1	-688.5	0.0247	0.0089	0.0022							
7082	-5.1	-137.9	-2478.0	-119.0	-718.8	-634.6	0.0247	0.0089	0.0022							
7083	-42.4	-121.5	-2429.6	-121.1	-753.7	-575.9	0.0247	0.0089	0.0022							
7084	140.8	-181.1	-2455.8	8.7	-64.8	-799.8	0.0247	0.0089	0.0022							
7085	136.9	-182.4	-2503.0	-24.2	-148.6	-805.4	0.0247	0.0089	0.0022							
7086	127.3	-180.6	-2537.0	-42.5	-235.1	-800.7	0.0247	0.0089	0.0022							
7087	112.1	-176.1	-2557.5	-60.4	-321.3	-786.1	0.0247	0.0089	0.0022							
7088	92.0	-168.9	-2564.5	-77.4	-404.3	-762.2	0.0247	0.0089	0.0022							
7089	67.3	-159.3	-2559.2	-92.3	-481.5	-729.9	0.0247	0.0089	0.0022							
7090	38.9	-147.2	-2542.7	-104.4	-550.7	-690.3	0.0247	0.0089	0.0022							
7091	8.1	-132.8	-2516.9	-112.5	-609.6	-644.5	0.0247	0.0089	0.0022							
7092	-23.6	-116.5	-2483.7	-116.2	-656.8	-594.0	0.0247	0.0089	0.0022							
7093	-54.3	-99.5	-2445.6	-115.1	-691.5	-540.5	0.0247	0.0089	0.0022							
7094	100.1	-166.0	-2440.6	-11.0	-60.7	-731.5	0.0352	0.0089	0.0127	2.91	11.43	8.05	0.00	-0.05	-2.76	0.0
7095	96.1	-166.5	-2488.9	-29.4	-133.4	-737.3	0.0351	0.0090	0.0127	2.97	11.52	8.19	0.00	-0.06	-2.81	0.0
7096	87.3	-163.3	-2526.6	-48.1	-209.0	-734.3	0.0349	0.0092	0.0127	3.02	11.44	8.30	0.00	-0.06	-2.86	0.0
7097	73.9	-156.5	-2552.9	-65.7	-285.0	-722.3	0.0346	0.0095	0.0127	3.07	11.21	8.38	0.00	-0.06	-2.89	0.0
7098	56.3	-146.5	-2567.6	-81.3	-358.9	-701.9	0.0343	0.0098	0.0127	3.12	10.85	8.41	0.00	-0.07	-2.91	0.0
7099	35.1	-133.8	-2570.9	-93.8	-428.5	-673.8	0.0339	0.0103	0.0127	3.15	10.37	8.38	0.00	-0.07	-2.92	0.0
7100	11.5	-119.0	-2563.3	-102.8	-491.8	-638.9	0.0334	0.0108	0.0127	3.15	9.79	8.28	0.00	-0.07	-2.91	0.0
7101	-13.8	-103.0	-2546.0	-107.8	-547.3	-598.7	0.0328	0.0113	0.0127	3.13	9.10	8.10	0.00	-0.07	-2.90	0.0
7102	-39.4	-86.8	-2520.1	-108.7	-593.8	-554.4	0.0322	0.0119	0.0127	3.08	8.36	7.82	0.00	-0.07	-2.87	0.0
7103	-64.0	-71.0	-2487.2	-105.5	-630.5	-507.5	0.0316	0.0125	0.0127	3.01	7.60	7.48	0.00	-0.07	-2.84	0.0
7104	-148.3	-38.0	-2212.9	-52.9	-705.5	-272.8	0.0121	0.0162	0.0127	6.60	4.93	6.29	0.00	-0.10	-2.54	0.0
7105	-141.2	-35.6	-2263.5	-60.7	-702.4	-303.1	0.0127	0.0156	0.0127	6.37	5.17	6.37	0.00	-0.09	-2.59	0.0
7106	-132.1	-35.4	-2314.7	-69.5	-695.6	-336.2	0.0133	0.0150	0.0127	6.10	5.41	6.40	0.00	-0.08	-2.65	0.0
7107	-153.8	-63.7	-2202.3	-78.8	-781.0	-328.0	0.0089	0.0089	0.0022							
7108	-142.7	-60.8	-2246.5	-82.6	-763.1	-349.9	0.0089	0.0089	0.0022							
7109	-131.3	-58.7	-2291.9	-86.5	-743.8	-373.0	0.0089	0.0089	0.0022							
7110	-146.1	-86.7	-2223.3	-99.1	-848.7	-389.9	0.0089	0.0089	0.0022							
7111	-136.2	-82.9	-2253.4	-100.3	-820.0	-401.6	0.0089	0.0089	0.0022							
7112	-125.0	-78.9	-2286.0	-101.1	-791.2	-413.4	0.0135	0.0149	0.0127	10.43	9.45	11.06	0.00	-0.16	-2.76	0.0
7113	-85.7	-57.3	-2448.9	-99.2	-657.5	-462.0	0.0152	0.0131	0.0127	5.98	6.92	7.16	0.00	-0.07	-2.79	0.0
7114	-79.9	-84.5	-2407.2	-110.3	-713.8	-491.8	0.0089	0.0089	0.0022							
7115	-72.2	-106.5	-2387.2	-118.6	-771.4	-524.5	0.0089	0.0089	0.0022							
7116	-104.4	-46.5	-2407.2	-90.8	-676.4	-417.3	0.0146	0.0138	0.0127	5.96	6.31	6.84	0.00	-0.07	-2.75	0.0
7117	-100.4	-72.5	-2370.3	-103.3	-727.0	-447.9	0.0089	0.0089	0.0022							
7118	-93.8	-94.0	-2352.3	-113.1	-778.5	-481.6	0.0089	0.0089	0.0022							
7119	-119.6	-38.3	-2362.7	-80.3	-687.7	-374.4	0.0139	0.0144	0.0127	5.98	5.79	6.56	0.00	-0.07	-2.70	0.0
7120	-117.2	-61.6	-2332.9	-94.2	-732.9	-405.2	0.0089	0.0089	0.0022							
7121	-112.2	-82.9	-2319.0	-105.2	-778.8	-439.6	0.0139	0.0145	0.0127	10.22	9.83	11.18	0.00	-0.15	-2.79	0.0
7122	-82.7	-181.9	-2399.7	-99.5	-851.6	-576.1	0.0089	0.0089	0.0022							
7123	-119.2	-170.3	-2363.5	-94.0	-861.1	-529.7	0.0089	0.0089	0.0022							
7124	-146.5	-156.8	-2339.0	-83.2	-850.2	-480.8	0.0089	0.0089	0.0022							
7125	-92.8	-175.3	-2401.9	-96.1	-814.8	-578.2	0.0089	0.0089	0.0022							
7126	-120.4	-163.2	-2378.6	-89.9	-822.1	-534.3	0.0089	0.0089	0.0022							
7127	-141.7	-150.0	-2362.1	-80.1	-816.2	-489.2	0.0089	0.0089	0.0022							
7128	-100.4	-164.0	-2417.4	-90.1	-772.8	-573.4	0.0089	0.0089	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7129	-120.6	-153.4	-2401.9	-84.1	-780.9	-535.2	0.0089	0.0089	0.0022							
7130	-137.5	-141.7	-2389.2	-76.0	-780.9	-496.0	0.0136	0.0148	0.0127	10.09	9.27	10.78	0.00	-0.21	-2.87	0.0
7131	231.4	-213.9	-2475.5	37.3	-39.8	-727.9	0.0247	0.0089	0.0038							
7132	221.2	-215.2	-2520.5	19.2	-133.3	-737.1	0.0247	0.0089	0.0038							
7133	204.5	-216.9	-2552.6	-24.8	-228.9	-742.6	0.0247	0.0089	0.0038							
7134	184.1	-217.0	-2572.1	-37.8	-325.6	-743.3	0.0247	0.0089	0.0038							
7135	158.6	-215.2	-2580.3	-50.5	-421.8	-738.2	0.0247	0.0089	0.0057							
7136	130.2	-213.5	-2576.7	-61.9	-517.6	-728.5	0.0247	0.0089	0.0057							
7137	95.3	-210.5	-2559.8	-74.7	-610.4	-712.6	0.0247	0.0089	0.0057							
7138	53.9	-206.0	-2529.8	-86.0	-695.0	-689.2	0.0247	0.0089	0.0057							
7139	8.6	-199.8	-2489.5	-94.8	-766.3	-658.2	0.0247	0.0089	0.0022							
7140	-38.7	-191.7	-2443.8	-99.8	-819.9	-620.0	0.0247	0.0089	0.0022							
7141	196.7	-221.4	-2432.4	33.3	-48.8	-775.9	0.0247	0.0089	0.0057							
7142	187.2	-223.3	-2477.7	-16.7	-141.5	-785.0	0.0247	0.0089	0.0057							
7143	172.0	-223.8	-2509.2	-29.5	-236.8	-787.8	0.0247	0.0089	0.0057							
7144	151.0	-223.9	-2529.1	-41.9	-331.5	-785.1	0.0247	0.0089	0.0057							
7145	127.1	-222.1	-2538.3	-54.1	-425.7	-776.5	0.0247	0.0089	0.0057							
7146	98.6	-218.6	-2536.1	-66.7	-517.6	-761.1	0.0247	0.0089	0.0057							
7147	64.0	-213.8	-2522.4	-78.5	-603.9	-738.0	0.0247	0.0089	0.0057							
7148	25.8	-206.7	-2498.5	-88.5	-680.3	-707.2	0.0247	0.0089	0.0022							
7149	-15.7	-197.7	-2467.3	-95.6	-743.3	-668.9	0.0247	0.0089	0.0022							
7150	-57.2	-186.9	-2432.5	-98.3	-789.5	-624.1	0.0247	0.0089	0.0022							
7151	159.0	-222.0	-2406.5	26.4	-55.1	-811.8	0.0247	0.0089	0.0057							
7152	150.1	-224.2	-2450.9	-19.6	-145.2	-819.3	0.0247	0.0089	0.0057							
7153	135.6	-224.9	-2483.0	-32.7	-237.4	-819.4	0.0247	0.0089	0.0057							
7154	116.6	-223.7	-2503.6	-45.4	-329.7	-812.2	0.0247	0.0089	0.0057							
7155	93.0	-221.2	-2513.7	-57.3	-419.8	-798.0	0.0247	0.0089	0.0057							
7156	65.3	-216.6	-2513.8	-68.8	-505.8	-776.5	0.0247	0.0089	0.0057							
7157	33.8	-209.3	-2504.4	-79.1	-584.6	-747.1	0.0247	0.0089	0.0022							
7158	-1.0	-200.0	-2487.3	-87.7	-653.4	-710.4	0.0247	0.0089	0.0022							
7159	-37.3	-188.6	-2464.5	-92.9	-709.1	-666.9	0.0247	0.0089	0.0022							
7160	-72.5	-175.8	-2439.0	-93.6	-750.0	-618.3	0.0247	0.0089	0.0022							
7161	118.5	-216.8	-2396.9	18.1	-57.2	-823.1	0.0247	0.0089	0.0022							
7162	110.5	-218.4	-2441.4	-20.8	-142.1	-829.2	0.0247	0.0089	0.0057							
7163	97.4	-217.9	-2474.9	-33.7	-229.4	-826.6	0.0247	0.0089	0.0057							
7164	79.8	-215.3	-2497.9	-45.8	-316.5	-816.0	0.0247	0.0089	0.0057							
7165	58.3	-210.5	-2510.8	-57.0	-400.8	-797.3	0.0247	0.0089	0.0057							
7166	33.2	-203.6	-2514.5	-67.3	-480.0	-771.1	0.0247	0.0089	0.0022							
7167	5.0	-194.7	-2510.1	-76.9	-551.8	-737.8	0.0247	0.0089	0.0022							
7168	-25.0	-183.7	-2498.9	-83.7	-613.9	-698.0	0.0247	0.0089	0.0022							
7169	-55.5	-171.2	-2482.6	-86.7	-664.5	-652.8	0.0247	0.0089	0.0022							
7170	-84.5	-157.7	-2463.4	-85.5	-702.5	-603.6	0.0247	0.0089	0.0022							
7171	77.4	-198.3	-2406.7	9.6	-55.3	-799.0	0.0247	0.0089	0.0022							
7172	70.1	-199.5	-2451.9	-19.5	-132.4	-804.6	0.0247	0.0089	0.0022							
7173	58.6	-198.1	-2487.6	-31.9	-212.2	-801.5	0.0247	0.0089	0.0022							
7174	43.2	-194.1	-2513.7	-43.9	-291.8	-789.9	0.0247	0.0089	0.0022							
7175	24.3	-188.0	-2530.4	-55.4	-368.9	-770.5	0.0247	0.0089	0.0022							
7176	2.7	-179.7	-2538.4	-65.4	-441.2	-743.8	0.0247	0.0089	0.0022							
7177	-21.0	-169.7	-2538.4	-72.9	-506.8	-710.6	0.0247	0.0089	0.0022							
7178	-45.8	-158.4	-2531.6	-77.3	-564.2	-672.0	0.0247	0.0089	0.0022							
7179	-70.5	-146.3	-2519.2	-78.2	-612.1	-629.0	0.0247	0.0089	0.0022							
7180	-93.9	-134.1	-2502.4	-75.7	-649.9	-583.2	0.0089	0.0089	0.0022							
7181	37.3	-168.8	-2430.5	-7.8	-50.8	-743.4	0.0352	0.0089	0.0127	1.61	6.31	4.44	0.00	-0.02	-2.71	0.0
7182	30.6	-169.7	-2476.4	-20.0	-118.3	-749.5	0.0351	0.0090	0.0127	1.73	6.72	4.78	0.00	-0.03	-2.76	0.0
7183	20.7	-167.8	-2514.0	-32.6	-188.5	-748.0	0.0349	0.0092	0.0127	1.86	7.04	5.12	0.00	-0.05	-2.81	0.0
7184	7.7	-163.4	-2543.1	-44.5	-259.3	-739.1	0.0346	0.0095	0.0127	2.00	7.26	5.44	0.00	-0.06	-2.85	0.0
7185	-7.9	-156.7	-2563.5	-54.7	-328.3	-723.0	0.0343	0.0099	0.0127	2.13	7.38	5.74	0.00	-0.07	-2.88	0.0
7186	-25.6	-148.1	-2575.5	-62.6	-393.9	-700.2	0.0338	0.0103	0.0127	2.26	7.40	6.00	0.00	-0.08	-2.90	0.0
7187	-44.6	-138.3	-2579.3	-67.9	-454.4	-671.6	0.0333	0.0108	0.0127	2.38	7.33	6.23	0.00	-0.09	-2.91	0.0
7188	-64.3	-127.7	-2575.7	-70.2	-508.8	-638.0	0.0328	0.0114	0.0127	2.48	7.16	6.41	0.00	-0.10	-2.91	0.0
7189	-83.8	-117.2	-2565.2	-69.6	-556.0	-600.5	0.0322	0.0120	0.0127	2.58	6.93	6.52	0.00	-0.11	-2.90	0.0
7190	-102.1	-107.4	-2548.8	-66.1	-595.4	-560.1	0.0157	0.0126	0.0127	5.31	6.64	6.58	0.00	-0.12	-2.89	0.0
7191	-162.6	-100.3	-2366.0	-26.3	-708.7	-337.7	0.0120	0.0164	0.0127	6.73	4.93	6.35	0.00	-0.17	-2.70	0.0
7192	-157.6	-94.9	-2402.2	-31.6	-698.4	-369.7	0.0126	0.0158	0.0127	6.50	5.19	6.44	0.00	-0.16	-2.74	0.0
7193	-151.3	-91.3	-2439.0	-37.7	-684.6	-403.3	0.0132	0.0152	0.0127	6.22	5.41	6.46	0.00	-0.16	-2.77	0.0
7194	-167.7	-120.9	-2342.7	-47.4	-768.4	-381.8	0.0089	0.0089	0.0022							
7195	-159.2	-115.4	-2377.8	-49.3	-747.2	-406.6	0.0089	0.0089	0.0022							
7196	-150.8	-110.7	-2413.2	-51.5	-724.4	-431.7	0.0089	0.0089	0.0022							
7197	-163.5	-140.1	-2332.1	-66.9	-817.8	-429.8	0.0089	0.0089	0.0022							
7198	-155.4	-134.2	-2361.5	-66.1	-789.8	-445.9	0.0089	0.0089	0.0022							
7199	-146.6	-128.1	-2392.0	-65.2	-761.3	-461.6	0.0133	0.0150	0.0127	8.90	7.91	9.34	0.00	-0.20	-2.83	0.0
7200	-118.2	-99.3	-2527.0	-60.6	-626.7	-520.1	0.0151	0.0132	0.0127	5.57	6.35	6.62	0.00	-0.13	-2.87	0.0
7201	-113.2	-123.9	-2483.2	-70.9	-676.8	-540.8	0.0089	0.0089	0.0022							
7202	-107.2	-145.9	-2445.4	-81.4	-725.5	-560.3	0.0089	0.0089	0.0022							
7203	-131.7	-93.7	-2501.2	-53.7	-651.2	-479.9	0.0145	0.0139	0.0127	5.78	6.02	6.57	0.00	-0.14	-2.84	0.0
7204	-128.2	-116.6	-2463.0	-64.7	-695.6	-501.7	0.0089	0.0089	0.0022							
7205	-123.4	-136.8	-2429.9	-75.5	-738.4	-523.6	0.0089	0.0089	0.0022							
7206	-142.5	-90.3	-2472.2	-45.6	-669.3	-440.3	0.0138	0.0145	0.0127	5.99	5.70	6.51	0.00	-0.15	-2.81	0.0
7207	-140.5	-110.2	-2441.5	-57.3	-708.0	-463.0	0.0089	0.0089	0.0022							
7208	-137.0	-129.3	-2414.9	-68.2	-745.4	-486.9	0.0138	0.0146	0.0127	8.63	8.14	9.34	0.00	-0.19	-2.85	0.0
7209	-377.7	-348.3	-673.3	-108.8	495.1	-244.7	0.0331	0.0462	0.0057	3.42	2.45	20.00	0.00	-0.56	-1.18	0.0
7210	-152.7	-224.3	-351.1	-167.5	193.1	-92.6	0.0331	0.0462	0.0022	2.54	1.82	37.56	0.00	-0.43	-0.55	0.0
7211	-46.3	-168.0	-200.0	-189.7	55.8	-24.2	0.0331	0.0462	0.0022	3.13	2.24	46.41	0.00	-0.31	-0.41	0.0
7212	-260.9	-270.2	-483.1	-171.1	326.2	-111.0	0.0331	0.0462	0.0022	2.67	1.91	39.56	0.00	-0.47	-0.81	0.0
7213	-118.9	-192.3	-283.0	-191.0	132.1	-47.8	0.0331	0.0462	0.0022	2.63	1.88	38.91	0.00	-0.38	-0.47	0.0
7214	-47.3	-158.5	-177.1	-196.9	25.7	25.3	0.0331	0.0462	0.0022	3.08	2.20	45.58	0.00	-0.27	-0.42	0.0
7215	-197.0	-199.3	-343.8	-204.0	205.6	-87.7	0.0331	0.0462	0.0022	3.17	2.27	46.98	0.00	-0.45	-0.60	0.0
7216	-105.0	-167.4	-228.8	-208.7	75.2	12.0	0.0331	0.0462	0.0022	2.50	1.79	37.07	0.00	-0.29	-0.45	0.0
7217	-56.1	-149.9	-156.8	-203.5	-27.8	43.0	0.0331	0.0462	0.0022	3.46	2.48	51.28	0.00	-0.28	-0.43	0.0
7218	-1158.4	-1077.0	-5805.2	-106.3	-219.4	2123.0	0.0331	0.0462	0.0055				-0.23	-1.19	-6.62	
7219	-1301.7	-1133.7	-7008.9	-154.6	-1178.9	921.2	0.0331	0.0462	0.0055				-0.71	-1.37	-7.37	
7220	-1124.6	-1097.6	-7808.3	-170.4	474.0	-190.8	0.0331	0.0462	0.0055				-0.91	-1.28	-7.85	
7221	-1180.7	-1022.3	-7611.8	-120.4	712.3	-382.0	0.0331	0.0462	0.0055				-0.88	-1.22	-7.71	
7222	-1240.4	-1056.2	-7980.4	-38.9	966.5	-570.0	0.0331	0.0462	0.0055				-0.93	-1.18	-8.16	
7223	-2393.7	-1188.1	-5410.3	541.7	2809.2	-450.9	0.0331	0.0462	0.0055				-0.61	-1.22	-7.16	
7224	-1481.1	-1248.5	-3884.9	368.3	197.4	-838.5	0.0331	0.0462	0.0057				-0.86	-1.60	-4.16	
7225	-1568.7	-1210.1	-4293.2	261.5	583.3	-472.9	0.0331	0.0462	0.0057				-1.06	-1.51	-4.49	
7226	-1321.6	-1036.8	-3941.4	109.0	637.1	-372.9	0.0331	0.0462	0.0057				-0.99	-1.18	-4.14	
7227	-967.3	-670.6	-2065.1	-35.2	1410.8	-200.1	0.0331	0.0462	0.0057	0.81	0.58	4.74	0.00	-0.72	-3.07	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7228	-1646.8	-981.2	-9439.2	-103.4	384.1	-457.5	0.0331	0.0462	0.0055				-0.93	-1.65	-9.48	
7229	-1491.2	-1028.9	-8975.1	-159.8	458.4	-511.3	0.0331	0.0462	0.0055				-0.93	-1.53	-9.03	
7230	-1339.5	-1140.1	-8783.7	-132.1	683.1	-643.5	0.0331	0.0462	0.0055				-0.97	-1.39	-8.90	
7231	-1748.4	-1713.3	-6950.1	500.2	2073.2	-1527.1	0.0331	0.0462	0.0055				-1.02	-1.31	-8.08	
7232	-1444.4	-2250.0	-5294.7	685.8	1039.7	-2868.4	0.0331	0.0462	0.0055				-0.52	-1.18	-7.28	
7233	-1935.0	-1652.1	-4261.0	801.3	1552.3	-1432.6	0.0331	0.0462	0.0057				-0.96	-1.18	-5.70	
7234	-1401.2	-1044.1	-3662.8	201.9	270.7	-239.6	0.0331	0.0462	0.0057				-0.95	-1.44	-3.72	
7235	-1277.4	-1032.3	-3773.2	87.5	481.0	-479.9	0.0331	0.0462	0.0057				-0.95	-1.19	-3.94	
7236	-1062.9	-809.3	-2743.8	36.1	1030.7	-724.5	0.0331	0.0462	0.0057				-0.33	-0.88	-3.41	
7237	-641.8	-481.3	-1191.9	-84.3	945.6	-579.6	0.0331	0.0462	0.0057	9.36	6.70	54.71	0.00	-0.92	-2.33	0.0
7238	-1773.9	-3225.5	-6899.9	-390.2	309.6	-3085.3	0.0331	0.0462	0.0057				-1.11	-2.14	-8.65	
7239	-1679.8	-3099.8	-6686.7	-222.4	431.3	-2947.7	0.0331	0.0462	0.0057				-1.14	-1.98	-8.35	
7240	-1592.4	-2999.0	-6540.1	431.2	709.2	-2930.4	0.0331	0.0462	0.0057				-1.34	-1.49	-8.30	
7241	-1741.3	-2087.5	-4790.1	711.5	1836.8	-1510.1	0.0331	0.0462	0.0057				-0.88	-1.43	-6.31	
7242	-1164.6	-1185.0	-3062.0	169.7	555.3	-109.8	0.0331	0.0462	0.0057				-0.94	-1.25	-3.22	
7243	-1104.5	-1155.0	-3317.2	159.9	36.5	-344.5	0.0331	0.0462	0.0057				-0.95	-1.25	-3.37	
7244	-1239.2	-1030.5	-3505.0	107.8	505.1	-521.4	0.0331	0.0462	0.0057				-0.92	-1.13	-3.72	
7245	-1035.7	-775.0	-2576.1	23.0	888.4	-705.9	0.0331	0.0462	0.0057				-0.35	-0.88	-3.16	
7246	-692.6	-486.5	-1222.0	-77.0	886.7	-626.5	0.0331	0.0462	0.0057	7.87	5.64	46.05	0.00	-0.90	-2.29	0.0
7247	-360.6	-276.8	-582.8	-169.8	343.2	-186.5	0.0331	0.0462	0.0057	2.04	1.46	11.95	0.00	-0.52	-0.91	0.0
7248	-1256.1	-1567.5	-3481.0	-297.7	102.4	-1195.9	0.0331	0.0462	0.0057				-0.78	-1.46	-4.06	
7249	-1206.7	-1520.3	-3443.6	-241.9	149.6	-1148.2	0.0331	0.0462	0.0057				-0.79	-1.40	-3.98	
7250	-1173.8	-1424.9	-3353.8	-156.7	272.8	-988.9	0.0331	0.0462	0.0057				-0.82	-1.34	-3.78	
7251	-1156.8	-1266.8	-3383.3	-79.3	225.8	-768.1	0.0331	0.0462	0.0057				-0.92	-1.24	-3.65	
7252	-1177.4	-1080.9	-3339.7	-60.4	335.3	-550.1	0.0331	0.0462	0.0057				-0.88	-1.21	-3.51	
7253	-1065.9	-912.1	-3140.0	-108.6	326.0	-384.7	0.0331	0.0462	0.0057				-0.75	-1.12	-3.25	
7254	-957.8	-723.4	-2330.6	-72.8	748.7	-611.4	0.0331	0.0462	0.0057				-0.30	-0.91	-2.80	
7255	-697.9	-440.2	-1115.8	-98.5	785.4	-540.1	0.0331	0.0462	0.0057	5.98	4.29	35.00	0.00	-0.83	-2.02	0.0
7256	-410.1	-242.7	-574.8	-180.4	280.7	-162.8	0.0331	0.0462	0.0057	0.66	0.47	3.86	0.00	-0.49	-0.81	0.0
7257	-254.8	-177.1	-352.0	-211.7	169.8	-78.5	0.0331	0.0462	0.0022	2.09	1.50	30.96	0.00	-0.42	-0.57	0.0
7258	-898.6	-679.5	-1588.1	-203.5	36.3	-993.0	0.0331	0.0462	0.0057				0.00	-0.93	-2.23	
7259	-854.6	-679.0	-1570.5	-213.3	71.7	-972.4	0.0331	0.0462	0.0057	0.02	0.02	0.13	0.00	-0.91	-2.20	0.0
7260	-827.4	-676.2	-1580.7	-207.9	90.4	-955.3	0.0331	0.0462	0.0057				-0.01	-0.89	-2.19	
7261	-840.6	-664.1	-1623.6	-191.2	80.3	-931.8	0.0331	0.0462	0.0057				-0.04	-0.89	-2.19	
7262	-882.1	-684.3	-2250.7	-191.0	-179.3	-631.1	0.0331	0.0462	0.0057				-0.43	-0.88	-2.51	
7263	-904.6	-606.7	-2057.3	-164.2	570.5	-511.6	0.0331	0.0462	0.0057				-0.24	-0.94	-2.39	
7264	-683.2	-363.4	-969.1	-161.3	632.8	-401.1	0.0331	0.0462	0.0057	3.88	2.78	22.68	0.00	-0.75	-1.65	0.0
7265	-440.9	-192.7	-508.0	-204.1	188.1	-81.8	0.0331	0.0462	0.0057				-0.02	-0.44	-0.68	
7266	-310.6	-141.8	-311.4	-215.7	112.2	-32.7	0.0331	0.0462	0.0022	0.91	0.65	13.50	0.00	-0.33	-0.52	0.0
7267	-211.6	-123.7	-192.4	-219.8	-20.7	43.5	0.0331	0.0462	0.0022	1.97	1.41	29.13	0.00	-0.27	-0.46	0.0
7268	-595.7	-79.6	-279.5	-106.9	-95.0	22.8	0.0331	0.0462	0.0022				-0.05	-0.27	-0.64	
7269	-560.8	-90.7	-279.2	-143.5	-109.0	13.7	0.0331	0.0462	0.0022				-0.04	-0.26	-0.63	
7270	-534.2	-105.5	-293.2	-173.6	-126.1	-21.4	0.0331	0.0462	0.0022				-0.04	-0.25	-0.64	
7271	-530.7	-132.2	-353.2	-203.5	-169.3	-39.1	0.0331	0.0462	0.0022				-0.04	-0.27	-0.70	
7272	-611.9	-273.1	-754.0	-195.4	-317.2	-324.0	0.0331	0.0462	0.0057				-0.11	-0.37	-1.17	
7273	-662.2	-260.1	-674.0	-201.5	298.6	-245.1	0.0331	0.0462	0.0057	0.18	0.13	1.07	0.00	-0.64	-0.97	0.0
7274	-480.3	-129.7	-343.7	-217.1	45.8	53.5	0.0331	0.0462	0.0057				-0.02	-0.33	-0.60	
7275	-360.0	-107.1	-155.6	-207.4	-32.1	49.3	0.0331	0.0462	0.0022	0.85	0.61	12.59	0.00	-0.20	-0.50	0.0
7276	-271.5	-101.0	-58.7	-203.6	-104.4	75.6	0.0331	0.0462	0.0022	3.58	2.57	53.10	0.00	-0.26	-0.53	0.0
7277	-207.3	-109.1	8.0	-196.2	-133.4	64.9	0.0331	0.0462	0.0022	4.96	3.55	73.43	0.00	-0.26	-0.54	0.0
7278	-37.6	-152.1	84.8	-132.6	-136.0	20.8	0.0331	0.0462	0.0140	5.98	4.28	14.17	0.00	-0.25	-0.45	0.0
7279	-54.5	-147.9	91.7	-139.9	-145.2	21.6	0.0331	0.0462	0.0140	6.26	4.48	14.84	0.00	-0.26	-0.47	0.0
7280	-73.6	-143.6	97.6	-147.2	-155.0	24.3	0.0331	0.0462	0.0140	6.56	4.70	15.55	0.00	-0.28	-0.50	0.0
7281	-5.9	-149.7	-28.9	-164.4	-111.7	56.2	0.0331	0.0462	0.0140	5.34	3.83	12.67	0.00	-0.28	-0.44	0.0
7282	-26.8	-146.0	-22.6	-169.4	-116.0	56.2	0.0331	0.0462	0.0140	5.30	3.79	12.56	0.00	-0.28	-0.44	0.0
7283	-49.9	-142.4	-14.4	-173.8	-121.4	56.1	0.0331	0.0462	0.0022	5.28	3.78	78.18	0.00	-0.28	-0.45	0.0
7284	-2.6	-150.3	-110.4	-186.6	-63.9	49.5	0.0331	0.0462	0.0140	4.51	3.23	10.69	0.00	-0.28	-0.43	0.0
7285	-20.4	-146.7	-103.2	-189.1	-71.9	53.9	0.0331	0.0462	0.0022	4.47	3.20	66.25	0.00	-0.28	-0.43	0.0
7286	-41.5	-143.8	-92.0	-191.9	-78.5	58.4	0.0331	0.0462	0.0022	4.41	3.16	65.39	0.00	-0.28	-0.44	0.0
7287	-161.0	-121.1	47.8	-186.3	-152.9	55.4	0.0331	0.0462	0.0022	5.93	4.25	87.84	0.00	-0.28	-0.54	0.0
7288	-145.9	-125.3	-117.4	-213.6	-63.6	58.5	0.0331	0.0462	0.0022	3.35	2.40	49.62	0.00	-0.26	-0.46	0.0
7289	-154.7	-151.5	-232.8	-219.4	53.7	21.0	0.0331	0.0462	0.0022	2.06	1.47	30.46	0.00	-0.28	-0.46	0.0
7290	-124.2	-132.7	73.4	-173.9	-160.1	42.1	0.0331	0.0462	0.0022	6.39	4.57	94.64	0.00	-0.28	-0.53	0.0
7291	-102.8	-133.0	-68.5	-200.9	-95.3	63.9	0.0331	0.0462	0.0022	4.35	3.12	64.51	0.00	-0.27	-0.46	0.0
7292	-99.4	-146.4	-162.9	-213.3	-22.8	45.3	0.0331	0.0462	0.0022	3.03	2.17	44.89	0.00	-0.27	-0.44	0.0
7293	-96.2	-140.5	92.7	-159.4	-160.6	29.5	0.0331	0.0462	0.0022	6.61	4.73	97.91	0.00	-0.28	-0.52	0.0
7294	-73.7	-139.7	-27.3	-185.3	-114.7	59.7	0.0331	0.0462	0.0022	4.99	3.57	73.91	0.00	-0.27	-0.46	0.0
7295	-64.4	-144.9	-109.8	-199.7	-66.0	58.3	0.0331	0.0462	0.0022	3.96	2.84	58.73	0.00	-0.27	-0.44	0.0
7296	-691.2	-208.5	-1364.6	139.8	875.7	-410.1	0.0247	0.0357	0.0057							
7297	-566.6	-157.4	-869.0	122.5	612.4	-293.0	0.0247	0.0357	0.0022							
7298	-424.7	-102.5	-552.4	77.1	395.3	-186.2	0.0247	0.0357	0.0022							
7299	-612.0	-159.8	-1074.7	161.4	715.5	-369.5	0.0247	0.0357	0.0022							
7300	-497.9	-122.2	-734.7	111.2	511.3	-254.8	0.0247	0.0357	0.0022							
7301	-384.1	-83.5	-497.9	67.3	350.0	-171.5	0.0247	0.0357	0.0022							
7302	-496.6	-123.2	-828.8	144.9	548.2	-300.5	0.0247	0.0357	0.0022							
7303	-421.8	-90.3	-611.1	99.4	417.6	-220.9	0.0247	0.0357	0.0022							
7304	-337.5	-63.4	-441.3	57.4	304.7	-156.4	0.0303	0.0406	0.0127	0.27	0.20	0.64	0.00	-0.12	-0.74	0.0
7305	-1163.9	-235.2	-6248.7	-140.6	244.6	211.9	0.0247	0.0357	0.0055							
7306	-777.2	-265.8	-6201.2	-311.1	248.1	86.4	0.0247	0.0357	0.0055							
7307	-556.6	-303.8	-6196.8	-237.5	310.9	-181.7	0.0247	0.0357	0.0055							
7308	-551.1	-275.9	-6028.3	-178.5	629.4	-431.1	0.0247	0.0357	0.0055							
7309	-498.5	-204.6	-5401.5	-93.0	884.4	-612.5	0.0247	0.0357	0.0055							
7310	-449.3	-322.7	-5051.8	-104.9	761.7	-759.3	0.0247	0.0357	0.0057							
7311	-786.2	-357.6	-4466.6	80.3	1167.0	-665.9	0.0247	0.0357	0.0057							
7312	-584.4	-234.1	-3598.2	101.1	1054.1	-632.9	0.0247	0.0357	0.0057							
7313	-519.8	-172.3	-2730.5	101.0	1184.2	-596.9	0.0247	0.0357	0.0057							
7314	-595.2	-175.4	-1982.9	134.4	1009.0	-545.1	0.0247	0.0357	0.0057							
7315	-827.9	102.4	-6398.5	-82.8	366.4	-605.1	0.0247	0.0357	0.0055							
7316	-703.2	-5.2	-6221.9	-166.6	413.6	-686.8	0.0247	0.0357	0.0055							
7317	-528.0	-118.6	-5867.6	-152.6	653.0	-827.1	0.0247	0.0357	0.0055							
7318	-474.9	-157.5	-5493.4	-230.2	725.8	-871.2	0.0247	0.0357	0.0055							
7319	-628.1	-140.8	-4930.3	-58.2	986.7	-728.2	0.0247	0.0357	0.0057							
7320	-558.0	-234.3	-4293.4	114.4	875.2	-810.4	0.0247	0.0357	0.0057							
7321	-654.0	-332.0	-3697.5	145.6	1027.4	-849.0	0.0247	0.0357	0.0057							
7322	-501.8	-224.2	-2917.4	114.5	1056.9	-759.5	0.0247	0.0357	0.0057							
7323	-503.3	-175.2	-2192.4	140.4	1027.0	-634.9	0.0247	0.0357	0.0057							
7324	-610.7	-172.0	-1576.9	190.8	888.1	-466.4	0.0247	0.0357	0.0057							
7325	-613.5	67.9	-5550.2	100.9	324.1	-1497.1	0.0247	0.0357	0.0057							
7326	-536.2	39.9	-5312.9	76.1	454.3	-1405.1	0.0247	0.0357	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7327	-417.1	8.7	-4908.6	113.0	666.0	-1248.5	0.0247	0.0357	0.0057							
7328	-466.5	-241.0	-4524.6	164.3	704.6	-1219.6	0.0247	0.0357	0.0057							
7329	-698.3	-497.8	-4108.2	236.0	880.8	-1191.9	0.0247	0.0357	0.0057							
7330	-575.9	-385.6	-3464.7	192.1	909.5	-964.8	0.0247	0.0357	0.0057							
7331	-425.2	-249.6	-2805.4	136.4	916.3	-840.2	0.0247	0.0357	0.0057							
7332	-447.2	-223.0	-2210.9	150.3	923.9	-731.3	0.0247	0.0357	0.0057							
7333	-539.3	-224.6	-1693.8	198.6	836.0	-581.7	0.0247	0.0357	0.0057							
7334	-563.2	-182.7	-1188.3	198.4	727.8	-443.7	0.0247	0.0357	0.0022							
7335	-462.7	-605.5	-3811.7	118.3	204.0	-1850.0	0.0247	0.0357	0.0057							
7336	-432.0	-559.0	-3671.8	154.0	326.2	-1736.2	0.0247	0.0357	0.0057							
7337	-410.4	-505.2	-3494.9	216.9	443.1	-1579.8	0.0247	0.0357	0.0057							
7338	-414.0	-380.8	-3214.5	277.1	563.2	-1319.0	0.0247	0.0357	0.0057							
7339	-377.3	-275.9	-2900.1	239.4	603.2	-1041.1	0.0247	0.0357	0.0057							
7340	-335.4	-247.1	-2503.0	179.4	732.9	-895.4	0.0247	0.0357	0.0057							
7341	-343.5	-223.8	-2035.2	166.2	771.9	-752.4	0.0247	0.0357	0.0057							
7342	-441.0	-230.6	-1614.0	196.5	720.4	-606.2	0.0247	0.0357	0.0057							
7343	-479.0	-197.8	-1180.3	199.2	658.7	-481.7	0.0247	0.0357	0.0022							
7344	-427.4	-126.5	-826.7	152.6	507.6	-328.8	0.0247	0.0357	0.0022							
7345	-248.9	-535.1	-2126.4	80.1	82.6	-1272.8	0.0247	0.0357	0.0057							
7346	-246.6	-493.4	-2071.1	111.4	148.9	-1211.5	0.0247	0.0357	0.0057							
7347	-244.6	-430.7	-2020.9	146.8	203.4	-1125.7	0.0247	0.0357	0.0057							
7348	-239.1	-343.4	-2016.1	177.6	244.5	-1008.4	0.0247	0.0357	0.0057							
7349	-170.0	-221.8	-1879.6	198.9	404.9	-901.7	0.0247	0.0357	0.0057							
7350	-145.6	-156.7	-1643.0	181.6	494.6	-737.4	0.0247	0.0357	0.0057							
7351	-276.0	-177.7	-1383.3	188.2	538.9	-566.5	0.0247	0.0357	0.0057							
7352	-340.2	-158.3	-1032.3	178.1	531.6	-446.7	0.0247	0.0357	0.0022							
7353	-316.1	-103.8	-734.0	135.6	426.6	-314.5	0.0247	0.0357	0.0022							
7354	-282.1	-62.0	-508.1	94.6	335.4	-219.6	0.0247	0.0357	0.0022							
7355	-48.4	-261.0	-905.7	28.3	-85.5	-617.3	0.0352	0.0358	0.0127	3.94	3.87	10.90	0.00	-0.21	-1.42	0.0
7356	-49.9	-246.3	-889.5	40.7	-62.7	-601.5	0.0351	0.0358	0.0127	3.94	3.86	10.88	0.00	-0.21	-1.39	0.0
7357	-51.8	-227.0	-895.9	53.3	-44.2	-584.4	0.0349	0.0360	0.0127	3.91	3.80	10.75	0.00	-0.21	-1.37	0.0
7358	-45.6	-202.4	-947.3	63.5	50.5	-575.3	0.0347	0.0362	0.0127	3.36	3.22	9.19	0.00	-0.16	-1.38	0.0
7359	40.2	-110.8	-920.8	74.6	175.1	-513.6	0.0344	0.0365	0.0127	4.05	3.82	10.97	0.00	-0.07	-1.34	0.0
7360	25.9	-59.2	-851.0	135.5	230.6	-425.6	0.0341	0.0369	0.0161	4.22	3.90	8.92	0.00	-0.07	-1.24	0.0
7361	-89.9	-64.8	-687.2	123.2	340.0	-321.7	0.0337	0.0373	0.0127	2.49	2.25	6.60	0.00	-0.04	-1.06	0.0
7362	-123.6	-33.4	-468.7	86.8	306.2	-209.4	0.0332	0.0377	0.0127	2.35	2.06	6.13	0.00	-0.06	-0.80	0.0
7363	-128.5	-15.8	-288.5	56.4	253.4	-139.7	0.0327	0.0383	0.0127	2.48	2.11	6.36	0.00	-0.08	-0.60	0.0
7364	-114.7	-2.0	-147.7	28.6	193.3	-89.1	0.0321	0.0388	0.0127	2.64	2.19	6.68	0.00	-0.09	-0.43	0.0
7365	-48.9	-11.5	141.0	-39.3	-42.9	37.9	0.0129	0.0422	0.0244	12.55	3.85	6.64	0.00	-0.17	-0.24	0.0
7366	-50.7	-8.4	137.0	-37.4	-36.0	36.9	0.0135	0.0416	0.0244	11.50	3.73	6.35	0.00	-0.16	-0.23	0.0
7367	-53.4	-4.2	128.3	-35.7	35.3	36.7	0.0141	0.0411	0.0244	10.04	3.44	5.78	0.00	-0.13	-0.22	0.0
7368	-160.5	-25.0	-108.7	-24.9	104.7	-59.1	0.0089	0.0357	0.0140							
7369	-155.2	-19.7	-101.6	-21.7	108.8	-63.1	0.0089	0.0357	0.0140							
7370	-149.7	-13.9	-93.4	-18.0	113.8	-65.7	0.0089	0.0357	0.0140							
7371	-285.8	-57.3	-322.1	26.7	227.5	-108.4	0.0089	0.0357	0.0140							
7372	-266.3	-47.3	-302.5	24.0	215.4	-107.9	0.0089	0.0357	0.0140							
7373	-249.0	-36.9	-277.9	22.9	205.6	-107.5	0.0143	0.0409	0.0244	1.52	0.53	0.89	0.00	-0.12	-0.51	0.0
7374	-98.9	4.2	-43.0	6.5	141.7	-57.5	0.0316	0.0394	0.0127	2.95	2.36	7.32	0.00	-0.10	-0.32	0.0
7375	-241.9	-31.6	-346.6	56.1	255.6	-151.7	0.0247	0.0357	0.0022							
7376	-375.1	-79.4	-598.5	105.7	393.4	-230.3	0.0247	0.0357	0.0022							
7377	-82.4	3.9	33.6	-20.6	98.4	-38.0	0.0310	0.0399	0.0127	3.48	2.70	8.48	0.00	-0.12	-0.25	0.0
7378	-204.8	-17.7	-232.0	26.9	194.9	-109.3	0.0247	0.0357	0.0022							
7379	-320.3	-52.6	-448.7	67.4	307.3	-169.5	0.0247	0.0357	0.0022							
7380	-64.8	0.5	95.8	-31.2	61.9	31.2	0.0147	0.0405	0.0244	8.21	2.97	4.92	0.00	-0.11	-0.22	0.0
7381	-166.4	-11.7	-133.6	-7.3	142.3	-78.5	0.0247	0.0357	0.0022							
7382	-265.2	-37.6	-322.5	36.7	234.0	-125.4	0.0304	0.0405	0.0127	0.82	0.61	1.96	0.00	-0.12	-0.58	0.0
7383	-364.0	-47.9	-1522.7	145.3	836.6	-455.9	0.0247	0.0179	0.0022							
7384	-348.8	-33.4	-1154.7	127.1	729.3	-374.8	0.0247	0.0179	0.0022							
7385	-295.6	-13.5	-838.8	102.8	595.8	-295.0	0.0089	0.0179	0.0140							
7386	-323.9	-38.0	-1316.9	147.8	753.2	-440.6	0.0247	0.0179	0.0022							
7387	-303.8	-21.4	-1031.3	129.0	661.3	-364.4	0.0247	0.0179	0.0022							
7388	-260.1	-4.3	-782.0	103.4	556.5	-288.4	0.0089	0.0179	0.0140							
7389	-273.7	-22.3	-1112.5	147.2	664.5	-409.4	0.0247	0.0179	0.0022							
7390	-252.0	-8.7	-906.1	126.0	591.7	-342.1	0.0247	0.0179	0.0022							
7391	-220.2	4.1	-723.9	101.8	514.3	-276.3	0.0301	0.0229	0.0127	4.93	6.48	11.69	0.00	-0.12	-1.27	0.0
7392	-437.0	79.1	-5726.9	57.8	436.9	-561.5	0.0247	0.0179	0.0055							
7393	-367.2	85.6	-5575.4	-43.3	498.3	-522.0	0.0247	0.0179	0.0055							
7394	-238.8	97.4	-5432.6	-86.0	569.1	-521.6	0.0247	0.0179	0.0055							
7395	-133.8	66.1	-5207.9	-89.1	602.8	-519.6	0.0247	0.0179	0.0055							
7396	-151.7	-13.3	-4877.9	-57.2	636.1	-543.8	0.0247	0.0179	0.0055							
7397	-230.9	-25.1	-4357.1	70.9	718.9	-559.2	0.0247	0.0179	0.0057							
7398	-226.1	-41.3	-3736.4	87.6	779.1	-601.9	0.0247	0.0179	0.0057							
7399	-329.7	-79.2	-3083.3	119.1	948.2	-628.2	0.0247	0.0179	0.0057							
7400	-383.7	-85.3	-2483.2	146.3	956.6	-595.8	0.0247	0.0179	0.0057							
7401	-393.9	-76.8	-1965.3	149.8	925.3	-527.3	0.0247	0.0179	0.0057							
7402	-264.1	123.9	-5320.6	84.6	347.3	-886.6	0.0247	0.0179	0.0055							
7403	-223.4	101.9	-5131.3	37.6	472.1	-817.2	0.0247	0.0179	0.0055							
7404	-184.0	54.0	-4936.1	29.3	540.2	-761.8	0.0247	0.0179	0.0055							
7405	-142.7	-0.4	-4631.1	101.3	610.3	-729.6	0.0247	0.0179	0.0055							
7406	-141.9	-69.1	-4243.8	126.6	669.4	-716.0	0.0247	0.0179	0.0057							
7407	-219.0	-92.5	-3753.6	130.9	755.5	-719.3	0.0247	0.0179	0.0057							
7408	-229.0	-58.9	-3155.2	165.1	853.4	-726.9	0.0247	0.0179	0.0057							
7409	-313.2	-70.9	-2608.7	188.6	907.8	-683.0	0.0247	0.0179	0.0057							
7410	-349.5	-69.6	-2108.3	187.7	889.4	-606.1	0.0247	0.0179	0.0057							
7411	-339.3	-55.5	-1669.6	161.8	834.4	-526.8	0.0247	0.0179	0.0022							
7412	-118.8	-71.3	-4469.5	112.1	271.4	-1187.7	0.0247	0.0179	0.0057							
7413	-116.2	-82.9	-4276.4	113.9	401.4	-1113.8	0.0247	0.0179	0.0057							
7414	-123.4	-119.5	-4057.8	123.1	493.3	-1048.7	0.0247	0.0179	0.0057							
7415	-106.4	-107.2	-3787.9	144.2	583.6	-971.9	0.0247	0.0179	0.0057							
7416	-70.0	-59.4	-3428.9	178.0	663.9	-905.4	0.0247	0.0179	0.0057							
7417	-142.8	-79.9	-3011.0	205.7	767.2	-866.5	0.0247	0.0179	0.0057							
7418	-223.2	-97.9	-2569.9	226.1	814.9	-791.6	0.0247	0.0179	0.0057							
7419	-261.8	-79.1	-2140.2	221.1	816.0	-692.9	0.0247	0.0179	0.0057							
7420	-271.7	-49.9	-1739.0	194.2	792.0	-591.2	0.0247	0.0179	0.0022							
7421	-275.1	-31.1	-1386.3	166.8	730.5	-488.7	0.0247	0.0179	0.0022							
7422	7.4	-175.1	-3377.2	113.6	187.7	-1365.5	0.0247	0.0179	0.0057							
7423	-4.0	-162.7	-3241.1	141.7	305.5	-1284.2	0.0247	0.0179	0.0057							
7424	-7.1	-154.0	-3072.3	167.2	409.3	-1187.7	0.0247	0.0179	0.0057							
7425	-13.1	-165.5	-2877.2	187.9	502.6	-1100.7	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7426	-41.2	-164.1	-2627.7	220.3	607.2	-1012.6	0.0247	0.0179	0.0057							
7427	-89.0	-132.0	-2327.5	242.6	667.1	-888.1	0.0247	0.0179	0.0057							
7428	-141.2	-103.1	-2011.6	238.2	694.2	-759.9	0.0247	0.0179	0.0057							
7429	-165.6	-66.9	-1690.3	213.1	699.2	-644.1	0.0247	0.0179	0.0057							
7430	-188.2	-38.7	-1390.8	186.3	670.4	-533.2	0.0247	0.0179	0.0022							
7431	-206.6	-21.3	-1113.6	161.4	622.3	-432.1	0.0247	0.0179	0.0022							
7432	98.6	-280.9	-2374.1	87.0	111.2	-1212.1	0.0247	0.0179	0.0057							
7433	87.2	-256.7	-2293.0	124.1	201.0	-1150.9	0.0247	0.0179	0.0057							
7434	80.5	-228.2	-2200.9	156.5	286.8	-1071.1	0.0247	0.0179	0.0057							
7435	79.5	-192.6	-2069.4	184.0	383.6	-974.5	0.0247	0.0179	0.0057							
7436	50.1	-162.1	-1904.3	201.1	458.8	-861.2	0.0247	0.0179	0.0057							
7437	1.9	-127.9	-1718.1	216.8	512.6	-747.5	0.0247	0.0179	0.0057							
7438	-22.0	-80.9	-1505.1	205.5	550.8	-633.7	0.0247	0.0179	0.0057							
7439	-60.8	-47.9	-1284.7	185.9	560.3	-521.7	0.0247	0.0179	0.0022							
7440	-100.5	-24.9	-1060.5	165.9	545.3	-422.4	0.0247	0.0179	0.0022							
7441	-115.9	-1.9	-849.6	138.2	501.5	-329.0	0.0247	0.0179	0.0022							
7442	192.1	-183.3	-1641.9	42.0	61.7	-739.8	0.0352	0.0179	0.0127	5.62	11.06	15.56	0.00	-0.07	-2.15	0.0
7443	182.2	-168.5	-1590.7	69.5	115.9	-709.0	0.0351	0.0180	0.0127	5.59	10.93	15.45	0.00	-0.08	-2.09	0.0
7444	176.6	-148.3	-1542.4	95.5	172.1	-668.4	0.0349	0.0181	0.0127	5.80	11.19	15.95	0.00	-0.09	-2.03	0.0
7445	176.7	-118.9	-1474.4	122.5	243.2	-611.8	0.0347	0.0184	0.0127	6.39	12.07	17.44	0.00	-0.11	-1.97	0.0
7446	142.1	-100.8	-1387.2	149.2	302.3	-540.3	0.0344	0.0187	0.0127	6.27	11.56	16.98	0.00	-0.13	-1.86	0.0
7447	112.9	-71.8	-1265.6	148.4	360.7	-462.1	0.0340	0.0190	0.0127	6.18	11.05	16.54	0.00	-0.13	-1.73	0.0
7448	87.6	-31.9	-1121.3	151.8	392.6	-383.4	0.0336	0.0195	0.0127	6.38	11.00	16.86	0.00	-0.13	-1.58	0.0
7449	38.4	-9.4	-960.8	144.2	415.2	-304.6	0.0331	0.0200	0.0127	5.95	9.87	15.50	0.00	-0.12	-1.40	0.0
7450	2.7	12.9	-789.9	125.6	404.9	-230.0	0.0326	0.0205	0.0127	5.51	8.77	14.13	0.00	-0.11	-1.21	0.0
7451	-20.2	28.6	-629.6	103.8	375.1	-166.3	0.0320	0.0210	0.0127	5.11	7.77	12.87	0.00	-0.10	-1.01	0.0
7452	-42.2	43.0	-101.5	20.3	184.3	50.9	0.0128	0.0245	0.0244	10.94	5.69	5.71	0.00	-0.12	-0.40	0.0
7453	-39.1	44.2	-144.5	26.0	201.4	46.9	0.0133	0.0240	0.0244	10.62	5.91	5.79	0.00	-0.12	-0.44	0.0
7454	-35.9	46.0	-196.8	33.2	222.8	42.4	0.0139	0.0234	0.0244	10.56	6.29	6.01	0.00	-0.13	-0.50	0.0
7455	-129.7	27.0	-329.0	44.2	323.0	-128.9	0.0089	0.0179	0.0140							
7456	-117.0	29.6	-345.1	49.9	324.7	-132.3	0.0089	0.0179	0.0140							
7457	-103.2	32.0	-365.7	56.2	327.3	-133.6	0.0089	0.0179	0.0140							
7458	-217.2	7.4	-571.2	72.3	457.0	-212.5	0.0089	0.0179	0.0140							
7459	-194.3	12.9	-558.4	75.6	441.5	-212.6	0.0089	0.0179	0.0140							
7460	-170.8	17.7	-545.1	79.3	427.1	-210.1	0.0141	0.0232	0.0244	9.97	6.07	5.75	0.00	-0.10	-1.02	0.0
7461	-32.1	39.5	-491.0	81.4	336.5	-116.8	0.0314	0.0216	0.0127	4.75	6.91	11.75	0.00	-0.09	-0.85	0.0
7462	-119.1	14.2	-680.4	111.9	451.7	-255.9	0.0247	0.0179	0.0022							
7463	-201.5	-4.9	-899.3	134.4	560.0	-349.2	0.0247	0.0179	0.0022							
7464	-37.0	44.6	-374.2	61.6	297.0	-80.2	0.0309	0.0222	0.0127	4.47	6.22	10.86	0.00	-0.08	-0.70	0.0
7465	-113.8	24.1	-549.1	89.1	403.6	-201.0	0.0247	0.0179	0.0022							
7466	-188.4	6.5	-744.0	112.2	504.7	-288.4	0.0247	0.0179	0.0022							
7467	-36.0	47.2	-272.1	44.9	256.4	-52.9	0.0145	0.0228	0.0244	8.93	5.68	5.30	0.00	-0.07	-0.58	0.0
7468	-103.0	30.8	-431.9	68.8	354.8	-154.0	0.0089	0.0179	0.0140							
7469	-168.7	15.4	-604.6	91.2	447.8	-233.7	0.0145	0.0228	0.0244	9.87	6.28	5.86	0.00	-0.10	-1.09	0.0
7470	-184.9	-28.7	-1559.7	138.8	829.4	-479.5	0.0247	0.0179	0.0022							
7471	-178.1	-18.3	-1269.6	128.7	756.3	-409.6	0.0247	0.0179	0.0022							
7472	-161.9	-6.6	-1013.7	113.4	666.0	-335.1	0.0089	0.0179	0.0140							
7473	-158.6	-22.9	-1406.8	147.1	761.2	-468.3	0.0247	0.0179	0.0022							
7474	-153.0	-13.9	-1181.5	132.5	700.0	-398.6	0.0247	0.0179	0.0022							
7475	-141.3	-3.6	-978.8	116.4	628.1	-328.1	0.0089	0.0179	0.0140							
7476	-126.2	-19.7	-1260.9	148.5	687.2	-438.1	0.0247	0.0179	0.0022							
7477	-125.4	-10.4	-1097.4	133.9	641.1	-376.8	0.0247	0.0179	0.0022							
7478	-118.8	-1.0	-947.8	117.4	586.8	-314.4	0.0142	0.0231	0.0244	13.99	8.59	8.12	0.00	-0.13	-1.53	0.0
7479	-129.7	13.3	-5149.7	69.2	386.0	-1081.3	0.0247	0.0179	0.0055							
7480	-137.9	-36.7	-5294.2	20.8	715.8	-834.2	0.0247	0.0179	0.0055							
7481	-135.2	-78.1	-5436.4	40.5	599.2	-606.6	0.0247	0.0179	0.0055							
7482	-132.7	-97.0	-5252.4	31.0	596.0	-546.7	0.0247	0.0179	0.0055							
7483	-78.3	-105.2	-4784.8	47.3	422.1	-357.3	0.0247	0.0179	0.0055							
7484	-63.3	-65.2	-3912.7	107.9	368.3	-387.9	0.0247	0.0179	0.0057							
7485	-115.1	-32.9	-3107.6	137.5	667.3	-602.8	0.0247	0.0179	0.0057							
7486	-127.2	-32.2	-2652.6	137.9	807.1	-626.8	0.0247	0.0179	0.0057							
7487	-149.6	-36.4	-2260.7	141.4	873.6	-598.3	0.0247	0.0179	0.0057							
7488	-170.1	-32.9	-1890.8	144.1	873.2	-545.5	0.0247	0.0179	0.0057							
7489	-17.9	3.4	-4802.2	89.1	286.2	-628.9	0.0247	0.0179	0.0057							
7490	-23.9	-17.7	-4625.2	75.9	398.4	-561.8	0.0247	0.0179	0.0057							
7491	-9.8	-46.2	-4418.6	85.7	506.5	-486.0	0.0247	0.0179	0.0055							
7492	1.3	-71.0	-4202.9	101.6	525.1	-422.8	0.0247	0.0179	0.0055							
7493	7.1	-64.5	-3669.8	148.6	404.3	-572.5	0.0247	0.0179	0.0057							
7494	-22.9	-42.9	-3050.3	179.4	646.9	-701.8	0.0247	0.0179	0.0057							
7495	-71.2	-46.1	-2708.6	175.6	731.1	-692.3	0.0247	0.0179	0.0057							
7496	-101.0	-39.7	-2339.8	171.5	797.8	-670.3	0.0247	0.0179	0.0057							
7497	-128.8	-36.0	-1996.8	165.3	824.5	-615.9	0.0247	0.0179	0.0057							
7498	-151.1	-30.4	-1678.0	159.7	807.1	-541.9	0.0247	0.0179	0.0022							
7499	137.8	-89.5	-3657.0	97.4	213.8	-1077.5	0.0247	0.0179	0.0057							
7500	118.3	-89.9	-3516.0	112.4	340.0	-1017.7	0.0247	0.0179	0.0057							
7501	112.6	-94.0	-3342.7	131.3	440.7	-951.2	0.0247	0.0179	0.0057							
7502	97.9	-104.8	-3116.5	160.7	519.1	-899.9	0.0247	0.0179	0.0057							
7503	52.0	-103.1	-2881.6	189.4	603.8	-849.4	0.0247	0.0179	0.0057							
7504	12.3	-80.2	-2622.7	197.3	649.5	-802.6	0.0247	0.0179	0.0057							
7505	-27.8	-61.6	-2316.9	196.9	717.0	-750.6	0.0247	0.0179	0.0057							
7506	-67.2	-50.8	-2023.1	190.3	750.2	-679.3	0.0247	0.0179	0.0057							
7507	-100.7	-42.1	-1738.3	180.7	751.9	-599.0	0.0247	0.0179	0.0022							
7508	-120.7	-31.4	-1473.2	165.4	727.1	-513.5	0.0247	0.0179	0.0022							
7509	187.0	-179.6	-3013.3	88.8	160.2	-1181.2	0.0247	0.0179	0.0057							
7510	167.6	-169.4	-2898.0	119.0	275.2	-1125.7	0.0247	0.0179	0.0057							
7511	148.4	-160.6	-2756.8	145.8	377.7	-1059.4	0.0247	0.0179	0.0057							
7512	125.3	-142.8	-2589.3	172.0	470.3	-981.0	0.0247	0.0179	0.0057							
7513	93.8	-122.5	-2394.8	189.9	542.7	-895.5	0.0247	0.0179	0.0057							
7514	53.7	-104.6	-2182.5	200.9	603.7	-811.1	0.0247	0.0179	0.0057							
7515	12.7	-82.9	-1957.9	201.8	645.2	-724.8	0.0247	0.0179	0.0057							
7516	-29.1	-63.6	-1725.7	195.3	665.0	-633.9	0.0247	0.0179	0.0022							
7517	-60.6	-44.9	-1499.7	180.7	660.8	-541.8	0.0247	0.0179	0.0022							
7518	-79.8	-27.3	-1287.7	160.6	635.6	-452.1	0.0247	0.0179	0.0022							
7519	221.6	-223.6	-2435.8	67.0	114.9	-1046.5	0.0247	0.0179	0.0022							
7520	204.5	-208.2	-2348.3	102.3	211.2	-1000.2	0.0247	0.0179	0.0022							
7521	185.9	-189.3	-2243.7	132.5	301.1	-939.9	0.0247	0.0179	0.0022							
7522	159.2	-169.5	-2122.9	157.5	380.2	-868.6	0.0247	0.0179	0.0057							
7523	128.5	-145.2	-1985.5	177.5	449.2	-788.4	0.0247	0.0179	0.0057							
7524	95.3	-116.7	-1828.0	185.7	505.6	-701.4	0.0247	0.0179	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7525	53.2	-89.4	-1657.0	188.3	541.7	-612.3	0.0247	0.0179	0.0022							
7526	16.2	-61.7	-1480.6	181.0	558.0	-523.8	0.0247	0.0179	0.0022							
7527	-13.4	-36.4	-1305.9	165.5	555.7	-438.2	0.0247	0.0179	0.0022							
7528	-37.4	-16.2	-1138.1	146.8	537.3	-358.3	0.0247	0.0179	0.0022							
7529	239.3	-186.1	-2085.7	39.3	87.2	-746.2	0.0352	0.0179	0.0127	6.92	13.60	19.14	0.00	-0.17	-2.59	0.0
7530	225.4	-173.0	-2012.1	69.8	159.2	-715.2	0.0351	0.0180	0.0127	6.80	13.28	18.78	0.00	-0.17	-2.51	0.0
7531	209.6	-154.8	-1928.3	97.2	228.6	-673.5	0.0349	0.0181	0.0127	6.80	13.09	18.68	0.00	-0.17	-2.42	0.0
7532	186.3	-133.7	-1833.4	120.2	291.3	-622.0	0.0347	0.0184	0.0127	6.72	12.69	18.35	0.00	-0.17	-2.31	0.0
7533	163.1	-106.1	-1724.1	135.9	348.4	-563.5	0.0344	0.0187	0.0127	6.76	12.43	18.28	0.00	-0.17	-2.20	0.0
7534	131.2	-78.5	-1602.1	149.1	394.5	-498.1	0.0340	0.0191	0.0127	6.67	11.87	17.83	0.00	-0.16	-2.07	0.0
7535	94.8	-52.9	-1468.5	151.3	427.4	-428.2	0.0335	0.0195	0.0127	6.40	11.00	16.90	0.00	-0.15	-1.92	0.0
7536	63.5	-25.8	-1327.7	146.3	443.5	-359.3	0.0330	0.0200	0.0127	6.18	10.20	16.07	0.00	-0.14	-1.76	0.0
7537	32.4	-3.9	-1185.3	135.5	446.5	-293.6	0.0325	0.0206	0.0127	5.84	9.22	14.93	0.00	-0.13	-1.59	0.0
7538	7.4	14.0	-1044.4	119.9	434.7	-232.9	0.0319	0.0211	0.0127	5.46	8.24	13.71	0.00	-0.12	-1.43	0.0
7539	-43.6	42.4	-443.0	41.7	295.4	-63.3	0.0126	0.0247	0.0244	9.07	4.62	4.67	0.00	-0.06	-0.72	0.0
7540	-39.8	42.9	-512.6	48.6	310.9	-74.0	0.0132	0.0241	0.0244	8.83	4.82	4.75	0.00	-0.06	-0.79	0.0
7541	-34.8	43.1	-591.2	57.1	329.3	-86.0	0.0138	0.0235	0.0244	8.85	5.17	4.98	0.00	-0.07	-0.88	0.0
7542	-92.5	22.2	-597.5	69.9	432.6	-163.0	0.0089	0.0179	0.0140							
7543	-81.4	22.9	-639.5	75.8	428.5	-168.1	0.0089	0.0179	0.0140							
7544	-69.7	23.6	-687.8	81.7	425.3	-172.1	0.0089	0.0179	0.0140							
7545	-132.9	6.0	-789.8	93.2	555.9	-252.4	0.0089	0.0179	0.0140							
7546	-117.2	7.9	-797.7	97.5	535.3	-252.0	0.0089	0.0179	0.0140							
7547	-100.5	9.6	-808.9	101.5	515.8	-248.6	0.0139	0.0233	0.0244	12.70	7.59	7.25	0.00	-0.11	-1.32	0.0
7548	-11.0	27.3	-913.6	102.5	413.3	-182.3	0.0313	0.0217	0.0127	5.07	7.30	12.49	0.00	-0.10	-1.27	0.0
7549	-52.2	-0.4	-994.7	127.6	509.7	-293.0	0.0247	0.0179	0.0022							
7550	-91.2	-14.2	-1120.0	142.6	601.9	-380.0	0.0247	0.0179	0.0022							
7551	-23.1	36.1	-794.8	85.7	387.3	-140.9	0.0150	0.0223	0.0127	9.71	6.50	11.42	0.00	-0.09	-1.13	0.0
7552	-60.3	11.0	-876.1	110.2	479.2	-241.3	0.0089	0.0179	0.0022							
7553	-94.2	-3.4	-991.9	126.7	566.7	-323.9	0.0247	0.0179	0.0022							
7554	-29.8	42.2	-684.7	69.9	356.6	-106.8	0.0144	0.0229	0.0127	9.26	5.79	10.45	0.00	-0.08	-0.99	0.0
7555	-63.1	20.5	-765.8	93.4	444.0	-194.6	0.0089	0.0179	0.0140							
7556	-93.4	5.5	-872.9	110.8	526.8	-271.5	0.0143	0.0229	0.0244	12.36	7.73	7.25	0.00	-0.11	-1.39	0.0
7557	-32.7	-47.5	-1571.4	131.5	786.1	-477.0	0.0247	0.0179	0.0022							
7558	-54.1	-42.2	-1347.9	127.8	742.3	-415.0	0.0089	0.0179	0.0140							
7559	-65.2	-33.4	-1145.6	118.5	676.9	-348.2	0.0089	0.0179	0.0140							
7560	-33.3	-48.2	-1468.9	138.2	728.9	-466.1	0.0247	0.0179	0.0022							
7561	-48.8	-41.1	-1294.7	131.1	690.3	-405.4	0.0089	0.0179	0.0140							
7562	-57.9	-32.0	-1135.4	120.3	638.8	-342.9	0.0089	0.0179	0.0140							
7563	-30.1	-47.6	-1377.9	140.1	665.6	-439.4	0.0247	0.0179	0.0022							
7564	-41.7	-39.2	-1249.9	131.2	636.0	-386.5	0.0089	0.0179	0.0140							
7565	-49.7	-29.9	-1131.3	119.6	598.2	-332.6	0.0140	0.0233	0.0244	15.67	9.45	8.99	0.00	-0.17	-1.70	0.0
7566	349.7	12.1	-3152.9	102.1	323.1	-1098.0	0.0247	0.0179	0.0055							
7567	312.6	60.5	-2676.3	130.4	649.1	-847.6	0.0247	0.0179	0.0055							
7568	298.1	89.7	-2197.2	104.0	532.6	-615.3	0.0247	0.0179	0.0055							
7569	266.0	98.3	-1971.9	113.6	520.0	-539.7	0.0247	0.0179	0.0055							
7570	224.1	93.4	-2041.4	88.0	324.0	-352.7	0.0247	0.0179	0.0055							
7571	195.8	19.2	-2423.3	52.5	289.6	-395.6	0.0247	0.0179	0.0057							
7572	140.0	-33.1	-2526.1	79.0	594.3	-600.7	0.0247	0.0179	0.0057							
7573	84.0	-44.9	-2324.5	103.7	732.6	-612.1	0.0247	0.0179	0.0057							
7574	36.8	-49.1	-2073.1	119.9	791.2	-581.8	0.0247	0.0179	0.0057							
7575	-3.3	-50.6	-1815.9	128.8	805.1	-533.9	0.0247	0.0179	0.0022							
7576	314.3	31.6	-2965.6	91.6	225.3	-567.0	0.0247	0.0179	0.0057							
7577	276.1	50.1	-2840.5	111.7	334.2	-511.0	0.0247	0.0179	0.0057							
7578	232.2	67.3	-2683.8	108.8	435.6	-444.4	0.0247	0.0179	0.0057							
7579	194.4	72.6	-2496.4	90.6	442.0	-387.8	0.0247	0.0179	0.0057							
7580	173.3	30.1	-2574.9	74.5	325.9	-544.6	0.0247	0.0179	0.0057							
7581	133.3	-20.6	-2567.4	85.2	572.9	-676.3	0.0247	0.0179	0.0057							
7582	103.6	-41.8	-2351.2	110.8	647.0	-665.1	0.0247	0.0179	0.0057							
7583	62.4	-52.3	-2132.8	128.3	717.3	-642.2	0.0247	0.0179	0.0057							
7584	23.5	-55.2	-1900.9	138.7	749.8	-591.9	0.0247	0.0179	0.0022							
7585	-9.3	-53.3	-1671.9	140.9	751.4	-529.5	0.0247	0.0179	0.0022							
7586	237.7	-42.0	-3139.3	79.9	170.0	-961.4	0.0247	0.0179	0.0057							
7587	212.7	-32.3	-3018.0	99.8	289.6	-915.0	0.0247	0.0179	0.0057							
7588	183.4	-25.6	-2871.7	110.4	381.1	-862.4	0.0247	0.0179	0.0057							
7589	158.6	-27.1	-2720.1	112.9	449.8	-824.5	0.0247	0.0179	0.0057							
7590	139.6	-38.6	-2528.1	116.0	530.8	-779.5	0.0247	0.0179	0.0057							
7591	115.6	-54.3	-2332.7	128.4	575.0	-739.7	0.0247	0.0179	0.0057							
7592	85.0	-63.9	-2141.8	139.4	639.1	-699.8	0.0247	0.0179	0.0057							
7593	50.7	-66.3	-1938.4	148.2	674.7	-640.5	0.0247	0.0179	0.0057							
7594	18.1	-62.4	-1736.2	150.4	690.9	-574.2	0.0247	0.0179	0.0022							
7595	-10.4	-55.3	-1540.2	147.0	685.8	-502.6	0.0247	0.0179	0.0022							
7596	237.9	-135.2	-2765.9	66.5	135.1	-1020.3	0.0247	0.0179	0.0057							
7597	217.4	-124.6	-2667.2	93.4	241.5	-978.7	0.0247	0.0179	0.0057							
7598	194.0	-113.7	-2548.9	114.3	336.2	-927.1	0.0247	0.0179	0.0057							
7599	167.5	-105.9	-2412.0	129.2	418.5	-867.4	0.0247	0.0179	0.0057							
7600	140.0	-100.4	-2264.2	140.6	485.3	-805.2	0.0247	0.0179	0.0057							
7601	111.4	-94.3	-2103.3	148.8	542.6	-738.8	0.0247	0.0179	0.0057							
7602	79.7	-87.1	-1934.1	154.7	581.6	-669.2	0.0247	0.0179	0.0057							
7603	48.9	-77.5	-1763.4	155.9	608.1	-598.5	0.0247	0.0179	0.0022							
7604	19.2	-66.1	-1594.5	152.7	617.3	-525.6	0.0247	0.0179	0.0022							
7605	-6.6	-53.8	-1431.5	144.9	610.2	-452.5	0.0247	0.0179	0.0022							
7606	229.2	-193.0	-2458.0	49.3	106.6	-921.8	0.0247	0.0179	0.0022							
7607	212.4	-180.6	-2373.9	79.2	198.6	-886.4	0.0247	0.0179	0.0022							
7608	191.3	-165.3	-2276.3	104.1	281.8	-839.6	0.0247	0.0179	0.0022							
7609	167.7	-147.6	-2166.0	123.6	355.4	-783.8	0.0247	0.0179	0.0022							
7610	141.1	-129.1	-2043.3	137.3	418.4	-721.3	0.0247	0.0179	0.0022							
7611	111.3	-111.2	-1912.0	146.7	467.6	-654.7	0.0247	0.0179	0.0022							
7612	81.9	-93.1	-1774.6	150.2	504.1	-585.7	0.0247	0.0179	0.0022							
7613	52.2	-75.2	-1633.9	148.9	526.1	-516.3	0.0247	0.0179	0.0022							
7614	24.9	-57.9	-1493.8	143.1	534.3	-448.0	0.0247	0.0179	0.0022							
7615	2.1	-41.3	-1357.3	132.9	529.2	-382.0	0.0247	0.0179	0.0022							
7616	211.1	-174.1	-2294.9	31.8	88.8	-736.3	0.0352	0.0179	0.0127	6.09	11.99	16.87	0.00	-0.16	-2.74	0.0
7617	197.5	-163.0	-2217.7	58.6	163.1	-708.6	0.0351	0.0180	0.0127	5.96	11.64	16.46	0.00	-0.15	-2.66	0.0
7618	179.9	-148.0	-2130.9	81.8	230.9	-672.0	0.0349	0.0181	0.0127	5.85	11.26	16.07	0.00	-0.15	-2.56	0.0
7619	159.7	-129.6	-2034.5	100.6	292.2	-627.9	0.0347	0.0184	0.0127	5.77	10.88	15.75	0.00	-0.14	-2.46	0.0
7620	135.5	-109.8	-1929.4	115.2	344.9	-577.3	0.0343	0.0187	0.0127	5.67	10.40	15.31	0.00	-0.14	-2.35	0.0
7621	109.9	-88.7	-1816.4	123.8	387.8	-522.3	0.0339	0.0191	0.0127	5.56	9.86	14.84	0.00	-0.13	-2.23	0.0
7622	83.6	-67.2	-1697.6	127.7	419.9	-465.1	0.0335	0.0196	0.0127	5.42	9.28	14.29	0.00	-0.13	-2.10	0.0
7623	56.9	-47.6	-1575.2	126.4	440.6	-407.2	0.0330	0.0201	0.0127	5.23	8.59	13.57	0.00	-0.12	-1.96	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7624	33.1	-29.4	-1451.6	120.5	449.6	-351.0	0.0324	0.0207	0.0127	5.02	7.88	12.81	0.00	-0.11	-1.82	0.0
7625	12.6	-13.8	-1329.6	111.0	448.2	-297.7	0.0318	0.0212	0.0127	4.79	7.17	11.98	0.00	-0.10	-1.68	0.0
7626	-41.2	17.3	-729.8	50.5	366.2	-114.3	0.0124	0.0249	0.0244	9.44	4.71	4.80	0.00	-0.08	-1.02	0.0
7627	-36.6	17.1	-811.0	56.7	376.7	-131.0	0.0130	0.0243	0.0244	8.96	4.80	4.77	0.00	-0.08	-1.10	0.0
7628	-32.3	16.4	-899.5	63.7	388.4	-149.6	0.0136	0.0237	0.0244	8.58	4.93	4.78	0.00	-0.08	-1.19	0.0
7629	-59.2	-5.3	-831.2	80.1	485.1	-196.8	0.0089	0.0179	0.0140							
7630	-51.7	-4.7	-889.7	83.9	475.7	-206.0	0.0089	0.0179	0.0140							
7631	-43.7	-4.1	-953.2	87.6	467.6	-215.2	0.0089	0.0179	0.0140							
7632	-68.0	-22.0	-972.1	102.3	589.1	-274.4	0.0089	0.0179	0.0140							
7633	-59.7	-20.6	-998.9	104.7	565.2	-276.5	0.0089	0.0179	0.0140							
7634	-50.5	-19.0	-1029.6	106.5	542.6	-276.7	0.0138	0.0235	0.0244	13.95	8.18	7.87	0.00	-0.15	-1.53	0.0
7635	-4.0	-1.2	-1213.2	99.1	439.1	-251.3	0.0154	0.0219	0.0127	9.18	6.48	11.14	0.00	-0.09	-1.55	0.0
7636	-15.2	-27.4	-1237.2	121.0	516.1	-326.7	0.0247	0.0179	0.0022							
7637	-24.2	-42.1	-1298.2	134.7	592.5	-391.8	0.0247	0.0179	0.0022							
7638	-16.6	7.8	-1103.1	87.0	425.2	-210.8	0.0148	0.0225	0.0127	8.91	5.88	10.39	0.00	-0.09	-1.42	0.0
7639	-27.1	-16.7	-1133.6	109.0	499.1	-281.2	0.0089	0.0179	0.0022							
7640	-34.8	-32.0	-1193.6	124.2	571.4	-343.9	0.0089	0.0179	0.0140							
7641	-25.4	14.6	-996.9	74.4	406.3	-175.3	0.0142	0.0231	0.0127	8.68	5.35	9.71	0.00	-0.08	-1.30	0.0
7642	-35.6	-7.1	-1034.2	96.5	477.1	-239.0	0.0089	0.0179	0.0140							
7643	-42.7	-23.2	-1094.5	112.6	545.5	-298.4	0.0142	0.0231	0.0244	13.40	8.24	7.78	0.00	-0.14	-1.59	0.0
7644	70.6	-82.8	-1573.1	131.1	727.9	-464.3	0.0247	0.0179	0.0022							
7645	42.0	-76.7	-1402.7	131.1	706.8	-413.5	0.0089	0.0179	0.0140							
7646	17.4	-67.1	-1243.9	125.0	667.0	-359.0	0.0089	0.0179	0.0140							
7647	52.3	-82.5	-1513.3	134.8	679.2	-457.9	0.0247	0.0179	0.0022							
7648	30.8	-74.8	-1379.2	131.6	659.5	-408.8	0.0089	0.0179	0.0140							
7649	11.9	-64.6	-1253.2	124.3	628.3	-358.2	0.0089	0.0179	0.0140							
7650	36.4	-79.7	-1465.2	133.7	625.2	-439.4	0.0247	0.0179	0.0022							
7651	21.0	-71.2	-1364.3	128.8	610.4	-396.9	0.0089	0.0179	0.0140							
7652	7.2	-60.9	-1268.0	120.7	588.4	-353.6	0.0139	0.0234	0.0244	17.19	10.19	9.76	0.00	-0.21	-1.83	0.0
7653	356.8	-128.6	-2836.4	91.0	237.7	-771.7	0.0247	0.0179	0.0055							
7654	274.9	-129.5	-2654.9	125.5	366.9	-715.7	0.0247	0.0179	0.0055							
7655	195.6	-141.3	-2461.7	115.1	435.7	-660.0	0.0247	0.0179	0.0055							
7656	154.8	-135.0	-2311.5	117.0	428.7	-595.8	0.0247	0.0179	0.0055							
7657	146.8	-108.1	-2248.0	97.9	415.0	-569.3	0.0247	0.0179	0.0057							
7658	199.9	-88.3	-2225.0	61.8	451.2	-574.6	0.0247	0.0179	0.0057							
7659	222.7	-81.9	-2191.3	71.2	532.6	-576.4	0.0247	0.0179	0.0057							
7660	187.7	-85.1	-2092.7	95.2	634.4	-575.0	0.0247	0.0179	0.0057							
7661	144.4	-87.1	-1933.6	113.4	698.2	-550.0	0.0247	0.0179	0.0057							
7662	104.8	-86.2	-1753.0	125.4	727.1	-511.1	0.0247	0.0179	0.0022							
7663	289.6	-116.1	-2767.6	79.8	175.2	-765.7	0.0247	0.0179	0.0057							
7664	252.5	-92.4	-2636.4	105.2	294.7	-709.2	0.0247	0.0179	0.0057							
7665	208.4	-67.9	-2488.5	104.2	361.4	-648.0	0.0247	0.0179	0.0057							
7666	170.0	-59.7	-2383.9	84.9	387.4	-618.8	0.0247	0.0179	0.0057							
7667	179.5	-49.5	-2294.2	63.1	434.8	-604.3	0.0247	0.0179	0.0057							
7668	197.4	-56.8	-2219.2	65.5	477.5	-611.5	0.0247	0.0179	0.0057							
7669	174.8	-80.3	-2127.3	87.6	563.4	-619.4	0.0247	0.0179	0.0057							
7670	146.3	-89.4	-1988.6	109.3	627.1	-597.9	0.0247	0.0179	0.0057							
7671	112.1	-91.1	-1830.4	124.7	667.8	-558.9	0.0247	0.0179	0.0022							
7672	79.3	-88.2	-1665.0	133.0	684.0	-509.2	0.0247	0.0179	0.0022							
7673	255.2	-64.4	-2713.2	64.3	138.7	-822.2	0.0247	0.0179	0.0057							
7674	232.1	-53.9	-2617.8	83.1	239.9	-786.9	0.0247	0.0179	0.0057							
7675	204.2	-44.0	-2508.0	90.8	322.6	-747.1	0.0247	0.0179	0.0057							
7676	182.7	-42.1	-2390.5	88.1	387.5	-711.6	0.0247	0.0179	0.0057							
7677	167.7	-60.0	-2279.2	84.5	441.5	-692.3	0.0247	0.0179	0.0057							
7678	154.3	-80.6	-2160.0	95.2	503.3	-672.7	0.0247	0.0179	0.0057							
7679	136.6	-91.3	-2025.4	109.3	555.3	-640.0	0.0247	0.0179	0.0057							
7680	111.2	-95.9	-1883.0	123.0	596.9	-597.6	0.0247	0.0179	0.0022							
7681	83.6	-93.9	-1736.2	132.0	622.0	-546.4	0.0247	0.0179	0.0022							
7682	56.9	-87.6	-1589.8	135.3	630.5	-490.1	0.0247	0.0179	0.0022							
7683	220.8	-130.8	-2588.9	50.9	113.4	-883.5	0.0247	0.0179	0.0057							
7684	205.2	-121.9	-2504.0	72.7	208.1	-851.6	0.0247	0.0179	0.0057							
7685	185.7	-113.0	-2405.0	88.2	291.4	-811.7	0.0247	0.0179	0.0057							
7686	165.5	-107.4	-2295.2	98.2	363.2	-767.8	0.0247	0.0179	0.0057							
7687	146.8	-105.0	-2175.3	106.3	424.6	-720.9	0.0247	0.0179	0.0057							
7688	127.7	-105.3	-2050.1	113.9	475.0	-672.6	0.0247	0.0179	0.0057							
7689	106.8	-104.3	-1922.3	122.2	516.6	-622.2	0.0247	0.0179	0.0022							
7690	84.2	-99.7	-1792.3	128.6	546.5	-568.4	0.0247	0.0179	0.0022							
7691	60.9	-91.7	-1662.5	131.5	564.0	-512.1	0.0247	0.0179	0.0022							
7692	38.9	-81.3	-1535.0	130.2	569.0	-454.7	0.0247	0.0179	0.0022							
7693	192.1	-172.4	-2438.5	37.0	94.6	-829.5	0.0247	0.0179	0.0022							
7694	180.0	-163.1	-2362.1	60.7	177.7	-801.3	0.0247	0.0179	0.0022							
7695	164.1	-151.7	-2274.6	80.2	253.2	-764.3	0.0247	0.0179	0.0022							
7696	145.6	-139.6	-2177.5	95.5	319.7	-720.6	0.0247	0.0179	0.0022							
7697	125.6	-127.9	-2073.2	106.8	376.1	-672.2	0.0247	0.0179	0.0022							
7698	105.2	-116.3	-1963.2	114.8	422.6	-620.8	0.0247	0.0179	0.0022							
7699	84.2	-104.7	-1849.5	120.1	458.4	-567.6	0.0247	0.0179	0.0022							
7700	63.3	-92.7	-1734.7	122.5	483.7	-513.8	0.0247	0.0179	0.0022							
7701	43.3	-80.0	-1620.2	121.7	498.7	-460.1	0.0247	0.0179	0.0022							
7702	24.8	-66.9	-1507.2	117.6	503.7	-407.5	0.0247	0.0179	0.0022							
7703	157.3	-165.4	-2371.6	25.0	81.8	-722.3	0.0352	0.0179	0.0127	4.55	8.95	12.59	0.00	-0.11	-2.75	0.0
7704	147.9	-156.5	-2299.2	46.5	151.4	-698.2	0.0351	0.0180	0.0127	4.48	8.75	12.38	0.00	-0.11	-2.67	0.0
7705	134.8	-144.5	-2217.9	65.3	215.4	-666.5	0.0349	0.0181	0.0127	4.43	8.52	12.16	0.00	-0.10	-2.59	0.0
7706	118.8	-130.4	-2129.0	80.6	272.4	-628.7	0.0347	0.0184	0.0127	4.37	8.24	11.93	0.00	-0.10	-2.49	0.0
7707	101.1	-115.0	-2033.8	92.0	321.7	-586.3	0.0343	0.0187	0.0127	4.34	7.94	11.71	0.00	-0.10	-2.40	0.0
7708	82.4	-99.2	-1933.6	99.8	362.6	-540.7	0.0339	0.0192	0.0127	4.30	7.62	11.48	0.00	-0.10	-2.29	0.0
7709	63.5	-83.8	-1829.8	104.0	394.6	-493.5	0.0334	0.0196	0.0127	4.27	7.27	11.23	0.00	-0.10	-2.18	0.0
7710	45.4	-68.8	-1724.1	104.8	417.8	-446.0	0.0329	0.0202	0.0127	4.23	6.91	10.96	0.00	-0.10	-2.07	0.0
7711	28.5	-54.9	-1617.8	102.6	432.5	-399.4	0.0323	0.0207	0.0127	4.19	6.53	10.65	0.00	-0.09	-1.96	0.0
7712	13.6	-42.2	-1511.7	97.8	439.1	-354.4	0.0317	0.0213	0.0127	4.13	6.14	10.32	0.00	-0.09	-1.84	0.0
7713	-26.6	-4.0	-928.7	61.6	418.2	-174.5	0.0123	0.0250	0.0244	11.24	5.51	5.64	0.00	-0.11	-1.26	0.0
7714	-27.6	-7.4	-1014.9	62.9	420.1	-194.0	0.0129	0.0244	0.0244	9.92	5.22	5.22	0.00	-0.10	-1.33	0.0
7715	-22.5	-11.1	-1107.2	67.6	423.4	-215.9	0.0135	0.0238	0.0244	9.18	5.19	5.06	0.00	-0.10	-1.42	0.0
7716	-23.4	-32.3	-998.7	90.0	520.5	-238.3	0.0089	0.0179	0.0140							
7717	-19.3	-31.8	-1067.3	90.4	504.2	-251.2	0.0089	0.0179	0.0140							
7718	-15.8	-32.1	-1139.9	90.8	488.0	-264.0	0.0089	0.0179	0.0140							
7719	-5.9	-53.1	-1106.3	111.1	604.9	-299.7	0.0089	0.0179	0.0140							
7720	-5.9	-51.0	-1147.0	110.7	575.3	-305.6	0.0089	0.0179	0.0140							
7721	-5.2	-48.7	-1190.6	109.4	548.0	-309.9	0.0136	0.0236	0.0244	15.40	8.88	8.59	0.00	-0.18	-1.69	0.0
7722	1.0	-31.1	-1408.2	90.8	439.8	-314.1	0.0153	0.0220	0.0127	8.29	5.78	10.00	0.00	-0.09	-1.73	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7723	9.9	-54.9	-1404.8	111.4	501.9	-362.4	0.0089	0.0179	0.0022							
7724	21.5	-70.9	-1427.8	125.8	564.3	-406.4	0.0089	0.0179	0.0022							
7725	-9.0	-22.5	-1307.0	83.2	436.6	-277.3	0.0147	0.0226	0.0127	8.44	5.50	9.77	0.00	-0.09	-1.62	0.0
7726	-0.9	-45.2	-1313.0	104.3	496.3	-324.0	0.0089	0.0179	0.0022							
7727	10.1	-61.4	-1340.5	119.7	555.3	-367.6	0.0089	0.0179	0.0140							
7728	-16.7	-15.0	-1205.4	74.9	429.5	-243.4	0.0141	0.0232	0.0127	8.69	5.27	9.63	0.00	-0.09	-1.51	0.0
7729	-9.6	-35.6	-1221.9	96.2	486.9	-287.6	0.0089	0.0179	0.0140							
7730	-0.1	-52.9	-1255.4	112.2	542.3	-330.0	0.0141	0.0232	0.0244	14.39	8.71	8.28	0.00	-0.17	-1.74	0.0
7731	151.1	-121.3	-1572.2	143.3	674.6	-460.2	0.0247	0.0089	0.0022							
7732	133.6	-111.8	-1443.8	145.8	670.0	-419.8	0.0089	0.0089	0.0140							
7733	116.4	-97.8	-1317.7	143.7	653.6	-377.7	0.0089	0.0089	0.0140							
7734	119.5	-117.5	-1544.3	144.1	632.9	-460.3	0.0089	0.0089	0.0140							
7735	105.9	-106.7	-1441.1	144.1	627.0	-421.5	0.0089	0.0089	0.0140							
7736	92.3	-92.5	-1339.4	141.1	613.8	-382.3	0.0089	0.0089	0.0140							
7737	88.3	-110.0	-1527.0	139.0	586.6	-450.9	0.0089	0.0089	0.0140							
7738	78.9	-99.6	-1446.3	137.8	582.3	-417.1	0.0089	0.0089	0.0140							
7739	70.0	-85.9	-1365.7	133.6	573.6	-383.2	0.0137	0.0146	0.0244	19.74	18.54	11.09	0.00	-0.25	-1.94	0.0
7740	275.9	-164.7	-2607.9	62.6	158.6	-732.1	0.0247	0.0089	0.0055							
7741	255.6	-164.3	-2512.6	75.6	262.5	-709.6	0.0247	0.0089	0.0055							
7742	228.1	-159.2	-2402.8	91.5	339.5	-679.1	0.0247	0.0089	0.0055							
7743	206.6	-155.7	-2301.4	92.5	393.4	-651.9	0.0247	0.0089	0.0055							
7744	204.5	-154.4	-2211.9	94.2	441.3	-630.4	0.0247	0.0089	0.0057							
7745	202.6	-148.2	-2128.3	104.4	489.5	-607.1	0.0247	0.0089	0.0057							
7746	204.3	-141.5	-2041.5	108.6	539.9	-584.4	0.0247	0.0089	0.0057							
7747	202.6	-136.6	-1944.0	116.3	590.9	-560.5	0.0247	0.0089	0.0057							
7748	188.6	-132.9	-1830.4	127.2	635.7	-532.7	0.0247	0.0089	0.0057							
7749	169.7	-128.1	-1702.9	136.8	664.1	-498.7	0.0247	0.0089	0.0022							
7750	246.6	-161.0	-2550.8	60.5	137.8	-769.8	0.0247	0.0089	0.0057							
7751	228.2	-158.3	-2461.8	77.2	234.0	-742.9	0.0247	0.0089	0.0057							
7752	205.8	-155.4	-2365.6	87.1	309.8	-713.4	0.0247	0.0089	0.0057							
7753	194.1	-149.4	-2267.9	92.4	372.7	-683.4	0.0247	0.0089	0.0057							
7754	184.4	-147.3	-2176.4	97.1	424.5	-657.6	0.0247	0.0089	0.0057							
7755	179.6	-144.9	-2087.2	101.4	476.1	-633.8	0.0247	0.0089	0.0057							
7756	179.1	-139.8	-1993.8	109.3	525.2	-608.5	0.0247	0.0089	0.0057							
7757	168.0	-137.1	-1891.3	121.0	572.3	-579.2	0.0247	0.0089	0.0057							
7758	152.2	-132.7	-1777.4	132.0	607.3	-543.1	0.0247	0.0089	0.0022							
7759	135.0	-126.0	-1657.2	140.0	627.7	-501.6	0.0247	0.0089	0.0022							
7760	211.1	-163.4	-2501.9	52.2	115.7	-805.7	0.0247	0.0089	0.0057							
7761	199.6	-156.6	-2422.5	69.9	206.6	-778.5	0.0247	0.0089	0.0057							
7762	185.0	-149.7	-2332.9	81.4	284.3	-746.7	0.0247	0.0089	0.0057							
7763	171.4	-145.6	-2240.0	88.7	349.7	-715.2	0.0247	0.0089	0.0057							
7764	162.0	-141.3	-2145.0	95.7	407.3	-683.5	0.0247	0.0089	0.0057							
7765	154.0	-139.1	-2048.6	102.6	458.1	-652.0	0.0247	0.0089	0.0057							
7766	143.4	-138.5	-1948.7	112.8	504.1	-618.9	0.0247	0.0089	0.0057							
7767	130.4	-135.0	-1843.4	123.0	541.6	-580.6	0.0247	0.0089	0.0022							
7768	115.3	-128.7	-1734.3	131.5	568.1	-537.6	0.0247	0.0089	0.0022							
7769	100.1	-119.7	-1623.5	137.0	582.8	-491.7	0.0247	0.0089	0.0022							
7770	176.8	-168.4	-2444.7	41.5	98.1	-817.3	0.0247	0.0089	0.0057							
7771	168.8	-161.9	-2372.6	60.0	182.2	-792.2	0.0247	0.0089	0.0057							
7772	157.4	-154.8	-2290.4	74.6	257.6	-760.7	0.0247	0.0089	0.0057							
7773	145.0	-148.6	-2201.1	85.8	323.3	-725.1	0.0247	0.0089	0.0057							
7774	132.7	-144.3	-2107.5	94.9	379.8	-687.8	0.0247	0.0089	0.0057							
7775	120.6	-140.3	-2010.6	103.7	428.2	-648.4	0.0247	0.0089	0.0057							
7776	108.2	-135.1	-1910.7	111.9	468.0	-606.4	0.0247	0.0089	0.0022							
7777	94.7	-128.2	-1809.4	119.0	498.6	-562.3	0.0247	0.0089	0.0022							
7778	81.0	-119.0	-1707.6	124.1	519.7	-516.4	0.0247	0.0089	0.0022							
7779	67.9	-107.6	-1605.7	126.5	531.4	-469.7	0.0247	0.0089	0.0022							
7780	139.3	-176.7	-2396.9	29.8	84.5	-784.8	0.0247	0.0089	0.0022							
7781	133.4	-169.8	-2328.7	48.7	159.2	-761.4	0.0247	0.0089	0.0022							
7782	124.2	-161.1	-2252.0	64.8	227.6	-731.0	0.0247	0.0089	0.0022							
7783	112.9	-151.8	-2168.4	77.9	288.4	-695.3	0.0247	0.0089	0.0022							
7784	100.8	-142.3	-2079.5	88.3	340.8	-655.9	0.0247	0.0089	0.0022							
7785	88.1	-132.9	-1987.2	96.5	384.7	-614.0	0.0247	0.0089	0.0022							
7786	75.3	-123.2	-1892.8	102.8	420.1	-570.7	0.0247	0.0089	0.0022							
7787	62.7	-112.9	-1797.5	107.2	447.0	-526.8	0.0247	0.0089	0.0022							
7788	50.7	-101.8	-1702.0	109.5	465.8	-482.7	0.0247	0.0089	0.0022							
7789	39.7	-89.6	-1606.4	109.7	477.0	-439.4	0.0247	0.0089	0.0022							
7790	99.7	-162.0	-2382.7	20.0	74.3	-717.6	0.0352	0.0089	0.0127	2.90	11.39	8.02	0.00	-0.05	-2.70	0.0
7791	95.4	-155.0	-2316.7	36.7	137.8	-696.4	0.0351	0.0090	0.0127	2.95	11.44	8.14	0.00	-0.05	-2.63	0.0
7792	88.1	-145.7	-2243.4	51.5	196.8	-669.0	0.0349	0.0092	0.0127	3.01	11.38	8.25	0.00	-0.06	-2.56	0.0
7793	78.5	-134.9	-2164.1	64.0	249.9	-636.7	0.0346	0.0095	0.0127	3.08	11.24	8.39	0.00	-0.06	-2.48	0.0
7794	67.6	-123.3	-2080.1	73.8	296.4	-600.7	0.0343	0.0098	0.0127	3.17	11.04	8.55	0.00	-0.06	-2.40	0.0
7795	56.2	-111.3	-1992.5	81.0	335.7	-562.3	0.0339	0.0103	0.0127	3.27	10.81	8.72	0.00	-0.07	-2.31	0.0
7796	44.8	-99.5	-1902.5	85.8	367.7	-522.8	0.0334	0.0107	0.0127	3.39	10.53	8.90	0.00	-0.07	-2.22	0.0
7797	33.9	-88.1	-1811.1	88.4	392.6	-483.0	0.0328	0.0113	0.0127	3.51	10.20	9.06	0.00	-0.08	-2.13	0.0
7798	23.9	-76.9	-1719.0	89.1	410.9	-443.7	0.0322	0.0119	0.0127	3.63	9.86	9.21	0.00	-0.08	-2.04	0.0
7799	15.3	-66.0	-1626.0	88.1	423.2	-405.5	0.0316	0.0125	0.0127	3.77	9.53	9.37	0.00	-0.09	-1.95	0.0
7800	-10.3	-4.9	-1038.6	78.6	479.9	-237.3	0.0121	0.0162	0.0244	14.87	11.11	7.37	0.00	-0.14	-1.46	0.0
7801	8.6	-14.5	-1131.4	84.7	467.4	-256.0	0.0182	0.0156	0.0244	9.69	11.26	7.21	0.00	-0.14	-1.53	0.0
7802	0.2	-25.8	-1234.6	80.2	447.3	-279.5	0.0188	0.0150	0.0244	7.78	9.72	5.98	0.00	-0.11	-1.59	0.0
7803	51.8	-42.2	-1097.5	116.2	579.1	-288.3	0.0089	0.0089	0.0140							
7804	41.3	-47.1	-1181.8	111.8	532.6	-303.0	0.0089	0.0089	0.0140							
7805	27.6	-49.4	-1263.0	106.2	499.9	-316.7	0.0089	0.0089	0.0140							
7806	91.5	-76.0	-1200.2	134.3	623.6	-333.4	0.0089	0.0089	0.0140							
7807	71.4	-73.0	-1250.9	130.9	582.7	-343.2	0.0089	0.0089	0.0140							
7808	53.0	-69.9	-1302.6	125.0	547.0	-350.3	0.0135	0.0149	0.0244	18.25	16.57	10.08	0.00	-0.23	-1.83	0.0
7809	8.0	-55.1	-1532.8	85.6	430.9	-370.7	0.0207	0.0131	0.0127	5.88	9.26	9.57	0.00	-0.09	-1.85	0.0
7810	30.9	-77.4	-1517.2	108.3	482.6	-402.0	0.0089	0.0089	0.0022							
7811	57.6	-95.9	-1517.5	126.4	534.9	-430.6	0.0089	0.0089	0.0022							
7812	2.6	-45.5	-1437.9	83.0	436.2	-338.0	0.0146	0.0138	0.0127	8.61	9.13	9.88	0.00	-0.10	-1.76	0.0
7813	25.7	-66.7	-1433.7	106.5	485.6	-369.6	0.0089	0.0089	0.0022							
7814	51.8	-85.2	-1442.8	124.8	534.6	-399.1	0.0089	0.0089	0.0140							
7815	-0.8	-35.1	-1337.8	80.2	440.0	-307.0	0.0140	0.0144	0.0127	9.48	9.19	10.40	0.00	-0.10	-1.67	0.0
7816	22.3	-55.2	-1347.2	104.6	486.8	-338.5	0.0089	0.0089	0.0022							
7817	47.1	-75.4	-1367.1	122.6	532.3	-368.3	0.0139	0.0144	0.0244	16.17	15.59	9.21	0.00	-0.20	-1.87	0.0
7818	228.6	-158.7	-1572.3	164.6	623.9	-466.0	0.0089	0.0089	0.0140							
7819	238.9	-145.3	-1478.5	172.5	625.0	-433.9	0.0089	0.0089	0.0140							
7820	257.1	-126.6	-1382.9	180.2	620.4	-401.7	0.0089	0.0089	0.0140							
7821	183.5	-150.8	-1567.7	164.8	590.5	-474.1	0.0089	0.0089	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7822	190.1	-136.0	-1489.9	171.0	590.2	-442.8	0.0089	0.0089	0.0140							
7823	200.6	-116.1	-1409.8	178.2	586.1	-412.1	0.0089	0.0089	0.0140							
7824	135.9	-137.5	-1572.9	156.1	552.9	-474.2	0.0089	0.0089	0.0140							
7825	140.1	-123.7	-1508.5	161.1	553.1	-446.0	0.0089	0.0089	0.0140							
7826	147.9	-104.0	-1441.1	165.1	551.0	-418.4	0.0136	0.0148	0.0244	23.80	21.93	13.24	0.00	-0.31	-2.06	0.0
7827	233.9	-211.6	-2416.3	53.8	133.2	-713.1	0.0247	0.0089	0.0038							
7828	230.0	-208.6	-2345.3	69.6	221.0	-694.3	0.0247	0.0089	0.0038							
7829	223.3	-206.1	-2267.3	81.6	297.7	-673.8	0.0247	0.0089	0.0038							
7830	218.3	-202.5	-2186.0	93.6	363.9	-652.0	0.0247	0.0089	0.0038							
7831	215.1	-197.5	-2104.5	104.3	421.0	-628.7	0.0247	0.0089	0.0057							
7832	216.2	-193.2	-2023.1	113.1	472.2	-605.9	0.0247	0.0089	0.0057							
7833	217.8	-188.5	-1939.7	123.9	518.7	-582.3	0.0247	0.0089	0.0057							
7834	219.0	-183.1	-1852.6	134.7	558.9	-556.7	0.0247	0.0089	0.0057							
7835	220.7	-176.6	-1761.5	145.4	590.8	-528.6	0.0247	0.0089	0.0022							
7836	223.2	-168.5	-1666.9	155.6	613.0	-498.0	0.0247	0.0089	0.0022							
7837	199.3	-218.4	-2375.0	51.1	117.0	-761.0	0.0247	0.0089	0.0057							
7838	196.6	-214.6	-2308.2	67.2	202.9	-741.6	0.0247	0.0089	0.0057							
7839	191.6	-209.9	-2233.3	81.3	279.6	-718.4	0.0247	0.0089	0.0057							
7840	185.5	-205.6	-2155.1	93.2	345.6	-693.5	0.0247	0.0089	0.0057							
7841	182.6	-200.4	-2075.8	103.8	403.5	-667.5	0.0247	0.0089	0.0057							
7842	181.3	-194.7	-1995.3	114.8	454.7	-640.2	0.0247	0.0089	0.0057							
7843	179.6	-188.9	-1912.9	125.7	499.3	-610.8	0.0247	0.0089	0.0057							
7844	179.0	-181.6	-1828.0	136.4	536.1	-579.0	0.0247	0.0089	0.0022							
7845	178.3	-173.1	-1740.8	147.0	564.5	-544.9	0.0247	0.0089	0.0022							
7846	179.5	-162.7	-1651.4	156.7	582.9	-508.7	0.0247	0.0089	0.0022							
7847	161.8	-218.4	-2351.0	45.2	102.5	-797.1	0.0247	0.0089	0.0057							
7848	160.1	-214.0	-2286.7	62.0	185.1	-776.6	0.0247	0.0089	0.0057							
7849	155.5	-208.9	-2215.3	76.6	259.5	-751.4	0.0247	0.0089	0.0057							
7850	150.6	-203.0	-2139.3	89.3	325.2	-722.9	0.0247	0.0089	0.0057							
7851	146.0	-197.1	-2061.0	100.4	382.2	-692.3	0.0247	0.0089	0.0057							
7852	142.2	-190.6	-1981.0	111.2	431.5	-659.6	0.0247	0.0089	0.0057							
7853	139.1	-182.9	-1899.7	121.4	473.0	-624.8	0.0247	0.0089	0.0022							
7854	136.0	-174.1	-1817.1	131.3	506.3	-587.8	0.0247	0.0089	0.0022							
7855	133.6	-163.5	-1733.1	140.5	530.7	-549.0	0.0247	0.0089	0.0022							
7856	133.1	-150.7	-1647.9	149.0	546.2	-508.9	0.0247	0.0089	0.0022							
7857	121.6	-213.1	-2342.6	36.5	89.5	-809.1	0.0247	0.0089	0.0022							
7858	120.9	-207.7	-2280.7	53.3	166.6	-788.0	0.0247	0.0089	0.0057							
7859	117.5	-201.1	-2212.0	68.0	237.0	-761.2	0.0247	0.0089	0.0057							
7860	112.8	-193.9	-2138.6	80.6	299.6	-730.2	0.0247	0.0089	0.0057							
7861	107.8	-186.1	-2061.8	91.7	354.1	-695.8	0.0247	0.0089	0.0057							
7862	102.9	-177.7	-1983.0	101.5	400.3	-659.1	0.0247	0.0089	0.0022							
7863	98.2	-168.7	-1902.9	110.5	438.4	-620.6	0.0247	0.0089	0.0022							
7864	94.0	-158.5	-1822.0	118.5	468.2	-580.6	0.0247	0.0089	0.0022							
7865	90.6	-146.5	-1740.3	125.5	489.6	-539.7	0.0247	0.0089	0.0022							
7866	88.8	-132.1	-1657.5	131.7	503.4	-498.6	0.0247	0.0089	0.0022							
7867	80.8	-194.7	-2353.0	26.3	78.6	-785.5	0.0247	0.0089	0.0022							
7868	80.9	-189.0	-2292.7	41.7	147.3	-765.1	0.0247	0.0089	0.0022							
7869	78.5	-181.8	-2226.1	55.5	210.9	-738.6	0.0247	0.0089	0.0022							
7870	74.6	-173.5	-2154.5	67.3	268.2	-707.3	0.0247	0.0089	0.0022							
7871	69.8	-164.6	-2079.5	77.4	318.2	-672.5	0.0247	0.0089	0.0022							
7872	64.8	-155.3	-2001.9	85.9	360.7	-635.4	0.0247	0.0089	0.0022							
7873	60.0	-145.4	-1922.7	93.1	395.5	-596.7	0.0247	0.0089	0.0022							
7874	55.6	-134.8	-1842.5	99.1	422.7	-557.3	0.0247	0.0089	0.0022							
7875	52.1	-123.1	-1761.4	103.9	442.9	-518.0	0.0247	0.0089	0.0022							
7876	49.7	-109.6	-1678.7	107.9	456.6	-479.2	0.0089	0.0089	0.0022							
7877	40.9	-165.2	-2377.2	16.9	69.5	-730.4	0.0352	0.0089	0.0127	1.57	6.19	4.36	0.00	-0.01	-2.65	0.0
7878	41.8	-159.6	-2317.6	29.4	127.7	-711.1	0.0351	0.0090	0.0127	1.71	6.63	4.72	0.00	-0.02	-2.60	0.0
7879	40.5	-152.2	-2252.2	41.0	182.4	-686.7	0.0349	0.0092	0.0127	1.90	7.17	5.21	0.00	-0.03	-2.54	0.0
7880	37.6	-143.7	-2182.1	51.1	232.5	-657.9	0.0346	0.0095	0.0127	2.11	7.68	5.74	0.00	-0.03	-2.47	0.0
7881	33.8	-134.4	-2108.3	59.5	276.9	-626.1	0.0343	0.0099	0.0127	2.33	8.10	6.29	0.00	-0.04	-2.40	0.0
7882	29.6	-124.9	-2031.8	66.3	315.2	-592.3	0.0338	0.0103	0.0127	2.56	8.43	6.83	0.00	-0.05	-2.33	0.0
7883	25.5	-115.4	-1953.2	71.7	347.1	-557.4	0.0333	0.0108	0.0127	2.80	8.66	7.35	0.00	-0.06	-2.26	0.0
7884	21.7	-105.8	-1873.2	75.9	372.9	-522.3	0.0328	0.0114	0.0127	3.05	8.80	7.86	0.00	-0.07	-2.18	0.0
7885	18.6	-95.9	-1791.6	79.0	393.0	-487.6	0.0322	0.0120	0.0127	3.30	8.89	8.36	0.00	-0.08	-2.11	0.0
7886	16.7	-85.3	-1707.6	81.4	408.1	-453.6	0.0158	0.0126	0.0127	7.18	8.98	8.90	0.00	-0.09	-2.03	0.0
7887	267.3	98.2	-1044.2	240.3	660.7	-297.0	0.0233	0.0164	0.0244	24.53	34.91	23.38	0.00	-0.41	-1.98	0.0
7888	75.0	18.3	-1190.3	139.4	491.8	-316.2	0.0126	0.0158	0.0244	19.80	15.80	10.19	0.00	-0.15	-1.69	0.0
7889	35.2	-21.8	-1313.5	103.3	458.0	-339.1	0.0132	0.0151	0.0244	13.34	11.62	7.20	0.00	-0.11	-1.71	0.0
7890	295.7	-43.2	-1182.2	201.4	614.6	-340.5	0.0202	0.0089	0.0140							
7891	168.5	-39.8	-1265.4	178.6	541.4	-356.1	0.0202	0.0089	0.0140							
7892	87.2	-49.5	-1350.4	142.5	498.4	-368.6	0.0089	0.0089	0.0140							
7893	278.7	-95.9	-1286.4	188.2	613.3	-370.2	0.0202	0.0089	0.0140							
7894	200.4	-86.6	-1335.3	181.7	570.4	-383.9	0.0089	0.0089	0.0140							
7895	133.5	-79.7	-1387.5	163.8	533.9	-393.1	0.0134	0.0150	0.0244	23.00	20.48	12.57	0.00	-0.28	-1.98	0.0
7896	15.8	-73.2	-1620.8	83.3	419.7	-422.5	0.0151	0.0132	0.0127	7.98	9.12	9.50	0.00	-0.09	-1.95	0.0
7897	49.3	-94.9	-1598.8	111.5	465.6	-445.7	0.0089	0.0089	0.0022							
7898	89.1	-116.8	-1583.7	136.6	510.0	-464.5	0.0089	0.0089	0.0022							
7899	16.7	-60.8	-1528.7	86.3	429.9	-393.1	0.0145	0.0139	0.0127	9.02	9.41	10.27	0.00	-0.10	-1.87	0.0
7900	52.7	-81.0	-1521.0	116.4	472.6	-416.6	0.0089	0.0089	0.0022							
7901	93.9	-102.6	-1518.7	141.2	513.5	-437.0	0.0089	0.0089	0.0022							
7902	19.8	-44.6	-1426.5	91.3	440.4	-364.7	0.0138	0.0145	0.0127	10.44	9.95	11.36	0.00	-0.10	-1.78	0.0
7903	59.5	-63.7	-1436.5	124.2	479.3	-388.6	0.0089	0.0089	0.0022							
7904	101.6	-89.0	-1450.2	148.5	516.3	-410.1	0.0138	0.0146	0.0244	18.85	17.85	10.64	0.00	-0.23	-1.98	0.0
7905	330.9	-140.4	-2719.1	-11.8	190.2	156.7	0.0084	0.0051	0.0038							
7906	331.5	-137.5	-2694.9	-3.5	191.4	-100.9	0.0084	0.0051	0.0038							
7907	329.5	-140.2	-2660.2	5.9	190.5	-187.5	0.0084	0.0051	0.0038							
7908	324.8	-148.2	-2615.6	14.0	187.7	-269.9	0.0084	0.0051	0.0038							
7909	336.8	-141.1	-2629.9	-12.9	305.3	151.8	0.0084	0.0051	0.0038							
7910	337.8	-138.3	-2605.1	2.6	305.6	-97.9	0.0084	0.0051	0.0038							
7911	335.9	-140.9	-2570.9	9.5	303.1	-182.2	0.0084	0.0051	0.0038							
7912	331.3	-148.7	-2527.7	20.3	297.8	-262.3	0.0084	0.0051	0.0038							
7913	340.4	-142.9	-2526.3	-14.3	405.8	147.6	0.0084	0.0051	0.0038							
7914	341.9	-140.2	-2501.1	4.3	405.3	-93.8	0.0084	0.0051	0.0038							
7915	340.4	-142.6	-2467.8	13.2	401.2	-175.1	0.0084	0.0051	0.0038							
7916	335.9	-150.0	-2427.0	26.3	393.6	-252.6	0.0084	0.0051	0.0038							
7917	345.0	-145.8	-2412.7	-16.0	491.5	144.0	0.0084	0.0051	0.0038							
7918	347.1	-143.3	-2387.1	5.7	490.1	-88.7	0.0084	0.0051	0.0038							
7919	346.1	-145.5	-2355.2	16.4	484.6	-166.5	0.0084	0.0051	0.0038							
7920	342.1	-152.1	-2317.4	31.7	475.2	-240.9	0.0084	0.0051	0.0038							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7921	351.8	-150.0	-2292.7	-17.8	562.6	141.1	0.0084	0.0051	0.0038							
7922	354.6	-147.8	-2267.0	6.7	560.3	-82.7	0.0084	0.0051	0.0038							
7923	354.3	-149.7	-2236.7	18.9	553.6	-156.7	0.0084	0.0051	0.0038							
7924	350.8	-155.4	-2202.3	36.0	542.9	-227.8	0.0084	0.0051	0.0038							
7925	363.4	-155.6	-2169.0	-19.8	620.6	138.6	0.0084	0.0051	0.0038							
7926	367.0	-153.3	-2143.1	7.0	617.5	-75.9	0.0084	0.0051	0.0038							
7927	367.4	-154.8	-2114.7	20.4	610.0	-146.2	0.0084	0.0051	0.0038							
7928	364.5	-159.8	-2084.3	39.1	598.4	-213.5	0.0084	0.0051	0.0038							
7929	379.6	-161.7	-2042.5	-21.5	667.3	136.8	0.0084	0.0051	0.0057							
7930	384.1	-159.5	-2016.5	6.5	663.3	68.8	0.0084	0.0051	0.0057							
7931	385.2	-160.6	-1990.1	20.8	655.3	-135.1	0.0084	0.0051	0.0057							
7932	383.0	-164.7	-1963.7	40.5	643.4	-198.9	0.0084	0.0051	0.0057							
7933	400.7	-167.7	-1913.0	-23.4	702.2	135.5	0.0084	0.0051	0.0057							
7934	405.9	-165.7	-1887.2	5.0	697.6	71.2	0.0084	0.0051	0.0057							
7935	407.8	-166.2	-1862.8	20.1	689.3	-123.8	0.0084	0.0051	0.0057							
7936	406.2	-169.3	-1840.0	40.5	677.6	-184.4	0.0084	0.0051	0.0057							
7937	428.8	-171.8	-1780.6	-24.9	724.5	134.2	0.0084	0.0051	0.0057							
7938	434.7	-169.3	-1754.7	-3.4	719.5	73.6	0.0084	0.0051	0.0057							
7939	437.2	-169.4	-1732.2	18.2	711.3	-112.6	0.0084	0.0051	0.0057							
7940	436.3	-171.9	-1713.1	38.8	700.1	-170.1	0.0084	0.0051	0.0057							
7941	466.3	-170.3	-1643.8	-26.1	732.7	132.4	0.0084	0.0051	0.0140							
7942	472.7	-167.1	-1617.3	-5.1	727.4	75.4	0.0084	0.0051	0.0140							
7943	475.9	-166.6	-1596.4	15.4	719.5	-101.7	0.0084	0.0051	0.0140							
7944	475.6	-168.9	-1580.9	35.6	709.1	-156.1	0.0084	0.0051	0.0140							
7945	520.6	-159.9	-1499.4	-27.0	725.3	129.7	0.0084	0.0051	0.0140							
7946	527.3	-155.9	-1471.4	-8.3	720.0	76.3	0.0084	0.0051	0.0140							
7947	531.0	-155.0	-1451.7	13.1	712.5	-91.0	0.0084	0.0051	0.0140							
7948	531.3	-157.0	-1440.2	31.2	703.0	-142.3	0.0084	0.0051	0.0140							
7949	601.4	-139.3	-1348.8	-29.1	702.3	125.6	0.0084	0.0051	0.0140							
7950	608.2	-134.6	-1318.7	-14.0	697.0	75.8	0.0084	0.0051	0.0140							
7951	612.2	-133.2	-1299.9	12.8	690.1	-80.6	0.0084	0.0051	0.0140							
7952	613.4	-134.9	-1292.2	27.5	681.7	-128.7	0.0084	0.0051	0.0140							
7953	725.4	-107.0	-1194.7	-34.8	663.8	119.4	0.0441	0.0051	0.0140							
7954	731.1	-100.9	-1162.5	-22.2	658.2	73.4	0.0441	0.0051	0.0140							
7955	735.6	-98.9	-1144.2	14.9	652.0	-70.0	0.0441	0.0051	0.0140							
7956	738.7	-101.0	-1139.4	27.1	645.2	-114.8	0.0441	0.0051	0.0140							
7957	920.4	-58.6	-1026.9	-45.5	609.6	110.2	0.0441	0.0140	0.0140							
7958	923.9	-49.6	-994.5	-34.6	601.0	68.3	0.0441	0.0140	0.0140							
7959	929.0	-47.1	-976.1	-22.3	595.4	-58.5	0.0441	0.0140	0.0140							
7960	935.4	-51.1	-971.6	31.8	593.0	-99.7	0.0441	0.0140	0.0140							
7961	1233.0	18.1	-784.3	-68.7	535.7	99.0	0.0441	0.0140	0.0140							
7962	1239.2	29.8	-753.4	-56.3	511.0	60.9	0.0441	0.0140	0.0140							
7963	1245.4	32.8	-734.0	-40.9	506.0	-46.2	0.0441	0.0140	0.0140							
7964	1251.2	27.2	-726.2	48.2	521.0	-84.3	0.0441	0.0140	0.0140							
7965	1726.4	161.2	-114.1	-130.1	600.0	93.1	0.0442	0.0244	0.0244	43.19	78.35	78.17	0.00	-1.72	-2.24	0.0
7966	1748.0	171.8	-71.1	-104.8	535.4	51.9	0.0441	0.0245	0.0244	43.00	77.60	77.68	0.00	-1.72	-2.13	0.0
7967	1757.0	175.7	-52.8	72.6	529.5	-35.0	0.0441	0.0245	0.0244	43.10	77.78	77.86	0.00	-1.72	-2.11	0.0
7968	1753.1	171.8	-58.9	98.0	581.8	-75.7	0.0442	0.0244	0.0244	43.56	79.03	78.85	0.00	-1.73	-2.18	0.0
7969	317.5	-145.9	-2564.0	-10.8	178.4	153.6	0.0084	0.0051	0.0022							
7970	319.0	-142.3	-2541.0	-3.2	179.5	-103.8	0.0084	0.0051	0.0022							
7971	317.4	-144.0	-2510.2	5.1	178.7	-183.4	0.0084	0.0051	0.0022							
7972	312.8	-150.6	-2472.3	12.6	176.3	-259.3	0.0084	0.0051	0.0022							
7973	328.8	-146.7	-2487.0	-12.7	285.8	149.0	0.0084	0.0051	0.0022							
7974	330.6	-143.2	-2463.5	-2.2	286.1	-101.1	0.0084	0.0051	0.0022							
7975	329.2	-144.8	-2433.1	8.3	283.9	-178.5	0.0084	0.0051	0.0022							
7976	324.6	-151.2	-2396.4	18.5	279.2	-252.3	0.0084	0.0051	0.0022							
7977	338.1	-148.8	-2397.0	-14.8	380.0	145.0	0.0084	0.0051	0.0022							
7978	340.4	-145.3	-2373.1	3.4	379.6	-97.4	0.0084	0.0051	0.0022							
7979	339.3	-146.8	-2343.5	11.7	376.0	-172.2	0.0084	0.0051	0.0022							
7980	334.9	-152.8	-2308.7	24.1	369.4	-243.6	0.0084	0.0051	0.0022							
7981	347.6	-152.2	-2297.3	-17.1	460.3	141.6	0.0084	0.0051	0.0022							
7982	350.5	-148.8	-2273.3	4.6	459.0	-92.8	0.0084	0.0051	0.0022							
7983	349.9	-150.0	-2244.8	14.7	454.2	-164.6	0.0084	0.0051	0.0022							
7984	345.7	-155.6	-2212.4	29.2	446.1	-233.2	0.0084	0.0051	0.0022							
7985	359.4	-157.0	-2191.0	-19.5	526.5	138.8	0.0084	0.0051	0.0022							
7986	362.9	-153.7	-2166.9	5.2	524.4	-87.4	0.0084	0.0051	0.0022							
7987	362.8	-154.6	-2139.8	17.0	518.6	-155.9	0.0084	0.0051	0.0022							
7988	359.1	-159.5	-2110.1	33.3	509.3	-221.6	0.0084	0.0051	0.0022							
7989	374.6	-162.8	-2080.1	-21.9	579.4	136.7	0.0084	0.0051	0.0022							
7990	378.8	-159.6	-2055.9	5.3	576.5	-81.4	0.0084	0.0051	0.0022							
7991	379.3	-160.2	-2030.3	18.5	570.0	-146.4	0.0084	0.0051	0.0022							
7992	376.1	-164.3	-2003.7	36.4	560.0	-209.1	0.0084	0.0051	0.0022							
7993	394.2	-169.4	-1966.0	-24.2	619.6	135.0	0.0084	0.0051	0.0057							
7994	399.1	-166.2	-1941.7	4.6	615.9	-74.9	0.0084	0.0051	0.0057							
7995	400.3	-166.4	-1917.8	18.9	608.9	-136.6	0.0084	0.0051	0.0057							
7996	397.6	-169.7	-1894.3	38.1	598.8	-196.4	0.0084	0.0051	0.0057							
7997	419.5	-175.7	-1849.5	-26.2	647.1	133.7	0.0084	0.0051	0.0057							
7998	424.9	-172.3	-1825.3	-5.3	642.7	73.5	0.0084	0.0051	0.0057							
7999	426.7	-172.0	-1802.9	18.2	635.5	-126.7	0.0084	0.0051	0.0057							
8000	424.7	-174.8	-1782.5	38.3	625.5	-183.6	0.0084	0.0051	0.0057							
8001	452.3	-179.3	-1731.2	-27.7	661.0	132.6	0.0084	0.0051	0.0057							
8002	458.2	-175.4	-1706.8	-6.5	656.2	75.4	0.0084	0.0051	0.0057							
8003	460.5	-174.7	-1685.9	16.4	648.9	-116.9	0.0084	0.0051	0.0057							
8004	459.2	-177.2	-1668.4	36.9	639.3	-171.1	0.0084	0.0051	0.0057							
8005	496.4	-177.0	-1609.0	-28.3	660.3	131.4	0.0084	0.0051	0.0140							
8006	502.6	-172.3	-1583.7	-7.4	655.2	77.1	0.0084	0.0051	0.0140							
8007	505.4	-171.2	-1563.9	13.5	648.2	-107.4	0.0084	0.0051	0.0140							
8008	504.8	-173.6	-1549.7	33.8	639.2	-159.2	0.0084	0.0051	0.0140							
8009	557.7	-166.0	-1476.9	-28.2	643.9	129.9	0.0084	0.0051	0.0140							
8010	563.8	-160.7	-1449.6	-9.1	638.7	78.4	0.0084	0.0051	0.0140							
8011	567.0	-159.2	-1430.8	10.8	632.0	-98.5	0.0084	0.0051	0.0140							
8012	567.2	-161.4	-1420.3	29.4	623.8	-147.9	0.0084	0.0051	0.0140							
8013	645.1	-145.1	-1333.4	-28.7	610.3	128.2	0.0084	0.0051	0.0140							
8014	650.2	-139.0	-1303.5	-14.1	605.2	79.0	0.0084	0.0051	0.0140							
8015	653.6	-137.1	-1285.2	11.1	598.9	-90.2	0.0084	0.0051	0.0140							
8016	655.3	-139.3	-1278.4	25.4	591.6	-137.7	0.0084	0.0051	0.0140							
8017	770.8	-112.8	-1176.7	-31.6	557.2	126.1	0.0441	0.0051	0.0140							
8018	771.6	-104.0	-1143.9	-21.5	551.7	79.0	0.0441	0.0051	0.0140							
8019	775.1	-101.8	-1125.7	14.2	546.0	-82.8	0.0441	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8020	781.3	-106.2	-1122.0	24.2	540.2	-128.5	0.0441	0.0051	0.0140							
8021	949.6	-65.6	-987.0	-37.9	481.0	122.8	0.0441	0.0140	0.0140							
8022	936.9	-49.2	-951.8	-33.3	472.3	78.3	0.0441	0.0140	0.0140							
8023	940.5	-46.9	-933.2	-27.4	467.2	-76.2	0.0441	0.0140	0.0140							
8024	960.0	-58.6	-931.1	27.2	465.7	-119.9	0.0441	0.0140	0.0140							
8025	1190.3	10.1	-687.5	-59.7	463.8	119.0	0.0441	0.0140	0.0140							
8026	1151.6	28.7	-657.3	-56.1	485.8	84.5	0.0441	0.0140	0.0140							
8027	1154.7	31.0	-638.0	-51.4	480.6	-78.1	0.0441	0.0140	0.0140							
8028	1199.9	16.4	-630.2	-52.3	448.8	-112.4	0.0441	0.0140	0.0140							
8029	1505.7	108.6	-228.7	-118.2	397.7	170.5	0.0442	0.0244	0.0244	36.10	65.49	65.34	0.00	-1.42	-1.99	0.0
8030	1465.3	106.2	-195.9	-96.3	420.4	100.1	0.0441	0.0245	0.0244	35.54	64.14	64.21	0.00	-1.43	-1.90	0.0
8031	1466.4	107.8	-181.2	-88.7	416.8	-93.1	0.0441	0.0245	0.0244	35.65	64.34	64.40	0.00	-1.46	-1.87	0.0
8032	1512.9	112.1	-181.3	104.8	383.0	-161.0	0.0442	0.0244	0.0244	36.15	65.56	65.42	0.00	-1.42	-1.93	0.0
8033	314.2	-148.3	-2686.2	7.8	65.6	-275.2	0.0084	0.0051	0.0038							
8034	318.8	-140.2	-2731.5	-3.4	65.8	-191.0	0.0084	0.0051	0.0038							
8035	320.8	-137.5	-2766.2	-5.9	64.9	-102.5	0.0084	0.0051	0.0038							
8036	320.3	-140.5	-2789.7	-10.9	62.9	162.4	0.0084	0.0051	0.0038							
8037	297.1	-149.0	-2736.3	-9.6	-136.3	-278.2	0.0084	0.0051	0.0038							
8038	301.6	-141.0	-2781.4	-8.4	-139.1	-192.7	0.0084	0.0051	0.0038							
8039	303.5	-138.4	-2815.6	-8.5	-141.7	-102.8	0.0084	0.0051	0.0038							
8040	302.7	-141.4	-2838.4	-10.0	-144.0	168.7	0.0084	0.0051	0.0038							
8041	271.9	-150.5	-2764.1	-16.6	-262.7	-278.5	0.0084	0.0051	0.0038							
8042	276.0	-142.9	-2808.0	-13.5	-268.3	-192.3	0.0084	0.0051	0.0038							
8043	277.6	-140.5	-2841.3	-10.9	-272.5	-102.0	0.0084	0.0051	0.0038							
8044	276.5	-143.5	-2863.3	-9.0	-275.1	175.1	0.0084	0.0051	0.0038							
8045	238.4	-153.1	-2768.6	-23.8	-391.6	-276.0	0.0084	0.0051	0.0038							
8046	241.8	-146.0	-2810.3	-18.4	-399.8	-190.0	0.0084	0.0051	0.0038							
8047	242.8	-143.8	-2842.2	-12.9	-405.4	-100.2	0.0084	0.0051	0.0038							
8048	241.6	-146.9	-2863.8	-7.8	-408.2	181.3	0.0084	0.0051	0.0038							
8049	195.1	-156.9	-2749.9	-30.5	-519.3	-271.0	0.0084	0.0051	0.0038							
8050	197.5	-150.6	-2788.6	-22.8	-529.7	-186.0	0.0084	0.0051	0.0038							
8051	197.9	-148.8	-2818.8	-14.6	-536.5	-97.6	0.0084	0.0051	0.0038							
8052	196.5	-151.8	-2840.0	11.4	-539.3	187.1	0.0084	0.0051	0.0038							
8053	143.2	-162.3	-2709.2	-36.6	-642.5	-263.4	0.0084	0.0051	0.0038							
8054	144.3	-156.5	-2744.1	-26.5	-654.8	-180.6	0.0084	0.0051	0.0038							
8055	144.1	-155.1	-2772.4	-15.8	-662.4	104.6	0.0084	0.0051	0.0038							
8056	142.6	-158.3	-2793.7	16.2	-665.1	192.0	0.0084	0.0051	0.0038							
8057	82.4	-168.6	-2648.2	-41.3	-758.1	-254.2	0.0084	0.0051	0.0057							
8058	82.2	-163.7	-2678.8	-29.4	-771.5	-174.0	0.0084	0.0051	0.0057							
8059	81.3	-162.7	-2705.2	-16.5	-779.7	112.0	0.0084	0.0051	0.0057							
8060	79.8	-165.9	-2726.9	21.0	-782.4	196.2	0.0084	0.0051	0.0057							
8061	13.9	-175.8	-2570.4	-44.8	-860.9	-243.7	0.0084	0.0051	0.0057							
8062	12.4	-172.0	-2596.8	-31.3	-875.0	-166.7	0.0084	0.0051	0.0057							
8063	10.9	-171.5	-2621.1	-16.8	-883.4	119.0	0.0084	0.0051	0.0057							
8064	9.6	-174.6	-2643.3	26.0	-886.0	199.6	0.0084	0.0051	0.0057							
8065	-58.1	-183.9	-2482.1	-46.8	-945.8	-232.2	0.0084	0.0051	0.0057							
8066	-61.0	-181.1	-2504.2	-32.2	-960.0	-159.0	0.0084	0.0051	0.0057							
8067	-63.0	-181.2	-2526.8	-16.7	-968.4	125.5	0.0084	0.0051	0.0057							
8068	-64.0	-184.1	-2549.8	30.6	-970.8	201.7	0.0084	0.0051	0.0057							
8069	-129.6	-192.8	-2392.6	-47.2	-1007.8	-220.0	0.0084	0.0051	0.0022							
8070	-133.5	-191.0	-2410.8	-32.3	-1021.7	-151.3	0.0084	0.0051	0.0022							
8071	-135.8	-191.5	-2431.9	18.8	-1029.9	131.2	0.0084	0.0051	0.0022							
8072	-136.6	-194.3	-2455.8	34.5	-1032.2	202.5	0.0084	0.0051	0.0022							
8073	-192.4	-201.8	-2313.7	-45.8	-1043.2	-207.3	0.0084	0.0051	0.0022							
8074	-197.0	-201.1	-2328.5	-31.6	-1056.4	-143.7	0.0084	0.0051	0.0022							
8075	-199.6	-202.0	-2348.4	22.3	-1064.3	135.9	0.0084	0.0051	0.0022							
8076	-200.0	-204.6	-2373.5	37.1	-1066.5	201.6	0.0084	0.0051	0.0022							
8077	-238.9	-210.5	-2258.5	-42.3	-1050.4	-194.5	0.0084	0.0051	0.0022							
8078	-243.9	-210.8	-2270.7	-30.0	-1062.5	-136.6	0.0084	0.0051	0.0022							
8079	-246.5	-212.1	-2289.9	25.2	-1069.9	139.5	0.0084	0.0051	0.0022							
8080	-246.5	-214.2	-2316.2	37.9	-1072.2	199.0	0.0084	0.0051	0.0022							
8081	-261.7	-217.5	-2238.1	-36.9	-1027.2	-181.7	0.0084	0.0051	0.0022							
8082	-266.6	-218.9	-2248.9	-27.9	-1038.1	-130.1	0.0084	0.0051	0.0022							
8083	-269.0	-220.4	-2267.8	27.1	-1044.8	141.6	0.0084	0.0051	0.0022							
8084	-268.9	-222.0	-2294.9	36.4	-1047.5	194.5	0.0084	0.0051	0.0022							
8085	-257.4	-221.5	-2258.5	-30.0	-971.8	-168.9	0.0084	0.0051	0.0022							
8086	-261.4	-223.9	-2269.1	-25.4	-981.1	-124.2	0.0084	0.0051	0.0022							
8087	-263.5	-225.6	-2288.1	27.9	-987.3	142.1	0.0084	0.0051	0.0022							
8088	-263.6	-226.5	-2315.5	32.6	-990.3	187.8	0.0084	0.0051	0.0022							
8089	-227.2	-221.0	-2316.4	28.1	-883.4	-156.3	0.0084	0.0051	0.0022							
8090	-229.9	-224.4	-2328.0	28.0	-890.5	-119.2	0.0084	0.0051	0.0022							
8091	-231.5	-226.1	-2347.3	27.7	-896.0	140.6	0.0084	0.0051	0.0022							
8092	-232.0	-226.2	-2374.5	27.1	-899.8	178.7	0.0084	0.0051	0.0022							
8093	-181.7	-216.0	-2400.0	37.0	-766.8	-145.2	0.0085	0.0154	0.0127	9.30	5.11	6.21	0.00	-0.31	-2.72	0.0
8094	-182.7	-219.8	-2413.5	32.2	-771.4	-115.3	0.0084	0.0155	0.0127	8.65	4.68	5.72	0.00	-0.30	-2.73	0.0
8095	-183.8	-221.5	-2433.3	26.9	-776.1	136.9	0.0084	0.0155	0.0127	6.99	3.78	4.62	0.00	-0.27	-2.74	0.0
8096	-185.2	-221.0	-2459.5	-31.8	-781.0	167.5	0.0085	0.0154	0.0127	9.33	5.12	6.23	0.00	-0.31	-2.79	0.0
8097	297.2	-151.1	-2533.2	6.8	62.4	-264.1	0.0084	0.0051	0.0022							
8098	301.7	-144.4	-2571.6	-3.2	62.5	-186.6	0.0084	0.0051	0.0022							
8099	303.3	-142.8	-2602.3	-4.9	61.7	-105.3	0.0084	0.0051	0.0022							
8100	301.8	-146.4	-2624.8	-9.2	60.1	158.8	0.0084	0.0051	0.0022							
8101	275.7	-152.6	-2576.5	-9.9	-128.2	-266.8	0.0084	0.0051	0.0022							
8102	280.0	-146.0	-2614.7	-7.7	-130.7	-188.2	0.0084	0.0051	0.0022							
8103	281.5	-144.5	-2645.0	-6.9	-133.0	-105.8	0.0084	0.0051	0.0022							
8104	279.9	-148.2	-2666.9	-7.7	-134.9	164.4	0.0084	0.0051	0.0022							
8105	247.1	-155.3	-2600.5	-16.3	-246.7	-267.2	0.0084	0.0051	0.0022							
8106	251.0	-149.0	-2637.7	-12.3	-251.7	-188.0	0.0084	0.0051	0.0022							
8107	252.1	-147.7	-2667.2	-9.0	-255.3	-105.2	0.0084	0.0051	0.0022							
8108	250.4	-151.4	-2688.5	6.4	-257.6	170.1	0.0084	0.0051	0.0022							
8109	210.3	-159.4	-2604.5	-22.9	-366.8	-265.2	0.0084	0.0051	0.0022							
8110	213.4	-153.6	-2640.0	-16.8	-374.0	-186.2	0.0084	0.0051	0.0022							
8111	214.1	-152.4	-2668.4	-10.7	-378.9	-103.7	0.0084	0.0051	0.0022							
8112	212.3	-156.3	-2689.2	10.2	-381.3	175.8	0.0084	0.0051	0.0022							
8113	164.7	-165.1	-2588.7	-29.1	-485.1	-261.0	0.0084	0.0051	0.0022							
8114	167.0	-159.7	-2621.8	-20.8	-494.3	-182.8	0.0084	0.0051	0.0022							
8115	167.1	-158.9	-2648.8	-12.1	-500.2	-101.4	0.0084	0.0051	0.0022							
8116	165.2	-162.8	-2669.4	14.8	-502.6	181.0	0.0084	0.0051	0.0022							
8117	110.3	-172.2	-2554.3	-34.7	-598.8	-254.9	0.0084	0.0051	0.0022							
8118	111.4	-167.6	-2584.4	-24.2	-609.5	-178.2	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8119	111.0	-167.2	-2609.9	-13.1	-616.1	105.1	0.0084	0.0051	0.0022							
8120	109.0	-171.1	-2630.5	19.7	-618.6	185.8	0.0084	0.0051	0.0022							
8121	47.5	-180.9	-2503.6	-39.4	-704.7	-247.2	0.0084	0.0051	0.0057							
8122	47.4	-177.1	-2530.2	-26.9	-716.5	-172.7	0.0084	0.0051	0.0057							
8123	46.4	-177.1	-2554.1	-13.7	-723.7	111.8	0.0084	0.0051	0.0057							
8124	44.5	-180.9	-2575.0	24.9	-726.2	190.1	0.0084	0.0051	0.0057							
8125	-22.1	-191.2	-2440.5	-42.9	-799.8	-238.5	0.0084	0.0051	0.0057							
8126	-23.4	-188.2	-2463.7	-28.9	-812.1	-166.5	0.0084	0.0051	0.0057							
8127	-24.9	-188.6	-2486.1	15.2	-819.6	118.4	0.0084	0.0051	0.0057							
8128	-26.7	-192.4	-2507.4	30.1	-822.1	193.6	0.0084	0.0051	0.0057							
8129	-95.2	-202.8	-2371.6	-45.1	-880.5	-229.0	0.0084	0.0051	0.0057							
8130	-97.7	-200.7	-2391.3	-30.0	-893.0	-160.0	0.0084	0.0051	0.0057							
8131	-99.7	-201.5	-2412.3	19.0	-900.6	124.5	0.0084	0.0051	0.0057							
8132	-101.2	-205.3	-2434.5	34.9	-903.1	196.3	0.0084	0.0051	0.0057							
8133	-167.0	-215.7	-2305.8	-45.8	-944.2	-219.0	0.0084	0.0051	0.0022							
8134	-170.5	-214.5	-2322.2	-30.4	-956.6	-153.4	0.0084	0.0051	0.0022							
8135	-172.9	-215.7	-2342.0	22.8	-964.1	130.1	0.0084	0.0051	0.0022							
8136	-174.0	-219.3	-2365.3	38.9	-966.6	198.1	0.0084	0.0051	0.0022							
8137	-230.7	-229.3	-2254.2	-44.7	-989.3	-209.0	0.0084	0.0051	0.0022							
8138	-235.1	-229.1	-2267.8	-30.0	-1001.2	-147.1	0.0084	0.0051	0.0022							
8139	-237.7	-230.6	-2286.8	26.4	-1008.5	135.1	0.0084	0.0051	0.0022							
8140	-238.4	-234.0	-2311.3	41.6	-1011.1	199.0	0.0084	0.0051	0.0022							
8141	-278.3	-243.0	-2229.5	-41.7	-1014.7	-199.1	0.0084	0.0051	0.0022							
8142	-283.2	-243.7	-2241.0	-28.9	-1025.9	-141.2	0.0084	0.0051	0.0022							
8143	-285.9	-245.6	-2259.6	29.2	-1032.9	139.3	0.0084	0.0051	0.0022							
8144	-286.2	-248.5	-2285.3	42.2	-1035.7	198.9	0.0084	0.0051	0.0022							
8145	-300.7	-255.4	-2244.2	-36.4	-1017.8	-189.4	0.0084	0.0051	0.0022							
8146	-305.7	-257.2	-2254.7	-27.2	-1028.3	-135.8	0.0084	0.0051	0.0022							
8147	-308.3	-259.2	-2273.2	30.8	-1035.1	142.6	0.0084	0.0051	0.0022							
8148	-308.3	-261.4	-2300.0	40.2	-1038.0	197.5	0.0084	0.0051	0.0022							
8149	-289.4	-263.9	-2303.8	-29.0	-989.6	-179.2	0.0084	0.0051	0.0022							
8150	-293.8	-266.8	-2314.5	26.4	-999.2	-130.9	0.0084	0.0051	0.0022							
8151	-295.9	-269.0	-2333.4	30.8	-1005.5	144.4	0.0084	0.0051	0.0022							
8152	-296.0	-270.4	-2360.6	35.0	-1008.6	194.0	0.0084	0.0051	0.0022							
8153	-250.3	-267.3	-2402.0	32.3	-921.4	-168.1	0.0084	0.0051	0.0022							
8154	-253.2	-271.1	-2414.4	31.0	-929.6	-126.3	0.0084	0.0051	0.0022							
8155	-254.9	-273.3	-2433.9	29.5	-935.3	144.0	0.0084	0.0051	0.0022							
8156	-255.5	-273.7	-2460.7	27.7	-938.7	187.1	0.0084	0.0051	0.0022							
8157	-188.9	-262.6	-2513.5	40.9	-808.7	-156.4	0.0085	0.0154	0.0127	10.17	5.59	6.79	0.00	-0.36	-2.86	0.0
8158	-190.0	-266.9	-2528.1	34.1	-814.4	-122.1	0.0084	0.0155	0.0127	9.48	5.13	6.27	0.00	-0.36	-2.87	0.0
8159	-191.2	-268.9	-2548.2	-28.9	-819.4	140.8	0.0084	0.0155	0.0127	9.49	5.14	6.28	0.00	-0.36	-2.89	0.0
8160	-192.5	-268.6	-2574.0	-35.7	-823.7	176.4	0.0085	0.0154	0.0127	10.17	5.58	6.79	0.00	-0.37	-2.93	0.0
8161	328.7	-146.3	-2732.2	-18.1	188.1	224.1	0.0084	0.0051	0.0038							
8162	334.2	-146.9	-2644.0	-21.2	303.4	217.5	0.0084	0.0051	0.0038							
8163	337.2	-148.5	-2541.5	-24.6	404.2	211.3	0.0084	0.0051	0.0038							
8164	341.4	-151.1	-2429.0	-28.1	490.2	205.5	0.0084	0.0051	0.0038							
8165	347.3	-155.1	-2310.4	-31.7	561.7	199.8	0.0084	0.0051	0.0038							
8166	358.5	-159.6	-2188.1	-34.9	620.4	194.5	0.0084	0.0051	0.0038							
8167	374.2	-164.9	-2062.6	-37.6	668.0	190.1	0.0084	0.0051	0.0057							
8168	394.4	-170.9	-1934.1	-40.1	703.6	186.0	0.0084	0.0051	0.0057							
8169	422.1	-175.1	-1802.8	-42.0	726.5	182.0	0.0084	0.0051	0.0057							
8170	459.2	-174.5	-1667.6	-42.9	735.2	177.5	0.0084	0.0051	0.0140							
8171	513.1	-164.8	-1526.0	-42.6	728.2	172.1	0.0084	0.0051	0.0140							
8172	593.9	-144.4	-1378.8	-42.1	705.3	165.5	0.0084	0.0051	0.0140							
8173	718.3	-112.7	-1228.1	-44.5	667.1	157.2	0.0441	0.0051	0.0140							
8174	914.9	-66.6	-1062.4	-50.9	614.0	146.6	0.0441	0.0140	0.0140							
8175	1225.3	6.5	-817.9	-66.1	553.4	133.2	0.0441	0.0140	0.0140							
8176	1699.8	151.8	-159.6	-120.0	646.3	113.9	0.0443	0.0243	0.0244	42.98	78.56	78.00	0.00	-1.72	-2.31	0.0
8177	325.9	-151.4	-2738.7	-22.4	185.8	270.6	0.0084	0.0051	0.0038							
8178	331.2	-151.8	-2651.4	-26.9	301.0	263.0	0.0084	0.0051	0.0038							
8179	333.9	-153.3	-2550.1	-31.7	401.7	255.5	0.0084	0.0051	0.0038							
8180	337.3	-155.7	-2439.0	-36.4	487.7	248.1	0.0084	0.0051	0.0038							
8181	343.0	-159.1	-2321.9	-41.1	559.5	240.8	0.0084	0.0051	0.0038							
8182	353.6	-163.2	-2201.1	-45.0	618.7	234.2	0.0084	0.0051	0.0038							
8183	368.6	-168.3	-2077.1	-49.1	666.8	228.0	0.0084	0.0051	0.0057							
8184	388.4	-173.9	-1950.0	-52.1	703.0	222.0	0.0084	0.0051	0.0057							
8185	415.6	-178.1	-1820.1	-54.3	726.5	216.2	0.0084	0.0051	0.0057							
8186	452.4	-178.2	-1686.9	-55.1	735.8	209.9	0.0084	0.0051	0.0140							
8187	506.1	-169.1	-1548.3	-54.2	729.3	202.6	0.0084	0.0051	0.0140							
8188	586.3	-148.5	-1404.8	-52.2	706.8	194.3	0.0084	0.0051	0.0140							
8189	709.7	-116.2	-1258.0	-52.3	668.4	184.9	0.0441	0.0051	0.0140							
8190	905.2	-70.4	-1096.1	-56.1	613.8	174.3	0.0441	0.0140	0.0140							
8191	1214.1	-0.7	-854.4	-64.8	550.6	162.2	0.0441	0.0140	0.0140							
8192	1682.7	135.5	-197.8	-109.1	640.9	133.2	0.0445	0.0242	0.0244	42.35	77.96	77.05	0.00	-1.71	-2.32	0.0
8193	314.3	-151.6	-2577.6	-16.6	176.5	216.4	0.0084	0.0051	0.0022							
8194	325.4	-152.3	-2501.4	-20.6	284.0	210.2	0.0084	0.0051	0.0022							
8195	334.3	-154.3	-2412.2	-24.7	378.6	204.3	0.0084	0.0051	0.0022							
8196	343.3	-157.5	-2313.5	-28.8	459.2	198.7	0.0084	0.0051	0.0022							
8197	354.4	-162.0	-2208.2	-32.9	526.0	193.6	0.0084	0.0051	0.0022							
8198	369.0	-167.6	-2098.2	-36.7	579.6	189.0	0.0084	0.0051	0.0022							
8199	388.1	-174.0	-1984.9	-40.2	620.5	184.9	0.0084	0.0051	0.0057							
8200	412.9	-180.2	-1869.4	-43.1	648.7	181.3	0.0084	0.0051	0.0057							
8201	445.4	-184.4	-1752.3	-44.8	663.2	177.8	0.0084	0.0051	0.0057							
8202	489.5	-182.9	-1632.0	-45.2	663.0	174.4	0.0084	0.0051	0.0140							
8203	550.9	-172.3	-1503.1	-43.9	647.0	171.0	0.0084	0.0051	0.0140							
8204	638.9	-151.5	-1363.5	-42.0	613.6	167.9	0.0084	0.0051	0.0140							
8205	767.7	-120.6	-1210.9	-41.1	560.6	165.2	0.0441	0.0051	0.0140							
8206	956.9	-78.2	-1025.3	-40.5	487.0	162.6	0.0441	0.0140	0.0140							
8207	1222.4	-12.8	-722.7	-42.9	445.1	152.2	0.0441	0.0140	0.0140							
8208	1575.6	104.2	-269.5	-79.8	451.7	147.8	0.0443	0.0243	0.0244	37.92	69.29	68.81	0.00	-1.53	-2.11	0.0
8209	310.8	-157.4	-2584.7	-20.6	174.5	260.3	0.0084	0.0051	0.0022							
8210	321.5	-158.0	-2509.3	-26.0	281.8	253.1	0.0084	0.0051	0.0022							
8211	330.1	-159.8	-2421.2	-31.5	376.3	246.0	0.0084	0.0051	0.0022							
8212	338.6	-162.9	-2323.7	-37.0	457.0	239.0	0.0084	0.0051	0.0022							
8213	349.3	-167.0	-2219.5	-42.2	524.2	232.4	0.0084	0.0051	0.0022							
8214	363.3	-172.3	-2110.8	-47.2	578.3	226.2	0.0084	0.0051	0.0022							
8215	381.9	-178.4	-1998.8	-51.6	619.8	220.5	0.0084	0.0051	0.0057							
8216	406.4	-184.5	-1884.5	-55.2	648.6	215.2	0.0084	0.0051	0.0057							
8217	438.7	-188.9	-1768.9	-57.3	663.8	210.3	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8218	482.8	-188.1	-1650.7	-57.5	664.2	205.4	0.0084	0.0051	0.0140							
8219	544.3	-177.9	-1525.2	-55.5	648.6	200.7	0.0084	0.0051	0.0140							
8220	632.0	-156.4	-1389.6	-52.3	615.5	196.6	0.0084	0.0051	0.0140							
8221	760.5	-124.3	-1241.4	-50.4	562.1	194.1	0.0441	0.0051	0.0140							
8222	950.6	-81.5	-1060.7	-49.6	487.4	192.9	0.0441	0.0140	0.0140							
8223	1222.2	-19.8	-763.3	-51.6	444.1	187.5	0.0441	0.0140	0.0140							
8224	1583.7	105.6	-299.6	125.0	439.6	111.2	0.0445	0.0242	0.0244	38.13	70.14	69.35	0.00	-1.59	-2.11	0.0
8225	318.1	-146.5	-2801.9	-14.9	60.8	231.1	0.0084	0.0051	0.0038							
8226	315.5	-151.7	-2807.4	-17.7	58.9	278.5	0.0084	0.0051	0.0038							
8227	300.4	-147.5	-2849.8	-11.6	-145.7	238.3	0.0084	0.0051	0.0038							
8228	297.7	-152.7	-2854.5	-12.8	-146.8	286.4	0.0084	0.0051	0.0038							
8229	274.0	-149.7	-2874.2	-8.0	-276.3	245.2	0.0084	0.0051	0.0038							
8230	271.3	-154.9	-2878.5	9.4	-276.7	293.6	0.0084	0.0051	0.0038							
8231	239.1	-152.8	-2874.6	12.1	-408.8	251.2	0.0084	0.0051	0.0038							
8232	236.3	-158.2	-2879.2	15.6	-408.1	299.4	0.0084	0.0051	0.0038							
8233	194.0	-157.8	-2851.6	18.2	-539.1	255.9	0.0084	0.0051	0.0038							
8234	191.6	-162.7	-2857.0	22.7	-537.5	303.6	0.0084	0.0051	0.0038							
8235	140.6	-163.5	-2806.5	24.6	-664.3	259.2	0.0084	0.0051	0.0038							
8236	138.7	-168.2	-2813.3	29.9	-661.9	306.2	0.0084	0.0051	0.0038							
8237	78.5	-170.5	-2741.1	30.8	-781.2	261.3	0.0084	0.0051	0.0057							
8238	77.0	-175.2	-2749.7	37.6	-778.2	306.9	0.0084	0.0051	0.0057							
8239	8.5	-179.1	-2659.3	36.9	-884.4	261.9	0.0084	0.0051	0.0057							
8240	8.0	-183.3	-2670.1	44.4	-880.9	305.6	0.0084	0.0051	0.0057							
8241	-64.3	-188.1	-2567.9	42.3	-969.0	260.8	0.0084	0.0051	0.0057							
8242	-64.1	-192.0	-2581.1	50.2	-965.2	302.3	0.0084	0.0051	0.0057							
8243	-136.2	-197.9	-2476.2	46.3	-1030.4	257.7	0.0084	0.0051	0.0022							
8244	-135.2	-201.3	-2492.0	54.3	-1026.6	296.7	0.0084	0.0051	0.0022							
8245	-198.9	-207.6	-2396.1	48.3	-1064.9	252.6	0.0084	0.0051	0.0022							
8246	-197.2	-210.3	-2414.4	55.8	-1061.4	288.7	0.0084	0.0051	0.0022							
8247	-245.1	-216.5	-2340.7	47.4	-1071.1	245.4	0.0084	0.0051	0.0022							
8248	-242.9	-218.3	-2361.2	53.8	-1068.0	278.2	0.0084	0.0051	0.0022							
8249	-267.3	-223.3	-2320.8	43.3	-1046.9	235.7	0.0084	0.0051	0.0022							
8250	-265.2	-224.1	-2342.7	47.9	-1044.7	264.9	0.0084	0.0051	0.0022							
8251	-262.5	-226.8	-2341.9	36.1	-990.8	223.4	0.0084	0.0051	0.0022							
8252	-261.0	-226.5	-2364.2	38.4	-989.7	248.9	0.0084	0.0051	0.0022							
8253	-231.9	-225.5	-2400.2	26.6	-901.7	208.5	0.0084	0.0051	0.0022							
8254	-231.5	-224.2	-2421.7	26.5	-902.3	229.9	0.0084	0.0051	0.0022							
8255	-186.1	-218.6	-2483.5	-35.1	-784.8	190.9	0.0086	0.0153	0.0127	9.77	5.48	6.61	0.00	-0.32	-2.82	0.0
8256	-187.1	-216.5	-2503.4	-37.3	-787.2	208.4	0.0087	0.0152	0.0127	10.02	5.74	6.87	0.00	-0.32	-2.85	0.0
8257	298.8	-152.2	-2637.7	-12.6	58.3	222.7	0.0084	0.0051	0.0022							
8258	295.4	-158.0	-2644.0	-15.0	56.7	267.5	0.0084	0.0051	0.0022							
8259	276.9	-154.0	-2679.1	-8.7	-136.2	229.1	0.0084	0.0051	0.0022							
8260	273.6	-160.0	-2684.9	-9.4	-137.0	274.3	0.0084	0.0051	0.0022							
8261	247.4	-157.3	-2700.4	10.4	-258.5	235.1	0.0084	0.0051	0.0022							
8262	244.1	-163.3	-2706.0	13.3	-258.5	280.5	0.0084	0.0051	0.0022							
8263	209.3	-162.2	-2701.2	15.8	-381.6	240.5	0.0084	0.0051	0.0022							
8264	206.1	-168.1	-2707.0	19.7	-380.9	285.7	0.0084	0.0051	0.0022							
8265	162.4	-168.6	-2681.8	21.9	-502.5	244.9	0.0084	0.0051	0.0022							
8266	159.5	-174.4	-2688.4	26.9	-501.0	289.6	0.0084	0.0051	0.0022							
8267	106.5	-176.7	-2643.7	28.4	-618.0	248.4	0.0084	0.0051	0.0022							
8268	104.1	-182.4	-2651.4	34.5	-615.9	292.2	0.0084	0.0051	0.0022							
8269	42.4	-186.5	-2589.5	35.1	-725.2	250.7	0.0084	0.0051	0.0057							
8270	40.6	-191.8	-2598.8	42.1	-722.6	293.3	0.0084	0.0051	0.0057							
8271	-28.1	-197.7	-2523.5	41.4	-821.0	252.0	0.0084	0.0051	0.0057							
8272	-29.3	-202.7	-2534.8	49.1	-818.0	293.1	0.0084	0.0051	0.0057							
8273	-102.0	-210.2	-2452.5	46.9	-901.9	252.1	0.0084	0.0051	0.0057							
8274	-102.3	-214.8	-2465.9	55.1	-898.9	291.5	0.0084	0.0051	0.0057							
8275	-174.1	-223.8	-2385.4	51.0	-965.5	251.0	0.0084	0.0051	0.0022							
8276	-173.6	-227.8	-2401.2	59.2	-962.6	288.4	0.0084	0.0051	0.0022							
8277	-237.8	-237.8	-2333.5	53.0	-1010.3	248.8	0.0084	0.0051	0.0022							
8278	-236.5	-241.2	-2351.7	60.7	-1007.7	284.1	0.0084	0.0051	0.0022							
8279	-285.0	-251.5	-2309.5	52.0	-1035.3	245.4	0.0084	0.0051	0.0022							
8280	-283.2	-253.9	-2329.7	58.5	-1033.1	278.4	0.0084	0.0051	0.0022							
8281	-306.9	-263.4	-2325.6	47.1	-1038.0	240.5	0.0084	0.0051	0.0022							
8282	-304.8	-264.7	-2347.2	51.7	-1036.2	271.1	0.0084	0.0051	0.0022							
8283	-294.9	-271.1	-2386.6	38.0	-1009.0	232.7	0.0084	0.0051	0.0022							
8284	-293.3	-271.1	-2408.5	39.9	-1007.8	260.4	0.0084	0.0051	0.0022							
8285	-255.3	-273.3	-2485.9	-26.4	-940.0	220.8	0.0084	0.0051	0.0022							
8286	-254.9	-272.1	-2506.8	-26.6	-939.8	245.0	0.0084	0.0051	0.0022							
8287	-193.5	-266.1	-2597.3	-40.5	-826.5	203.5	0.0086	0.0153	0.0127	10.65	5.97	7.20	0.00	-0.37	-2.96	0.0
8288	-194.5	-264.0	-2616.5	-43.8	-827.9	223.6	0.0087	0.0152	0.0127	10.92	6.24	7.48	0.00	-0.38	-2.98	0.0
8289	1654.5	101.6	-267.7	-117.9	594.0	170.7	0.0447	0.0239	0.0244	40.88	76.24	74.72	0.00	-1.66	-2.33	0.0
8290	1592.7	64.2	-387.8	-159.8	551.4	235.0	0.0450	0.0236	0.0244	38.70	73.75	71.26	0.00	-1.58	-2.38	0.0
8291	1499.7	51.8	-549.9	-213.2	590.9	309.8	0.0454	0.0232	0.0244	36.73	71.89	68.26	0.00	-1.49	-2.52	0.0
8292	1391.7	101.3	-741.8	-256.1	703.8	359.5	0.0459	0.0227	0.0244	35.24	71.14	66.17	0.00	-1.38	-2.72	0.0
8293	1185.9	-6.7	-927.2	-73.8	532.7	205.5	0.0441	0.0140	0.0140							
8294	1135.6	-7.8	-1038.7	-94.8	523.2	258.3	0.0441	0.0140	0.0140							
8295	1071.6	3.6	-1164.8	-114.2	551.1	304.1	0.0441	0.0140	0.0140							
8296	997.7	19.0	-1298.0	-126.0	603.8	333.5	0.0441	0.0140	0.0140							
8297	881.7	-72.4	-1156.9	-66.8	612.0	214.8	0.0441	0.0140	0.0140							
8298	843.2	-72.1	-1248.7	-80.6	614.7	264.5	0.0441	0.0051	0.0140							
8299	798.9	-76.0	-1350.8	-92.2	628.2	308.2	0.0441	0.0051	0.0140							
8300	739.5	-98.3	-1459.9	-122.6	643.8	348.3	0.0441	0.0051	0.0140							
8301	691.9	-120.6	-1309.9	-64.5	669.7	225.0	0.0441	0.0051	0.0140							
8302	663.5	-128.6	-1387.2	-81.2	672.9	276.1	0.0441	0.0051	0.0140							
8303	627.2	-144.4	-1474.6	-103.9	677.6	325.4	0.0084	0.0051	0.0140							
8304	568.9	-165.6	-1569.9	-142.8	680.7	375.3	0.0084	0.0051	0.0140							
8305	571.6	-155.6	-1449.0	-67.6	708.1	236.1	0.0084	0.0051	0.0140							
8306	547.3	-167.7	-1514.6	-89.9	709.1	290.7	0.0084	0.0051	0.0140							
8307	512.4	-181.9	-1589.2	-118.0	708.5	345.3	0.0084	0.0051	0.0140							
8308	457.2	-191.9	-1671.8	-153.3	704.9	400.2	0.0084	0.0051	0.0140							
8309	492.7	-176.4	-1585.6	-71.6	729.6	246.9	0.0084	0.0051	0.0140							
8310	469.4	-186.9	-1640.7	-96.5	728.2	305.2	0.0084	0.0051	0.0140							
8311	435.5	-195.9	-1703.7	-124.7	724.0	363.8	0.0084	0.0051	0.0140							
8312	386.4	-202.5	-1774.8	-153.9	716.2	422.4	0.0084	0.0051	0.0140							
8313	439.4	-184.0	-1718.6	-73.3	735.0	256.7	0.0084	0.0051	0.0140							
8314	416.9	-191.9	-1765.3	-98.3	731.5	318.5	0.0084	0.0051	0.0140							
8315	385.1	-199.3	-1818.9	-124.3	724.7	380.6	0.0084	0.0051	0.0140							
8316	342.4	-207.2	-1880.0	-148.7	713.9	442.3	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8317	403.0	-183.2	-1848.0	-72.2	724.7	265.5	0.0084	0.0051	0.0057							
8318	381.7	-190.4	-1888.5	-96.1	719.6	330.5	0.0084	0.0051	0.0057							
8319	352.6	-198.9	-1934.7	-119.4	710.8	395.6	0.0084	0.0051	0.0057							
8320	315.6	-209.0	-1987.2	-140.2	698.1	460.4	0.0084	0.0051	0.0057							
8321	376.9	-179.0	-1974.8	-69.2	700.1	273.7	0.0084	0.0051	0.0057							
8322	357.3	-187.2	-2010.3	-91.1	693.5	341.5	0.0084	0.0051	0.0057							
8323	331.5	-197.2	-2050.1	-111.8	683.2	409.4	0.0084	0.0051	0.0057							
8324	299.5	-209.1	-2095.1	-129.7	669.0	477.0	0.0084	0.0051	0.0057							
8325	357.9	-174.5	-2099.0	-64.9	662.8	281.9	0.0084	0.0051	0.0057							
8326	340.3	-183.6	-2129.8	-84.7	655.0	352.2	0.0084	0.0051	0.0057							
8327	317.2	-195.1	-2163.9	-103.1	643.6	422.7	0.0084	0.0051	0.0057							
8328	289.2	-208.5	-2201.9	-118.7	628.3	492.8	0.0084	0.0051	0.0057							
8329	344.0	-170.1	-2220.1	-59.6	614.1	290.2	0.0084	0.0051	0.0038							
8330	328.3	-180.4	-2246.5	-77.4	605.2	362.9	0.0084	0.0051	0.0038							
8331	308.2	-192.7	-2275.1	-93.4	592.9	435.7	0.0084	0.0051	0.0038							
8332	283.4	-207.5	-2306.8	-107.2	577.3	508.1	0.0084	0.0051	0.0057							
8333	334.7	-166.3	-2338.2	-53.9	554.3	299.0	0.0084	0.0051	0.0038							
8334	320.6	-177.8	-2359.9	-69.7	544.5	374.1	0.0084	0.0051	0.0038							
8335	302.9	-190.8	-2383.2	-83.7	531.6	448.7	0.0084	0.0051	0.0038							
8336	281.3	-206.3	-2409.0	-95.5	515.6	523.1	0.0084	0.0051	0.0038							
8337	329.7	-163.4	-2452.4	-47.7	482.1	308.2	0.0084	0.0051	0.0038							
8338	316.9	-175.5	-2469.6	-61.3	472.4	385.5	0.0084	0.0051	0.0038							
8339	300.4	-189.3	-2487.8	-73.6	459.6	462.0	0.0084	0.0051	0.0038							
8340	280.6	-205.4	-2507.5	-84.0	443.5	538.3	0.0084	0.0051	0.0038							
8341	327.1	-161.4	-2560.8	-41.3	396.2	317.4	0.0084	0.0051	0.0038							
8342	315.7	-173.8	-2574.0	-52.7	386.9	396.6	0.0084	0.0051	0.0038							
8343	301.1	-187.8	-2587.2	-63.0	374.8	475.1	0.0084	0.0051	0.0038							
8344	282.5	-204.7	-2600.9	-71.3	360.0	553.3	0.0084	0.0051	0.0038							
8345	325.1	-160.1	-2659.8	-34.7	296.0	326.6	0.0084	0.0051	0.0038							
8346	314.4	-172.8	-2669.3	-44.1	287.5	407.8	0.0084	0.0051	0.0038							
8347	300.4	-187.3	-2677.7	-52.1	276.5	488.0	0.0084	0.0051	0.0038							
8348	282.7	-204.9	-2686.3	-58.7	263.6	567.4	0.0084	0.0051	0.0038							
8349	320.4	-159.6	-2745.2	-28.1	181.6	335.6	0.0084	0.0051	0.0038							
8350	310.4	-172.5	-2751.2	-34.9	174.6	418.6	0.0084	0.0051	0.0038							
8351	297.0	-187.4	-2755.4	-40.7	166.0	500.2	0.0084	0.0051	0.0038							
8352	279.6	-205.3	-2759.0	-45.3	156.0	580.9	0.0084	0.0051	0.0038							
8353	1527.5	112.5	-355.0	177.9	386.3	135.9	0.0446	0.0240	0.0244	36.52	68.04	66.72	0.00	-1.53	-2.08	0.0
8354	1488.2	104.5	-453.1	139.8	406.0	192.7	0.0450	0.0236	0.0244	35.36	67.29	65.08	0.00	-1.47	-2.16	0.0
8355	1470.3	102.2	-569.9	102.4	419.2	258.2	0.0454	0.0232	0.0244	34.58	67.51	64.20	0.00	-1.42	-2.29	0.0
8356	1444.5	126.7	-740.1	-126.0	476.0	350.9	0.0458	0.0228	0.0244	33.72	67.87	63.25	0.00	-1.30	-2.51	0.0
8357	1186.7	-10.4	-843.2	-74.6	464.2	236.3	0.0441	0.0140	0.0140							
8358	1133.9	3.9	-961.4	-80.5	492.2	290.9	0.0441	0.0140	0.0140							
8359	1100.2	16.9	-1090.2	-77.2	508.8	342.2	0.0441	0.0140	0.0140							
8360	1088.6	27.3	-1216.7	-84.8	517.7	362.5	0.0441	0.0140	0.0140							
8361	926.1	-79.0	-1123.6	-65.0	485.7	237.4	0.0441	0.0140	0.0140							
8362	889.7	-71.6	-1218.4	-73.5	491.7	290.6	0.0441	0.0140	0.0140							
8363	863.4	-75.2	-1324.5	-74.3	512.0	333.2	0.0441	0.0051	0.0140							
8364	835.2	-109.9	-1440.6	-102.4	540.2	369.7	0.0441	0.0051	0.0140							
8365	743.4	-127.7	-1294.4	-63.4	564.8	235.6	0.0441	0.0051	0.0140							
8366	718.8	-135.5	-1373.7	-76.7	570.7	287.7	0.0441	0.0051	0.0140							
8367	693.3	-156.8	-1464.3	-95.3	581.0	336.8	0.0084	0.0051	0.0140							
8368	646.5	-189.9	-1564.4	-138.6	595.5	385.7	0.0084	0.0051	0.0140							
8369	618.6	-164.8	-1434.1	-67.4	618.2	238.2	0.0084	0.0051	0.0140							
8370	597.4	-180.4	-1500.5	-88.4	622.2	292.6	0.0084	0.0051	0.0140							
8371	567.0	-201.5	-1576.3	-117.1	627.7	346.9	0.0084	0.0051	0.0140							
8372	513.7	-219.6	-1660.1	-157.6	634.7	402.1	0.0084	0.0051	0.0140							
8373	531.7	-187.7	-1562.1	-72.9	650.4	243.7	0.0084	0.0051	0.0140							
8374	509.7	-202.9	-1616.6	-98.2	652.3	300.8	0.0084	0.0051	0.0140							
8375	476.6	-218.0	-1679.1	-128.3	653.9	358.7	0.0084	0.0051	0.0140							
8376	425.5	-230.0	-1749.3	-161.6	654.9	417.5	0.0084	0.0051	0.0140							
8377	470.0	-196.8	-1681.4	-76.0	664.8	250.4	0.0084	0.0051	0.0140							
8378	447.3	-209.2	-1726.7	-102.0	664.4	310.0	0.0084	0.0051	0.0140							
8379	414.4	-221.4	-1778.8	-130.0	662.6	370.6	0.0084	0.0051	0.0140							
8380	368.6	-233.5	-1838.4	-157.2	658.8	431.9	0.0084	0.0051	0.0140							
8381	425.8	-196.4	-1795.5	-75.7	663.2	257.2	0.0084	0.0051	0.0057							
8382	403.5	-207.6	-1834.4	-100.6	660.6	319.4	0.0084	0.0051	0.0057							
8383	372.6	-220.0	-1878.9	-125.5	655.8	382.3	0.0084	0.0051	0.0057							
8384	332.2	-234.0	-1929.9	-148.2	648.5	445.8	0.0084	0.0051	0.0057							
8385	393.9	-191.8	-1908.2	-72.7	646.8	264.2	0.0084	0.0051	0.0057							
8386	372.7	-203.3	-1942.0	-95.6	642.4	328.8	0.0084	0.0051	0.0057							
8387	344.4	-217.0	-1980.2	-117.6	635.2	393.9	0.0084	0.0051	0.0057							
8388	308.9	-232.8	-2023.7	-136.9	625.1	459.4	0.0084	0.0051	0.0057							
8389	370.3	-186.1	-2019.7	-67.8	616.9	271.5	0.0084	0.0051	0.0057							
8390	350.7	-198.5	-2049.0	-88.5	610.8	338.4	0.0084	0.0051	0.0057							
8391	325.2	-213.4	-2081.6	-107.7	601.8	405.5	0.0084	0.0051	0.0057							
8392	294.0	-230.8	-2118.3	-124.3	589.8	473.0	0.0084	0.0051	0.0057							
8393	352.6	-180.7	-2129.2	-61.8	574.5	279.1	0.0084	0.0051	0.0022							
8394	334.8	-193.9	-2154.3	-80.1	567.0	348.2	0.0084	0.0051	0.0022							
8395	312.0	-210.0	-2181.5	-96.8	556.6	417.4	0.0084	0.0051	0.0022							
8396	284.2	-228.6	-2212.1	-111.1	543.3	486.5	0.0084	0.0051	0.0057							
8397	339.5	-176.0	-2235.4	-55.2	519.6	287.3	0.0084	0.0051	0.0022							
8398	323.4	-190.0	-2256.5	-71.1	511.3	358.5	0.0084	0.0051	0.0022							
8399	302.8	-207.0	-2278.8	-85.5	500.1	429.4	0.0084	0.0051	0.0022							
8400	277.8	-226.6	-2303.5	-97.8	486.1	500.3	0.0084	0.0051	0.0022							
8401	329.8	-172.3	-2337.2	-48.1	452.1	295.8	0.0084	0.0051	0.0022							
8402	315.1	-186.9	-2354.3	-61.7	443.4	369.0	0.0084	0.0051	0.0022							
8403	296.4	-204.5	-2371.9	-73.9	432.0	441.7	0.0084	0.0051	0.0022							
8404	273.5	-224.9	-2391.1	-84.2	418.0	514.0	0.0084	0.0051	0.0022							
8405	322.0	-169.6	-2432.5	-40.8	371.4	304.4	0.0084	0.0051	0.0022							
8406	308.5	-184.7	-2446.0	-52.1	362.9	379.5	0.0084	0.0051	0.0022							
8407	291.0	-202.8	-2459.2	-62.1	352.0	453.9	0.0084	0.0051	0.0022							
8408	269.7	-223.9	-2473.1	-70.4	338.8	527.6	0.0084	0.0051	0.0022							
8409	314.0	-168.0	-2518.6	-33.4	277.3	313.1	0.0084	0.0051	0.0022							
8410	301.4	-183.4	-2528.8	-42.2	269.6	389.9	0.0084	0.0051	0.0022							
8411	285.1	-202.0	-2537.9	-50.0	260.1	465.7	0.0084	0.0051	0.0022							
8412	264.7	-223.6	-2547.2	-56.3	248.7	540.6	0.0084	0.0051	0.0022							
8413	303.7	-167.5	-2592.2	-25.9	170.7	321.6	0.0084	0.0051	0.0022							
8414	291.7	-183.2	-2599.6	-32.2	164.6	399.8	0.0084	0.0051	0.0022							
8415	276.0	-202.2	-2605.3	-37.5	157.2	476.8	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8416	256.3	-224.2	-2610.7	-41.8	148.7	552.7	0.0084	0.0051	0.0022							
8417	310.1	-160.1	-2812.2	-21.5	55.5	344.7	0.0084	0.0051	0.0038							
8418	300.4	-173.3	-2815.5	-25.6	50.6	428.9	0.0084	0.0051	0.0038							
8419	287.3	-188.4	-2816.4	-28.9	45.2	511.5	0.0084	0.0051	0.0038							
8420	270.3	-206.7	-2816.5	-31.1	39.5	592.8	0.0084	0.0051	0.0038							
8421	292.1	-161.5	-2857.9	-14.3	-148.2	353.4	0.0084	0.0051	0.0038							
8422	282.4	-175.0	-2859.5	-15.6	-149.5	438.3	0.0084	0.0051	0.0038							
8423	269.6	-190.5	-2858.6	-16.5	-150.1	521.5	0.0084	0.0051	0.0038							
8424	253.4	-209.1	-2856.6	-16.5	-149.9	602.8	0.0084	0.0051	0.0038							
8425	265.7	-163.9	-2881.3	12.9	-276.3	360.9	0.0084	0.0051	0.0038							
8426	256.4	-177.7	-2882.3	17.4	-274.7	446.2	0.0084	0.0051	0.0038							
8427	244.4	-193.2	-2880.8	22.1	-271.7	529.3	0.0084	0.0051	0.0038							
8428	229.0	-211.9	-2878.1	26.4	-267.0	610.6	0.0084	0.0051	0.0038							
8429	230.9	-167.1	-2882.6	20.4	-405.7	366.8	0.0084	0.0051	0.0038							
8430	221.9	-181.1	-2884.2	26.6	-400.8	452.1	0.0084	0.0051	0.0038							
8431	210.3	-197.1	-2883.7	32.7	-393.7	534.7	0.0084	0.0051	0.0038							
8432	196.3	-215.5	-2882.5	38.5	-383.8	615.1	0.0084	0.0051	0.0038							
8433	187.1	-171.5	-2862.0	28.9	-533.2	370.4	0.0084	0.0051	0.0038							
8434	179.3	-185.5	-2866.1	36.8	-524.9	455.1	0.0084	0.0051	0.0038							
8435	169.7	-201.2	-2868.3	44.0	-513.5	537.0	0.0084	0.0051	0.0038							
8436	157.9	-219.5	-2870.6	50.5	-499.2	616.2	0.0084	0.0051	0.0038							
8437	134.9	-177.2	-2820.7	37.8	-655.9	371.9	0.0084	0.0051	0.0038							
8438	128.9	-190.4	-2828.9	47.0	-644.8	455.2	0.0084	0.0051	0.0038							
8439	121.3	-205.8	-2836.0	55.4	-629.8	536.2	0.0084	0.0051	0.0038							
8440	111.5	-223.8	-2843.2	62.9	-611.0	614.0	0.0084	0.0051	0.0057							
8441	74.5	-183.7	-2760.7	46.5	-770.6	370.9	0.0084	0.0051	0.0057							
8442	70.6	-196.2	-2774.3	57.1	-756.9	452.4	0.0084	0.0051	0.0057							
8443	65.4	-211.2	-2787.7	66.8	-738.5	531.5	0.0084	0.0051	0.0057							
8444	59.1	-227.9	-2802.1	74.7	-715.2	607.5	0.0084	0.0051	0.0057							
8445	7.2	-190.9	-2685.4	54.4	-872.3	367.4	0.0084	0.0051	0.0057							
8446	5.8	-202.7	-2705.6	66.2	-856.7	446.3	0.0084	0.0051	0.0057							
8447	4.1	-216.5	-2727.0	76.5	-835.6	522.9	0.0084	0.0051	0.0057							
8448	1.9	-231.8	-2750.8	84.8	-809.2	596.6	0.0084	0.0051	0.0057							
8449	-63.5	-198.9	-2601.1	60.8	-956.1	361.2	0.0084	0.0051	0.0057							
8450	-62.1	-209.5	-2628.9	73.4	-939.4	436.8	0.0084	0.0051	0.0057							
8451	-60.5	-221.8	-2659.5	84.1	-916.7	510.3	0.0084	0.0051	0.0057							
8452	-58.7	-235.2	-2693.7	92.5	-888.2	581.1	0.0084	0.0051	0.0057							
8453	-132.9	-207.1	-2516.9	65.0	-1017.3	352.2	0.0084	0.0051	0.0022							
8454	-128.8	-216.1	-2552.7	77.6	-1000.4	423.6	0.0084	0.0051	0.0022							
8455	-123.5	-226.3	-2593.0	88.0	-977.3	493.3	0.0084	0.0051	0.0022							
8456	-117.5	-237.1	-2638.1	96.0	-948.1	560.6	0.0084	0.0051	0.0022							
8457	-193.5	-214.8	-2444.2	65.8	-1052.7	340.2	0.0084	0.0051	0.0022							
8458	-187.1	-221.7	-2487.7	77.5	-1036.6	406.8	0.0084	0.0051	0.0022							
8459	-179.0	-229.3	-2537.3	87.0	-1014.5	472.0	0.0084	0.0051	0.0022							
8460	-169.5	-237.1	-2592.8	94.1	-986.2	535.4	0.0084	0.0051	0.0022							
8461	-238.4	-221.2	-2395.0	62.3	-1060.4	325.3	0.0084	0.0051	0.0022							
8462	-230.6	-225.5	-2445.0	72.1	-1046.2	386.4	0.0084	0.0051	0.0022							
8463	-220.7	-230.0	-2502.1	80.0	-1026.2	446.5	0.0084	0.0051	0.0022							
8464	-209.1	-234.3	-2565.9	85.7	-1000.5	505.5	0.0084	0.0051	0.0022							
8465	-260.7	-225.1	-2379.2	54.1	-1038.8	307.2	0.0084	0.0051	0.0022							
8466	-253.1	-226.4	-2433.2	61.0	-1027.3	362.3	0.0084	0.0051	0.0022							
8467	-243.2	-227.4	-2494.9	66.5	-1010.8	416.9	0.0084	0.0051	0.0022							
8468	-231.6	-227.9	-2563.5	70.5	-989.1	470.8	0.0084	0.0051	0.0022							
8469	-257.7	-225.5	-2401.4	41.5	-986.1	285.9	0.0084	0.0051	0.0022							
8470	-251.9	-223.7	-2456.2	45.0	-978.6	334.5	0.0084	0.0051	0.0022							
8471	-244.4	-221.1	-2518.6	47.7	-967.1	383.1	0.0084	0.0051	0.0022							
8472	-235.3	-217.8	-2587.5	49.9	-951.1	431.8	0.0084	0.0051	0.0022							
8473	-230.4	-221.3	-2457.5	26.2	-901.9	261.5	0.0084	0.0051	0.0022							
8474	-228.2	-216.7	-2509.8	25.9	-899.7	303.4	0.0084	0.0051	0.0022							
8475	-225.1	-210.8	-2568.7	25.9	-895.0	346.1	0.0084	0.0051	0.0022							
8476	-220.7	-204.2	-2633.1	26.2	-887.1	389.2	0.0084	0.0051	0.0022							
8477	-188.8	-213.1	-2536.0	-39.7	-790.9	235.4	0.0089	0.0150	0.0127	10.34	6.14	7.26	0.00	-0.33	-2.89	0.0
8478	-190.9	-206.2	-2582.7	-41.4	-795.3	270.5	0.0093	0.0147	0.0127	10.63	6.70	7.74	0.00	-0.33	-2.94	0.0
8479	-193.0	-198.1	-2634.7	-41.5	-798.4	307.2	0.0097	0.0143	0.0127	10.75	7.28	8.17	0.00	-0.33	-3.01	0.0
8480	-195.0	-189.2	-2690.5	-39.8	-800.1	345.8	0.0101	0.0138	0.0127	10.74	7.90	8.57	0.00	-0.33	-3.07	0.0
8481	288.6	-168.3	-2650.1	-18.2	53.9	329.8	0.0084	0.0051	0.0022							
8482	277.0	-184.2	-2655.4	-21.8	50.0	409.2	0.0084	0.0051	0.0022							
8483	261.8	-203.4	-2658.6	-24.8	45.6	487.0	0.0084	0.0051	0.0022							
8484	242.9	-225.8	-2661.1	-26.9	40.8	563.4	0.0084	0.0051	0.0022							
8485	266.9	-170.4	-2690.1	10.6	-137.8	337.3	0.0084	0.0051	0.0022							
8486	255.8	-186.5	-2694.2	14.2	-138.3	417.5	0.0084	0.0051	0.0022							
8487	241.2	-205.9	-2696.0	17.7	-138.3	495.8	0.0084	0.0051	0.0022							
8488	223.1	-228.4	-2697.0	21.1	-137.5	572.4	0.0084	0.0051	0.0022							
8489	237.7	-173.7	-2711.0	17.4	-257.7	343.8	0.0084	0.0051	0.0022							
8490	226.9	-190.0	-2714.9	22.7	-255.5	424.3	0.0084	0.0051	0.0022							
8491	213.1	-209.5	-2716.5	27.8	-251.9	502.7	0.0084	0.0051	0.0022							
8492	196.1	-232.0	-2717.6	32.6	-246.8	579.2	0.0084	0.0051	0.0022							
8493	200.1	-178.5	-2712.6	25.2	-378.4	348.9	0.0084	0.0051	0.0022							
8494	190.2	-194.7	-2717.5	32.2	-373.3	429.2	0.0084	0.0051	0.0022							
8495	177.5	-214.1	-2720.5	38.8	-366.1	507.4	0.0084	0.0051	0.0022							
8496	162.0	-236.4	-2723.2	44.8	-356.7	583.5	0.0084	0.0051	0.0022							
8497	154.1	-184.6	-2695.4	33.8	-496.9	352.2	0.0084	0.0051	0.0022							
8498	145.4	-200.6	-2702.6	42.4	-489.1	432.0	0.0084	0.0051	0.0022							
8499	134.2	-219.8	-2708.6	50.3	-478.4	509.6	0.0084	0.0051	0.0022							
8500	120.7	-241.6	-2714.7	57.4	-464.9	585.0	0.0084	0.0051	0.0022							
8501	99.7	-192.2	-2660.8	42.8	-610.4	353.8	0.0084	0.0051	0.0022							
8502	92.5	-207.8	-2671.8	52.9	-600.2	432.5	0.0084	0.0051	0.0022							
8503	83.5	-226.3	-2682.2	62.0	-586.5	509.1	0.0084	0.0051	0.0057							
8504	72.6	-247.4	-2693.6	69.9	-569.3	583.6	0.0084	0.0051	0.0057							
8505	37.4	-201.2	-2611.3	51.6	-716.1	353.6	0.0084	0.0051	0.0057							
8506	32.3	-216.1	-2627.3	63.1	-704.0	430.7	0.0084	0.0051	0.0057							
8507	26.0	-233.7	-2643.8	73.2	-687.7	505.9	0.0084	0.0051	0.0057							
8508	18.2	-253.7	-2662.1	81.7	-667.5	579.2	0.0084	0.0051	0.0057							
8509	-31.0	-211.5	-2551.0	59.6	-810.8	351.5	0.0084	0.0051	0.0057							
8510	-33.7	-225.4	-2573.1	72.2	-797.4	426.5	0.0084	0.0051	0.0057							
8511	-36.9	-241.7	-2597.1	83.0	-779.3	500.0	0.0084	0.0051	0.0057							
8512	-40.9	-260.1	-2624.0	91.8	-756.7	571.7	0.0084	0.0051	0.0057							
8513	-102.5	-222.8	-2486.5	66.1	-891.3	347.6	0.0084	0.0051	0.0057							
8514	-102.4	-235.3	-2515.5	79.2	-877.4	420.1	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8515	-102.2	-250.0	-2548.0	90.3	-858.4	491.3	0.0084	0.0051	0.0057							
8516	-102.0	-266.1	-2584.6	99.0	-834.5	561.1	0.0084	0.0051	0.0057							
8517	-172.1	-234.7	-2426.3	70.3	-955.2	342.0	0.0084	0.0051	0.0022							
8518	-169.3	-245.5	-2462.8	83.2	-941.5	411.5	0.0084	0.0051	0.0022							
8519	-165.6	-257.9	-2504.1	94.0	-922.5	480.2	0.0084	0.0051	0.0022							
8520	-161.3	-271.3	-2550.8	102.1	-898.4	547.8	0.0084	0.0051	0.0022							
8521	-233.5	-246.7	-2381.4	71.0	-1000.9	334.9	0.0084	0.0051	0.0022							
8522	-228.3	-255.2	-2424.9	82.8	-988.0	401.0	0.0084	0.0051	0.0022							
8523	-221.5	-264.8	-2474.8	92.5	-969.9	466.7	0.0084	0.0051	0.0022							
8524	-213.4	-274.9	-2531.0	99.5	-946.6	531.8	0.0084	0.0051	0.0022							
8525	-279.1	-257.7	-2363.3	67.1	-1027.2	326.2	0.0084	0.0051	0.0022							
8526	-272.1	-263.4	-2412.9	76.8	-1015.6	388.6	0.0084	0.0051	0.0022							
8527	-263.1	-269.5	-2469.8	84.4	-999.0	450.9	0.0084	0.0051	0.0022							
8528	-252.4	-275.6	-2533.7	89.6	-977.3	512.8	0.0084	0.0051	0.0022							
8529	-300.4	-266.4	-2383.3	57.7	-1031.2	315.4	0.0084	0.0051	0.0022							
8530	-292.9	-268.7	-2436.7	64.1	-1021.2	373.6	0.0084	0.0051	0.0022							
8531	-283.3	-270.7	-2497.8	68.8	-1006.4	431.7	0.0084	0.0051	0.0022							
8532	-271.8	-272.3	-2565.8	71.6	-986.6	489.7	0.0084	0.0051	0.0022							
8533	-289.8	-270.4	-2444.9	42.3	-1003.9	300.6	0.0084	0.0051	0.0022							
8534	-283.9	-268.9	-2498.6	44.5	-995.9	353.6	0.0084	0.0051	0.0022							
8535	-276.1	-266.6	-2559.4	45.7	-983.6	406.5	0.0084	0.0051	0.0022							
8536	-266.7	-263.4	-2626.5	45.9	-966.7	459.4	0.0084	0.0051	0.0022							
8537	-253.9	-269.2	-2541.2	-26.7	-938.1	280.4	0.0084	0.0051	0.0022							
8538	-251.8	-264.5	-2591.3	-26.6	-933.6	327.2	0.0084	0.0051	0.0022							
8539	-248.7	-258.4	-2647.3	-25.9	-926.1	374.3	0.0084	0.0051	0.0022							
8540	-244.7	-251.3	-2708.3	-24.8	-914.9	421.2	0.0084	0.0051	0.0022							
8541	-196.3	-260.5	-2647.5	-47.9	-829.6	254.2	0.0089	0.0150	0.0127	11.26	6.67	7.89	0.00	-0.38	-3.02	0.0
8542	-198.5	-253.3	-2691.9	-51.8	-830.9	293.6	0.0092	0.0147	0.0127	11.57	7.26	8.40	0.00	-0.39	-3.08	0.0
8543	-200.9	-244.5	-2741.0	-54.2	-830.2	334.1	0.0096	0.0143	0.0127	11.70	7.88	8.87	0.00	-0.39	-3.13	0.0
8544	-203.3	-234.8	-2793.4	-55.2	-827.7	375.7	0.0101	0.0138	0.0127	11.71	8.54	9.30	0.00	-0.39	-3.20	0.0
8545	1322.4	199.3	-891.0	-280.1	791.1	347.0	0.0463	0.0223	0.0244	34.46	71.51	65.29	0.00	-1.30	-2.86	0.0
8546	1214.2	267.9	-1033.6	-358.9	781.1	291.5	0.0466	0.0220	0.0244	32.46	68.85	61.94	0.00	-1.21	-2.88	0.0
8547	916.7	5.7	-1409.1	-167.3	632.7	344.7	0.0441	0.0051	0.0140							
8548	779.7	-42.9	-1498.8	-238.7	633.8	369.3	0.0441	0.0051	0.0140							
8549	657.8	-131.0	-1550.7	-176.1	651.5	383.7	0.0441	0.0051	0.0140							
8550	550.8	-143.1	-1618.5	-220.4	651.7	411.0	0.0084	0.0051	0.0140							
8551	495.3	-175.9	-1649.3	-183.6	679.9	415.5	0.0084	0.0051	0.0140							
8552	418.8	-177.8	-1710.2	-206.6	675.6	445.0	0.0084	0.0051	0.0140							
8553	396.7	-196.0	-1741.8	-180.8	699.1	443.3	0.0084	0.0051	0.0140							
8554	342.4	-198.3	-1796.5	-194.4	692.2	474.0	0.0084	0.0051	0.0140							
8555	337.5	-207.5	-1835.9	-173.7	707.1	468.0	0.0084	0.0051	0.0140							
8556	296.9	-211.3	-1884.3	-183.2	698.1	500.3	0.0084	0.0051	0.0140							
8557	302.5	-214.2	-1932.9	-164.2	702.6	490.3	0.0084	0.0051	0.0022							
8558	270.5	-219.5	-1975.1	-171.6	692.2	524.3	0.0084	0.0051	0.0022							
8559	282.1	-218.0	-2032.8	-153.0	685.3	510.8	0.0084	0.0051	0.0057							
8560	256.0	-224.7	-2069.3	-159.3	673.9	546.3	0.0084	0.0051	0.0057							
8561	271.0	-219.6	-2134.0	-140.9	655.3	529.5	0.0084	0.0051	0.0057							
8562	249.0	-227.4	-2165.2	-146.5	643.3	566.5	0.0084	0.0051	0.0057							
8563	264.7	-220.1	-2234.7	-128.4	613.9	547.1	0.0084	0.0051	0.0057							
8564	245.5	-229.0	-2261.2	-133.4	601.8	585.5	0.0084	0.0051	0.0057							
8565	261.7	-220.2	-2334.2	-115.7	562.8	564.0	0.0084	0.0051	0.0057							
8566	245.2	-229.6	-2356.2	-120.4	550.5	603.7	0.0084	0.0051	0.0057							
8567	262.4	-219.6	-2431.1	-103.1	500.9	580.7	0.0084	0.0051	0.0038							
8568	247.2	-230.0	-2448.8	-106.9	488.8	621.3	0.0084	0.0051	0.0038							
8569	262.7	-220.0	-2524.3	-90.1	429.2	597.2	0.0084	0.0051	0.0038							
8570	248.8	-230.8	-2538.0	-93.2	417.7	638.2	0.0084	0.0051	0.0038							
8571	265.8	-219.9	-2612.6	-76.5	346.9	613.2	0.0084	0.0051	0.0038							
8572	252.8	-231.0	-2622.4	-79.7	336.4	654.9	0.0084	0.0051	0.0038							
8573	267.0	-219.8	-2693.2	-62.6	252.5	628.6	0.0084	0.0051	0.0038							
8574	253.8	-232.0	-2699.2	-64.4	243.6	670.7	0.0084	0.0051	0.0038							
8575	263.7	-221.1	-2761.8	-47.7	147.5	642.7	0.0084	0.0051	0.0038							
8576	250.9	-233.6	-2764.6	-48.8	141.3	684.9	0.0084	0.0051	0.0038							
8577	1476.0	188.5	-891.2	-166.8	637.8	302.9	0.0462	0.0224	0.0244	35.52	73.42	67.21	0.00	-1.37	-2.78	0.0
8578	1445.5	256.2	-1012.4	-328.7	674.1	233.6	0.0466	0.0220	0.0244	35.81	75.62	68.24	0.00	-1.40	-2.92	0.0
8579	1063.0	1.3	-1324.9	-143.2	555.2	365.8	0.0441	0.0140	0.0140							
8580	935.6	-60.8	-1434.3	-249.8	565.4	384.8	0.0441	0.0051	0.0140							
8581	771.5	-159.4	-1541.9	-172.3	563.0	400.3	0.0441	0.0051	0.0140							
8582	657.9	-177.5	-1619.8	-235.0	579.8	423.3	0.0441	0.0051	0.0140							
8583	574.6	-208.5	-1647.8	-190.9	609.0	425.4	0.0084	0.0051	0.0140							
8584	489.3	-211.7	-1711.4	-222.9	618.9	455.8	0.0084	0.0051	0.0140							
8585	449.6	-227.8	-1730.7	-191.9	640.5	446.5	0.0084	0.0051	0.0140							
8586	388.3	-231.4	-1785.6	-209.7	643.6	478.8	0.0084	0.0051	0.0140							
8587	372.2	-238.1	-1809.5	-185.2	654.7	464.2	0.0084	0.0051	0.0140							
8588	326.3	-243.5	-1857.4	-197.0	653.0	498.1	0.0084	0.0051	0.0140							
8589	324.5	-243.6	-1890.2	-174.9	654.3	480.5	0.0084	0.0051	0.0022							
8590	288.4	-250.8	-1931.8	-183.7	649.4	515.6	0.0084	0.0051	0.0022							
8591	295.1	-245.9	-1974.5	-162.5	640.8	495.9	0.0084	0.0051	0.0057							
8592	265.7	-254.7	-2010.4	-169.7	633.7	532.0	0.0084	0.0051	0.0022							
8593	277.2	-246.4	-2061.7	-148.9	615.2	511.0	0.0084	0.0051	0.0057							
8594	252.3	-256.5	-2092.5	-155.0	606.5	548.1	0.0084	0.0051	0.0057							
8595	266.3	-245.8	-2150.3	-134.6	578.4	525.9	0.0084	0.0051	0.0057							
8596	244.8	-256.9	-2176.3	-140.0	568.7	563.8	0.0084	0.0051	0.0057							
8597	259.8	-244.7	-2238.6	-120.1	531.0	540.7	0.0084	0.0051	0.0057							
8598	240.7	-256.7	-2260.1	-124.8	520.7	579.4	0.0084	0.0051	0.0057							
8599	255.7	-243.6	-2324.9	-105.4	473.4	555.6	0.0084	0.0051	0.0022							
8600	238.5	-256.3	-2342.3	-109.5	463.0	594.8	0.0084	0.0051	0.0022							
8601	253.3	-242.7	-2407.7	-90.6	405.5	570.3	0.0084	0.0051	0.0022							
8602	237.3	-256.0	-2421.4	-94.0	395.5	610.1	0.0084	0.0051	0.0022							
8603	250.6	-242.3	-2485.3	-75.5	327.3	584.7	0.0084	0.0051	0.0022							
8604	235.5	-256.1	-2495.4	-78.1	318.2	624.9	0.0084	0.0051	0.0022							
8605	246.4	-242.6	-2555.3	-60.0	239.0	598.4	0.0084	0.0051	0.0022							
8606	231.9	-256.7	-2562.3	-62.0	231.4	638.9	0.0084	0.0051	0.0022							
8607	238.7	-243.5	-2615.5	-44.2	141.6	610.9	0.0084	0.0051	0.0022							
8608	224.6	-258.0	-2619.9	-45.3	136.2	651.6	0.0084	0.0051	0.0022							
8609	254.8	-222.8	-2816.2	-32.1	-39.1	654.9	0.0084	0.0051	0.0038							
8610	242.3	-235.5	-2816.9	-32.4	-41.1	697.1	0.0084	0.0051	0.0038							
8611	239.0	-224.9	-2854.8	18.1	-149.2	664.7	0.0084	0.0051	0.0038							
8612	226.9	-237.7	-2854.4	19.6	-147.8	706.9	0.0084	0.0051	0.0038							
8613	215.0	-228.4	-2876.1	29.7	-262.1	671.7	0.0084	0.0051	0.0038							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8614	204.2	-240.4	-2875.7	32.3	-257.5	713.6	0.0084	0.0051	0.0038							
8615	183.5	-231.9	-2881.8	42.3	-374.6	675.7	0.0084	0.0051	0.0038							
8616	173.6	-243.9	-2882.6	44.5	-366.7	717.0	0.0084	0.0051	0.0038							
8617	147.5	-234.9	-2873.0	55.1	-485.7	676.0	0.0084	0.0051	0.0038							
8618	138.8	-246.6	-2875.9	57.6	-474.5	717.1	0.0084	0.0051	0.0057							
8619	102.9	-238.7	-2850.1	67.6	-593.7	672.5	0.0084	0.0051	0.0057							
8620	96.5	-249.6	-2856.7	70.5	-579.2	712.9	0.0084	0.0051	0.0057							
8621	53.6	-241.8	-2815.1	79.6	-694.2	664.7	0.0084	0.0051	0.0057							
8622	49.1	-252.1	-2826.5	82.3	-676.9	704.0	0.0084	0.0051	0.0057							
8623	-0.3	-244.5	-2771.5	89.9	-785.1	652.2	0.0084	0.0051	0.0057							
8624	-2.1	-253.4	-2788.6	92.4	-765.3	690.5	0.0084	0.0051	0.0057							
8625	-57.2	-246.0	-2723.2	97.3	-862.1	634.6	0.0084	0.0051	0.0057							
8626	-56.1	-253.6	-2747.0	99.6	-840.7	671.6	0.0084	0.0051	0.0022							
8627	-112.4	-245.7	-2676.9	100.4	-921.3	611.8	0.0084	0.0051	0.0022							
8628	-108.3	-251.4	-2707.6	102.3	-899.2	647.4	0.0084	0.0051	0.0022							
8629	-161.3	-243.0	-2640.1	97.9	-960.2	583.7	0.0084	0.0051	0.0022							
8630	-155.0	-246.7	-2677.2	99.5	-938.4	617.7	0.0084	0.0051	0.0022							
8631	-199.1	-237.4	-2619.8	88.7	-976.6	550.8	0.0084	0.0051	0.0022							
8632	-191.3	-239.0	-2661.7	90.0	-956.7	582.9	0.0084	0.0051	0.0022							
8633	-221.4	-228.0	-2621.2	72.7	-968.7	512.9	0.0084	0.0051	0.0022							
8634	-213.5	-227.6	-2665.6	73.7	-951.5	543.2	0.0084	0.0051	0.0022							
8635	-227.1	-215.0	-2645.2	51.3	-935.7	470.1	0.0084	0.0051	0.0022							
8636	-220.9	-212.8	-2689.5	52.3	-922.3	498.3	0.0084	0.0051	0.0022							
8637	-216.5	-198.9	-2687.0	26.8	-878.4	423.5	0.0084	0.0051	0.0022							
8638	-212.8	-195.1	-2728.5	27.9	-870.1	449.6	0.0084	0.0051	0.0022							
8639	-196.1	-181.6	-2736.5	-37.5	-799.9	374.9	0.0106	0.0134	0.0127	10.61	8.37	8.81	0.00	-0.33	-3.12	0.0
8640	-196.1	-176.5	-2772.7	-35.2	-797.0	397.3	0.0109	0.0130	0.0127	10.41	8.69	8.92	0.00	-0.32	-3.16	0.0
8641	225.8	-245.4	-2663.6	-27.8	37.0	621.9	0.0084	0.0051	0.0022							
8642	212.2	-260.0	-2666.3	-28.2	-35.0	662.7	0.0084	0.0051	0.0022							
8643	206.8	-248.1	-2698.2	23.6	-136.3	630.9	0.0084	0.0051	0.0022							
8644	193.8	-262.7	-2700.2	25.2	-134.9	671.6	0.0084	0.0051	0.0022							
8645	180.9	-251.5	-2719.0	36.0	-241.8	637.5	0.0084	0.0051	0.0022							
8646	168.8	-266.1	-2721.1	38.1	-237.5	678.1	0.0084	0.0051	0.0022							
8647	148.2	-255.6	-2726.2	48.9	-348.0	641.4	0.0084	0.0051	0.0022							
8648	137.3	-269.9	-2729.6	51.5	-340.7	681.8	0.0084	0.0051	0.0022							
8649	108.6	-260.3	-2720.7	62.1	-452.6	642.5	0.0084	0.0051	0.0022							
8650	99.2	-274.2	-2726.5	64.9	-442.5	682.5	0.0084	0.0051	0.0057							
8651	62.9	-265.3	-2704.1	75.0	-553.7	640.4	0.0084	0.0051	0.0057							
8652	55.3	-278.6	-2713.4	77.9	-540.9	680.1	0.0084	0.0051	0.0057							
8653	11.3	-270.5	-2678.6	87.0	-649.1	635.2	0.0084	0.0051	0.0057							
8654	6.0	-282.7	-2692.6	89.8	-634.0	674.4	0.0084	0.0051	0.0057							
8655	-44.4	-275.4	-2647.7	97.1	-736.2	626.7	0.0084	0.0051	0.0057							
8656	-47.2	-286.4	-2667.3	99.7	-719.4	665.4	0.0084	0.0051	0.0057							
8657	-101.9	-279.5	-2616.4	104.0	-812.7	615.0	0.0084	0.0051	0.0022							
8658	-101.8	-289.0	-2642.2	106.4	-794.8	653.1	0.0084	0.0051	0.0022							
8659	-157.5	-282.2	-2591.1	106.5	-876.2	600.3	0.0084	0.0051	0.0022							
8660	-154.6	-289.7	-2623.3	108.3	-857.9	637.6	0.0084	0.0051	0.0022							
8661	-206.5	-282.7	-2579.2	103.0	-925.0	582.4	0.0084	0.0051	0.0022							
8662	-201.0	-287.9	-2617.2	104.2	-906.8	618.6	0.0084	0.0051	0.0022							
8663	-243.1	-280.2	-2587.9	91.9	-956.9	561.3	0.0084	0.0051	0.0022							
8664	-236.0	-282.9	-2630.2	92.6	-939.6	595.9	0.0084	0.0051	0.0022							
8665	-261.8	-273.1	-2623.1	72.5	-967.8	535.2	0.0084	0.0051	0.0022							
8666	-254.0	-273.3	-2667.4	72.5	-951.8	568.1	0.0084	0.0051	0.0022							
8667	-258.5	-260.5	-2682.7	45.5	-950.4	500.9	0.0084	0.0051	0.0022							
8668	-252.0	-258.0	-2725.7	44.9	-936.0	531.2	0.0084	0.0051	0.0022							
8669	-240.7	-245.6	-2759.1	-23.6	-903.2	458.1	0.0084	0.0051	0.0022							
8670	-237.7	-241.3	-2798.1	-22.0	-892.7	486.1	0.0084	0.0051	0.0022							
8671	-204.9	-226.1	-2836.6	-55.0	-823.7	406.4	0.0105	0.0134	0.0127	11.57	9.04	9.56	0.00	-0.39	-3.24	0.0
8672	-205.3	-220.1	-2870.8	-54.5	-817.6	429.8	0.0108	0.0131	0.0127	11.37	9.38	9.67	0.00	-0.39	-3.28	0.0
8673	276.5	-245.2	-1905.2	-206.9	648.4	533.3	0.0084	0.0051	0.0140							
8674	323.7	-229.4	-1841.4	-221.8	642.0	511.0	0.0084	0.0051	0.0140							
8675	397.4	-206.7	-1774.5	-241.0	623.6	485.2	0.0084	0.0051	0.0140							
8676	215.6	-238.4	-1959.6	-211.3	639.9	568.7	0.0084	0.0051	0.0140							
8677	249.9	-217.5	-1902.6	-224.8	634.7	541.6	0.0084	0.0051	0.0140							
8678	298.3	-188.9	-1840.1	-244.7	621.8	511.3	0.0084	0.0051	0.0140							
8679	147.0	-220.3	-2031.1	-198.6	625.9	597.3	0.0084	0.0051	0.0140							
8680	170.1	-198.7	-1975.5	-210.1	622.1	567.1	0.0084	0.0051	0.0140							
8681	202.7	-167.5	-1912.7	-223.7	613.6	534.9	0.0128	0.0111	0.0244	29.74	34.47	15.64	0.00	-0.40	-2.62	0.0
8682	194.7	-284.5	-2633.1	-46.6	128.3	725.1	0.0084	0.0051	0.0022							
8683	201.8	-282.2	-2576.6	-65.4	223.7	710.4	0.0084	0.0051	0.0022							
8684	204.9	-280.3	-2511.1	-83.4	310.7	693.7	0.0084	0.0051	0.0022							
8685	205.9	-278.6	-2439.1	-100.7	388.2	675.8	0.0084	0.0051	0.0022							
8686	206.1	-276.8	-2362.6	-117.4	456.0	656.9	0.0084	0.0051	0.0057							
8687	206.8	-274.9	-2283.5	-133.5	513.9	637.5	0.0084	0.0051	0.0057							
8688	209.3	-272.5	-2203.4	-149.2	561.9	617.6	0.0084	0.0051	0.0057							
8689	215.0	-268.9	-2124.0	-164.4	599.8	597.3	0.0084	0.0051	0.0057							
8690	225.9	-263.7	-2046.8	-179.0	627.1	576.5	0.0084	0.0051	0.0022							
8691	245.4	-256.0	-1973.0	-193.1	643.5	555.0	0.0084	0.0051	0.0022							
8692	146.8	-322.7	-2662.1	-46.3	118.9	827.1	0.0084	0.0051	0.0057							
8693	153.6	-318.8	-2605.4	-67.8	216.2	809.4	0.0084	0.0051	0.0057							
8694	156.2	-314.3	-2540.5	-88.1	304.9	788.5	0.0084	0.0051	0.0057							
8695	156.4	-309.4	-2469.7	-107.1	383.7	765.2	0.0084	0.0051	0.0057							
8696	155.6	-303.8	-2395.0	-124.8	452.2	740.1	0.0084	0.0051	0.0057							
8697	155.2	-297.4	-2318.5	-141.4	510.3	713.7	0.0084	0.0051	0.0057							
8698	156.4	-289.9	-2241.9	-156.8	557.9	686.1	0.0084	0.0051	0.0057							
8699	161.0	-280.6	-2166.4	-171.1	594.8	657.6	0.0084	0.0051	0.0022							
8700	170.9	-269.3	-2093.2	-184.8	620.9	628.1	0.0084	0.0051	0.0022							
8701	189.1	-254.9	-2022.3	-198.1	636.1	597.5	0.0084	0.0051	0.0140							
8702	91.8	-350.6	-2722.5	-42.7	109.1	923.9	0.0158	0.0051	0.0057							
8703	98.5	-345.1	-2666.0	-65.3	206.3	904.0	0.0158	0.0051	0.0057							
8704	101.0	-338.0	-2602.3	-86.4	295.1	879.2	0.0158	0.0051	0.0057							
8705	100.9	-329.4	-2533.3	-105.6	374.2	850.7	0.0158	0.0051	0.0057							
8706	99.8	-319.4	-2460.9	-122.9	442.8	819.1	0.0158	0.0051	0.0057							
8707	99.0	-307.9	-2387.0	-138.3	500.6	785.2	0.0158	0.0051	0.0057							
8708	99.8	-294.7	-2313.0	-151.9	547.4	749.3	0.0158	0.0051	0.0022							
8709	103.5	-279.6	-2239.6	-164.0	583.2	711.9	0.0158	0.0051	0.0022							
8710	111.9	-262.0	-2167.2	-175.1	608.0	673.1	0.0158	0.0051	0.0022							
8711	126.6	-241.2	-2094.8	-186.7	622.0	632.9	0.0084	0.0051	0.0140							
8712	33.5	-349.2	-2831.2	-36.0	99.1	1003.1	0.0158	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8713	40.2	-342.8	-2774.6	-56.9	193.2	981.5	0.0158	0.0051	0.0022							
8714	43.4	-333.6	-2711.5	-76.2	279.8	953.2	0.0158	0.0051	0.0022							
8715	44.3	-322.2	-2643.3	-93.3	357.2	919.5	0.0158	0.0051	0.0022							
8716	44.2	-308.7	-2571.6	-108.2	424.3	881.3	0.0158	0.0051	0.0057							
8717	44.4	-293.5	-2497.7	-120.9	480.6	839.7	0.0158	0.0051	0.0022							
8718	46.0	-276.7	-2422.4	-131.5	525.8	795.5	0.0158	0.0051	0.0022							
8719	49.9	-258.1	-2346.1	-140.4	559.9	749.4	0.0158	0.0051	0.0022							
8720	57.0	-237.5	-2268.4	-148.5	583.1	701.9	0.0158	0.0051	0.0022							
8721	68.1	-213.4	-2187.4	-156.9	596.1	653.7	0.0158	0.0051	0.0022							
8722	-23.0	-307.6	-2990.5	-26.7	89.1	1035.5	0.0158	0.0051	0.0022							
8723	-16.0	-301.4	-2933.3	-42.9	175.2	1013.3	0.0158	0.0051	0.0022							
8724	-11.6	-292.2	-2869.2	-57.9	255.5	983.1	0.0158	0.0051	0.0022							
8725	-8.8	-280.6	-2799.2	-71.1	328.0	946.1	0.0158	0.0051	0.0022							
8726	-6.7	-267.3	-2724.4	-82.4	391.3	903.9	0.0158	0.0051	0.0022							
8727	-4.5	-252.6	-2645.6	-91.9	444.6	857.6	0.0158	0.0051	0.0022							
8728	-1.6	-236.8	-2563.3	-99.7	487.5	808.6	0.0158	0.0051	0.0022							
8729	2.7	-220.1	-2477.9	-106.4	520.2	758.2	0.0158	0.0051	0.0022							
8730	8.8	-202.0	-2388.6	-112.5	543.1	707.2	0.0158	0.0051	0.0022							
8731	16.8	-181.7	-2293.7	-118.7	557.2	656.7	0.0158	0.0051	0.0022							
8732	-70.4	-236.6	-3157.8	-17.2	79.4	983.5	0.0262	0.0051	0.0127	2.44	12.62	5.04	0.00	-0.13	-3.52	0.0
8733	-63.4	-231.0	-3100.4	-27.2	150.8	962.7	0.0261	0.0052	0.0127	2.47	12.49	5.09	0.00	-0.12	-3.47	0.0
8734	-57.8	-223.2	-3034.8	-36.8	219.4	934.2	0.0259	0.0054	0.0127	2.55	12.31	5.20	0.00	-0.12	-3.40	0.0
8735	-53.2	-213.8	-2961.8	-45.5	283.0	899.5	0.0257	0.0057	0.0127	2.68	12.15	5.41	0.00	-0.11	-3.32	0.0
8736	-49.1	-203.1	-2882.0	-53.0	339.7	859.9	0.0253	0.0060	0.0127	2.87	12.03	5.71	0.00	-0.11	-3.24	0.0
8737	-45.1	-191.8	-2796.4	-59.3	388.5	816.9	0.0248	0.0065	0.0127	3.12	11.97	6.10	0.00	-0.11	-3.16	0.0
8738	-40.9	-180.1	-2705.3	-64.6	429.0	771.7	0.0243	0.0070	0.0127	3.44	11.94	6.58	0.00	-0.11	-3.07	0.0
8739	-36.0	-168.0	-2609.2	-69.1	461.4	725.6	0.0237	0.0076	0.0127	3.81	11.94	7.12	0.00	-0.11	-2.97	0.0
8740	-30.2	-155.2	-2507.4	-73.3	486.1	679.5	0.0231	0.0082	0.0127	4.24	11.98	7.72	0.00	-0.11	-2.87	0.0
8741	-22.9	-141.1	-2398.6	-77.3	503.8	634.1	0.0225	0.0088	0.0127	4.77	12.11	8.43	0.00	-0.11	-2.77	0.0
8742	821.2	280.7	-1287.2	-559.6	629.2	305.5	0.0470	0.0216	0.0244	26.23	57.11	50.47	0.00	-1.08	-2.81	0.0
8743	91.8	49.1	-1639.8	-206.6	586.4	416.5	0.0476	0.0121	0.0244	6.46	25.48	12.58	0.00	-0.19	-2.23	0.0
8744	43.1	-39.4	-1836.4	-126.4	553.3	468.7	0.0482	0.0114	0.0244	4.02	16.95	7.94	0.00	-0.12	-2.30	0.0
8745	637.4	-96.4	-1573.1	-340.9	581.0	400.8	0.0441	0.0051	0.0140							
8746	305.6	-51.8	-1718.4	-294.5	587.6	445.8	0.0441	0.0051	0.0140							
8747	110.8	-78.5	-1861.6	-197.4	580.6	491.7	0.0084	0.0051	0.0140							
8748	502.9	-166.5	-1697.3	-273.5	595.3	451.4	0.0084	0.0051	0.0140							
8749	335.7	-142.4	-1781.3	-268.5	602.4	480.2	0.0084	0.0051	0.0140							
8750	193.6	-126.1	-1872.8	-230.7	598.4	508.7	0.0126	0.0113	0.0244	29.82	33.26	15.40	0.00	-0.38	-2.56	0.0
8751	-14.8	-124.6	-2281.6	-82.1	516.3	591.5	0.0218	0.0095	0.0127	5.39	12.37	9.25	0.00	-0.12	-2.66	0.0
8752	26.4	-159.9	-2197.0	-126.3	564.8	611.8	0.0158	0.0051	0.0022							
8753	81.7	-188.9	-2111.6	-165.5	600.1	612.2	0.0158	0.0051	0.0022							
8754	-4.9	-106.5	-2153.2	-89.4	526.4	550.6	0.0212	0.0102	0.0127	6.14	12.81	10.23	0.00	-0.11	-2.54	0.0
8755	40.1	-138.0	-2097.4	-137.5	568.9	571.4	0.0158	0.0051	0.0022							
8756	100.4	-166.1	-2040.4	-176.2	599.6	577.1	0.0158	0.0051	0.0022							
8757	6.4	-81.7	-2006.9	-101.5	535.9	509.6	0.0205	0.0108	0.0127	7.11	13.50	11.47	0.00	-0.11	-2.41	0.0
8758	60.0	-109.2	-1985.7	-155.2	571.2	530.8	0.0158	0.0051	0.0022							
8759	123.8	-143.0	-1962.1	-194.6	596.4	540.7	0.0130	0.0109	0.0244	22.26	26.69	11.89	0.00	-0.29	-2.56	0.0
8760	252.7	-211.6	-1926.8	-190.7	684.6	530.4	0.0084	0.0051	0.0140							
8761	286.0	-196.1	-1847.7	-202.9	679.5	501.7	0.0084	0.0051	0.0140							
8762	340.0	-173.9	-1768.5	-218.5	665.5	471.3	0.0084	0.0051	0.0140							
8763	198.6	-204.3	-1968.9	-193.7	664.5	555.7	0.0084	0.0051	0.0140							
8764	222.3	-185.4	-1898.9	-204.3	659.6	524.4	0.0084	0.0051	0.0140							
8765	257.3	-159.6	-1826.2	-219.9	649.1	492.2	0.0084	0.0051	0.0140							
8766	138.4	-188.2	-2024.4	-183.5	638.7	573.1	0.0084	0.0051	0.0140							
8767	154.0	-169.6	-1959.4	-192.5	635.4	541.6	0.0084	0.0051	0.0140							
8768	177.5	-142.9	-1890.1	-202.9	628.9	509.9	0.0129	0.0110	0.0244	28.06	32.93	14.83	0.00	-0.37	-2.57	0.0
8769	224.4	-254.7	-2773.4	-49.9	132.3	758.8	0.0084	0.0051	0.0038							
8770	226.9	-252.5	-2709.2	-67.3	234.3	742.5	0.0084	0.0051	0.0038							
8771	225.6	-250.2	-2634.5	-84.1	326.8	723.8	0.0084	0.0051	0.0038							
8772	221.9	-248.1	-2552.4	-99.5	408.6	703.3	0.0084	0.0051	0.0038							
8773	218.3	-246.1	-2465.4	-113.9	479.8	682.2	0.0084	0.0051	0.0057							
8774	215.3	-243.6	-2375.4	-128.1	540.8	659.9	0.0084	0.0051	0.0057							
8775	214.1	-240.5	-2283.8	-141.5	591.6	636.6	0.0084	0.0051	0.0057							
8776	215.3	-236.4	-2191.7	-154.7	632.1	612.2	0.0084	0.0051	0.0057							
8777	220.3	-230.6	-2100.2	-167.3	661.5	586.2	0.0084	0.0051	0.0022							
8778	231.9	-222.5	-2010.8	-179.2	679.0	558.7	0.0084	0.0051	0.0022							
8779	181.9	-284.7	-2792.9	-48.8	121.2	855.8	0.0084	0.0051	0.0057							
8780	184.6	-280.7	-2729.0	-69.1	224.7	836.2	0.0084	0.0051	0.0057							
8781	182.7	-276.4	-2655.2	-87.7	318.2	812.9	0.0084	0.0051	0.0057							
8782	178.8	-271.4	-2574.3	-104.8	400.9	786.6	0.0084	0.0051	0.0057							
8783	174.0	-265.9	-2488.6	-120.4	472.3	758.0	0.0084	0.0051	0.0057							
8784	169.7	-259.7	-2400.4	-134.7	532.5	727.7	0.0084	0.0051	0.0057							
8785	167.2	-252.3	-2311.0	-148.0	581.8	695.7	0.0084	0.0051	0.0057							
8786	166.9	-243.5	-2221.7	-160.4	619.8	662.0	0.0084	0.0051	0.0022							
8787	170.8	-232.8	-2133.4	-171.9	646.2	626.7	0.0084	0.0051	0.0022							
8788	181.3	-219.5	-2046.6	-183.0	661.1	590.0	0.0084	0.0051	0.0022							
8789	133.6	-304.2	-2836.6	-44.3	109.9	937.1	0.0158	0.0051	0.0057							
8790	136.4	-298.9	-2773.7	-65.9	212.0	915.4	0.0158	0.0051	0.0057							
8791	134.8	-292.1	-2701.2	-85.6	304.7	888.0	0.0158	0.0051	0.0057							
8792	130.6	-284.1	-2621.8	-103.0	386.5	856.1	0.0158	0.0051	0.0057							
8793	125.4	-274.9	-2538.0	-118.4	456.9	820.7	0.0158	0.0051	0.0057							
8794	120.6	-264.5	-2451.5	-132.0	515.7	782.5	0.0158	0.0051	0.0057							
8795	116.9	-252.9	-2363.8	-144.0	562.8	742.0	0.0158	0.0051	0.0022							
8796	115.6	-239.6	-2275.9	-154.5	598.2	699.6	0.0158	0.0051	0.0022							
8797	118.0	-224.3	-2188.3	-164.1	622.1	655.9	0.0158	0.0051	0.0022							
8798	125.5	-206.3	-2100.7	-173.8	635.3	611.4	0.0084	0.0051	0.0140							
8799	82.1	-301.8	-2915.6	-36.9	98.7	990.4	0.0158	0.0051	0.0022							
8800	85.2	-295.8	-2853.4	-57.6	195.8	967.7	0.0158	0.0051	0.0022							
8801	84.3	-287.3	-2782.2	-76.4	284.7	937.4	0.0158	0.0051	0.0022							
8802	80.8	-276.9	-2704.2	-92.7	363.5	901.0	0.0158	0.0051	0.0057							
8803	76.2	-265.1	-2621.1	-106.7	431.3	860.0	0.0158	0.0051	0.0057							
8804	71.6	-251.9	-2534.7	-118.5	487.5	815.4	0.0158	0.0051	0.0022							
8805	68.0	-237.5	-2446.2	-128.3	532.2	768.3	0.0158	0.0051	0.0022							
8806	66.2	-221.7	-2356.4	-136.5	565.5	719.6	0.0158	0.0051	0.0022							
8807	67.1	-204.1	-2265.3	-143.7	587.9	670.2	0.0158	0.0051	0.0022							
8808	71.5	-183.6	-2172.1	-150.8	600.4	620.9	0.0158	0.0051	0.0022							
8809	31.0	-271.3	-3029.4	-27.3	88.0	998.5	0.0158	0.0051	0.0022							
8810	34.6	-265.2	-2967.7	-44.9	175.7	975.9	0.0158	0.0051	0.0022							
8811	34.9	-256.3	-2897.0	-60.9	257.0	944.9	0.0158	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8812	32.9	-245.4	-2818.8	-74.8	330.0	906.9	0.0158	0.0051	0.0022							
8813	29.8	-232.9	-2734.5	-86.4	393.2	863.7	0.0158	0.0051	0.0022							
8814	26.5	-219.5	-2645.4	-95.9	446.1	816.7	0.0158	0.0051	0.0022							
8815	23.7	-205.2	-2552.8	-103.5	488.4	767.3	0.0158	0.0051	0.0022							
8816	22.1	-190.1	-2457.1	-109.5	520.5	716.7	0.0158	0.0051	0.0022							
8817	22.5	-173.8	-2358.3	-114.6	542.9	666.1	0.0158	0.0051	0.0022							
8818	25.1	-155.3	-2255.5	-119.2	556.8	616.2	0.0158	0.0051	0.0022							
8819	-16.0	-224.3	-3150.9	-17.7	78.6	950.5	0.0262	0.0051	0.0127	2.20	11.38	4.54	0.00	-0.07	-3.49	0.0
8820	-12.1	-218.4	-3090.0	-31.0	152.2	929.4	0.0261	0.0052	0.0127	2.26	11.40	4.64	0.00	-0.07	-3.43	0.0
8821	-10.6	-210.1	-3019.5	-43.3	222.3	900.5	0.0259	0.0054	0.0127	2.37	11.45	4.83	0.00	-0.06	-3.36	0.0
8822	-10.8	-200.1	-2940.6	-54.2	286.7	865.2	0.0257	0.0056	0.0127	2.54	11.56	5.14	0.00	-0.06	-3.28	0.0
8823	-12.2	-189.0	-2854.4	-63.3	343.7	825.0	0.0253	0.0060	0.0127	2.79	11.71	5.55	0.00	-0.07	-3.20	0.0
8824	-14.0	-177.2	-2761.9	-70.7	392.6	781.4	0.0249	0.0065	0.0127	3.08	11.85	6.02	0.00	-0.07	-3.11	0.0
8825	-15.5	-165.2	-2664.0	-76.4	432.9	735.7	0.0243	0.0070	0.0127	3.42	11.93	6.55	0.00	-0.08	-3.01	0.0
8826	-16.4	-153.0	-2561.5	-80.7	464.9	689.2	0.0238	0.0075	0.0127	3.79	11.96	7.10	0.00	-0.09	-2.91	0.0
8827	-16.2	-140.4	-2454.1	-84.1	489.0	642.7	0.0232	0.0082	0.0127	4.21	11.97	7.68	0.00	-0.09	-2.81	0.0
8828	-14.1	-126.8	-2341.0	-87.0	506.1	597.0	0.0225	0.0088	0.0127	4.70	12.04	8.33	0.00	-0.10	-2.70	0.0
8829	671.5	242.1	-1310.6	-479.0	696.1	315.9	0.0471	0.0215	0.0244	22.65	49.53	43.63	0.00	-0.89	-2.71	0.0
8830	82.9	42.7	-1615.8	-191.5	593.0	392.9	0.0477	0.0120	0.0244	6.19	24.61	12.08	0.00	-0.18	-2.19	0.0
8831	34.7	-33.0	-1787.5	-125.1	553.2	435.1	0.0483	0.0114	0.0244	3.92	16.67	7.76	0.00	-0.12	-2.23	0.0
8832	528.4	-72.9	-1593.3	-295.3	629.1	398.6	0.0441	0.0051	0.0140							
8833	259.9	-43.1	-1699.5	-256.0	610.2	431.4	0.0441	0.0051	0.0140							
8834	100.0	-65.5	-1823.8	-179.9	586.2	462.0	0.0084	0.0051	0.0140							
8835	419.0	-135.8	-1687.6	-244.3	645.2	438.6	0.0084	0.0051	0.0140							
8836	282.6	-119.6	-1762.9	-237.6	631.2	462.3	0.0084	0.0051	0.0140							
8837	167.4	-107.9	-1844.7	-208.0	613.0	483.7	0.0127	0.0112	0.0244	27.85	31.44	14.46	0.00	-0.34	-2.50	0.0
8838	-10.5	-111.2	-2221.6	-90.4	518.0	554.5	0.0219	0.0094	0.0127	5.28	12.21	9.08	0.00	-0.10	-2.59	0.0
8839	30.3	-135.5	-2153.9	-124.5	564.4	572.3	0.0158	0.0051	0.0022							
8840	79.1	-162.6	-2087.5	-157.8	604.7	579.4	0.0158	0.0051	0.0022							
8841	-4.5	-94.1	-2093.3	-95.6	527.4	513.9	0.0212	0.0101	0.0127	6.01	12.64	10.03	0.00	-0.11	-2.47	0.0
8842	40.2	-115.9	-2052.5	-132.7	569.0	533.3	0.0158	0.0051	0.0022							
8843	92.2	-142.8	-2011.3	-165.9	605.3	545.3	0.0158	0.0051	0.0022							
8844	3.9	-71.3	-1950.4	-105.0	536.5	473.7	0.0206	0.0107	0.0127	6.99	13.39	11.32	0.00	-0.11	-2.34	0.0
8845	56.1	-90.7	-1941.6	-146.3	572.4	495.0	0.0158	0.0051	0.0022							
8846	110.3	-122.8	-1930.2	-180.0	604.3	510.9	0.0131	0.0108	0.0244	21.43	26.00	11.50	0.00	-0.27	-2.52	0.0
8847	-202.6	-291.0	-2672.3	101.3	-890.8	656.0	0.0084	0.0051	0.0022							
8848	-231.6	-282.6	-2689.5	88.3	-920.5	629.7	0.0084	0.0051	0.0022							
8849	-246.6	-271.0	-2724.7	68.5	-931.9	598.8	0.0084	0.0051	0.0022							
8850	-209.5	-288.9	-2752.5	91.7	-874.9	693.6	0.0084	0.0051	0.0022							
8851	-228.6	-277.0	-2769.6	77.8	-897.8	661.7	0.0084	0.0051	0.0022							
8852	-238.4	-263.6	-2795.9	59.9	-906.5	625.8	0.0084	0.0051	0.0022							
8853	-211.6	-277.3	-2850.6	75.8	-851.0	722.2	0.0084	0.0051	0.0022							
8854	-223.4	-265.7	-2859.1	63.6	-868.6	686.9	0.0084	0.0051	0.0022							
8855	-229.8	-252.7	-2870.0	49.4	-876.6	648.7	0.0129	0.0111	0.0127	8.95	10.43	9.07	0.00	-0.31	-3.38	0.0
8856	182.7	-286.9	-2678.7	-27.4	-39.2	736.6	0.0084	0.0051	0.0022							
8857	164.9	-289.5	-2712.1	28.7	-137.6	745.1	0.0084	0.0051	0.0022							
8858	140.6	-292.3	-2733.6	42.8	-238.6	750.1	0.0084	0.0051	0.0022							
8859	110.1	-295.1	-2743.6	57.1	-340.1	751.6	0.0084	0.0051	0.0022							
8860	73.4	-297.7	-2743.2	71.1	-440.0	749.4	0.0084	0.0051	0.0057							
8861	31.4	-299.8	-2734.1	84.0	-536.5	743.2	0.0084	0.0051	0.0057							
8862	-15.2	-301.2	-2718.6	95.3	-627.4	733.2	0.0084	0.0051	0.0057							
8863	-64.7	-301.4	-2700.1	103.8	-710.5	719.3	0.0084	0.0051	0.0057							
8864	-114.9	-300.0	-2682.6	108.5	-783.6	701.6	0.0084	0.0051	0.0022							
8865	-162.4	-296.5	-2671.4	108.0	-844.7	680.4	0.0084	0.0051	0.0022							
8866	135.0	-325.8	-2707.7	-24.4	-45.4	839.8	0.0084	0.0051	0.0057							
8867	117.6	-328.1	-2741.5	32.8	-143.9	847.2	0.0084	0.0051	0.0057							
8868	94.1	-329.4	-2764.3	48.4	-245.0	849.7	0.0084	0.0051	0.0057							
8869	64.5	-329.8	-2776.8	63.6	-346.3	847.0	0.0084	0.0051	0.0057							
8870	29.6	-329.0	-2780.3	77.5	-445.6	839.2	0.0084	0.0051	0.0057							
8871	-9.9	-326.7	-2776.6	89.6	-540.7	826.2	0.0084	0.0051	0.0057							
8872	-52.7	-322.7	-2768.1	98.9	-629.3	808.2	0.0084	0.0051	0.0057							
8873	-96.9	-316.9	-2757.8	104.5	-709.3	785.4	0.0084	0.0051	0.0022							
8874	-140.2	-309.1	-2749.1	105.7	-778.7	758.0	0.0084	0.0051	0.0022							
8875	-179.4	-299.5	-2745.9	101.3	-835.6	726.3	0.0084	0.0051	0.0022							
8876	80.5	-354.1	-2768.5	-19.8	-49.3	937.2	0.0158	0.0051	0.0057							
8877	64.1	-355.6	-2803.4	34.1	-147.3	943.3	0.0158	0.0051	0.0057							
8878	42.2	-354.9	-2828.6	49.9	-247.7	942.8	0.0158	0.0051	0.0057							
8879	15.0	-352.1	-2844.8	64.6	-348.1	935.6	0.0158	0.0051	0.0057							
8880	-16.7	-346.9	-2853.2	77.2	-445.9	921.8	0.0158	0.0051	0.0057							
8881	-51.7	-339.6	-2855.4	87.0	-538.7	901.5	0.0158	0.0051	0.0057							
8882	-88.7	-330.0	-2853.5	93.4	-624.3	875.1	0.0158	0.0051	0.0022							
8883	-125.7	-318.3	-2849.9	95.8	-700.4	842.8	0.0158	0.0051	0.0022							
8884	-160.5	-304.8	-2846.8	93.5	-765.4	805.2	0.0158	0.0051	0.0022							
8885	-190.7	-290.2	-2846.4	86.3	-817.4	762.5	0.0084	0.0051	0.0022							
8886	22.8	-352.7	-2877.9	15.9	-50.7	1016.5	0.0158	0.0051	0.0022							
8887	8.0	-353.1	-2914.4	30.4	-146.6	1021.1	0.0158	0.0051	0.0022							
8888	-11.2	-350.4	-2942.1	44.3	-244.9	1017.3	0.0158	0.0051	0.0022							
8889	-34.5	-344.6	-2961.5	56.4	-342.8	1005.2	0.0158	0.0051	0.0022							
8890	-61.0	-336.0	-2973.5	65.9	-437.5	984.9	0.0158	0.0051	0.0022							
8891	-89.7	-324.9	-2979.3	72.3	-526.4	957.0	0.0158	0.0051	0.0022							
8892	-118.9	-311.6	-2980.2	75.7	-607.4	921.9	0.0158	0.0051	0.0022							
8893	-147.3	-296.8	-2977.7	75.7	-678.5	880.3	0.0158	0.0051	0.0022							
8894	-173.0	-281.2	-2973.0	71.7	-738.0	833.0	0.0158	0.0051	0.0022							
8895	-194.5	-265.4	-2967.2	63.5	-784.9	780.8	0.0158	0.0051	0.0022							
8896	-32.9	-310.7	-3038.1	10.4	-48.8	1048.6	0.0158	0.0051	0.0022							
8897	-45.6	-310.7	-3075.8	21.1	-140.0	1052.0	0.0158	0.0051	0.0022							
8898	-61.3	-307.6	-3104.5	31.0	-233.2	1045.9	0.0158	0.0051	0.0022							
8899	-79.7	-301.6	-3124.6	39.4	-325.6	1030.3	0.0158	0.0051	0.0022							
8900	-100.0	-292.9	-3136.5	45.9	-414.4	1005.7	0.0158	0.0051	0.0022							
8901	-121.4	-282.3	-3140.8	50.5	-497.3	972.8	0.0158	0.0051	0.0022							
8902	-142.9	-270.4	-3138.3	52.7	-572.4	932.6	0.0158	0.0051	0.0022							
8903	-163.3	-257.9	-3129.9	51.8	-638.2	886.1	0.0158	0.0051	0.0022							
8904	-181.5	-245.6	-3116.3	47.7	-693.5	834.5	0.0158	0.0051	0.0022							
8905	-196.9	-234.2	-3098.3	40.8	-737.7	779.2	0.0158	0.0051	0.0022							
8906	-79.2	-239.5	-3205.5	-7.4	-43.1	996.1	0.0262	0.0051	0.0127	2.54	13.14	5.24	0.00	-0.15	-3.58	0.0
8907	-89.7	-240.1	-3243.4	11.1	-125.1	999.8	0.0261	0.0052	0.0127	2.55	12.88	5.24	0.00	-0.16	-3.62	0.0
8908	-101.9	-238.2	-3271.6	18.5	-208.7	994.6	0.0259	0.0054	0.0127	2.69	13.02	5.50	0.00	-0.17	-3.65	0.0
8909	-115.6	-234.1	-3290.2	24.9	-291.6	980.5	0.0257	0.0056	0.0127	2.87	13.05	5.80	0.00	-0.19	-3.68	0.0
8910	-130.2	-228.1	-3299.4	29.6	-371.4	958.1	0.0253	0.0060	0.0127	3.08	12.96	6.14	0.00	-0.20	-3.69	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8911	-145.2	-220.8	-3299.5	32.0	-446.5	927.9	0.0248	0.0065	0.0127	3.32	12.74	6.48	0.00	-0.22	-3.70	0.0
8912	-159.8	-212.8	-3291.0	32.0	-515.4	890.9	0.0243	0.0070	0.0127	3.56	12.40	6.81	0.00	-0.23	-3.69	0.0
8913	-173.3	-204.9	-3274.5	29.5	-576.8	848.3	0.0238	0.0076	0.0127	3.81	11.97	7.11	0.00	-0.25	-3.68	0.0
8914	-185.3	-197.7	-3250.6	24.8	-630.1	801.2	0.0231	0.0082	0.0127	4.05	11.45	7.36	0.00	-0.26	-3.65	0.0
8915	-194.7	-191.8	-3220.1	18.1	-674.5	750.8	0.0225	0.0088	0.0127	4.28	10.89	7.57	0.00	-0.27	-3.62	0.0
8916	-206.2	-213.0	-2919.0	-52.7	-808.9	466.1	0.0113	0.0127	0.0127	11.13	9.91	9.87	0.00	-0.38	-3.33	0.0
8917	-206.3	-203.3	-2980.5	-49.2	-795.2	509.6	0.0119	0.0121	0.0127	10.74	10.57	10.03	0.00	-0.38	-3.40	0.0
8918	-206.3	-194.7	-3042.0	-44.8	-777.6	553.2	0.0125	0.0114	0.0127	10.26	11.21	10.09	0.00	-0.37	-3.46	0.0
8919	-234.4	-235.8	-2849.6	-20.8	-877.5	518.0	0.0084	0.0051	0.0022							
8920	-229.2	-228.2	-2913.6	-19.7	-854.3	554.5	0.0084	0.0051	0.0022							
8921	-224.6	-220.7	-2977.4	-18.2	-828.6	590.2	0.0084	0.0051	0.0022							
8922	-244.8	-253.6	-2779.5	41.9	-917.0	560.6	0.0084	0.0051	0.0022							
8923	-236.1	-246.0	-2843.9	36.8	-890.8	589.5	0.0084	0.0051	0.0022							
8924	-228.0	-237.6	-2908.3	32.0	-862.2	616.6	0.0126	0.0113	0.0127	8.80	9.85	8.75	0.00	-0.32	-3.39	0.0
8925	-201.4	-187.9	-3183.2	-16.1	-710.1	700.7	0.0218	0.0095	0.0127	5.62	12.92	9.65	0.00	-0.33	-3.61	0.0
8926	-208.3	-225.7	-3075.8	33.1	-769.9	727.7	0.0158	0.0051	0.0022							
8927	-208.8	-252.3	-2960.2	53.7	-815.0	733.6	0.0158	0.0051	0.0022							
8928	-205.5	-187.0	-3141.5	-26.3	-738.3	650.3	0.0212	0.0101	0.0127	5.93	12.37	9.87	0.00	-0.35	-3.56	0.0
8929	-215.7	-220.9	-3050.3	25.6	-792.8	679.6	0.0158	0.0051	0.0022							
8930	-217.1	-243.4	-2952.4	44.1	-833.0	692.2	0.0158	0.0051	0.0022							
8931	-206.5	-188.2	-3095.8	-36.8	-759.3	600.2	0.0205	0.0108	0.0127	6.23	11.84	10.06	0.00	-0.36	-3.51	0.0
8932	-220.3	-217.4	-3022.9	17.7	-808.8	631.7	0.0158	0.0051	0.0022							
8933	-222.8	-236.9	-2944.4	34.3	-844.2	649.9	0.0131	0.0109	0.0127	8.49	10.23	8.74	0.00	-0.31	-3.43	0.0
8934	-155.9	-247.7	-2723.1	97.8	-915.5	648.1	0.0084	0.0051	0.0022							
8935	-187.0	-237.6	-2713.4	87.6	-932.2	610.7	0.0084	0.0051	0.0022							
8936	-206.6	-225.1	-2717.9	71.9	-929.2	569.6	0.0084	0.0051	0.0022							
8937	-163.3	-243.6	-2784.4	91.5	-888.7	672.9	0.0084	0.0051	0.0022							
8938	-185.7	-231.5	-2778.0	80.8	-901.6	632.9	0.0084	0.0051	0.0022							
8939	-200.7	-218.5	-2779.1	67.0	-900.6	590.6	0.0084	0.0051	0.0022							
8940	-167.7	-232.3	-2859.4	81.3	-855.1	688.3	0.0084	0.0051	0.0022							
8941	-183.5	-221.4	-2850.0	71.8	-866.7	649.3	0.0084	0.0051	0.0022							
8942	-195.2	-209.5	-2843.2	60.8	-869.4	608.8	0.0129	0.0110	0.0127	9.67	11.40	9.85	0.00	-0.28	-3.35	0.0
8943	216.0	-257.0	-2824.3	-31.3	-46.3	771.4	0.0084	0.0051	0.0038							
8944	200.7	-259.6	-2860.5	22.9	-151.1	780.6	0.0084	0.0051	0.0038							
8945	178.7	-261.8	-2882.1	36.7	-258.5	785.5	0.0084	0.0051	0.0038							
8946	149.8	-263.9	-2889.9	50.3	-365.8	786.0	0.0084	0.0051	0.0038							
8947	115.3	-265.8	-2885.0	63.6	-471.3	782.2	0.0084	0.0051	0.0057							
8948	75.1	-266.6	-2869.0	76.6	-572.5	773.3	0.0084	0.0051	0.0057							
8949	30.3	-266.4	-2843.7	87.7	-667.0	759.0	0.0084	0.0051	0.0057							
8950	-17.9	-264.7	-2812.0	96.7	-751.8	739.3	0.0084	0.0051	0.0057							
8951	-67.4	-261.2	-2777.7	102.1	-823.4	714.0	0.0084	0.0051	0.0022							
8952	-114.9	-255.5	-2746.0	102.8	-879.0	683.2	0.0084	0.0051	0.0022							
8953	173.5	-287.7	-2843.2	-27.6	-53.4	869.4	0.0084	0.0051	0.0057							
8954	158.7	-289.8	-2878.8	27.4	-157.9	876.9	0.0084	0.0051	0.0057							
8955	137.0	-291.1	-2900.9	42.4	-264.5	878.5	0.0084	0.0051	0.0057							
8956	109.4	-290.9	-2910.3	57.0	-370.9	874.0	0.0084	0.0051	0.0057							
8957	76.0	-289.5	-2908.0	70.6	-474.5	863.0	0.0084	0.0051	0.0057							
8958	37.9	-286.5	-2896.0	82.5	-572.7	845.8	0.0084	0.0051	0.0057							
8959	-3.6	-281.6	-2876.2	92.1	-663.0	822.1	0.0084	0.0051	0.0057							
8960	-47.4	-274.7	-2851.3	98.7	-742.5	792.1	0.0084	0.0051	0.0022							
8961	-90.9	-265.8	-2824.8	101.2	-808.3	756.0	0.0084	0.0051	0.0022							
8962	-131.1	-255.0	-2800.4	98.7	-858.4	714.8	0.0084	0.0051	0.0022							
8963	125.4	-307.6	-2886.5	-22.0	-57.7	950.9	0.0158	0.0051	0.0057							
8964	111.4	-309.0	-2922.5	29.5	-160.2	956.6	0.0158	0.0051	0.0057							
8965	91.3	-308.3	-2946.1	45.0	-264.9	954.4	0.0158	0.0051	0.0057							
8966	65.4	-305.6	-2957.9	59.3	-368.8	944.4	0.0158	0.0051	0.0057							
8967	34.9	-300.5	-2959.3	71.8	-469.2	926.6	0.0158	0.0051	0.0057							
8968	0.5	-293.2	-2951.7	82.0	-563.3	901.2	0.0158	0.0051	0.0057							
8969	-36.4	-283.7	-2937.1	89.4	-648.6	868.7	0.0158	0.0051	0.0022							
8970	-74.1	-272.1	-2917.9	93.4	-722.4	829.4	0.0158	0.0051	0.0022							
8971	-110.5	-258.9	-2896.4	93.5	-782.8	784.2	0.0158	0.0051	0.0022							
8972	-143.4	-244.8	-2875.1	89.0	-828.4	734.3	0.0084	0.0051	0.0022							
8973	74.2	-305.3	-2965.5	-15.5	-58.7	1004.1	0.0158	0.0051	0.0022							
8974	61.5	-305.8	-3002.5	27.9	-157.3	1007.9	0.0158	0.0051	0.0022							
8975	43.5	-303.5	-3028.0	42.2	-257.9	1002.4	0.0158	0.0051	0.0022							
8976	20.8	-298.3	-3042.4	54.9	-357.5	987.6	0.0158	0.0051	0.0057							
8977	-5.8	-290.5	-3046.8	65.4	-453.0	964.0	0.0158	0.0051	0.0057							
8978	-35.1	-280.3	-3042.3	73.4	-541.7	932.1	0.0158	0.0051	0.0022							
8979	-65.9	-268.0	-3030.5	79.2	-621.3	892.7	0.0158	0.0051	0.0022							
8980	-96.7	-254.2	-3013.0	81.8	-689.8	846.9	0.0158	0.0051	0.0022							
8981	-125.9	-239.6	-2991.6	80.4	-745.7	795.7	0.0158	0.0051	0.0022							
8982	-151.9	-224.7	-2967.8	75.0	-788.1	740.5	0.0158	0.0051	0.0022							
8983	23.6	-274.5	-3079.5	9.8	-56.2	1011.6	0.0158	0.0051	0.0022							
8984	12.4	-274.6	-3117.4	22.3	-148.2	1014.5	0.0158	0.0051	0.0022							
8985	-2.7	-271.5	-3144.2	34.3	-242.2	1007.4	0.0158	0.0051	0.0022							
8986	-21.5	-265.5	-3159.9	45.1	-335.0	990.4	0.0158	0.0051	0.0022							
8987	-43.2	-257.0	-3165.2	54.3	-423.7	964.3	0.0158	0.0051	0.0022							
8988	-66.8	-246.4	-3160.8	61.8	-506.0	929.8	0.0158	0.0051	0.0022							
8989	-91.2	-234.3	-3148.0	66.3	-579.9	888.0	0.0158	0.0051	0.0022							
8990	-115.3	-221.5	-3127.8	67.4	-643.8	840.3	0.0158	0.0051	0.0022							
8991	-137.7	-208.6	-3101.5	64.9	-696.7	787.9	0.0158	0.0051	0.0022							
8992	-157.5	-196.2	-3070.3	59.2	-738.0	732.4	0.0158	0.0051	0.0022							
8993	-22.8	-227.3	-3200.8	6.6	-50.2	963.2	0.0262	0.0051	0.0127	2.22	11.47	4.58	0.00	-0.08	-3.54	0.0
8994	-32.3	-227.6	-3239.4	17.9	-133.0	966.6	0.0261	0.0052	0.0127	2.32	11.72	4.77	0.00	-0.09	-3.59	0.0
8995	-44.9	-225.0	-3266.8	29.3	-217.6	960.8	0.0260	0.0054	0.0127	2.47	11.94	5.03	0.00	-0.11	-3.62	0.0
8996	-59.9	-219.9	-3282.8	39.5	-301.3	945.9	0.0257	0.0056	0.0127	2.64	12.02	5.34	0.00	-0.12	-3.64	0.0
8997	-76.9	-212.5	-3287.9	47.6	-381.7	922.4	0.0253	0.0060	0.0127	2.84	11.95	5.65	0.00	-0.14	-3.66	0.0
8998	-95.2	-203.6	-3282.6	53.1	-456.9	891.1	0.0249	0.0064	0.0127	3.04	11.73	5.95	0.00	-0.15	-3.66	0.0
8999	-113.8	-193.7	-3267.4	55.7	-525.3	853.0	0.0244	0.0070	0.0127	3.25	11.37	6.22	0.00	-0.17	-3.65	0.0
9000	-132.0	-183.7	-3243.2	55.3	-585.8	809.4	0.0238	0.0075	0.0127	3.45	10.91	6.46	0.00	-0.18	-3.63	0.0
9001	-148.9	-174.3	-3210.8	52.1	-637.5	761.5	0.0232	0.0081	0.0127	3.64	10.36	6.63	0.00	-0.19	-3.59	0.0
9002	-163.7	-166.1	-3171.2	46.5	-679.9	710.6	0.0225	0.0088	0.0127	3.80	9.75	6.74	0.00	-0.20	-3.55	0.0
9003	-196.8	-170.8	-2824.5	-31.1	-792.3	431.0	0.0113	0.0126	0.0127	10.09	9.09	9.01	0.00	-0.32	-3.22	0.0
9004	-196.0	-163.9	-2891.2	-24.7	-783.5	472.2	0.0119	0.0120	0.0127	9.62	9.58	9.04	0.00	-0.31	-3.28	0.0
9005	-194.4	-158.5	-2958.6	-17.4	-770.5	514.7	0.0126	0.0114	0.0127	9.07	10.02	8.97	0.00	-0.30	-3.35	0.0
9006	-208.8	-190.1	-2781.8	28.6	-857.5	479.3	0.0084	0.0051	0.0022							
9007	-202.6	-183.4	-2846.8	29.2	-837.7	513.1	0.0084	0.0051	0.0022							
9008	-196.7	-177.0	-2911.8	30.2	-815.2	546.6	0.0084	0.0051	0.0022							
9009	-214.7	-209.0	-2742.0	51.4	-904.1	525.0	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9010	-207.2	-202.7	-2802.8	49.3	-879.2	550.8	0.0084	0.0051	0.0022							
9011	-199.3	-195.8	-2864.0	47.3	-852.5	575.5	0.0127	0.0112	0.0127	8.98	10.17	8.98	0.00	-0.27	-3.33	0.0
9012	-175.6	-160.0	-3125.4	39.5	-712.9	660.5	0.0219	0.0094	0.0127	3.95	9.16	6.80	0.00	-0.21	-3.51	0.0
9013	-172.5	-186.4	-3036.0	52.0	-767.1	680.9	0.0158	0.0051	0.0022							
9014	-170.7	-212.3	-2945.2	67.6	-814.0	691.8	0.0158	0.0051	0.0022							
9015	-184.6	-156.6	-3074.8	31.9	-738.1	610.4	0.0212	0.0101	0.0127	4.05	8.53	6.76	0.00	-0.22	-3.45	0.0
9016	-183.1	-179.9	-3000.4	44.2	-786.7	633.4	0.0158	0.0051	0.0022							
9017	-183.0	-203.4	-2924.9	59.5	-828.7	650.0	0.0158	0.0051	0.0022							
9018	-190.5	-155.4	-3019.9	23.7	-756.0	561.0	0.0206	0.0107	0.0127	4.14	7.93	6.70	0.00	-0.23	-3.39	0.0
9019	-190.5	-174.8	-2962.8	35.8	-799.2	586.3	0.0158	0.0051	0.0022							
9020	-192.3	-196.3	-2904.7	50.5	-836.9	607.9	0.0131	0.0108	0.0127	8.66	10.56	8.96	0.00	-0.26	-3.37	0.0
9021	-180.8	-211.2	-2393.1	40.3	-763.1	-167.5	0.0086	0.0153	0.0127	9.77	5.48	6.61	0.00	-0.31	-2.72	0.0
9022	-180.3	-207.6	-2390.8	42.3	-760.3	-183.9	0.0087	0.0152	0.0127	10.05	5.75	6.89	0.00	-0.32	-2.73	0.0
9023	-224.5	-217.9	-2312.0	27.9	-876.8	-184.9	0.0084	0.0051	0.0022							
9024	-222.2	-215.0	-2311.9	27.4	-871.3	-205.3	0.0084	0.0051	0.0022							
9025	-253.1	-219.4	-2255.3	-33.3	-962.9	-203.1	0.0084	0.0051	0.0022							
9026	-249.3	-217.5	-2256.4	-35.5	-955.2	-227.1	0.0084	0.0051	0.0022							
9027	-256.5	-216.5	-2234.5	-43.5	-1016.4	-221.0	0.0084	0.0051	0.0022							
9028	-252.0	-215.8	-2235.4	-47.8	-1007.1	-248.5	0.0084	0.0051	0.0022							
9029	-233.6	-210.8	-2253.1	-51.2	-1038.1	-238.5	0.0084	0.0051	0.0022							
9030	-228.9	-211.2	-2252.3	-57.0	-1027.5	-269.0	0.0084	0.0051	0.0022							
9031	-187.6	-203.3	-2305.3	-56.0	-1029.9	-255.4	0.0084	0.0051	0.0022							
9032	-183.4	-204.8	-2301.6	-62.6	-1018.3	-288.6	0.0084	0.0051	0.0022							
9033	-125.8	-195.4	-2380.4	-57.8	-993.8	-271.6	0.0084	0.0051	0.0022							
9034	-122.5	-197.9	-2373.1	-64.7	-981.6	-307.2	0.0084	0.0051	0.0022							
9035	-55.5	-187.6	-2465.5	-57.1	-931.5	-286.9	0.0084	0.0051	0.0057							
9036	-53.5	-191.0	-2454.3	-63.7	-919.2	-324.3	0.0084	0.0051	0.0057							
9037	15.0	-180.6	-2549.1	-54.3	-846.9	-300.9	0.0084	0.0051	0.0057							
9038	15.8	-184.8	-2533.9	-60.3	-835.0	-339.8	0.0084	0.0051	0.0057							
9039	82.2	-174.1	-2622.4	-49.6	-744.9	-313.4	0.0084	0.0051	0.0057							
9040	81.6	-179.1	-2603.1	-54.9	-733.7	-353.5	0.0084	0.0051	0.0057							
9041	141.5	-169.1	-2679.1	-43.5	-630.5	-324.0	0.0084	0.0051	0.0038							
9042	139.7	-174.5	-2656.1	-47.5	-620.6	-364.9	0.0084	0.0051	0.0038							
9043	191.9	-165.1	-2715.8	-36.0	-509.2	-332.5	0.0084	0.0051	0.0038							
9044	189.1	-171.2	-2689.8	-39.3	-500.9	-373.5	0.0084	0.0051	0.0038							
9045	234.4	-161.7	-2731.4	-27.6	-384.0	-338.2	0.0084	0.0051	0.0038							
9046	230.5	-168.6	-2702.9	-30.0	-377.8	-379.0	0.0084	0.0051	0.0038							
9047	267.1	-159.7	-2725.0	-19.1	-257.8	-340.4	0.0084	0.0051	0.0038							
9048	262.9	-166.6	-2695.0	-20.7	-254.0	-381.1	0.0084	0.0051	0.0038							
9049	292.0	-158.4	-2696.3	-10.9	-134.2	-339.4	0.0084	0.0051	0.0038							
9050	287.5	-165.5	-2665.7	-11.8	-132.7	-379.5	0.0084	0.0051	0.0038							
9051	308.9	-157.8	-2646.2	12.0	64.8	-335.4	0.0084	0.0051	0.0038							
9052	304.3	-165.0	-2616.0	15.0	63.7	-374.6	0.0084	0.0051	0.0038							
9053	-187.9	-257.3	-2505.2	45.6	-803.7	-182.1	0.0086	0.0153	0.0127	10.67	5.98	7.22	0.00	-0.37	-2.86	0.0
9054	-187.3	-253.3	-2501.5	49.0	-799.3	-200.6	0.0087	0.0152	0.0127	10.97	6.27	7.52	0.00	-0.37	-2.86	0.0
9055	-247.4	-263.8	-2396.6	33.1	-913.7	-200.2	0.0084	0.0051	0.0022							
9056	-244.8	-260.7	-2395.7	33.3	-907.1	-223.0	0.0084	0.0051	0.0022							
9057	-284.8	-261.5	-2300.2	-31.8	-980.2	-216.2	0.0084	0.0051	0.0022							
9058	-280.8	-259.5	-2301.1	-33.7	-972.2	-242.3	0.0084	0.0051	0.0022							
9059	-295.4	-254.3	-2240.9	-43.0	-1007.5	-230.3	0.0084	0.0051	0.0022							
9060	-290.8	-253.5	-2241.9	-47.4	-998.7	-259.0	0.0084	0.0051	0.0022							
9061	-273.1	-243.2	-2224.7	-50.9	-1003.6	-243.2	0.0084	0.0051	0.0022							
9062	-268.6	-243.6	-2224.3	-57.0	-994.0	-274.0	0.0084	0.0051	0.0022							
9063	-226.3	-230.7	-2246.9	-55.4	-977.5	-255.9	0.0084	0.0051	0.0022							
9064	-222.4	-232.2	-2244.0	-62.4	-967.3	-288.5	0.0084	0.0051	0.0022							
9065	-163.6	-218.1	-2295.2	-57.0	-931.9	-268.5	0.0084	0.0051	0.0022							
9066	-160.7	-220.5	-2289.2	-64.3	-921.3	-302.7	0.0084	0.0051	0.0022							
9067	-93.1	-206.2	-2357.3	-56.0	-868.0	-280.8	0.0084	0.0051	0.0057							
9068	-91.5	-209.5	-2348.0	-63.1	-857.3	-316.3	0.0084	0.0051	0.0057							
9069	-21.3	-195.5	-2422.4	-53.0	-787.5	-292.3	0.0084	0.0051	0.0057							
9070	-20.9	-199.5	-2409.5	-59.6	-777.0	-329.0	0.0084	0.0051	0.0057							
9071	46.8	-186.1	-2481.6	-48.3	-693.1	-302.7	0.0084	0.0051	0.0057							
9072	46.0	-190.9	-2465.5	-54.1	-683.3	-340.3	0.0084	0.0051	0.0057							
9073	108.4	-178.1	-2528.8	-42.2	-588.3	-311.6	0.0084	0.0051	0.0022							
9074	106.4	-183.5	-2509.7	-47.1	-579.6	-349.8	0.0084	0.0051	0.0022							
9075	161.7	-171.6	-2560.2	-35.1	-476.3	-318.5	0.0084	0.0051	0.0022							
9076	158.7	-177.5	-2538.5	-39.1	-469.0	-357.1	0.0084	0.0051	0.0022							
9077	206.3	-166.5	-2573.5	-27.4	-360.0	-323.0	0.0084	0.0051	0.0022							
9078	202.5	-172.8	-2549.8	-30.5	-354.4	-361.8	0.0084	0.0051	0.0022							
9079	242.5	-162.7	-2567.9	-19.5	-242.3	-325.0	0.0084	0.0051	0.0022							
9080	238.2	-169.3	-2542.9	-21.7	-238.7	-363.5	0.0084	0.0051	0.0022							
9081	270.7	-160.2	-2543.1	-12.0	-126.1	-324.1	0.0084	0.0051	0.0022							
9082	266.0	-166.9	-2517.5	-13.4	-124.7	-362.2	0.0084	0.0051	0.0022							
9083	291.9	-158.8	-2499.8	10.4	61.8	-320.5	0.0084	0.0051	0.0022							
9084	287.0	-165.5	-2474.4	13.0	60.9	-358.0	0.0084	0.0051	0.0022							
9085	1739.0	167.2	-76.3	89.5	619.5	-98.1	0.0443	0.0243	0.0244	43.57	79.63	79.06	0.00	-1.74	-2.23	0.0
9086	1252.5	20.7	-730.1	46.3	531.6	-118.5	0.0441	0.0140	0.0140							
9087	937.2	-55.1	-978.4	37.2	589.2	-134.9	0.0441	0.0140	0.0140							
9088	738.1	-103.6	-1144.0	36.4	639.1	-150.7	0.0441	0.0051	0.0140							
9089	611.9	-137.7	-1292.8	39.8	674.3	-166.1	0.0084	0.0051	0.0140							
9090	529.3	-160.4	-1436.2	46.0	694.6	-181.7	0.0084	0.0051	0.0140							
9091	473.1	-172.3	-1572.3	51.3	699.7	-197.5	0.0084	0.0051	0.0140							
9092	433.3	-175.1	-1700.5	54.6	689.8	-213.5	0.0084	0.0051	0.0057							
9093	402.6	-173.0	-1823.8	55.9	666.8	-229.8	0.0084	0.0051	0.0057							
9094	379.2	-169.1	-1943.6	55.2	632.2	-246.3	0.0084	0.0051	0.0057							
9095	360.2	-165.6	-2060.3	52.9	587.1	-262.9	0.0084	0.0051	0.0038							
9096	345.8	-162.8	-2174.2	48.6	532.3	-279.3	0.0084	0.0051	0.0038							
9097	337.0	-160.2	-2285.4	42.7	465.8	-294.6	0.0084	0.0051	0.0038							
9098	330.6	-158.8	-2392.0	35.8	385.9	-308.1	0.0084	0.0051	0.0038							
9099	325.9	-157.9	-2490.4	28.2	292.2	-319.6	0.0084	0.0051	0.0038							
9100	319.5	-157.7	-2576.5	20.2	184.4	-328.7	0.0084	0.0051	0.0038							
9101	1729.2	156.2	-96.5	79.9	610.3	-118.8	0.0445	0.0242	0.0244	43.08	79.31	78.38	0.00	-1.72	-2.24	0.0
9102	1246.6	17.5	-745.9	45.2	524.7	-147.2	0.0441	0.0140	0.0140							
9103	932.3	-56.0	-991.6	42.0	583.5	-161.3	0.0441	0.0140	0.0140							
9104	734.0	-105.0	-1153.3	43.6	633.8	-176.5	0.0441	0.0051	0.0140							
9105	608.3	-140.3	-1297.8	49.2	668.5	-192.5	0.0084	0.0051	0.0140							
9106	525.8	-163.6	-1436.7	56.7	688.0	-209.2	0.0084	0.0051	0.0140							
9107	469.3	-175.2	-1568.7	62.5	692.2	-226.3	0.0084	0.0051	0.0140							
9108	429.2	-177.8	-1693.5	65.8	681.6	-243.5	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9109	398.3	-176.0	-1813.6	66.6	657.9	-260.9	0.0084	0.0051	0.0057							
9110	374.6	-172.9	-1930.2	65.3	623.1	-278.6	0.0084	0.0051	0.0057							
9111	355.6	-170.0	-2043.6	61.7	578.0	-296.3	0.0084	0.0051	0.0038							
9112	341.1	-168.0	-2154.2	56.9	523.5	-313.5	0.0084	0.0051	0.0038							
9113	332.0	-166.4	-2262.4	50.1	457.9	-329.9	0.0084	0.0051	0.0038							
9114	325.7	-165.3	-2366.2	42.1	379.4	-344.6	0.0084	0.0051	0.0038							
9115	321.1	-164.7	-2462.5	33.4	287.3	-357.0	0.0084	0.0051	0.0038							
9116	314.8	-164.8	-2547.2	24.3	181.3	-367.0	0.0084	0.0051	0.0038							
9117	1590.2	107.8	-194.6	-80.3	426.0	-140.3	0.0443	0.0243	0.0244	38.21	69.81	69.33	0.00	-1.56	-2.02	0.0
9118	1236.5	-3.9	-636.6	-43.3	423.4	-145.5	0.0441	0.0140	0.0140							
9119	972.0	-67.6	-940.4	30.5	464.2	-158.3	0.0441	0.0140	0.0140							
9120	783.2	-110.5	-1127.7	33.5	534.9	-165.6	0.0441	0.0051	0.0140							
9121	654.1	-142.7	-1279.9	38.2	585.4	-174.8	0.0084	0.0051	0.0140							
9122	565.0	-165.2	-1417.2	44.4	616.7	-186.0	0.0084	0.0051	0.0140							
9123	502.0	-177.5	-1542.1	49.8	631.3	-198.7	0.0084	0.0051	0.0140							
9124	455.7	-180.9	-1657.2	53.0	630.7	-212.3	0.0084	0.0051	0.0057							
9125	420.7	-178.6	-1768.1	54.0	616.3	-226.5	0.0084	0.0051	0.0057							
9126	393.1	-174.1	-1876.7	53.0	589.2	-241.0	0.0084	0.0051	0.0057							
9127	371.3	-169.4	-1982.9	50.1	550.6	-255.7	0.0084	0.0051	0.0022							
9128	354.0	-165.3	-2086.2	45.7	500.3	-269.9	0.0084	0.0051	0.0022							
9129	340.4	-162.1	-2185.6	40.0	438.0	-283.4	0.0084	0.0051	0.0022							
9130	329.5	-159.9	-2279.4	33.3	362.7	-295.7	0.0084	0.0051	0.0022							
9131	319.1	-158.6	-2365.1	26.0	274.3	-306.1	0.0084	0.0051	0.0022							
9132	307.4	-158.2	-2439.6	18.3	173.3	-314.4	0.0084	0.0051	0.0022							
9133	1599.1	110.1	-209.2	-130.5	411.8	-108.7	0.0445	0.0242	0.0244	38.31	70.48	69.68	0.00	-1.59	-2.02	0.0
9134	1237.9	-8.5	-656.4	-53.7	418.3	-179.9	0.0441	0.0140	0.0140							
9135	968.5	-68.2	-955.1	39.9	459.4	-187.0	0.0441	0.0140	0.0140							
9136	779.3	-111.7	-1137.9	42.7	530.4	-192.4	0.0441	0.0051	0.0140							
9137	650.6	-145.5	-1285.6	48.1	580.7	-201.1	0.0084	0.0051	0.0140							
9138	561.6	-169.0	-1418.4	55.3	611.3	-212.7	0.0084	0.0051	0.0140							
9139	498.1	-181.3	-1539.1	61.3	625.1	-226.2	0.0084	0.0051	0.0140							
9140	451.3	-184.3	-1651.0	64.5	623.8	-240.8	0.0084	0.0051	0.0057							
9141	415.9	-182.0	-1759.1	65.1	608.8	-256.0	0.0084	0.0051	0.0057							
9142	388.1	-178.0	-1865.0	63.2	581.5	-271.5	0.0084	0.0051	0.0057							
9143	366.1	-174.0	-1968.5	59.5	542.7	-287.2	0.0084	0.0051	0.0022							
9144	348.8	-170.6	-2069.2	54.0	492.8	-302.6	0.0084	0.0051	0.0022							
9145	335.2	-167.9	-2166.1	47.3	431.1	-317.2	0.0084	0.0051	0.0022							
9146	324.2	-166.1	-2257.7	39.5	356.9	-330.4	0.0084	0.0051	0.0022							
9147	314.0	-165.1	-2341.7	31.0	269.9	-341.9	0.0084	0.0051	0.0022							
9148	302.3	-164.9	-2415.0	22.1	170.6	-351.2	0.0084	0.0051	0.0022							
9149	306.6	-174.7	-2505.3	29.8	176.0	-417.7	0.0084	0.0051	0.0038							
9150	293.7	-188.3	-2452.0	36.2	167.8	-478.1	0.0084	0.0051	0.0038							
9151	277.9	-201.2	-2401.8	41.5	158.3	-533.2	0.0084	0.0051	0.0038							
9152	259.0	-214.5	-2356.8	45.6	147.6	-584.6	0.0084	0.0051	0.0038							
9153	312.6	-174.7	-2423.0	40.3	279.1	-406.5	0.0084	0.0051	0.0038							
9154	299.2	-187.9	-2373.6	48.5	266.8	-465.5	0.0084	0.0051	0.0038							
9155	283.0	-200.5	-2328.2	55.1	252.9	-519.7	0.0084	0.0051	0.0038							
9156	263.9	-213.3	-2288.3	60.1	237.8	-570.3	0.0084	0.0051	0.0038							
9157	317.0	-174.9	-2330.0	50.4	368.7	-392.8	0.0084	0.0051	0.0038							
9158	303.4	-187.6	-2285.5	59.8	353.3	-450.5	0.0084	0.0051	0.0038							
9159	287.0	-199.5	-2245.6	67.7	336.2	-503.9	0.0084	0.0051	0.0038							
9160	267.1	-211.8	-2211.3	73.5	317.8	-554.2	0.0084	0.0051	0.0038							
9161	323.1	-175.2	-2230.4	59.6	445.2	-377.1	0.0084	0.0051	0.0038							
9162	308.7	-187.3	-2191.5	70.5	427.3	-433.9	0.0084	0.0051	0.0038							
9163	290.9	-198.9	-2157.7	79.6	407.8	-486.5	0.0084	0.0051	0.0038							
9164	270.1	-210.3	-2129.9	86.7	386.8	-536.4	0.0084	0.0051	0.0038							
9165	332.2	-176.0	-2127.0	67.6	509.6	-359.6	0.0084	0.0051	0.0038							
9166	317.5	-187.2	-2094.6	80.2	489.9	-415.6	0.0084	0.0051	0.0038							
9167	299.0	-197.7	-2067.3	90.5	468.7	-467.9	0.0084	0.0051	0.0038							
9168	276.9	-208.6	-2046.3	98.4	446.6	-517.6	0.0084	0.0051	0.0038							
9169	346.3	-177.4	-2021.2	74.1	563.6	-341.3	0.0084	0.0051	0.0038							
9170	330.8	-186.9	-1995.7	88.3	543.2	-396.5	0.0084	0.0051	0.0038							
9171	310.7	-196.5	-1975.3	100.3	521.5	-448.8	0.0084	0.0051	0.0038							
9172	285.7	-206.7	-1960.8	109.9	498.6	-498.5	0.0084	0.0051	0.0057							
9173	365.1	-179.1	-1913.0	78.8	608.5	-322.6	0.0084	0.0051	0.0057							
9174	348.7	-186.9	-1894.3	95.0	588.2	-377.2	0.0084	0.0051	0.0057							
9175	326.3	-195.6	-1880.9	109.5	566.3	-429.3	0.0084	0.0051	0.0057							
9176	298.6	-204.5	-1873.4	120.8	542.8	-478.9	0.0084	0.0051	0.0057							
9177	389.0	-180.7	-1801.5	81.5	643.9	-303.9	0.0084	0.0051	0.0057							
9178	371.6	-187.3	-1789.8	100.0	624.2	-357.8	0.0084	0.0051	0.0057							
9179	347.2	-194.3	-1783.7	117.0	602.7	-409.4	0.0084	0.0051	0.0057							
9180	315.8	-201.8	-1783.9	130.8	579.5	-458.7	0.0084	0.0051	0.0057							
9181	419.7	-181.9	-1686.5	81.8	668.5	-285.3	0.0084	0.0051	0.0057							
9182	401.5	-187.3	-1681.9	102.7	649.9	-338.3	0.0084	0.0051	0.0057							
9183	374.5	-192.7	-1683.6	122.8	629.5	-389.2	0.0084	0.0051	0.0057							
9184	338.4	-198.7	-1692.0	140.1	607.1	-438.0	0.0084	0.0051	0.0057							
9185	460.2	-179.9	-1567.3	79.2	680.3	-266.8	0.0084	0.0051	0.0140							
9186	441.8	-185.6	-1570.7	101.9	663.4	-318.3	0.0084	0.0051	0.0140							
9187	412.7	-190.2	-1581.0	125.5	644.6	-368.2	0.0084	0.0051	0.0140							
9188	371.2	-194.3	-1598.6	147.3	623.7	-416.1	0.0084	0.0051	0.0022							
9189	517.0	-169.4	-1442.3	73.0	677.6	-248.2	0.0084	0.0051	0.0140							
9190	498.9	-177.7	-1455.6	96.3	663.0	-298.0	0.0084	0.0051	0.0140							
9191	468.4	-184.3	-1476.3	123.0	646.9	-346.3	0.0084	0.0051	0.0140							
9192	420.7	-187.6	-1504.3	151.1	628.6	-393.0	0.0084	0.0051	0.0140							
9193	599.2	-145.5	-1311.3	63.7	659.7	-229.9	0.0084	0.0051	0.0140							
9194	581.2	-155.5	-1336.0	85.0	647.9	-277.5	0.0084	0.0051	0.0140							
9195	550.7	-168.0	-1368.9	113.0	635.5	-323.5	0.0084	0.0051	0.0140							
9196	497.2	-175.8	-1408.9	148.7	621.2	-368.4	0.0084	0.0051	0.0140							
9197	722.4	-106.9	-1174.9	54.9	625.8	-212.9	0.0441	0.0051	0.0140							
9198	701.7	-112.8	-1211.9	70.7	616.8	-258.2	0.0441	0.0051	0.0140							
9199	671.8	-128.1	-1257.9	94.1	609.7	-300.5	0.0084	0.0051	0.0140							
9200	615.9	-149.0	-1310.8	135.8	601.8	-342.3	0.0084	0.0051	0.0140							
9201	915.5	-54.3	-1022.1	51.6	573.6	-198.9	0.0441	0.0140	0.0140							
9202	886.2	-50.8	-1073.2	63.5	565.1	-243.5	0.0441	0.0051	0.0140							
9203	851.4	-55.2	-1133.6	75.2	566.5	-281.3	0.0441	0.0051	0.0140							
9204	796.9	-80.8	-1200.3	110.9	570.4	-315.6	0.0441	0.0051	0.0140							
9205	1225.2	17.3	-788.3	53.3	501.3	-188.6	0.0441	0.0140	0.0140							
9206	1185.2	22.1	-858.7	70.7	482.8	-236.2	0.0441	0.0140	0.0140							
9207	1134.3	33.8	-941.5	87.2	497.7	-275.3	0.0441	0.0140	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9208	1072.3	42.1	-1030.8	103.9	534.5	-300.8	0.0441	0.0140	0.0140							
9209	1710.8	132.1	-141.9	87.6	559.8	-155.4	0.0447	0.0239	0.0244	41.82	77.99	76.43	0.00	-1.68	-2.23	0.0
9210	1662.7	105.9	-227.9	123.0	509.9	-212.0	0.0450	0.0236	0.0244	39.87	75.98	73.42	0.00	-1.59	-2.25	0.0
9211	1588.0	98.0	-350.1	167.5	533.5	-274.2	0.0454	0.0232	0.0244	38.11	74.58	70.82	0.00	-1.51	-2.35	0.0
9212	1500.9	138.7	-499.0	209.9	621.4	-315.6	0.0459	0.0227	0.0244	36.77	74.23	69.04	0.00	-1.42	-2.50	0.0
9213	293.4	-175.3	-2379.2	27.2	165.9	-399.8	0.0084	0.0051	0.0022							
9214	279.4	-189.9	-2333.4	33.2	158.7	-458.2	0.0084	0.0051	0.0022							
9215	262.3	-205.6	-2289.8	38.1	150.4	-511.7	0.0084	0.0051	0.0022							
9216	242.1	-221.9	-2250.1	41.9	141.3	-561.7	0.0084	0.0051	0.0022							
9217	304.8	-175.3	-2308.1	37.7	262.5	-389.4	0.0084	0.0051	0.0022							
9218	290.5	-189.6	-2265.5	45.4	251.7	-446.7	0.0084	0.0051	0.0022							
9219	272.8	-204.8	-2225.6	51.9	239.4	-499.4	0.0084	0.0051	0.0022							
9220	252.0	-220.7	-2190.0	56.9	226.1	-548.8	0.0084	0.0051	0.0022							
9221	314.8	-175.9	-2227.0	47.7	347.4	-376.9	0.0084	0.0051	0.0022							
9222	299.9	-189.6	-2188.5	57.2	333.6	-433.0	0.0084	0.0051	0.0022							
9223	281.6	-204.4	-2153.2	65.2	318.3	-485.0	0.0084	0.0051	0.0022							
9224	259.8	-219.7	-2122.6	71.4	301.9	-534.0	0.0084	0.0051	0.0022							
9225	325.6	-177.1	-2138.7	57.0	420.0	-362.5	0.0084	0.0051	0.0022							
9226	310.1	-190.2	-2105.1	68.3	404.1	-417.6	0.0084	0.0051	0.0022							
9227	290.9	-204.2	-2075.2	77.8	386.7	-469.1	0.0084	0.0051	0.0022							
9228	267.9	-218.9	-2050.1	85.3	368.2	-517.8	0.0084	0.0051	0.0022							
9229	338.9	-179.0	-2045.7	65.2	480.7	-346.8	0.0084	0.0051	0.0022							
9230	322.7	-191.1	-2017.6	78.4	463.6	-401.0	0.0084	0.0051	0.0022							
9231	302.1	-204.3	-1993.4	89.7	445.0	-452.1	0.0084	0.0051	0.0022							
9232	277.3	-218.2	-1974.3	98.7	425.3	-500.7	0.0084	0.0051	0.0022							
9233	356.0	-181.5	-1949.3	72.2	530.3	-330.3	0.0084	0.0051	0.0022							
9234	338.9	-192.5	-1926.9	87.4	512.7	-383.8	0.0084	0.0051	0.0022							
9235	316.7	-204.7	-1908.9	100.8	493.8	-434.5	0.0084	0.0051	0.0022							
9236	289.5	-217.6	-1896.1	111.5	473.7	-483.1	0.0084	0.0051	0.0057							
9237	377.8	-184.5	-1850.1	77.5	569.2	-313.6	0.0084	0.0051	0.0057							
9238	359.8	-194.3	-1833.8	95.1	552.0	-366.3	0.0084	0.0051	0.0057							
9239	335.6	-205.2	-1822.1	110.9	533.4	-416.7	0.0084	0.0051	0.0057							
9240	305.2	-217.0	-1816.1	123.9	513.7	-465.2	0.0084	0.0051	0.0057							
9241	405.5	-187.7	-1748.6	80.8	597.2	-297.0	0.0084	0.0051	0.0057							
9242	386.7	-196.2	-1738.5	100.8	580.9	-348.8	0.0084	0.0051	0.0057							
9243	360.3	-205.8	-1733.7	119.5	563.4	-398.8	0.0084	0.0051	0.0057							
9244	326.1	-216.2	-1734.9	135.4	544.8	-447.2	0.0084	0.0051	0.0057							
9245	441.3	-189.9	-1645.1	81.3	613.2	-280.8	0.0084	0.0051	0.0057							
9246	422.2	-197.7	-1641.6	103.7	598.4	-331.7	0.0084	0.0051	0.0057							
9247	393.6	-206.0	-1644.1	125.9	582.7	-381.1	0.0084	0.0051	0.0057							
9248	354.8	-214.8	-1653.2	145.6	566.1	-429.2	0.0084	0.0051	0.0057							
9249	488.8	-187.8	-1538.6	78.5	615.7	-265.1	0.0084	0.0051	0.0140							
9250	470.1	-196.7	-1542.9	102.5	603.0	-314.9	0.0084	0.0051	0.0140							
9251	440.2	-204.9	-1553.8	128.3	589.9	-363.6	0.0084	0.0051	0.0140							
9252	396.1	-212.3	-1571.8	153.3	576.3	-411.1	0.0084	0.0051	0.0140							
9253	553.1	-176.3	-1424.9	71.7	603.3	-250.6	0.0084	0.0051	0.0140							
9254	536.0	-188.1	-1439.4	95.6	592.9	-299.0	0.0084	0.0051	0.0140							
9255	506.4	-199.5	-1461.2	124.4	583.1	-346.4	0.0084	0.0051	0.0140							
9256	457.3	-207.2	-1490.1	156.6	573.8	-393.0	0.0084	0.0051	0.0140							
9257	641.8	-151.1	-1300.2	62.4	574.0	-238.1	0.0084	0.0051	0.0140							
9258	626.0	-163.3	-1327.0	82.6	566.1	-285.0	0.0084	0.0051	0.0140							
9259	599.9	-181.3	-1362.4	110.8	560.1	-330.2	0.0084	0.0051	0.0140							
9260	549.0	-196.0	-1405.1	151.5	556.3	-374.6	0.0084	0.0051	0.0140							
9261	766.8	-111.9	-1160.9	55.2	524.4	-230.0	0.0441	0.0051	0.0140							
9262	748.2	-116.3	-1200.5	67.7	518.8	-275.6	0.0441	0.0051	0.0140							
9263	728.0	-135.2	-1250.7	86.5	517.7	-316.8	0.0084	0.0051	0.0140							
9264	684.4	-166.2	-1309.7	131.3	521.0	-356.4	0.0084	0.0051	0.0140							
9265	947.5	-61.8	-987.6	55.3	450.3	-228.2	0.0441	0.0140	0.0140							
9266	916.2	-50.2	-1042.0	62.9	445.4	-275.1	0.0441	0.0140	0.0140							
9267	896.5	-52.0	-1107.2	63.2	453.6	-310.7	0.0441	0.0051	0.0140							
9268	873.9	-86.6	-1182.4	93.9	469.5	-340.1	0.0441	0.0051	0.0140							
9269	1203.0	5.5	-705.5	-73.5	432.7	-226.1	0.0441	0.0140	0.0140							
9270	1151.6	25.1	-783.5	72.1	451.9	-273.9	0.0441	0.0140	0.0140							
9271	1124.2	40.8	-871.4	65.9	454.5	-315.2	0.0441	0.0140	0.0140							
9272	1123.7	49.9	-958.2	74.0	445.1	-330.1	0.0441	0.0140	0.0140							
9273	1535.7	118.9	-246.6	-179.2	363.2	-132.9	0.0446	0.0240	0.0244	36.59	68.18	66.85	0.00	-1.52	-1.97	0.0
9274	1490.5	113.2	-318.0	-142.2	383.5	-181.0	0.0450	0.0236	0.0244	35.34	67.24	65.04	0.00	-1.46	-2.03	0.0
9275	1474.7	113.8	-405.5	-108.3	386.8	-234.4	0.0454	0.0232	0.0244	34.54	67.44	64.13	0.00	-1.40	-2.12	0.0
9276	1467.6	141.4	-533.2	111.9	410.9	-308.9	0.0458	0.0228	0.0244	33.83	68.08	63.45	0.00	-1.29	-2.29	0.0
9277	-179.9	-202.2	-2391.1	44.5	-756.1	-209.3	0.0089	0.0150	0.0127	10.38	6.16	7.28	0.00	-0.32	-2.73	0.0
9278	-179.1	-193.1	-2396.3	45.4	-750.5	-242.2	0.0093	0.0147	0.0127	10.67	6.72	7.77	0.00	-0.32	-2.74	0.0
9279	-178.5	-182.9	-2407.9	44.5	-744.3	-276.2	0.0097	0.0143	0.0127	10.78	7.30	8.20	0.00	-0.32	-2.76	0.0
9280	-178.0	-172.0	-2424.4	42.2	-737.8	-310.8	0.0101	0.0138	0.0127	10.78	7.92	8.60	0.00	-0.32	-2.79	0.0
9281	-218.4	-210.0	-2316.4	26.3	-862.3	-234.9	0.0084	0.0051	0.0022							
9282	-212.7	-202.9	-2328.0	24.1	-849.3	-274.0	0.0084	0.0051	0.0022							
9283	-206.7	-194.6	-2346.3	-22.7	-834.9	-312.9	0.0084	0.0051	0.0022							
9284	-200.1	-185.7	-2370.3	-23.3	-818.3	-351.0	0.0084	0.0051	0.0022							
9285	-242.9	-214.3	-2262.9	-38.6	-942.4	-261.7	0.0084	0.0051	0.0022							
9286	-233.6	-209.7	-2277.3	-42.0	-923.4	-306.4	0.0084	0.0051	0.0022							
9287	-223.1	-204.3	-2298.9	-44.7	-901.5	-350.0	0.0084	0.0051	0.0022							
9288	-211.7	-198.5	-2326.5	-46.5	-876.3	-392.3	0.0084	0.0051	0.0022							
9289	-244.2	-214.6	-2241.3	-53.4	-991.3	-287.6	0.0084	0.0051	0.0022							
9290	-232.7	-212.9	-2254.8	-59.6	-967.6	-337.4	0.0084	0.0051	0.0022							
9291	-219.9	-210.9	-2275.5	-64.2	-940.1	-385.5	0.0084	0.0051	0.0022							
9292	-206.0	-208.4	-2302.2	-67.1	-908.6	-431.7	0.0084	0.0051	0.0022							
9293	-221.0	-211.9	-2255.1	-64.6	-1009.5	-312.1	0.0084	0.0051	0.0022							
9294	-209.5	-213.3	-2264.2	-72.8	-982.5	-366.5	0.0084	0.0051	0.0022							
9295	-196.6	-214.6	-2279.8	-78.8	-951.0	-418.6	0.0084	0.0051	0.0022							
9296	-182.8	-215.5	-2301.3	-82.6	-915.2	-467.9	0.0084	0.0051	0.0022							
9297	-176.5	-207.4	-2299.6	-71.2	-998.7	-335.1	0.0084	0.0051	0.0022							
9298	-166.5	-211.5	-2301.3	-80.5	-969.4	-393.4	0.0084	0.0051	0.0022							
9299	-155.5	-215.8	-2308.7	-87.4	-935.4	-448.7	0.0084	0.0051	0.0022							
9300	-144.1	-219.9	-2321.5	-91.7	-897.1	-500.6	0.0084	0.0051	0.0022							
9301	-117.3	-202.1	-2365.0	-73.5	-961.1	-356.5	0.0084	0.0051	0.0022							
9302	-109.9	-208.5	-2357.7	-83.1	-930.6	-417.9	0.0084	0.0051	0.0022							
9303	-102.2	-215.4	-2354.8	-90.2	-895.6	-475.7	0.0084	0.0051	0.0022							
9304	-94.5	-222.2	-2356.7	-94.7	-856.4	-529.5	0.0084	0.0051	0.0022							
9305	-50.4	-196.7	-2439.5	-72.2	-898.7	-375.9	0.0084	0.0051	0.0057							
9306	-46.4	-205.0	-2422.4	-81.3	-868.4	-439.6	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9307	-42.7	-214.0	-2408.7	-88.0	-834.0	-499.1	0.0084	0.0051	0.0057							
9308	-39.7	-223.2	-2399.1	-92.3	-795.9	-554.3	0.0084	0.0051	0.0057							
9309	16.8	-191.7	-2512.4	-67.9	-815.1	-393.0	0.0084	0.0051	0.0057							
9310	17.4	-201.6	-2485.7	-76.0	-786.3	-458.3	0.0084	0.0051	0.0057							
9311	17.1	-212.3	-2461.3	-82.0	-753.9	-518.7	0.0084	0.0051	0.0057							
9312	15.7	-223.1	-2440.5	-85.8	-718.5	-574.5	0.0084	0.0051	0.0057							
9313	80.1	-187.5	-2575.2	-61.4	-715.4	-407.7	0.0084	0.0051	0.0057							
9314	77.3	-198.5	-2539.5	-68.2	-689.1	-473.6	0.0084	0.0051	0.0057							
9315	72.8	-210.6	-2505.6	-73.4	-660.1	-534.5	0.0084	0.0051	0.0057							
9316	67.0	-222.8	-2474.8	-76.7	-628.7	-590.3	0.0084	0.0051	0.0057							
9317	136.1	-183.8	-2622.4	-53.0	-604.7	-419.6	0.0084	0.0051	0.0038							
9318	130.3	-196.1	-2579.0	-58.5	-582.0	-485.5	0.0084	0.0051	0.0038							
9319	122.7	-208.8	-2537.1	-62.6	-557.4	-546.2	0.0084	0.0051	0.0038							
9320	112.9	-222.1	-2498.4	-65.6	-531.3	-601.6	0.0084	0.0051	0.0057							
9321	183.9	-180.7	-2651.4	-43.4	-487.9	-428.3	0.0084	0.0051	0.0038							
9322	175.4	-194.2	-2601.6	-47.9	-469.5	-493.9	0.0084	0.0051	0.0038							
9323	165.2	-207.4	-2553.4	-51.1	-449.8	-553.6	0.0084	0.0051	0.0038							
9324	152.9	-221.0	-2509.0	-53.5	-429.2	-608.4	0.0084	0.0051	0.0038							
9325	223.8	-178.6	-2661.1	-33.0	-368.2	-433.5	0.0084	0.0051	0.0038							
9326	213.2	-192.4	-2606.7	-36.4	-355.0	-498.4	0.0084	0.0051	0.0038							
9327	200.4	-206.1	-2554.4	-39.2	-341.0	-557.2	0.0084	0.0051	0.0038							
9328	185.5	-219.9	-2505.8	-41.6	-326.1	-611.3	0.0084	0.0051	0.0038							
9329	255.4	-177.0	-2651.0	-22.8	-248.2	-434.8	0.0084	0.0051	0.0038							
9330	243.8	-191.1	-2594.3	-25.1	-240.4	-498.6	0.0084	0.0051	0.0038							
9331	230.0	-204.5	-2539.9	-27.3	-232.3	-556.6	0.0084	0.0051	0.0038							
9332	213.5	-218.5	-2489.2	-29.0	-223.9	-610.1	0.0084	0.0051	0.0038							
9333	279.5	-175.9	-2621.2	-13.0	-130.8	-432.4	0.0084	0.0051	0.0038							
9334	267.1	-189.9	-2564.1	-14.7	-128.2	-495.2	0.0084	0.0051	0.0038							
9335	252.1	-203.4	-2509.4	-16.2	-125.6	-552.2	0.0084	0.0051	0.0038							
9336	234.5	-217.4	-2459.0	-17.6	-123.2	-604.8	0.0084	0.0051	0.0038							
9337	296.3	-175.1	-2572.3	19.1	61.5	-426.5	0.0084	0.0051	0.0038							
9338	283.6	-188.9	-2516.4	23.7	58.0	-488.2	0.0084	0.0051	0.0038							
9339	268.2	-202.2	-2463.0	27.6	53.8	-544.3	0.0084	0.0051	0.0038							
9340	249.7	-215.8	-2414.4	30.3	48.9	-596.3	0.0084	0.0051	0.0038							
9341	-186.2	-247.4	-2498.6	52.9	-791.9	-228.8	0.0089	0.0150	0.0127	11.33	6.71	7.94	0.00	-0.37	-2.86	0.0
9342	-184.7	-237.7	-2499.6	55.6	-781.6	-266.0	0.0092	0.0147	0.0127	11.62	7.30	8.44	0.00	-0.38	-2.87	0.0
9343	-184.2	-226.7	-2508.4	56.2	-771.6	-304.2	0.0096	0.0143	0.0127	11.72	7.89	8.88	0.00	-0.37	-2.88	0.0
9344	-184.6	-214.7	-2522.8	55.9	-762.1	-342.0	0.0101	0.0138	0.0127	11.70	8.53	9.29	0.00	-0.37	-2.91	0.0
9345	-240.5	-255.3	-2398.5	33.1	-896.1	-256.2	0.0084	0.0051	0.0022							
9346	-234.4	-247.7	-2407.7	31.9	-880.5	-299.8	0.0084	0.0051	0.0022							
9347	-228.4	-238.7	-2423.2	29.8	-863.2	-342.8	0.0084	0.0051	0.0022							
9348	-222.4	-228.7	-2443.8	27.6	-843.6	-384.1	0.0084	0.0051	0.0022							
9349	-273.9	-256.0	-2306.9	-36.3	-958.9	-279.8	0.0084	0.0051	0.0022							
9350	-264.0	-251.1	-2320.4	-39.1	-939.2	-328.3	0.0084	0.0051	0.0022							
9351	-253.2	-245.3	-2340.7	-40.9	-916.6	-375.6	0.0084	0.0051	0.0022							
9352	-241.6	-238.8	-2366.8	-41.3	-890.5	-421.4	0.0084	0.0051	0.0022							
9353	-282.9	-252.2	-2247.9	-53.2	-983.9	-299.9	0.0084	0.0051	0.0022							
9354	-271.3	-250.6	-2261.5	-59.4	-961.8	-352.4	0.0084	0.0051	0.0022							
9355	-258.4	-248.8	-2282.2	-63.7	-936.0	-403.5	0.0084	0.0051	0.0022							
9356	-244.5	-246.5	-2309.1	-65.9	-906.4	-452.9	0.0084	0.0051	0.0022							
9357	-261.1	-244.4	-2227.9	-65.0	-978.0	-317.5	0.0084	0.0051	0.0022							
9358	-250.0	-246.1	-2237.8	-73.6	-954.0	-373.1	0.0084	0.0051	0.0022							
9359	-237.7	-248.0	-2254.4	-80.0	-926.1	-427.0	0.0084	0.0051	0.0022							
9360	-224.5	-249.8	-2277.1	-83.8	-894.4	-478.9	0.0084	0.0051	0.0022							
9361	-216.1	-234.9	-2243.3	-71.6	-950.2	-334.3	0.0084	0.0051	0.0022							
9362	-207.0	-239.5	-2246.8	-81.7	-924.7	-392.3	0.0084	0.0051	0.0022							
9363	-197.0	-244.7	-2256.1	-89.3	-895.2	-448.1	0.0084	0.0051	0.0022							
9364	-186.5	-250.0	-2271.1	-94.1	-862.0	-501.6	0.0084	0.0051	0.0022							
9365	-156.2	-224.9	-2283.2	-73.8	-903.5	-350.4	0.0084	0.0051	0.0022							
9366	-149.9	-231.9	-2278.7	-84.3	-877.1	-410.4	0.0084	0.0051	0.0022							
9367	-143.3	-239.9	-2279.0	-92.4	-846.9	-467.7	0.0084	0.0051	0.0022							
9368	-136.8	-248.3	-2284.3	-97.7	-813.1	-522.1	0.0084	0.0051	0.0022							
9369	-89.0	-215.3	-2336.1	-72.4	-839.4	-365.7	0.0084	0.0051	0.0057							
9370	-86.0	-224.4	-2323.0	-82.6	-813.0	-427.2	0.0084	0.0051	0.0057							
9371	-83.3	-234.6	-2313.6	-90.5	-783.0	-485.3	0.0084	0.0051	0.0057							
9372	-81.2	-245.5	-2308.5	-95.8	-750.0	-540.2	0.0084	0.0051	0.0057							
9373	-20.7	-206.6	-2391.8	-68.1	-759.7	-379.6	0.0084	0.0051	0.0057							
9374	-21.1	-217.3	-2370.2	-77.4	-734.3	-442.1	0.0084	0.0051	0.0057							
9375	-22.4	-229.4	-2351.3	-84.7	-705.8	-500.8	0.0084	0.0051	0.0057							
9376	-24.8	-242.3	-2336.1	-89.8	-674.7	-555.7	0.0084	0.0051	0.0057							
9377	44.1	-198.9	-2442.2	-61.5	-667.2	-391.7	0.0084	0.0051	0.0057							
9378	40.5	-211.0	-2412.8	-69.8	-643.9	-454.8	0.0084	0.0051	0.0057							
9379	35.5	-224.5	-2385.3	-76.2	-617.9	-513.5	0.0084	0.0051	0.0057							
9380	28.9	-238.9	-2361.1	-80.9	-589.9	-568.1	0.0084	0.0051	0.0057							
9381	102.5	-192.4	-2481.6	-53.4	-565.3	-401.7	0.0084	0.0051	0.0022							
9382	96.1	-205.6	-2445.3	-60.3	-544.9	-464.9	0.0084	0.0051	0.0022							
9383	87.8	-220.2	-2410.5	-65.9	-522.5	-523.2	0.0084	0.0051	0.0057							
9384	77.6	-235.6	-2378.8	-70.0	-498.5	-577.3	0.0084	0.0051	0.0057							
9385	153.2	-187.1	-2506.4	-44.1	-457.2	-409.1	0.0084	0.0051	0.0022							
9386	144.4	-201.1	-2464.6	-49.9	-440.5	-472.0	0.0084	0.0051	0.0022							
9387	133.3	-216.4	-2424.1	-54.5	-422.3	-529.8	0.0084	0.0051	0.0022							
9388	120.2	-232.6	-2386.7	-58.2	-403.1	-583.1	0.0084	0.0051	0.0022							
9389	195.8	-183.0	-2514.7	-34.4	-345.6	-413.6	0.0084	0.0051	0.0022							
9390	185.0	-197.5	-2469.0	-39.0	-333.3	-475.8	0.0084	0.0051	0.0022							
9391	172.0	-213.2	-2424.6	-42.8	-320.0	-532.9	0.0084	0.0051	0.0022							
9392	156.5	-229.8	-2383.2	-45.9	-306.0	-585.4	0.0084	0.0051	0.0022							
9393	230.4	-179.8	-2506.0	-24.7	-233.2	-414.8	0.0084	0.0051	0.0022							
9394	218.4	-194.6	-2457.9	-28.1	-225.6	-476.3	0.0084	0.0051	0.0022							
9395	203.7	-210.6	-2411.2	-31.2	-217.5	-532.5	0.0084	0.0051	0.0022							
9396	186.4	-227.4	-2367.8	-33.8	-209.0	-584.3	0.0084	0.0051	0.0022							
9397	257.7	-177.5	-2480.0	-15.4	-122.5	-412.8	0.0084	0.0051	0.0022							
9398	244.7	-192.4	-2431.2	-17.8	-119.7	-473.3	0.0084	0.0051	0.0022							
9399	229.0	-208.4	-2384.0	-20.0	-116.9	-528.7	0.0084	0.0051	0.0022							
9400	210.4	-225.2	-2340.2	-22.0	-114.0	-579.8	0.0084	0.0051	0.0022							
9401	278.3	-176.0	-2437.3	16.4	59.2	-407.7	0.0084	0.0051	0.0022							
9402	264.8	-190.9	-2389.3	20.5	56.5	-467.2	0.0084	0.0051	0.0022							
9403	248.2	-206.8	-2343.2	23.9	53.0	-521.6	0.0084	0.0051	0.0022							
9404	228.7	-223.4	-2300.7	26.5	49.0	-572.2	0.0084	0.0051	0.0022							
9405	242.4	-224.9	-2325.1	47.6	138.7	-622.7	0.0084	0.0051	0.0038							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9406	229.6	-232.5	-2305.8	48.4	132.3	-647.9	0.0084	0.0051	0.0038							
9407	247.5	-223.0	-2260.8	62.7	225.4	-608.0	0.0084	0.0051	0.0038							
9408	234.3	-230.3	-2244.6	63.6	216.1	-633.4	0.0084	0.0051	0.0038							
9409	249.8	-221.6	-2188.6	76.6	302.8	-591.5	0.0084	0.0051	0.0038							
9410	236.7	-228.1	-2175.9	78.5	291.5	-616.9	0.0084	0.0051	0.0038							
9411	251.8	-219.8	-2112.3	90.2	369.7	-573.7	0.0084	0.0051	0.0038							
9412	237.8	-226.1	-2103.3	91.5	357.1	-599.2	0.0084	0.0051	0.0038							
9413	257.6	-216.9	-2034.1	102.9	428.3	-555.0	0.0084	0.0051	0.0038							
9414	242.2	-222.9	-2028.6	104.6	414.7	-580.9	0.0084	0.0051	0.0038							
9415	263.8	-214.6	-1953.9	115.0	479.9	-535.8	0.0084	0.0051	0.0057							
9416	247.1	-219.9	-1952.3	117.4	465.6	-561.9	0.0084	0.0051	0.0057							
9417	273.9	-211.5	-1871.9	127.0	523.5	-516.2	0.0084	0.0051	0.0057							
9418	254.5	-216.6	-1874.4	129.7	508.9	-542.1	0.0084	0.0051	0.0057							
9419	287.3	-208.1	-1788.5	138.7	560.1	-496.0	0.0084	0.0051	0.0057							
9420	265.0	-212.4	-1795.3	142.1	545.2	-521.8	0.0084	0.0051	0.0057							
9421	304.9	-203.7	-1703.2	150.1	588.1	-474.8	0.0084	0.0051	0.0057							
9422	278.4	-207.3	-1715.0	154.5	573.3	-500.3	0.0084	0.0051	0.0057							
9423	331.2	-197.8	-1617.2	160.6	605.7	-452.3	0.0084	0.0051	0.0022							
9424	298.7	-200.3	-1634.4	166.5	591.4	-477.4	0.0084	0.0051	0.0022							
9425	371.6	-189.6	-1531.1	169.7	612.4	-428.4	0.0084	0.0051	0.0140							
9426	330.1	-190.9	-1554.3	178.1	599.0	-452.9	0.0084	0.0051	0.0140							
9427	435.9	-177.5	-1444.6	176.6	607.9	-402.9	0.0084	0.0051	0.0140							
9428	380.1	-177.6	-1474.1	189.9	596.3	-426.8	0.0084	0.0051	0.0140							
9429	540.8	-158.0	-1356.3	179.2	593.1	-375.4	0.0084	0.0051	0.0140							
9430	461.4	-158.1	-1392.0	203.3	583.7	-399.1	0.0084	0.0051	0.0140							
9431	713.2	-114.7	-1257.7	171.1	569.5	-345.4	0.0441	0.0051	0.0140							
9432	600.5	-125.3	-1301.0	218.5	564.2	-368.0	0.0441	0.0051	0.0140							
9433	990.8	20.4	-1107.5	159.5	552.8	-312.7	0.0441	0.0051	0.0140							
9434	842.0	-27.4	-1173.2	239.0	548.7	-332.8	0.0441	0.0051	0.0140							
9435	1442.2	219.8	-617.0	251.1	688.9	-310.8	0.0463	0.0223	0.0244	36.02	74.74	68.24	0.00	-1.35	-2.61	0.0
9436	1310.9	276.6	-730.6	362.4	675.3	-278.5	0.0466	0.0220	0.0244	33.70	71.48	64.31	0.00	-1.25	-2.61	0.0
9437	224.4	-235.2	-2222.5	44.0	133.8	-598.7	0.0084	0.0051	0.0022							
9438	210.8	-244.6	-2205.6	44.8	128.3	-624.0	0.0084	0.0051	0.0022							
9439	233.7	-233.7	-2165.7	59.7	215.3	-585.6	0.0084	0.0051	0.0022							
9440	219.6	-242.8	-2151.3	60.9	207.2	-610.9	0.0084	0.0051	0.0022							
9441	240.9	-232.2	-2102.4	74.9	288.4	-570.7	0.0084	0.0051	0.0022							
9442	226.1	-241.1	-2090.9	76.3	278.5	-596.2	0.0084	0.0051	0.0022							
9443	247.8	-230.9	-2034.3	89.5	353.1	-554.5	0.0084	0.0051	0.0022							
9444	232.2	-239.4	-2026.1	91.5	341.8	-580.2	0.0084	0.0051	0.0022							
9445	255.5	-229.7	-1963.2	103.7	409.2	-537.6	0.0084	0.0051	0.0022							
9446	238.6	-237.7	-1958.5	106.1	397.2	-563.3	0.0084	0.0051	0.0022							
9447	265.4	-228.3	-1890.1	117.7	457.3	-520.1	0.0084	0.0051	0.0057							
9448	246.6	-235.9	-1889.0	120.5	445.0	-546.1	0.0084	0.0051	0.0057							
9449	278.0	-226.9	-1815.5	131.4	497.5	-502.3	0.0084	0.0051	0.0057							
9450	256.8	-233.8	-1818.5	134.8	485.2	-528.5	0.0084	0.0051	0.0057							
9451	294.9	-224.9	-1740.2	144.7	529.4	-484.4	0.0084	0.0051	0.0057							
9452	270.4	-231.1	-1747.6	149.0	517.6	-510.6	0.0084	0.0051	0.0057							
9453	318.5	-222.2	-1665.0	157.5	552.3	-466.3	0.0084	0.0051	0.0057							
9454	289.3	-227.4	-1677.2	163.0	541.5	-492.5	0.0084	0.0051	0.0022							
9455	352.7	-218.1	-1590.7	169.3	564.9	-447.9	0.0084	0.0051	0.0022							
9456	316.8	-222.0	-1608.2	176.7	556.0	-474.0	0.0084	0.0051	0.0022							
9457	404.6	-211.5	-1517.3	179.1	566.2	-429.1	0.0084	0.0051	0.0140							
9458	358.6	-214.1	-1540.8	190.0	559.8	-454.8	0.0084	0.0051	0.0140							
9459	485.3	-201.0	-1442.6	185.9	554.2	-409.5	0.0084	0.0051	0.0140							
9460	423.6	-202.1	-1473.0	203.4	552.1	-434.5	0.0084	0.0051	0.0140							
9461	612.9	-182.8	-1360.3	185.2	526.1	-387.7	0.0084	0.0051	0.0140							
9462	526.6	-183.9	-1399.5	217.9	530.3	-411.5	0.0084	0.0051	0.0140							
9463	811.5	-135.5	-1251.1	167.3	483.4	-364.3	0.0441	0.0051	0.0140							
9464	696.4	-152.0	-1305.1	231.6	494.4	-381.9	0.0441	0.0051	0.0140							
9465	1103.6	21.3	-1035.4	139.2	470.9	-334.3	0.0441	0.0140	0.0140							
9466	973.8	-38.7	-1120.1	249.1	476.8	-350.5	0.0441	0.0051	0.0140							
9467	1520.9	201.0	-642.7	159.4	535.1	-268.9	0.0462	0.0224	0.0244	35.73	73.87	67.61	0.00	-1.37	-2.50	0.0
9468	1490.4	267.8	-729.1	334.0	562.7	-222.0	0.0466	0.0220	0.0244	36.06	76.15	68.71	0.00	-1.39	-2.62	0.0
9469	-177.1	-163.0	-2439.4	39.7	-731.4	-335.8	0.0106	0.0134	0.0127	10.65	8.40	8.84	0.00	-0.31	-2.81	0.0
9470	-175.9	-157.0	-2452.6	37.5	-724.3	-354.6	0.0109	0.0130	0.0127	10.46	8.72	8.95	0.00	-0.31	-2.82	0.0
9471	-194.3	-178.8	-2392.0	-23.8	-803.2	-380.4	0.0084	0.0051	0.0022							
9472	-189.7	-174.0	-2409.6	-24.6	-790.6	-402.5	0.0084	0.0051	0.0022							
9473	-202.1	-193.7	-2351.2	-47.4	-854.2	-424.8	0.0084	0.0051	0.0022							
9474	-195.0	-190.3	-2371.2	-47.9	-836.3	-448.3	0.0084	0.0051	0.0022							
9475	-194.5	-206.2	-2326.6	-68.2	-881.3	-466.7	0.0084	0.0051	0.0022							
9476	-185.9	-204.4	-2346.2	-68.4	-859.7	-491.5	0.0084	0.0051	0.0022							
9477	-171.5	-215.9	-2321.6	-83.9	-884.3	-505.0	0.0084	0.0051	0.0022							
9478	-163.2	-215.7	-2338.6	-84.1	-860.1	-530.6	0.0084	0.0051	0.0022							
9479	-134.8	-222.7	-2334.9	-93.3	-864.2	-539.2	0.0084	0.0051	0.0022							
9480	-128.1	-224.2	-2347.2	-93.3	-838.3	-565.6	0.0084	0.0051	0.0022							
9481	-88.5	-227.3	-2361.5	-96.3	-823.1	-569.2	0.0084	0.0051	0.0022							
9482	-84.3	-230.4	-2367.4	-96.2	-797.2	-596.3	0.0084	0.0051	0.0022							
9483	-37.6	-230.1	-2394.5	-93.9	-763.7	-594.7	0.0084	0.0051	0.0057							
9484	-36.3	-234.7	-2393.8	-94.0	-738.9	-621.9	0.0084	0.0051	0.0022							
9485	13.9	-231.6	-2427.2	-87.4	-688.9	-615.2	0.0084	0.0051	0.0057							
9486	12.2	-237.2	-2420.0	-87.6	-666.2	-642.4	0.0084	0.0051	0.0057							
9487	61.6	-232.1	-2453.7	-78.1	-602.6	-630.7	0.0084	0.0051	0.0057							
9488	57.0	-238.7	-2441.2	-78.3	-582.9	-657.8	0.0084	0.0051	0.0057							
9489	104.3	-232.2	-2471.2	-66.9	-509.7	-641.6	0.0084	0.0051	0.0057							
9490	97.8	-239.0	-2454.3	-67.4	-493.3	-668.5	0.0084	0.0051	0.0057							
9491	142.3	-231.4	-2477.2	-55.0	-412.2	-648.1	0.0084	0.0051	0.0038							
9492	133.6	-238.9	-2457.1	-55.4	-399.4	-674.7	0.0084	0.0051	0.0057							
9493	172.4	-231.1	-2471.0	-42.7	-314.1	-650.4	0.0084	0.0051	0.0038							
9494	162.4	-238.6	-2449.0	-43.0	-305.1	-676.3	0.0084	0.0051	0.0038							
9495	199.0	-229.8	-2452.9	-30.2	-217.0	-648.7	0.0084	0.0051	0.0038							
9496	188.2	-237.1	-2430.2	-31.4	-211.6	-674.4	0.0084	0.0051	0.0038							
9497	219.6	-227.9	-2422.9	-18.7	-121.2	-643.4	0.0084	0.0051	0.0038							
9498	207.4	-235.8	-2400.2	-19.2	-119.3	-668.9	0.0084	0.0051	0.0038							
9499	233.5	-226.5	-2379.8	31.7	45.0	-634.6	0.0084	0.0051	0.0038							
9500	221.0	-234.4	-2358.2	32.4	41.9	-659.9	0.0084	0.0051	0.0038							
9501	-184.9	-204.4	-2536.1	55.3	-753.2	-368.0	0.0105	0.0134	0.0127	11.56	9.03	9.55	0.00	-0.37	-2.92	0.0
9502	-184.2	-197.4	-2547.4	54.8	-743.3	-387.3	0.0108	0.0131	0.0127	11.36	9.37	9.67	0.00	-0.36	-2.93	0.0
9503	-217.1	-220.8	-2462.6	26.1	-826.0	-415.6	0.0084	0.0051	0.0022							
9504	-213.0	-215.2	-2477.9	24.6	-811.4	-439.0	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9505	-232.0	-233.4	-2390.3	-40.9	-867.5	-456.6	0.0084	0.0051	0.0022							
9506	-224.6	-229.3	-2409.2	-40.2	-848.9	-481.6	0.0084	0.0051	0.0022							
9507	-233.0	-244.4	-2333.5	-66.3	-880.7	-490.8	0.0084	0.0051	0.0022							
9508	-224.4	-242.6	-2353.4	-65.8	-860.2	-517.7	0.0084	0.0051	0.0022							
9509	-213.7	-251.0	-2298.5	-85.0	-866.9	-518.5	0.0084	0.0051	0.0022							
9510	-205.7	-251.3	-2316.4	-84.8	-845.3	-546.2	0.0084	0.0051	0.0022							
9511	-178.0	-254.1	-2286.4	-95.9	-833.5	-542.2	0.0084	0.0051	0.0022							
9512	-171.8	-256.5	-2300.2	-95.9	-811.1	-570.6	0.0084	0.0051	0.0022							
9513	-131.7	-254.9	-2291.8	-99.8	-784.4	-563.2	0.0084	0.0051	0.0022							
9514	-128.0	-259.3	-2300.0	-100.2	-762.2	-591.9	0.0084	0.0051	0.0022							
9515	-79.9	-254.3	-2307.7	-98.2	-722.1	-581.4	0.0084	0.0051	0.0022							
9516	-79.2	-260.2	-2309.8	-98.8	-700.8	-609.9	0.0084	0.0051	0.0022							
9517	-27.3	-252.7	-2327.3	-92.3	-648.7	-596.6	0.0084	0.0051	0.0057							
9518	-29.5	-259.9	-2323.5	-93.0	-629.0	-624.7	0.0084	0.0051	0.0057							
9519	22.8	-250.5	-2345.0	-83.3	-566.8	-608.6	0.0084	0.0051	0.0057							
9520	18.0	-258.6	-2336.1	-84.1	-549.2	-636.2	0.0084	0.0051	0.0057							
9521	68.6	-248.1	-2356.9	-72.3	-478.8	-617.2	0.0084	0.0051	0.0057							
9522	61.4	-256.9	-2343.7	-73.2	-464.0	-644.4	0.0084	0.0051	0.0057							
9523	108.5	-245.7	-2360.3	-60.3	-387.4	-622.3	0.0084	0.0051	0.0022							
9524	99.6	-254.9	-2343.9	-61.3	-375.6	-649.0	0.0084	0.0051	0.0057							
9525	143.0	-243.3	-2353.8	-47.8	-294.6	-624.0	0.0084	0.0051	0.0022							
9526	132.5	-252.8	-2335.4	-48.9	-286.0	-650.3	0.0084	0.0051	0.0022							
9527	171.3	-241.0	-2336.9	-35.5	-202.1	-622.3	0.0084	0.0051	0.0022							
9528	159.7	-250.7	-2317.4	-36.3	-196.9	-648.2	0.0084	0.0051	0.0022							
9529	194.2	-239.0	-2309.1	-23.4	-111.6	-617.4	0.0084	0.0051	0.0022							
9530	181.7	-248.5	-2289.6	-24.3	-109.7	-642.9	0.0084	0.0051	0.0022							
9531	211.7	-237.0	-2270.7	27.9	45.6	-609.4	0.0084	0.0051	0.0022							
9532	198.5	-246.5	-2252.1	28.4	43.2	-634.8	0.0084	0.0051	0.0022							
9533	284.2	-188.3	-1569.2	184.3	581.6	-474.4	0.0084	0.0051	0.0140							
9534	320.8	-173.1	-1497.9	197.8	579.6	-447.5	0.0084	0.0051	0.0140							
9535	377.9	-152.0	-1424.0	215.3	569.4	-419.5	0.0084	0.0051	0.0140							
9536	228.1	-178.1	-1579.9	185.7	558.1	-490.6	0.0084	0.0051	0.0140							
9537	253.8	-160.3	-1519.1	198.1	556.3	-463.0	0.0084	0.0051	0.0140							
9538	290.4	-135.9	-1454.2	215.8	549.5	-434.8	0.0084	0.0051	0.0140							
9539	167.0	-160.4	-1600.7	174.3	530.5	-499.4	0.0084	0.0051	0.0140							
9540	183.8	-143.5	-1547.5	185.1	530.0	-473.0	0.0084	0.0051	0.0140							
9541	208.3	-118.2	-1489.4	197.3	526.7	-446.6	0.0129	0.0110	0.0244	28.62	33.74	15.17	0.00	-0.36	-2.15	0.0
9542	204.0	-243.2	-2278.7	48.8	122.6	-691.5	0.0084	0.0051	0.0038							
9543	208.2	-240.7	-2219.8	64.8	204.2	-676.2	0.0084	0.0051	0.0038							
9544	210.4	-237.5	-2154.4	80.2	278.0	-658.6	0.0084	0.0051	0.0038							
9545	211.7	-234.1	-2085.1	94.4	343.3	-639.2	0.0084	0.0051	0.0038							
9546	214.2	-230.6	-2013.6	107.7	400.7	-619.0	0.0084	0.0051	0.0057							
9547	217.9	-226.3	-1940.8	121.1	450.7	-597.8	0.0084	0.0051	0.0057							
9548	223.5	-221.4	-1867.0	133.9	493.7	-575.6	0.0084	0.0051	0.0057							
9549	231.4	-215.7	-1792.3	146.8	529.3	-552.2	0.0084	0.0051	0.0057							
9550	242.4	-208.6	-1717.1	159.5	556.4	-527.5	0.0084	0.0051	0.0022							
9551	259.1	-199.5	-1641.9	171.9	574.1	-501.2	0.0084	0.0051	0.0022							
9552	164.1	-256.6	-2250.8	46.9	109.9	-748.7	0.0084	0.0051	0.0057							
9553	168.4	-252.9	-2193.6	64.1	190.4	-731.8	0.0084	0.0051	0.0057							
9554	170.0	-248.7	-2131.0	80.2	263.3	-712.0	0.0084	0.0051	0.0057							
9555	171.1	-243.6	-2064.6	95.1	328.5	-689.7	0.0084	0.0051	0.0057							
9556	172.4	-237.9	-1996.1	109.2	385.8	-665.5	0.0084	0.0051	0.0057							
9557	174.6	-231.5	-1926.5	122.6	435.3	-639.8	0.0084	0.0051	0.0057							
9558	178.5	-224.0	-1856.3	135.6	477.3	-612.5	0.0084	0.0051	0.0057							
9559	184.2	-215.4	-1785.8	148.3	511.2	-583.5	0.0084	0.0051	0.0022							
9560	193.2	-205.0	-1715.3	160.8	536.3	-552.8	0.0084	0.0051	0.0022							
9561	207.8	-192.3	-1644.9	173.3	552.2	-520.8	0.0084	0.0051	0.0022							
9562	120.5	-260.9	-2246.5	42.0	97.8	-795.8	0.0158	0.0051	0.0057							
9563	124.7	-256.3	-2191.0	59.3	175.8	-777.8	0.0158	0.0051	0.0057							
9564	126.5	-250.5	-2130.4	75.5	247.3	-755.5	0.0158	0.0051	0.0057							
9565	127.1	-243.8	-2066.3	90.2	311.2	-729.9	0.0158	0.0051	0.0057							
9566	127.6	-236.0	-2000.2	103.9	367.3	-701.6	0.0158	0.0051	0.0057							
9567	128.8	-227.3	-1933.0	116.6	415.4	-671.0	0.0158	0.0051	0.0057							
9568	130.9	-217.4	-1865.4	128.5	455.5	-638.4	0.0158	0.0051	0.0022							
9569	134.8	-206.0	-1797.8	139.9	487.1	-604.0	0.0158	0.0051	0.0022							
9570	141.4	-192.6	-1730.1	150.9	510.0	-568.2	0.0158	0.0051	0.0022							
9571	152.1	-176.7	-1661.6	162.6	524.5	-531.4	0.0084	0.0051	0.0022							
9572	75.2	-249.1	-2271.1	34.4	86.9	-822.4	0.0158	0.0051	0.0022							
9573	79.5	-243.9	-2216.5	50.5	160.3	-803.3	0.0158	0.0051	0.0022							
9574	81.6	-237.2	-2157.2	65.4	228.2	-779.1	0.0158	0.0051	0.0022							
9575	82.4	-229.1	-2094.5	78.9	289.2	-750.5	0.0158	0.0051	0.0057							
9576	82.8	-219.9	-2029.6	91.1	342.7	-718.5	0.0158	0.0051	0.0057							
9577	83.4	-209.7	-1963.4	102.1	388.3	-683.9	0.0158	0.0051	0.0022							
9578	84.8	-198.3	-1896.5	112.0	425.8	-647.2	0.0158	0.0051	0.0022							
9579	87.4	-185.7	-1829.3	121.3	455.0	-609.1	0.0158	0.0051	0.0022							
9580	91.8	-171.2	-1761.2	130.1	476.2	-570.2	0.0158	0.0051	0.0022							
9581	98.8	-153.6	-1691.3	139.3	489.8	-531.1	0.0158	0.0051	0.0022							
9582	31.1	-217.0	-2322.9	24.9	77.0	-812.4	0.0158	0.0051	0.0022							
9583	35.6	-211.7	-2268.3	38.3	142.9	-793.1	0.0158	0.0051	0.0022							
9584	38.4	-204.7	-2209.2	50.7	204.5	-768.1	0.0158	0.0051	0.0022							
9585	40.0	-196.5	-2146.4	61.8	260.5	-738.5	0.0158	0.0051	0.0022							
9586	41.0	-187.2	-2081.0	71.7	309.7	-705.4	0.0158	0.0051	0.0022							
9587	42.0	-177.3	-2013.8	80.4	351.8	-669.7	0.0158	0.0051	0.0022							
9588	43.3	-166.6	-1945.2	88.1	386.4	-632.4	0.0158	0.0051	0.0022							
9589	45.3	-155.0	-1875.5	95.2	413.7	-594.3	0.0158	0.0051	0.0022							
9590	48.5	-142.0	-1804.1	101.7	434.0	-556.0	0.0158	0.0051	0.0022							
9591	53.1	-126.6	-1729.9	108.3	448.1	-518.3	0.0158	0.0051	0.0022							
9592	-8.7	-172.7	-2380.5	15.6	68.7	-755.3	0.0262	0.0051	0.0127	2.34	12.09	4.83	0.00	-0.07	-2.68	0.0
9593	-3.9	-167.7	-2325.5	25.2	123.7	-736.8	0.0261	0.0052	0.0127	2.39	12.09	4.92	0.00	-0.06	-2.62	0.0
9594	-0.5	-161.3	-2265.8	34.3	176.2	-713.5	0.0260	0.0054	0.0127	2.49	12.06	5.09	0.00	-0.06	-2.56	0.0
9595	1.9	-153.9	-2202.3	42.6	224.8	-686.3	0.0257	0.0056	0.0127	2.66	12.09	5.37	0.00	-0.06	-2.50	0.0
9596	3.7	-145.9	-2135.8	50.0	268.3	-656.2	0.0253	0.0060	0.0127	2.89	12.17	5.75	0.00	-0.06	-2.44	0.0
9597	5.3	-137.5	-2066.8	56.4	306.1	-624.2	0.0249	0.0064	0.0127	3.18	12.28	6.23	0.00	-0.06	-2.37	0.0
9598	6.9	-129.0	-1995.8	62.0	337.9	-591.1	0.0244	0.0070	0.0127	3.54	12.38	6.78	0.00	-0.07	-2.31	0.0
9599	8.9	-120.1	-1923.0	67.1	363.9	-557.8	0.0238	0.0075	0.0127	3.93	12.44	7.36	0.00	-0.08	-2.24	0.0
9600	11.4	-110.6	-1847.7	71.8	384.6	-524.9	0.0232	0.0081	0.0127	4.38	12.47	7.99	0.00	-0.08	-2.17	0.0
9601	15.0	-99.7	-1768.6	76.5	400.5	-492.6	0.0225	0.0088	0.0127	4.90	12.57	8.69	0.00	-0.09	-2.10	0.0
9602	724.3	258.4	-959.7	486.5	594.7	-297.3	0.0471	0.0215	0.0244	23.31	50.99	44.92	0.00	-0.90	-2.37	0.0
9603	112.7	61.0	-1220.8	190.1	497.5	-350.7	0.0477	0.0120	0.0244	6.48	25.77	12.64	0.00	-0.18	-1.79	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9604	64.4	-13.2	-1358.0	121.8	455.9	-379.7	0.0483	0.0114	0.0244	4.12	17.50	8.14	0.00	-0.11	-1.79	0.0
9605	574.2	-54.8	-1242.5	298.3	538.0	-356.2	0.0441	0.0051	0.0140							
9606	292.6	-22.5	-1318.1	255.3	514.4	-381.5	0.0441	0.0051	0.0140							
9607	130.2	-44.0	-1408.9	176.7	487.5	-403.7	0.0084	0.0051	0.0140							
9608	460.9	-115.8	-1343.4	243.8	552.7	-390.1	0.0084	0.0051	0.0140							
9609	316.8	-97.2	-1390.2	235.5	534.4	-408.3	0.0084	0.0051	0.0140							
9610	197.9	-84.8	-1443.1	203.9	513.0	-423.4	0.0127	0.0112	0.0244	28.61	32.41	14.88	0.00	-0.34	-2.09	0.0
9611	19.2	-86.3	-1684.2	81.6	412.9	-462.8	0.0219	0.0094	0.0127	5.50	12.76	9.48	0.00	-0.09	-2.02	0.0
9612	59.4	-109.2	-1655.9	115.6	457.3	-485.3	0.0158	0.0051	0.0022							
9613	107.8	-134.9	-1627.3	148.2	496.3	-498.3	0.0158	0.0051	0.0022							
9614	25.5	-71.2	-1591.3	88.7	424.3	-434.4	0.0212	0.0101	0.0127	6.28	13.23	10.50	0.00	-0.09	-1.94	0.0
9615	69.8	-91.6	-1581.1	125.6	464.4	-456.2	0.0158	0.0051	0.0022							
9616	121.8	-116.9	-1568.8	158.1	499.4	-471.3	0.0158	0.0051	0.0022							
9617	33.6	-50.0	-1484.0	100.0	436.3	-406.2	0.0206	0.0107	0.0127	7.32	14.05	11.86	0.00	-0.10	-1.86	0.0
9618	85.8	-68.2	-1496.8	141.2	470.8	-427.4	0.0158	0.0051	0.0022							
9619	140.2	-98.7	-1505.2	174.2	501.4	-443.9	0.0131	0.0108	0.0244	22.01	26.83	11.84	0.00	-0.26	-2.07	0.0
9620	307.6	-212.7	-1560.3	198.9	550.5	-480.5	0.0084	0.0051	0.0140							
9621	356.8	-197.7	-1501.0	215.2	545.8	-458.6	0.0084	0.0051	0.0140							
9622	431.4	-176.8	-1436.3	236.3	530.2	-434.2	0.0084	0.0051	0.0140							
9623	245.0	-203.0	-1581.0	202.0	537.3	-504.8	0.0084	0.0051	0.0140							
9624	280.1	-183.9	-1530.4	217.3	534.2	-480.5	0.0084	0.0051	0.0140							
9625	328.5	-157.7	-1473.3	239.3	524.0	-453.6	0.0084	0.0051	0.0140							
9626	176.3	-183.9	-1614.9	188.8	519.9	-522.9	0.0084	0.0051	0.0140							
9627	199.4	-164.8	-1569.1	202.1	518.4	-497.5	0.0084	0.0051	0.0140							
9628	231.9	-136.1	-1516.0	217.4	512.7	-470.6	0.0129	0.0111	0.0244	30.28	35.27	15.96	0.00	-0.39	-2.20	0.0
9629	182.6	-260.4	-2182.4	45.6	119.7	-669.1	0.0084	0.0051	0.0022							
9630	191.0	-258.0	-2130.0	62.7	196.9	-655.2	0.0084	0.0051	0.0022							
9631	197.0	-255.4	-2072.2	79.2	267.1	-639.3	0.0084	0.0051	0.0022							
9632	202.2	-252.6	-2010.5	95.1	329.8	-622.0	0.0084	0.0051	0.0022							
9633	207.6	-249.6	-1946.3	110.6	384.9	-603.6	0.0084	0.0051	0.0057							
9634	214.0	-246.3	-1880.8	125.7	432.6	-584.5	0.0084	0.0051	0.0057							
9635	222.3	-242.4	-1814.7	140.6	472.9	-564.7	0.0084	0.0051	0.0057							
9636	233.6	-237.6	-1748.8	155.3	505.5	-544.4	0.0084	0.0051	0.0057							
9637	249.6	-231.4	-1683.9	169.8	529.9	-523.6	0.0084	0.0051	0.0022							
9638	273.3	-223.2	-1620.6	184.3	545.2	-502.1	0.0084	0.0051	0.0022							
9639	138.5	-281.9	-2161.0	44.5	108.5	-731.9	0.0084	0.0051	0.0057							
9640	146.4	-278.4	-2110.1	62.9	185.0	-716.7	0.0084	0.0051	0.0057							
9641	151.9	-274.2	-2054.5	80.5	254.9	-698.7	0.0084	0.0051	0.0057							
9642	156.2	-269.4	-1995.7	97.3	317.7	-678.6	0.0084	0.0051	0.0057							
9643	160.4	-263.9	-1935.0	113.4	373.0	-656.9	0.0084	0.0051	0.0057							
9644	165.4	-257.6	-1873.6	128.9	420.9	-633.8	0.0084	0.0051	0.0057							
9645	172.1	-250.3	-1812.4	143.8	461.1	-609.6	0.0084	0.0051	0.0057							
9646	181.5	-241.6	-1751.9	158.3	493.3	-584.4	0.0084	0.0051	0.0022							
9647	195.4	-231.0	-1692.6	172.6	517.2	-558.1	0.0084	0.0051	0.0022							
9648	216.6	-217.9	-1634.4	187.3	532.2	-530.8	0.0084	0.0051	0.0022							
9649	89.7	-294.5	-2168.3	40.5	97.8	-791.9	0.0158	0.0051	0.0057							
9650	97.1	-289.8	-2118.5	59.0	172.7	-775.3	0.0158	0.0051	0.0057							
9651	102.2	-283.9	-2064.8	76.6	241.7	-755.1	0.0158	0.0051	0.0057							
9652	106.1	-276.7	-2008.6	93.1	304.0	-731.9	0.0158	0.0051	0.0057							
9653	109.6	-268.4	-1951.0	108.5	358.9	-706.2	0.0158	0.0051	0.0057							
9654	113.6	-258.8	-1893.1	122.9	406.3	-678.6	0.0158	0.0051	0.0057							
9655	119.1	-247.8	-1835.5	136.4	445.7	-649.3	0.0158	0.0051	0.0022							
9656	126.8	-235.1	-1778.7	149.2	477.1	-618.4	0.0158	0.0051	0.0022							
9657	138.3	-220.1	-1722.6	161.6	500.0	-586.2	0.0158	0.0051	0.0022							
9658	155.0	-202.1	-1665.9	175.0	514.4	-552.7	0.0084	0.0051	0.0140							
9659	38.9	-284.8	-2215.0	33.7	87.7	-838.7	0.0158	0.0051	0.0022							
9660	46.3	-279.4	-2165.5	50.3	159.4	-820.8	0.0158	0.0051	0.0022							
9661	51.6	-272.0	-2112.8	66.0	226.0	-798.0	0.0158	0.0051	0.0022							
9662	55.8	-263.0	-2057.8	80.5	286.3	-771.2	0.0158	0.0051	0.0022							
9663	59.7	-252.5	-2001.5	93.7	339.5	-741.2	0.0158	0.0051	0.0057							
9664	63.9	-240.6	-1944.7	105.6	385.2	-708.6	0.0158	0.0051	0.0022							
9665	69.2	-227.4	-1887.8	116.4	422.9	-673.9	0.0158	0.0051	0.0022							
9666	76.1	-212.6	-1830.9	126.4	452.5	-637.5	0.0158	0.0051	0.0022							
9667	85.4	-195.8	-1773.2	136.0	473.8	-600.0	0.0158	0.0051	0.0022							
9668	97.8	-175.6	-1712.9	146.4	487.3	-561.7	0.0158	0.0051	0.0022							
9669	-9.5	-245.0	-2301.9	24.7	78.3	-847.7	0.0158	0.0051	0.0022							
9670	-2.0	-239.6	-2251.5	37.3	143.4	-828.7	0.0158	0.0051	0.0022							
9671	4.1	-232.3	-2197.8	49.2	204.7	-804.3	0.0158	0.0051	0.0022							
9672	9.4	-223.4	-2141.6	60.1	260.6	-775.3	0.0158	0.0051	0.0022							
9673	14.4	-213.4	-2083.6	70.0	310.2	-742.7	0.0158	0.0051	0.0022							
9674	19.5	-202.3	-2024.2	79.0	352.6	-707.4	0.0158	0.0051	0.0022							
9675	25.2	-190.4	-1963.8	87.1	387.7	-670.2	0.0158	0.0051	0.0022							
9676	31.7	-177.6	-1902.0	94.7	415.4	-632.0	0.0158	0.0051	0.0022							
9677	39.4	-163.2	-1838.1	102.2	435.9	-593.5	0.0158	0.0051	0.0022							
9678	48.2	-146.4	-1770.1	110.1	449.8	-555.3	0.0158	0.0051	0.0022							
9679	-49.6	-182.9	-2396.7	15.5	69.8	-786.5	0.0262	0.0051	0.0127	2.61	13.49	5.39	0.00	-0.12	-2.72	0.0
9680	-42.1	-178.0	-2344.9	22.9	123.2	-768.2	0.0261	0.0052	0.0127	2.64	13.35	5.43	0.00	-0.11	-2.66	0.0
9681	-35.3	-171.9	-2289.4	30.2	175.0	-745.2	0.0259	0.0054	0.0127	2.71	13.10	5.53	0.00	-0.10	-2.61	0.0
9682	-29.1	-164.8	-2230.8	37.0	223.3	-718.3	0.0257	0.0056	0.0127	2.83	12.84	5.71	0.00	-0.09	-2.55	0.0
9683	-23.0	-157.1	-2169.5	43.3	266.8	-688.6	0.0253	0.0060	0.0127	3.00	12.63	5.98	0.00	-0.09	-2.49	0.0
9684	-17.0	-149.0	-2106.1	49.2	304.7	-656.8	0.0248	0.0065	0.0127	3.25	12.48	6.35	0.00	-0.09	-2.43	0.0
9685	-10.9	-140.5	-2040.6	54.7	336.8	-624.1	0.0243	0.0070	0.0127	3.56	12.41	6.82	0.00	-0.09	-2.36	0.0
9686	-4.5	-131.6	-1972.8	59.9	363.1	-591.1	0.0238	0.0076	0.0127	3.94	12.39	7.37	0.00	-0.09	-2.30	0.0
9687	2.2	-121.9	-1902.0	65.3	384.1	-558.5	0.0231	0.0082	0.0127	4.39	12.42	7.99	0.00	-0.09	-2.23	0.0
9688	9.8	-110.7	-1826.3	70.8	400.2	-526.6	0.0225	0.0088	0.0127	4.93	12.56	8.72	0.00	-0.09	-2.17	0.0
9689	854.4	298.1	-952.9	564.0	526.3	-289.5	0.0470	0.0216	0.0244	26.56	57.81	51.09	0.00	-1.07	-2.47	0.0
9690	122.4	68.2	-1252.5	207.3	491.5	-376.9	0.0476	0.0121	0.0244	6.81	26.88	13.27	0.00	-0.19	-1.85	0.0
9691	73.1	-17.6	-1408.0	125.5	456.6	-412.9	0.0482	0.0114	0.0244	4.21	17.76	8.31	0.00	-0.11	-1.85	0.0
9692	670.4	-72.4	-1229.4	340.5	488.5	-361.4	0.0441	0.0051	0.0140							
9693	334.6	-27.2	-1340.2	291.8	492.0	-396.9	0.0441	0.0051	0.0140							
9694	141.2	-52.7	-1448.1	194.3	482.2	-432.4	0.0084	0.0051	0.0140							
9695	537.2	-139.5	-1357.0	271.1	504.5	-403.6	0.0084	0.0051	0.0140							
9696	365.3	-114.0	-1412.4	264.9	506.7	-426.1	0.0084	0.0051	0.0140							
9697	222.2	-97.5	-1474.1	226.1	499.3	-447.6	0.0126	0.0113	0.0244	30.55	34.19	15.80	0.00	-0.37	-2.14	0.0
9698	17.6	-96.6	-1743.7	77.1	412.9	-497.0	0.0218	0.0095	0.0127	5.57	12.81	9.57	0.00	-0.10	-2.09	0.0
9699	58.1	-127.5	-1700.0	119.3	458.6	-521.6	0.0158	0.0051	0.0022							
9700	111.8	-154.3	-1655.7	156.8	493.1	-528.9	0.0158	0.0051	0.0022							
9701	26.8	-80.7	-1650.6	85.9	424.6	-468.8	0.0212	0.0101	0.0127	6.37	13.29	10.61	0.00	-0.10	-2.01	0.0
9702	71.6	-108.1	-1626.5	131.9	464.9	-491.5	0.0158	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9703	130.3	-133.9	-1601.2	169.0	494.8	-501.1	0.0158	0.0051	0.0022							
9704	37.0	-57.9	-1540.5	99.5	436.7	-440.5	0.0205	0.0108	0.0127	7.40	14.06	11.94	0.00	-0.09	-1.92	0.0
9705	90.8	-81.7	-1541.4	151.1	470.0	-461.1	0.0158	0.0051	0.0022							
9706	153.4	-113.3	-1539.8	189.1	494.5	-472.2	0.0131	0.0109	0.0244	22.91	27.60	12.26	0.00	-0.28	-2.12	0.0
9707	-128.8	-222.4	-2363.1	-89.9	-813.0	-586.0	0.0084	0.0051	0.0022							
9708	-158.8	-212.3	-2361.1	-80.3	-832.8	-550.2	0.0084	0.0051	0.0022							
9709	-178.7	-200.5	-2371.1	-65.7	-834.1	-511.4	0.0084	0.0051	0.0022							
9710	-136.1	-215.1	-2389.2	-82.1	-785.1	-599.0	0.0084	0.0051	0.0022							
9711	-157.6	-204.1	-2392.7	-72.6	-800.4	-563.2	0.0084	0.0051	0.0022							
9712	-172.7	-192.4	-2402.4	-60.0	-803.2	-525.1	0.0084	0.0051	0.0022							
9713	-140.3	-202.1	-2427.7	-71.2	-750.8	-605.0	0.0084	0.0051	0.0022							
9714	-155.5	-192.9	-2431.0	-63.1	-764.4	-571.6	0.0084	0.0051	0.0022							
9715	-167.2	-182.6	-2436.5	-53.3	-770.2	-536.7	0.0129	0.0110	0.0127	9.63	11.30	9.79	0.00	-0.25	-2.91	0.0
9716	195.7	-245.5	-2329.7	31.7	-36.2	-704.1	0.0084	0.0051	0.0038							
9717	182.3	-247.4	-2371.1	-21.2	-122.7	-712.9	0.0084	0.0051	0.0038							
9718	163.7	-248.5	-2401.7	-33.7	-212.7	-717.7	0.0084	0.0051	0.0038							
9719	139.7	-249.1	-2421.9	-46.0	-304.3	-718.1	0.0084	0.0051	0.0038							
9720	111.0	-249.2	-2432.1	-58.2	-396.2	-714.5	0.0084	0.0051	0.0057							
9721	77.2	-248.0	-2432.8	-70.0	-486.4	-705.9	0.0084	0.0051	0.0057							
9722	39.0	-245.8	-2425.0	-80.3	-572.5	-692.2	0.0084	0.0051	0.0057							
9723	-3.1	-242.4	-2410.5	-88.6	-651.6	-673.3	0.0084	0.0051	0.0057							
9724	-47.3	-237.4	-2392.4	-93.7	-720.2	-649.0	0.0084	0.0051	0.0022							
9725	-90.5	-230.6	-2374.8	-94.4	-775.2	-619.6	0.0084	0.0051	0.0022							
9726	156.1	-259.4	-2301.1	28.6	-43.5	-761.6	0.0084	0.0051	0.0057							
9727	143.3	-261.2	-2342.7	-24.1	-130.0	-769.5	0.0084	0.0051	0.0057							
9728	125.0	-262.1	-2374.6	-36.8	-219.3	-772.5	0.0084	0.0051	0.0057							
9729	102.1	-261.5	-2396.9	-49.5	-310.0	-770.1	0.0084	0.0051	0.0057							
9730	74.4	-259.5	-2410.3	-61.4	-399.9	-762.1	0.0084	0.0051	0.0057							
9731	42.4	-256.2	-2415.6	-72.1	-486.8	-748.5	0.0084	0.0051	0.0057							
9732	7.0	-251.0	-2414.3	-81.0	-568.5	-729.0	0.0084	0.0051	0.0057							
9733	-31.1	-244.2	-2408.0	-87.3	-642.0	-703.6	0.0084	0.0051	0.0022							
9734	-69.7	-235.6	-2399.5	-90.0	-704.4	-672.4	0.0084	0.0051	0.0022							
9735	-106.3	-225.5	-2391.9	-88.3	-753.6	-636.3	0.0084	0.0051	0.0022							
9736	112.9	-264.2	-2296.1	23.4	-48.1	-808.8	0.0158	0.0051	0.0057							
9737	100.7	-265.8	-2338.3	-25.0	-132.9	-815.8	0.0158	0.0051	0.0057							
9738	83.8	-265.6	-2371.5	-37.5	-220.5	-816.4	0.0158	0.0051	0.0057							
9739	62.3	-263.7	-2396.3	-49.4	-308.7	-810.5	0.0158	0.0051	0.0057							
9740	36.9	-259.7	-2413.5	-60.1	-395.3	-798.2	0.0158	0.0051	0.0057							
9741	8.2	-253.7	-2423.8	-69.0	-477.9	-779.2	0.0158	0.0051	0.0057							
9742	-23.3	-245.8	-2428.6	-75.9	-554.2	-753.9	0.0158	0.0051	0.0022							
9743	-55.9	-236.0	-2429.5	-80.1	-621.8	-722.4	0.0158	0.0051	0.0022							
9744	-88.0	-224.8	-2428.3	-80.8	-678.6	-685.4	0.0158	0.0051	0.0022							
9745	-117.8	-212.7	-2427.1	-77.6	-723.1	-643.8	0.0084	0.0051	0.0022							
9746	67.9	-252.5	-2320.6	17.2	-49.3	-835.3	0.0158	0.0051	0.0022							
9747	56.8	-253.9	-2363.4	-22.8	-130.4	-841.4	0.0158	0.0051	0.0022							
9748	41.7	-252.9	-2398.5	-33.9	-214.2	-839.9	0.0158	0.0051	0.0022							
9749	22.8	-249.5	-2426.2	-44.0	-298.1	-830.8	0.0158	0.0051	0.0057							
9750	0.8	-244.0	-2446.8	-52.6	-379.8	-814.6	0.0158	0.0051	0.0057							
9751	-23.8	-236.3	-2461.3	-59.5	-457.0	-791.4	0.0158	0.0051	0.0022							
9752	-49.8	-226.8	-2470.6	-64.9	-527.5	-761.6	0.0158	0.0051	0.0022							
9753	-76.4	-215.9	-2475.7	-67.9	-589.6	-726.1	0.0158	0.0051	0.0022							
9754	-102.1	-204.2	-2477.8	-67.5	-641.7	-685.5	0.0158	0.0051	0.0022							
9755	-125.5	-192.1	-2478.1	-63.5	-683.0	-641.0	0.0158	0.0051	0.0022							
9756	24.2	-220.4	-2372.7	10.9	-47.1	-825.2	0.0158	0.0051	0.0022							
9757	14.4	-221.6	-2416.4	-17.1	-121.8	-831.0	0.0158	0.0051	0.0022							
9758	1.6	-220.2	-2453.1	-25.9	-199.1	-828.7	0.0158	0.0051	0.0022							
9759	-14.0	-216.4	-2482.8	-34.1	-276.4	-818.7	0.0158	0.0051	0.0022							
9760	-31.9	-210.6	-2505.7	-41.6	-351.5	-801.2	0.0158	0.0051	0.0022							
9761	-51.5	-203.0	-2522.3	-48.0	-422.3	-776.8	0.0158	0.0051	0.0022							
9762	-72.0	-194.1	-2533.2	-52.2	-487.2	-746.3	0.0158	0.0051	0.0022							
9763	-92.7	-184.5	-2538.9	-53.8	-544.7	-710.5	0.0158	0.0051	0.0022							
9764	-112.4	-174.7	-2540.3	-52.4	-593.8	-670.4	0.0158	0.0051	0.0022							
9765	-130.3	-165.3	-2538.0	-48.2	-633.9	-627.2	0.0158	0.0051	0.0022							
9766	-15.2	-176.1	-2430.6	6.2	-41.7	-768.0	0.0262	0.0051	0.0127	2.47	12.77	5.10	0.00	-0.08	-2.73	0.0
9767	-23.7	-177.4	-2474.8	-12.8	-107.2	-774.4	0.0261	0.0052	0.0127	2.43	12.30	5.01	0.00	-0.09	-2.78	0.0
9768	-34.3	-176.6	-2512.6	-21.0	-175.2	-773.9	0.0259	0.0054	0.0127	2.57	12.45	5.25	0.00	-0.10	-2.82	0.0
9769	-46.7	-173.7	-2543.7	-28.7	-243.7	-766.4	0.0257	0.0056	0.0127	2.74	12.46	5.54	0.00	-0.11	-2.86	0.0
9770	-60.7	-169.1	-2568.1	-35.1	-310.8	-752.2	0.0253	0.0060	0.0127	2.93	12.31	5.83	0.00	-0.13	-2.89	0.0
9771	-75.7	-163.2	-2585.8	-39.6	-374.8	-731.8	0.0249	0.0065	0.0127	3.13	12.03	6.12	0.00	-0.14	-2.92	0.0
9772	-91.3	-156.6	-2597.2	-42.0	-434.4	-705.9	0.0243	0.0070	0.0127	3.33	11.63	6.38	0.00	-0.15	-2.93	0.0
9773	-106.8	-149.7	-2602.5	-42.1	-488.6	-675.1	0.0238	0.0075	0.0127	3.53	11.13	6.60	0.00	-0.17	-2.94	0.0
9774	-121.6	-143.1	-2602.0	-40.1	-536.5	-640.3	0.0232	0.0082	0.0127	3.71	10.55	6.76	0.00	-0.18	-2.95	0.0
9775	-135.1	-137.5	-2596.3	-35.9	-577.4	-602.4	0.0225	0.0088	0.0127	3.87	9.92	6.87	0.00	-0.19	-2.94	0.0
9776	-174.6	-150.4	-2473.0	33.8	-714.1	-382.6	0.0113	0.0126	0.0127	10.16	9.15	9.07	0.00	-0.30	-2.84	0.0
9777	-171.7	-142.6	-2500.3	28.1	-698.6	-416.2	0.0119	0.0120	0.0127	9.70	9.66	9.11	0.00	-0.29	-2.87	0.0
9778	-168.2	-136.2	-2528.2	21.8	-680.0	-450.3	0.0126	0.0114	0.0127	9.17	10.12	9.06	0.00	-0.28	-2.90	0.0
9779	-184.2	-168.1	-2433.4	-24.8	-773.1	-426.6	0.0084	0.0051	0.0022							
9780	-176.9	-160.4	-2463.4	-24.7	-748.3	-453.3	0.0084	0.0051	0.0022							
9781	-170.0	-153.1	-2493.4	-25.0	-721.6	-479.4	0.0084	0.0051	0.0022							
9782	-187.9	-185.5	-2396.2	-46.4	-814.1	-469.2	0.0084	0.0051	0.0022							
9783	-180.0	-178.1	-2426.5	-43.6	-785.8	-488.4	0.0084	0.0051	0.0022							
9784	-171.9	-170.3	-2457.4	-41.0	-756.2	-506.6	0.0127	0.0112	0.0127	8.97	10.12	8.96	0.00	-0.25	-2.89	0.0
9785	-146.6	-133.5	-2585.4	-30.6	-611.1	-564.5	0.0219	0.0094	0.0127	4.02	9.31	6.92	0.00	-0.20	-2.93	0.0
9786	-144.5	-157.8	-2532.0	-42.5	-663.7	-586.7	0.0158	0.0051	0.0022							
9787	-143.1	-182.1	-2477.1	-57.5	-709.8	-601.4	0.0158	0.0051	0.0022							
9788	-156.0	-131.9	-2570.2	-24.6	-638.7	-525.8	0.0212	0.0101	0.0127	4.12	8.66	6.88	0.00	-0.21	-2.92	0.0
9789	-155.0	-153.3	-2523.4	-36.3	-685.6	-548.9	0.0158	0.0051	0.0022							
9790	-154.9	-175.1	-2475.3	-50.8	-726.5	-567.1	0.0158	0.0051	0.0022							
9791	-162.9	-132.2	-2551.6	-17.9	-660.4	-487.1	0.0206	0.0107	0.0127	4.20	8.05	6.80	0.00	-0.21	-2.89	0.0
9792	-162.9	-149.9	-2513.4	-29.4	-701.5	-510.9	0.0158	0.0051	0.0022							
9793	-164.4	-169.7	-2473.7	-43.3	-737.5	-532.3	0.0131	0.0108	0.0127	8.65	10.50	8.93	0.00	-0.24	-2.91	0.0
9794	-172.7	-256.5	-2324.8	-91.7	-792.1	-597.0	0.0084	0.0051	0.0022							
9795	-200.8	-248.7	-2346.1	-79.7	-822.9	-571.0	0.0084	0.0051	0.0022							
9796	-216.3	-238.7	-2383.0	-61.6	-836.9	-541.0	0.0084	0.0051	0.0022							
9797	-178.9	-251.3	-2367.7	-81.5	-773.7	-621.0	0.0084	0.0051	0.0022							
9798	-197.6	-241.2	-2391.4	-69.0	-797.6	-592.2	0.0084	0.0051	0.0022							
9799	-208.0	-230.1	-2423.1	-52.9	-808.8	-559.7	0.0084	0.0051	0.0022							
9800	-180.5	-238.3	-2426.2	-65.9	-747.9	-637.9	0.0084	0.0051	0.0022							
9801	-192.2	-229.2	-2444.9	-55.3	-766.6	-607.8	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9802	-199.3	-218.7	-2465.8	-42.6	-777.0	-575.0	0.0128	0.0111	0.0127	9.07	10.51	9.17	0.00	-0.29	-2.94	0.0
9803	170.8	-262.8	-2228.0	28.0	36.3	-680.5	0.0084	0.0051	0.0022							
9804	154.6	-264.8	-2265.6	-26.6	-112.4	-688.5	0.0084	0.0051	0.0022							
9805	133.3	-266.7	-2294.3	-39.3	-197.9	-693.1	0.0084	0.0051	0.0022							
9806	107.0	-268.2	-2314.2	-52.2	-285.2	-694.2	0.0084	0.0051	0.0022							
9807	75.5	-269.3	-2325.7	-64.8	-372.7	-691.5	0.0084	0.0051	0.0057							
9808	39.0	-269.8	-2329.8	-76.5	-458.7	-684.9	0.0084	0.0051	0.0057							
9809	-1.8	-269.5	-2328.1	-86.7	-541.3	-674.6	0.0084	0.0051	0.0057							
9810	-45.9	-268.3	-2322.8	-94.4	-618.3	-660.4	0.0084	0.0051	0.0057							
9811	-91.2	-265.9	-2317.6	-98.6	-687.4	-642.6	0.0084	0.0051	0.0022							
9812	-134.9	-261.9	-2316.7	-98.0	-746.4	-621.3	0.0084	0.0051	0.0022							
9813	127.3	-284.8	-2206.5	25.4	-36.6	-743.8	0.0084	0.0051	0.0057							
9814	111.5	-286.7	-2245.3	-29.4	-119.0	-751.3	0.0084	0.0051	0.0057							
9815	90.9	-287.8	-2276.0	-42.8	-204.5	-754.6	0.0084	0.0051	0.0057							
9816	65.4	-287.8	-2299.0	-56.0	-291.4	-753.3	0.0084	0.0051	0.0057							
9817	35.3	-286.8	-2315.1	-68.2	-377.8	-747.4	0.0084	0.0051	0.0057							
9818	1.1	-284.4	-2325.4	-78.8	-462.0	-736.9	0.0084	0.0051	0.0057							
9819	-36.4	-280.7	-2331.7	-87.2	-541.8	-721.8	0.0084	0.0051	0.0057							
9820	-75.7	-275.4	-2336.1	-92.4	-615.2	-702.2	0.0084	0.0051	0.0022							
9821	-114.7	-268.5	-2341.7	-93.7	-680.1	-678.3	0.0084	0.0051	0.0022							
9822	-150.8	-260.1	-2351.4	-90.0	-734.7	-650.3	0.0084	0.0051	0.0022							
9823	79.0	-297.8	-2213.9	21.1	-40.7	-804.1	0.0158	0.0051	0.0057							
9824	64.2	-299.4	-2253.8	-29.8	-122.4	-811.1	0.0158	0.0051	0.0057							
9825	44.9	-299.4	-2287.0	-42.9	-207.0	-812.6	0.0158	0.0051	0.0057							
9826	21.4	-297.5	-2313.8	-55.2	-292.7	-808.6	0.0158	0.0051	0.0057							
9827	-5.9	-293.7	-2335.2	-65.9	-377.2	-799.1	0.0158	0.0051	0.0057							
9828	-36.4	-288.0	-2352.2	-74.4	-458.7	-784.0	0.0158	0.0051	0.0022							
9829	-68.7	-280.4	-2366.3	-80.1	-535.0	-763.6	0.0158	0.0051	0.0022							
9830	-101.5	-271.1	-2379.1	-82.5	-604.2	-737.8	0.0158	0.0051	0.0022							
9831	-132.9	-260.3	-2392.7	-80.9	-664.6	-707.1	0.0158	0.0051	0.0022							
9832	-160.8	-248.6	-2408.8	-74.9	-714.4	-671.8	0.0084	0.0051	0.0022							
9833	28.9	-288.4	-2261.0	16.3	-42.0	-851.2	0.0158	0.0051	0.0022							
9834	15.5	-289.7	-2302.3	-25.8	-121.5	-857.5	0.0158	0.0051	0.0022							
9835	-1.5	-288.4	-2338.1	-36.9	-203.8	-857.1	0.0158	0.0051	0.0022							
9836	-21.7	-284.6	-2368.7	-46.6	-286.7	-850.0	0.0158	0.0051	0.0022							
9837	-44.7	-278.5	-2394.6	-54.3	-367.9	-836.3	0.0158	0.0051	0.0022							
9838	-69.5	-270.3	-2416.6	-59.8	-445.2	-816.2	0.0158	0.0051	0.0022							
9839	-95.2	-260.3	-2435.6	-62.9	-516.8	-789.9	0.0158	0.0051	0.0022							
9840	-120.4	-249.0	-2452.5	-63.3	-580.9	-757.9	0.0158	0.0051	0.0022							
9841	-143.6	-237.0	-2468.3	-60.2	-636.1	-720.7	0.0158	0.0051	0.0022							
9842	-163.7	-224.8	-2483.6	-53.5	-681.0	-678.9	0.0158	0.0051	0.0022							
9843	-18.8	-248.6	-2348.8	11.6	-40.3	-860.4	0.0158	0.0051	0.0022							
9844	-30.4	-249.8	-2391.4	-16.9	-114.8	-866.4	0.0158	0.0051	0.0022							
9845	-44.3	-248.4	-2428.9	-24.2	-191.9	-864.9	0.0158	0.0051	0.0022							
9846	-60.4	-244.5	-2461.4	-30.5	-269.3	-855.8	0.0158	0.0051	0.0022							
9847	-78.0	-238.7	-2489.1	-35.5	-344.6	-839.5	0.0158	0.0051	0.0022							
9848	-96.6	-231.1	-2512.2	-39.4	-416.0	-816.4	0.0158	0.0051	0.0022							
9849	-115.4	-222.5	-2531.2	-41.6	-481.9	-787.1	0.0158	0.0051	0.0022							
9850	-133.5	-213.5	-2546.5	-41.2	-540.9	-752.4	0.0158	0.0051	0.0022							
9851	-150.2	-204.6	-2558.4	-38.1	-591.9	-713.1	0.0158	0.0051	0.0022							
9852	-164.8	-196.5	-2567.4	-32.5	-634.4	-670.3	0.0158	0.0051	0.0022							
9853	-58.2	-186.4	-2444.4	8.5	-35.2	-799.3	0.0262	0.0051	0.0127	2.69	13.92	5.56	0.00	-0.13	-2.77	0.0
9854	-67.9	-188.0	-2487.4	-7.5	-100.4	-806.0	0.0261	0.0052	0.0127	2.69	13.59	5.53	0.00	-0.14	-2.82	0.0
9855	-78.8	-187.7	-2525.3	-12.6	-168.2	-805.8	0.0259	0.0054	0.0127	2.82	13.64	5.77	0.00	-0.15	-2.86	0.0
9856	-90.7	-185.6	-2557.9	-17.3	-236.3	-798.9	0.0257	0.0057	0.0127	2.99	13.58	6.05	0.00	-0.17	-2.90	0.0
9857	-103.3	-182.1	-2585.1	-20.8	-303.1	-785.4	0.0253	0.0060	0.0127	3.19	13.38	6.35	0.00	-0.18	-2.93	0.0
9858	-116.2	-177.5	-2607.0	-22.7	-367.1	-765.8	0.0248	0.0065	0.0127	3.41	13.06	6.66	0.00	-0.20	-2.96	0.0
9859	-129.0	-172.5	-2623.6	-22.8	-427.1	-740.6	0.0243	0.0070	0.0127	3.64	12.63	6.96	0.00	-0.21	-2.98	0.0
9860	-141.2	-167.4	-2635.1	-20.9	-482.0	-710.6	0.0237	0.0076	0.0127	3.87	12.12	7.23	0.00	-0.22	-3.00	0.0
9861	-152.3	-163.0	-2641.8	-17.3	-531.0	-676.6	0.0231	0.0082	0.0127	4.09	11.55	7.44	0.00	-0.23	-3.01	0.0
9862	-161.7	-159.6	-2643.9	12.1	-573.6	-639.3	0.0225	0.0088	0.0127	5.27	13.40	9.33	0.00	-0.29	-3.03	0.0
9863	-183.0	-189.2	-2564.1	53.1	-729.5	-417.3	0.0113	0.0127	0.0127	11.13	9.91	9.87	0.00	-0.36	-2.95	0.0
9864	-181.0	-178.6	-2585.9	49.9	-709.6	-452.4	0.0119	0.0121	0.0127	10.73	10.56	10.02	0.00	-0.35	-2.97	0.0
9865	-178.8	-169.1	-2607.8	46.0	-686.7	-487.0	0.0125	0.0114	0.0127	10.25	11.19	10.08	0.00	-0.34	-3.00	0.0
9866	-208.1	-208.5	-2499.8	23.5	-791.5	-464.7	0.0084	0.0051	0.0022							
9867	-201.4	-199.8	-2528.4	22.8	-763.6	-493.3	0.0084	0.0051	0.0022							
9868	-195.4	-191.4	-2556.7	21.6	-734.0	-520.9	0.0084	0.0051	0.0022							
9869	-216.5	-223.7	-2435.3	-37.0	-826.0	-504.6	0.0084	0.0051	0.0022							
9870	-207.1	-215.1	-2468.6	-31.8	-796.5	-526.2	0.0084	0.0051	0.0022							
9871	-198.5	-206.1	-2502.0	-27.0	-765.3	-546.0	0.0126	0.0113	0.0127	8.88	9.90	8.81	0.00	-0.29	-2.95	0.0
9872	-168.9	-157.9	-2641.0	20.8	-609.3	-601.6	0.0218	0.0095	0.0127	5.63	12.92	9.66	0.00	-0.31	-3.03	0.0
9873	-176.1	-190.8	-2571.6	-26.2	-666.9	-629.9	0.0158	0.0051	0.0022							
9874	-177.6	-214.8	-2495.7	-45.3	-711.3	-640.8	0.0158	0.0051	0.0022							
9875	-174.2	-158.9	-2634.0	29.7	-639.5	-563.0	0.0212	0.0102	0.0127	5.93	12.35	9.87	0.00	-0.32	-3.02	0.0
9876	-184.1	-188.2	-2572.0	-20.0	-691.6	-592.0	0.0158	0.0051	0.0022							
9877	-186.1	-208.3	-2504.9	-37.1	-730.7	-607.0	0.0158	0.0051	0.0022							
9878	-177.0	-161.7	-2623.9	38.9	-663.9	-523.9	0.0205	0.0108	0.0127	6.21	11.80	10.03	0.00	-0.33	-3.01	0.0
9879	-189.8	-186.9	-2571.2	15.5	-710.6	-553.6	0.0158	0.0051	0.0022							
9880	-192.4	-204.1	-2514.1	-28.7	-744.5	-572.3	0.0130	0.0109	0.0127	8.58	10.28	8.81	0.00	-0.28	-2.96	0.0
9881	297.2	-143.9	-2390.5	-9.5	170.7	148.0	0.0084	0.0051	0.0022							
9882	299.4	-139.7	-2369.3	-2.8	171.6	-108.9	0.0084	0.0051	0.0022							
9883	298.3	-140.3	-2342.9	4.2	171.0	-180.0	0.0084	0.0051	0.0022							
9884	294.0	-145.4	-2311.5	10.9	168.9	-248.0	0.0084	0.0051	0.0022							
9885	313.5	-144.6	-2327.0	-12.1	268.4	143.8	0.0084	0.0051	0.0022							
9886	316.0	-140.4	-2305.5	-2.7	268.8	-106.6	0.0084	0.0051	0.0022							
9887	315.0	-141.0	-2279.3	7.1	266.9	-175.6	0.0084	0.0051	0.0022							
9888	310.6	-146.0	-2248.9	16.2	262.9	-241.8	0.0084	0.0051	0.0022							
9889	327.9	-146.9	-2252.5	-14.8	354.2	139.9	0.0084	0.0051	0.0022							
9890	330.8	-142.7	-2230.8	-3.2	353.8	-103.3	0.0084	0.0051	0.0022							
9891	330.0	-143.1	-2205.2	10.2	350.8	-170.0	0.0084	0.0051	0.0022							
9892	325.8	-147.9	-2176.1	21.5	345.2	-234.0	0.0084	0.0051	0.0022							
9893	342.1	-150.6	-2169.2	-17.8	426.6	136.7	0.0084	0.0051	0.0022							
9894	345.5	-146.4	-2147.4	-4.0	425.6	-99.3	0.0084	0.0051	0.0022							
9895	345.1	-146.6	-2122.6	13.0	421.5	-163.3	0.0084	0.0051	0.0022							
9896	341.1	-151.0	-2095.3	26.3	414.7	-224.9	0.0084	0.0051	0.0022							
9897	357.5	-155.8	-2079.2	-20.8	485.3	133.9	0.0084	0.0051	0.0022							
9898	361.5	-151.5	-2057.3	-5.1	483.5	-94.6	0.0084	0.0051	0.0022							
9899	361.6	-151.5	-2033.7	15.3	478.6	-155.8	0.0084	0.0051	0.0022							
9900	357.8	-155.4	-2008.4	30.4	470.8	-214.7	0.0084	0.0073	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9901	375.2	-162.0	-1984.1	-23.8	530.4	131.7	0.0084	0.0051	0.0022							
9902	379.8	-157.7	-1962.3	-6.3	527.8	-89.3	0.0084	0.0051	0.0022							
9903	380.4	-157.4	-1939.7	16.7	522.2	-147.6	0.0084	0.0051	0.0022							
9904	377.0	-160.8	-1916.8	33.5	513.9	-203.9	0.0084	0.0051	0.0022							
9905	396.2	-168.9	-1885.3	-26.6	562.1	130.1	0.0084	0.0051	0.0057							
9906	401.2	-164.4	-1863.4	-7.7	558.7	-83.6	0.0084	0.0051	0.0057							
9907	402.3	-163.7	-1842.1	17.3	552.7	-139.0	0.0084	0.0051	0.0057							
9908	399.4	-166.6	-1821.5	35.6	544.3	-192.8	0.0084	0.0073	0.0057							
9909	421.4	-175.2	-1783.6	-29.0	580.6	128.9	0.0084	0.0051	0.0057							
9910	426.8	-170.3	-1761.5	-9.0	576.6	-77.6	0.0084	0.0051	0.0057							
9911	428.4	-169.3	-1741.4	17.0	570.3	-130.4	0.0084	0.0051	0.0057							
9912	426.1	-171.9	-1723.2	36.3	562.0	-181.9	0.0084	0.0051	0.0057							
9913	452.4	-178.8	-1677.9	-30.7	586.0	128.3	0.0084	0.0051	0.0057							
9914	458.1	-173.3	-1655.3	-10.0	581.4	76.3	0.0084	0.0051	0.0140							
9915	460.1	-171.9	-1636.2	15.5	575.1	-122.0	0.0084	0.0051	0.0140							
9916	458.4	-174.4	-1620.5	35.6	567.2	-171.4	0.0084	0.0051	0.0057							
9917	491.3	-177.3	-1561.7	-31.4	578.6	128.2	0.0084	0.0051	0.0140							
9918	497.0	-171.1	-1537.7	-10.5	573.6	78.2	0.0084	0.0051	0.0140							
9919	499.4	-169.3	-1519.4	13.0	567.3	-114.2	0.0084	0.0051	0.0140							
9920	498.3	-171.8	-1506.8	33.4	560.0	-161.9	0.0084	0.0051	0.0140							
9921	540.4	-169.0	-1426.7	-31.2	559.7	129.0	0.0084	0.0051	0.0140							
9922	545.8	-162.3	-1400.5	-10.4	554.3	80.4	0.0084	0.0051	0.0140							
9923	548.4	-160.2	-1382.8	9.7	548.2	-107.2	0.0084	0.0051	0.0140							
9924	548.1	-162.6	-1373.6	30.0	541.6	-153.9	0.0084	0.0051	0.0140							
9925	601.3	-153.8	-1270.8	-30.2	536.5	131.5	0.0084	0.0051	0.0140							
9926	604.7	-145.7	-1241.8	-12.8	530.8	83.2	0.0084	0.0051	0.0140							
9927	607.3	-143.3	-1224.4	8.9	524.9	-101.7	0.0084	0.0051	0.0140							
9928	609.3	-146.6	-1218.5	26.2	519.0	-148.1	0.0084	0.0051	0.0140							
9929	672.1	-132.1	-1087.5	-28.0	535.8	136.4	0.0084	0.0051	0.0140							
9930	666.2	-117.9	-1054.6	-17.5	530.3	87.7	0.0084	0.0051	0.0140							
9931	668.7	-115.4	-1037.1	11.1	524.6	-98.5	0.0084	0.0051	0.0140							
9932	679.6	-124.6	-1035.0	21.6	518.6	-145.5	0.0084	0.0051	0.0140							
9933	741.3	-104.8	-859.0	-26.5	557.3	145.0	0.0531	0.0051	0.0140							
9934	700.4	-71.6	-819.1	-24.7	556.2	95.7	0.0531	0.0051	0.0140							
9935	702.6	-69.2	-801.4	-27.4	550.3	-98.9	0.0531	0.0051	0.0140							
9936	747.6	-97.7	-805.9	-19.4	539.7	-146.8	0.0531	0.0051	0.0140							
9937	776.3	-60.1	-583.6	84.6	565.9	159.7	0.0531	0.0051	0.0140							
9938	637.7	-16.6	-539.2	54.5	579.5	120.5	0.0531	0.0051	0.0140							
9939	639.1	-14.8	-522.0	-61.2	572.6	-115.1	0.0531	0.0051	0.0140							
9940	780.9	-54.5	-531.8	-90.8	546.3	-154.1	0.0531	0.0051	0.0140							
9941	738.5	-25.7	-474.0	177.9	504.5	313.9	0.0532	0.0177	0.0244	18.75	56.37	40.79	0.00	-1.02	-1.74	0.0
9942	478.4	-111.9	-490.4	35.2	519.5	190.5	0.0531	0.0155	0.0244	13.54	46.29	29.41	0.00	-0.80	-1.48	0.0
9943	478.4	-110.5	-474.1	-38.3	513.7	-174.7	0.0531	0.0155	0.0244	13.49	46.13	29.31	0.00	-0.81	-1.45	0.0
9944	740.6	-23.9	-425.6	-181.6	482.1	-291.8	0.0532	0.0155	0.0244	18.59	63.95	40.43	0.00	-1.01	-1.66	0.0
9945	271.1	-127.7	-2208.5	-7.9	170.3	139.5	0.0084	0.0051	0.0022							
9946	273.7	-123.0	-2189.3	-2.3	171.1	-116.5	0.0084	0.0051	0.0022							
9947	273.1	-122.7	-2167.2	3.3	170.6	-177.9	0.0084	0.0051	0.0022							
9948	269.2	-126.5	-2142.2	8.8	168.7	-236.9	0.0084	0.0051	0.0022							
9949	291.0	-128.3	-2159.5	-10.9	257.3	135.5	0.0084	0.0051	0.0022							
9950	293.9	-123.6	-2140.2	-3.1	257.7	-114.5	0.0084	0.0051	0.0022							
9951	293.3	-123.2	-2118.2	6.0	256.2	-174.1	0.0084	0.0051	0.0022							
9952	289.3	-127.0	-2093.8	13.6	252.8	-231.4	0.0084	0.0073	0.0022							
9953	309.3	-130.6	-2102.2	-14.3	333.1	131.8	0.0084	0.0051	0.0022							
9954	312.5	-125.8	-2082.8	-4.5	333.0	-111.8	0.0084	0.0051	0.0022							
9955	312.2	-125.3	-2061.3	8.9	330.5	-169.2	0.0084	0.0051	0.0022							
9956	308.2	-128.9	-2037.7	18.4	325.8	-224.3	0.0084	0.0051	0.0022							
9957	326.9	-134.4	-2037.5	-17.8	395.9	128.4	0.0084	0.0051	0.0022							
9958	330.6	-129.5	-2018.2	-6.0	395.2	-108.5	0.0084	0.0051	0.0022							
9959	330.5	-128.9	-1997.3	11.6	391.9	-163.3	0.0084	0.0051	0.0022							
9960	326.6	-132.3	-1974.8	22.9	386.0	-216.2	0.0084	0.0051	0.0022							
9961	344.5	-139.7	-1966.4	-21.4	444.9	125.5	0.0084	0.0051	0.0022							
9962	348.7	-134.6	-1947.2	-7.7	443.6	-104.5	0.0084	0.0051	0.0022							
9963	348.9	-133.7	-1926.9	13.8	439.6	-156.7	0.0084	0.0051	0.0022							
9964	345.2	-136.8	-1905.8	27.0	433.0	-207.1	0.0084	0.0051	0.0022							
9965	362.4	-146.0	-1889.4	-25.0	480.4	123.1	0.0084	0.0051	0.0022							
9966	367.0	-140.6	-1870.3	-9.4	478.3	-100.1	0.0084	0.0051	0.0022							
9967	367.6	-139.5	-1850.9	15.3	473.7	-149.6	0.0084	0.0051	0.0022							
9968	364.2	-142.4	-1831.3	30.4	466.7	-197.6	0.0084	0.0051	0.0022							
9969	381.0	-152.7	-1807.1	-28.4	503.0	121.4	0.0084	0.0051	0.0057							
9970	386.0	-147.0	-1788.0	-11.0	500.2	-95.1	0.0084	0.0051	0.0057							
9971	387.0	-145.6	-1769.4	16.2	495.2	-142.3	0.0084	0.0051	0.0057							
9972	384.0	-148.3	-1751.5	33.0	488.1	-187.9	0.0084	0.0051	0.0057							
9973	400.7	-158.9	-1718.6	-31.3	514.8	120.3	0.0084	0.0051	0.0057							
9974	405.9	-152.7	-1699.2	-12.5	511.5	-89.9	0.0084	0.0051	0.0057							
9975	407.3	-150.9	-1681.4	16.3	506.2	-134.9	0.0084	0.0051	0.0057							
9976	404.8	-153.6	-1665.3	34.5	499.1	-178.6	0.0084	0.0051	0.0057							
9977	421.8	-163.3	-1619.1	-33.6	519.9	120.1	0.0084	0.0051	0.0140							
9978	427.0	-156.4	-1598.7	-13.7	516.0	-84.5	0.0084	0.0051	0.0140							
9979	428.7	-154.3	-1581.7	15.5	510.6	-127.7	0.0084	0.0051	0.0140							
9980	426.8	-157.0	-1567.9	34.9	503.7	-169.9	0.0084	0.0051	0.0140							
9981	444.0	-164.6	-1499.4	-35.1	523.9	121.2	0.0084	0.0051	0.0140							
9982	449.2	-157.2	-1477.4	-14.2	519.4	-79.0	0.0084	0.0051	0.0140							
9983	451.1	-154.8	-1460.9	13.9	513.9	-121.2	0.0084	0.0051	0.0140							
9984	449.7	-157.4	-1449.9	34.4	507.4	-162.6	0.0084	0.0051	0.0140							
9985	465.9	-162.6	-1355.5	-36.1	528.3	124.3	0.0084	0.0051	0.0140							
9986	470.7	-154.6	-1331.3	-13.9	523.0	80.9	0.0084	0.0051	0.0140							
9987	472.8	-152.0	-1315.2	11.3	517.5	-115.9	0.0084	0.0051	0.0140							
9988	472.1	-154.7	-1307.1	33.1	511.7	-157.3	0.0084	0.0051	0.0140							
9989	483.2	-158.7	-1187.1	-35.8	531.3	130.4	0.0084	0.0051	0.0140							
9990	485.3	-148.4	-1160.4	-12.4	524.9	85.8	0.0084	0.0051	0.0140							
9991	487.4	-145.6	-1144.5	8.0	519.2	-112.3	0.0084	0.0051	0.0140							
9992	489.5	-150.2	-1139.4	31.0	514.3	-155.0	0.0084	0.0051	0.0140							
9993	486.9	-155.8	-993.4	-29.1	527.9	141.1	0.0084	0.0051	0.0140							
9994	476.1	-136.2	-962.8	-11.6	519.2	94.0	0.0084	0.0051	0.0140							
9995	478.1	-133.3	-947.0	5.5	513.3	-111.6	0.0084	0.0051	0.0140							
9996	493.0	-146.9	-945.9	22.9	510.0	-156.9	0.0084	0.0051	0.0140							
9997	463.9	-157.7	-784.4	-24.0	517.8	159.6	0.0531	0.0051	0.0140							
9998	405.2	-111.7	-747.9	-15.0	507.3	109.2	0.0531	0.0051	0.0140							
9999	407.1	-108.8	-732.3	-21.3	500.7	-116.9	0.0531	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10000	469.5	-148.7	-737.5	16.9	498.3	-165.9	0.0531	0.0051	0.0140							
10001	397.6	-148.4	-621.6	101.8	559.5	194.6	0.0531	0.0051	0.0140							
10002	213.8	-95.8	-591.3	53.4	551.8	142.3	0.0531	0.0051	0.0140							
10003	216.2	-93.3	-576.2	-60.1	544.0	-137.7	0.0531	0.0051	0.0140							
10004	403.4	-140.3	-575.8	-107.7	537.2	-189.8	0.0531	0.0051	0.0140							
10005	254.7	-166.4	-688.5	211.7	588.7	296.6	0.0532	0.0155	0.0244	12.48	42.91	27.14	0.00	-0.92	-1.67	0.0
10006	-95.3	-231.0	-766.3	-21.8	517.6	147.5	0.0531	0.0155	0.0244	3.63	12.40	7.88	0.00	-0.41	-1.26	0.0
10007	-93.7	-228.2	-750.0	-24.8	512.6	-133.7	0.0531	0.0155	0.0244	3.85	13.16	8.36	0.00	-0.44	-1.25	0.0
10008	261.3	-158.3	-644.0	-218.1	564.1	-272.3	0.0532	0.0155	0.0244	12.33	42.42	26.83	0.00	-0.91	-1.60	0.0
10009	245.5	-91.1	-2052.8	-6.1	178.2	130.4	0.0084	0.0051	0.0022							
10010	248.1	-86.4	-2035.3	-1.8	179.0	-125.2	0.0084	0.0051	0.0022							
10011	247.6	-85.7	-2016.6	2.5	178.6	-177.8	0.0084	0.0051	0.0022							
10012	244.2	-88.6	-1996.9	6.7	176.8	-228.3	0.0084	0.0051	0.0022							
10013	266.5	-91.6	-2017.4	-9.3	256.4	126.5	0.0084	0.0051	0.0022							
10014	269.3	-86.8	-2000.0	-3.4	257.1	-123.6	0.0084	0.0051	0.0022							
10015	268.9	-86.0	-1981.4	5.1	255.8	-174.3	0.0084	0.0051	0.0022							
10016	265.4	-89.0	-1961.9	10.8	252.6	-223.1	0.0084	0.0051	0.0022							
10017	286.4	-93.7	-1976.9	-12.9	323.6	122.7	0.0084	0.0051	0.0022							
10018	289.5	-88.8	-1959.6	-5.4	323.9	-121.5	0.0084	0.0051	0.0022							
10019	289.3	-87.8	-1941.3	8.0	321.8	-169.9	0.0084	0.0051	0.0022							
10020	285.7	-90.8	-1922.2	15.2	317.5	-216.5	0.0084	0.0051	0.0022							
10021	305.3	-97.3	-1930.8	-16.7	377.6	119.0	0.0084	0.0051	0.0022							
10022	308.9	-92.1	-1913.7	-7.4	377.4	-118.8	0.0084	0.0051	0.0022							
10023	308.8	-91.0	-1895.9	10.6	374.7	-164.6	0.0084	0.0051	0.0022							
10024	305.2	-93.9	-1877.3	19.5	369.4	-208.8	0.0084	0.0051	0.0022							
10025	322.8	-102.0	-1878.3	-20.7	417.9	115.7	0.0084	0.0051	0.0022							
10026	326.7	-96.6	-1861.6	-9.4	417.2	-115.5	0.0084	0.0051	0.0022							
10027	326.9	-95.3	-1844.2	12.8	413.9	-158.7	0.0084	0.0051	0.0022							
10028	323.4	-98.1	-1826.4	23.6	407.9	-200.3	0.0084	0.0051	0.0022							
10029	338.2	-107.8	-1818.5	-24.6	446.0	112.9	0.0084	0.0051	0.0022							
10030	342.5	-101.9	-1801.9	-11.4	444.8	-111.8	0.0084	0.0051	0.0022							
10031	343.0	-100.4	-1785.1	14.5	440.9	-152.3	0.0084	0.0051	0.0022							
10032	339.7	-103.2	-1768.2	27.3	434.5	-191.4	0.0084	0.0051	0.0022							
10033	350.9	-114.0	-1749.8	-28.5	465.2	110.8	0.0084	0.0051	0.0057							
10034	355.5	-107.6	-1733.2	-13.3	463.6	-107.6	0.0084	0.0051	0.0057							
10035	356.2	-105.9	-1717.0	15.7	459.3	-145.7	0.0084	0.0051	0.0057							
10036	353.3	-108.7	-1701.2	30.4	452.5	-182.5	0.0084	0.0051	0.0057							
10037	360.7	-120.2	-1668.9	-32.0	479.1	109.5	0.0084	0.0051	0.0057							
10038	365.3	-113.3	-1651.8	-15.0	476.9	-103.0	0.0084	0.0051	0.0057							
10039	366.3	-111.3	-1636.1	16.3	472.3	-139.1	0.0084	0.0051	0.0057							
10040	363.8	-114.1	-1621.9	32.8	465.5	-174.1	0.0084	0.0051	0.0057							
10041	367.1	-125.9	-1569.2	-35.0	488.6	109.4	0.0084	0.0051	0.0140							
10042	371.6	-118.4	-1551.1	-16.3	485.7	-97.9	0.0084	0.0051	0.0140							
10043	372.9	-116.1	-1535.9	16.2	480.9	-132.7	0.0084	0.0051	0.0140							
10044	370.9	-119.0	-1523.7	34.4	474.4	-166.4	0.0084	0.0051	0.0140							
10045	369.5	-131.0	-1445.8	-37.5	493.4	110.9	0.0084	0.0051	0.0140							
10046	374.0	-123.0	-1426.0	-17.2	489.6	-92.6	0.0084	0.0051	0.0140							
10047	375.5	-120.5	-1411.2	15.5	484.6	-126.9	0.0084	0.0051	0.0140							
10048	374.0	-123.3	-1401.5	35.4	478.7	-160.2	0.0084	0.0051	0.0140							
10049	366.7	-136.1	-1300.0	-39.8	491.4	114.5	0.0084	0.0051	0.0140							
10050	370.8	-127.4	-1278.4	-17.5	486.6	-87.3	0.0084	0.0051	0.0140							
10051	372.4	-124.7	-1264.0	14.3	481.5	-121.9	0.0084	0.0051	0.0140							
10052	371.7	-127.7	-1256.7	36.2	476.2	-155.8	0.0084	0.0051	0.0140							
10053	356.8	-143.1	-1137.1	-41.4	478.6	120.9	0.0084	0.0051	0.0140							
10054	358.3	-132.1	-1113.5	-17.1	472.3	83.9	0.0084	0.0051	0.0140							
10055	360.1	-129.1	-1099.3	12.3	467.0	-118.4	0.0084	0.0051	0.0140							
10056	362.3	-134.1	-1094.6	36.1	462.7	-153.8	0.0084	0.0051	0.0140							
10057	339.3	-155.3	-967.5	-38.3	458.3	131.6	0.0084	0.0051	0.0140							
10058	330.2	-136.1	-942.0	-14.9	449.7	91.8	0.0084	0.0051	0.0140							
10059	332.2	-132.9	-928.1	8.6	444.0	-117.2	0.0084	0.0051	0.0140							
10060	345.3	-145.5	-925.8	31.4	441.5	-155.5	0.0084	0.0051	0.0140							
10061	320.8	-175.2	-816.3	-33.1	474.6	150.9	0.0531	0.0051	0.0140							
10062	279.8	-137.5	-793.4	-14.0	468.2	105.8	0.0531	0.0051	0.0140							
10063	282.1	-134.1	-780.0	-12.2	462.0	-120.9	0.0531	0.0051	0.0140							
10064	327.4	-164.4	-775.7	24.3	456.3	-164.8	0.0531	0.0051	0.0140							
10065	317.7	-190.3	-725.1	38.0	537.1	183.5	0.0531	0.0051	0.0140							
10066	218.6	-157.6	-725.9	22.2	534.9	124.5	0.0531	0.0051	0.0140							
10067	222.0	-153.8	-713.2	-32.6	528.1	-127.5	0.0531	0.0051	0.0140							
10068	326.1	-179.1	-685.8	-47.9	516.8	-185.8	0.0531	0.0051	0.0140							
10069	322.4	-247.9	-683.8	72.0	717.6	217.9	0.0532	0.0155	0.0244	13.62	46.84	29.62	0.00	-0.97	-1.81	0.0
10070	185.9	-270.2	-689.9	-33.4	740.5	136.8	0.0531	0.0155	0.0244	11.49	39.29	24.96	0.00	-0.86	-1.74	0.0
10071	189.8	-265.5	-673.0	-34.3	733.3	-123.5	0.0531	0.0155	0.0244	11.65	39.84	25.31	0.00	-0.88	-1.72	0.0
10072	335.3	-231.6	-641.1	-86.5	692.4	-199.4	0.0532	0.0155	0.0244	13.63	46.86	29.64	0.00	-0.96	-1.75	0.0
10073	274.0	-146.2	-2361.9	5.7	65.2	-252.4	0.0084	0.0051	0.0022							
10074	278.3	-141.1	-2393.5	-3.0	65.2	-182.9	0.0084	0.0051	0.0022							
10075	279.3	-140.5	-2420.0	-3.9	64.6	-110.3	0.0084	0.0051	0.0022							
10076	277.2	-144.7	-2440.8	-7.3	63.2	152.7	0.0084	0.0051	0.0022							
10077	249.1	-148.5	-2398.0	-10.0	-113.1	-254.9	0.0084	0.0051	0.0022							
10078	253.1	-143.4	-2429.4	-7.0	-115.4	-184.3	0.0084	0.0051	0.0022							
10079	254.1	-142.9	-2455.6	-5.5	-117.3	-110.8	0.0084	0.0051	0.0022							
10080	251.9	-147.2	-2475.9	5.6	-118.8	157.6	0.0084	0.0051	0.0022							
10081	217.9	-152.3	-2418.5	-15.8	-222.4	-255.3	0.0084	0.0051	0.0022							
10082	221.4	-147.5	-2449.2	-11.1	-226.7	-184.3	0.0084	0.0051	0.0022							
10083	222.1	-147.1	-2474.7	-7.1	-229.7	-110.4	0.0084	0.0051	0.0022							
10084	219.9	-151.5	-2494.6	9.1	-231.5	162.6	0.0084	0.0051	0.0022							
10085	179.0	-157.9	-2422.7	-21.8	-331.8	-253.7	0.0084	0.0051	0.0022							
10086	182.0	-153.3	-2452.1	-15.1	-338.1	-182.9	0.0084	0.0051	0.0022							
10087	182.3	-153.2	-2476.7	-8.6	-342.2	-109.3	0.0084	0.0051	0.0022							
10088	180.0	-157.7	-2496.3	13.3	-344.1	167.5	0.0084	0.0051	0.0022							
10089	131.9	-165.2	-2410.8	-27.6	-438.6	-250.3	0.0084	0.0051	0.0022							
10090	134.0	-161.1	-2438.3	-18.8	-446.5	-180.2	0.0084	0.0051	0.0022							
10091	133.8	-161.3	-2461.9	-9.7	-451.4	-107.5	0.0084	0.0051	0.0022							
10092	131.4	-165.9	-2481.3	18.2	-453.4	172.1	0.0084	0.0051	0.0022							
10093	76.0	-174.6	-2383.8	-33.0	-540.0	-245.4	0.0084	0.0051	0.0022							
10094	77.1	-171.0	-2409.0	-22.0	-549.2	-176.5	0.0084	0.0051	0.0022							
10095	76.5	-171.5	-2431.5	11.9	-554.9	-105.2	0.0084	0.0051	0.0022							
10096	74.1	-176.1	-2450.9	23.6	-556.9	176.5	0.0084	0.0051	0.0022							
10097	11.7	-186.0	-2344.2	-37.6	-634.0	-239.2	0.0084	0.0051	0.0057							
10098	11.8	-183.1	-2366.9	-24.6	-644.1	-171.9	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10099	10.6	-183.9	-2388.1	15.5	-650.2	110.0	0.0084	0.0051	0.0057							
10100	8.3	-188.6	-2407.7	29.2	-652.4	180.4	0.0084	0.0051	0.0057							
10101	-59.7	-199.6	-2296.1	-41.4	-718.9	-232.1	0.0084	0.0051	0.0057							
10102	-60.7	-197.3	-2316.0	-26.7	-729.4	-166.8	0.0084	0.0051	0.0057							
10103	-62.3	-198.5	-2336.0	19.4	-735.9	115.9	0.0084	0.0051	0.0057							
10104	-64.5	-203.2	-2356.2	34.9	-738.3	184.0	0.0084	0.0051	0.0057							
10105	-135.5	-215.4	-2245.5	-44.1	-793.7	-224.6	0.0084	0.0051	0.0057							
10106	-137.7	-213.8	-2262.7	-28.2	-804.4	-161.4	0.0084	0.0051	0.0057							
10107	-139.7	-215.3	-2281.7	23.6	-811.0	121.6	0.0084	0.0051	0.0057							
10108	-141.7	-220.1	-2302.6	40.3	-813.6	187.2	0.0084	0.0051	0.0057							
10109	-211.9	-233.4	-2200.8	-45.6	-858.3	-217.0	0.0084	0.0051	0.0022							
10110	-215.1	-232.5	-2215.4	-29.0	-868.8	-156.0	0.0084	0.0051	0.0022							
10111	-217.5	-234.4	-2233.7	27.8	-875.6	127.0	0.0084	0.0051	0.0022							
10112	-219.2	-239.1	-2255.6	45.0	-878.4	190.2	0.0084	0.0051	0.0022							
10113	-283.2	-253.4	-2172.4	-45.7	-913.8	-209.8	0.0084	0.0051	0.0022							
10114	-287.3	-253.4	-2184.8	-29.3	-924.0	-150.9	0.0084	0.0051	0.0022							
10115	-290.1	-255.6	-2202.5	31.8	-930.7	132.3	0.0084	0.0051	0.0022							
10116	-291.4	-260.0	-2225.7	48.6	-933.9	193.1	0.0084	0.0051	0.0022							
10117	-342.3	-275.0	-2173.4	-44.0	-962.1	-203.4	0.0084	0.0051	0.0022							
10118	-347.2	-275.9	-2184.1	-29.0	-971.9	-146.3	0.0084	0.0051	0.0022							
10119	-350.1	-278.4	-2201.6	35.2	-978.6	137.5	0.0084	0.0051	0.0022							
10120	-351.0	-282.5	-2226.1	50.5	-982.1	196.2	0.0084	0.0051	0.0022							
10121	-378.7	-297.4	-2219.2	-40.1	-1003.8	-197.9	0.0084	0.0051	0.0022							
10122	-384.0	-299.2	-2229.1	-28.2	-1013.3	-142.3	0.0084	0.0051	0.0022							
10123	-386.9	-301.9	-2246.8	37.3	-1020.0	142.5	0.0084	0.0051	0.0022							
10124	-387.4	-305.5	-2272.6	49.5	-1023.7	199.6	0.0084	0.0051	0.0022							
10125	-376.3	-318.4	-2329.1	-33.0	-1032.0	-192.7	0.0084	0.0051	0.0022							
10126	-381.4	-321.4	-2339.4	30.3	-1041.7	-139.0	0.0084	0.0051	0.0022							
10127	-384.1	-324.3	-2357.9	37.4	-1048.3	147.1	0.0084	0.0051	0.0022							
10128	-384.3	-327.0	-2384.6	44.2	-1051.9	202.3	0.0084	0.0051	0.0022							
10129	-307.4	-329.3	-2495.3	36.4	-1002.0	-184.3	0.0084	0.0051	0.0022							
10130	-311.2	-333.8	-2507.8	35.2	-1011.4	-135.3	0.0084	0.0051	0.0022							
10131	-313.1	-336.7	-2527.3	33.9	-1017.6	149.5	0.0084	0.0051	0.0022							
10132	-313.4	-337.9	-2554.0	32.3	-1020.7	200.2	0.0084	0.0051	0.0022							
10133	-229.3	-332.2	-2671.4	45.3	-885.4	-171.3	0.0085	0.0155	0.0127	9.50	5.22	6.34	0.00	-0.43	-3.05	0.0
10134	-230.7	-337.3	-2686.9	37.2	-892.5	-130.5	0.0084	0.0155	0.0127	8.74	4.73	5.78	0.00	-0.42	-3.06	0.0
10135	-232.1	-339.9	-2707.4	-30.8	-897.8	147.6	0.0084	0.0155	0.0127	8.69	4.70	5.74	0.00	-0.42	-3.08	0.0
10136	-233.6	-340.0	-2733.0	-38.8	-901.3	190.1	0.0085	0.0155	0.0127	9.39	5.16	6.27	0.00	-0.43	-3.11	0.0
10137	246.5	-127.7	-2181.6	-5.2	76.0	-240.9	0.0084	0.0051	0.0022							
10138	250.3	-123.8	-2206.8	-2.8	76.1	-180.6	0.0084	0.0051	0.0022							
10139	250.9	-124.1	-2229.0	-2.8	75.6	-117.8	0.0084	0.0051	0.0022							
10140	248.4	-128.8	-2247.9	-5.3	74.5	143.6	0.0084	0.0051	0.0022							
10141	220.0	-130.5	-2210.9	-9.8	-91.3	-243.1	0.0084	0.0051	0.0022							
10142	223.5	-126.7	-2235.9	-6.3	-93.2	-181.9	0.0084	0.0051	0.0022							
10143	224.0	-127.1	-2257.8	-4.1	-94.8	-118.3	0.0084	0.0051	0.0022							
10144	221.5	-131.9	-2276.5	7.3	-95.9	147.9	0.0084	0.0051	0.0022							
10145	188.2	-135.1	-2228.9	-15.1	-190.4	-243.5	0.0084	0.0051	0.0022							
10146	191.3	-131.6	-2253.3	-10.0	-194.1	-182.1	0.0084	0.0051	0.0022							
10147	191.6	-132.1	-2274.8	5.8	-196.6	-118.1	0.0084	0.0051	0.0022							
10148	189.1	-136.9	-2293.1	11.3	-197.8	152.1	0.0084	0.0051	0.0022							
10149	149.7	-141.8	-2234.8	-20.6	-287.9	-242.3	0.0084	0.0051	0.0022							
10150	152.3	-138.5	-2258.2	-13.6	-293.2	-181.0	0.0084	0.0051	0.0022							
10151	152.3	-139.2	-2279.0	8.6	-296.6	-117.4	0.0084	0.0051	0.0022							
10152	149.6	-144.1	-2297.1	16.0	-297.9	156.1	0.0084	0.0051	0.0022							
10153	103.2	-150.6	-2228.1	-26.0	-381.0	-239.5	0.0084	0.0051	0.0022							
10154	105.2	-147.6	-2250.2	-16.9	-387.7	-178.9	0.0084	0.0051	0.0022							
10155	104.8	-148.6	-2270.3	11.7	-391.8	-116.0	0.0084	0.0051	0.0022							
10156	102.1	-153.6	-2288.2	21.3	-393.2	159.9	0.0084	0.0051	0.0022							
10157	48.0	-161.8	-2209.7	-31.2	-467.6	-235.3	0.0084	0.0051	0.0022							
10158	49.2	-159.2	-2230.2	-20.0	-475.4	-175.8	0.0084	0.0051	0.0022							
10159	48.4	-160.4	-2249.5	15.3	-480.1	-114.2	0.0084	0.0051	0.0022							
10160	45.6	-165.6	-2267.4	27.1	-481.6	163.5	0.0084	0.0051	0.0022							
10161	-16.2	-175.6	-2181.5	-35.9	-546.6	-230.1	0.0084	0.0051	0.0057							
10162	-15.9	-173.4	-2200.1	-22.7	-555.1	-172.0	0.0084	0.0051	0.0057							
10163	-17.2	-175.0	-2218.5	19.3	-560.3	-112.0	0.0084	0.0051	0.0057							
10164	-19.9	-180.3	-2236.6	33.2	-562.0	166.9	0.0084	0.0051	0.0057							
10165	-88.8	-192.2	-2146.9	-40.1	-617.5	-224.3	0.0084	0.0051	0.0057							
10166	-89.5	-190.6	-2163.5	-24.9	-626.4	-167.7	0.0084	0.0051	0.0057							
10167	-91.2	-192.4	-2181.2	23.7	-631.9	111.0	0.0084	0.0051	0.0057							
10168	-93.8	-197.8	-2199.7	39.4	-633.9	170.1	0.0084	0.0051	0.0057							
10169	-168.2	-212.1	-2111.3	-43.7	-681.5	-218.3	0.0084	0.0051	0.0022							
10170	-169.9	-210.9	-2126.0	-26.8	-690.5	-163.2	0.0084	0.0051	0.0022							
10171	-172.0	-213.1	-2142.9	28.3	-696.2	116.0	0.0084	0.0051	0.0022							
10172	-174.5	-218.6	-2162.1	45.7	-698.6	173.4	0.0084	0.0051	0.0022							
10173	-252.1	-235.4	-2081.9	-46.5	-741.1	-212.5	0.0084	0.0051	0.0022							
10174	-254.8	-234.8	-2094.8	-28.3	-749.9	-158.6	0.0084	0.0051	0.0022							
10175	-257.3	-237.2	-2111.2	33.1	-755.7	121.0	0.0084	0.0051	0.0022							
10176	-259.6	-242.9	-2131.2	51.7	-758.6	176.9	0.0084	0.0051	0.0022							
10177	-337.5	-262.7	-2068.1	-48.5	-800.4	-207.5	0.0084	0.0051	0.0022							
10178	-341.0	-262.6	-2079.3	-29.5	-808.9	-154.3	0.0084	0.0051	0.0022							
10179	-343.9	-265.4	-2095.4	38.0	-814.8	126.2	0.0084	0.0051	0.0022							
10180	-346.1	-271.0	-2116.4	57.3	-818.3	181.2	0.0084	0.0051	0.0022							
10181	-420.5	-294.5	-2081.7	-49.6	-865.9	-203.9	0.0084	0.0051	0.0022							
10182	-425.0	-295.1	-2091.7	-30.6	-874.0	-150.6	0.0084	0.0051	0.0022							
10183	-428.2	-298.2	-2107.7	42.7	-880.1	131.8	0.0084	0.0051	0.0022							
10184	-430.2	-303.8	-2129.9	62.1	-884.2	186.9	0.0084	0.0051	0.0022							
10185	-495.8	-331.7	-2140.6	-49.6	-946.7	-202.6	0.0084	0.0051	0.0022							
10186	-501.1	-333.0	-2149.9	-31.6	-954.6	-147.9	0.0084	0.0051	0.0022							
10187	-504.6	-336.4	-2166.2	46.9	-961.0	138.5	0.0084	0.0051	0.0022							
10188	-506.4	-341.9	-2189.8	65.5	-965.6	194.9	0.0084	0.0051	0.0022							
10189	-550.3	-374.8	-2273.2	-47.5	-1053.3	-204.5	0.0084	0.0051	0.0022							
10190	-556.3	-377.2	-2282.4	33.8	-1061.7	-146.7	0.0084	0.0051	0.0022							
10191	-559.8	-381.0	-2299.6	49.8	-1068.3	147.1	0.0084	0.0051	0.0022							
10192	-561.3	-386.1	-2324.9	65.7	-1073.3	206.6	0.0084	0.0051	0.0022							
10193	-546.6	-427.9	-2568.4	-39.8	-1190.8	-209.9	0.0084	0.0051	0.0022							
10194	-552.5	-432.2	-2579.5	39.5	-1200.7	-148.0	0.0084	0.0051	0.0022							
10195	-555.7	-436.3	-2598.5	48.7	-1207.7	158.5	0.0084	0.0051	0.0022							
10196	-556.6	-440.2	-2625.7	57.6	-1212.0	222.6	0.0084	0.0051	0.0022							
10197	-269.8	-435.0	-2942.2	53.9	-1065.6	-196.5	0.0085	0.0155	0.0127	15.01	8.23	10.01	0.00	-0.58	-3.45	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10198	-272.1	-441.2	-2958.1	42.9	-1074.9	-143.5	0.0084	0.0155	0.0127	14.16	7.67	9.37	0.00	-0.57	-3.46	0.0
10199	-273.5	-444.6	-2979.5	-33.5	-1080.9	161.3	0.0084	0.0155	0.0127	14.06	7.61	9.30	0.00	-0.57	-3.48	0.0
10200	-274.3	-445.5	-3006.3	-44.3	-1083.6	216.3	0.0085	0.0155	0.0127	14.87	8.16	9.92	0.00	-0.58	-3.52	0.0
10201	221.7	-89.9	-2027.0	-5.3	93.0	-232.0	0.0084	0.0051	0.0022							
10202	225.0	-87.0	-2046.8	-2.6	93.2	-180.2	0.0084	0.0051	0.0022							
10203	225.4	-87.8	-2065.5	2.1	92.8	-126.3	0.0084	0.0051	0.0022							
10204	223.0	-92.5	-2082.9	4.9	91.8	134.2	0.0084	0.0051	0.0022							
10205	196.9	-93.0	-2051.6	-9.4	-69.3	-234.1	0.0084	0.0051	0.0022							
10206	199.9	-90.2	-2071.2	-5.8	-70.9	-181.5	0.0084	0.0051	0.0022							
10207	200.2	-91.1	-2089.7	4.4	-72.2	-126.8	0.0084	0.0051	0.0022							
10208	197.8	-95.7	-2107.0	8.2	-73.0	137.9	0.0084	0.0051	0.0022							
10209	168.1	-98.0	-2069.5	-14.2	-159.9	-234.5	0.0084	0.0051	0.0022							
10210	170.9	-95.4	-2088.6	-9.2	-163.1	-181.7	0.0084	0.0051	0.0022							
10211	171.0	-96.3	-2106.8	7.1	-165.1	-126.8	0.0084	0.0051	0.0022							
10212	168.5	-101.0	-2123.9	12.4	-165.9	141.4	0.0084	0.0051	0.0022							
10213	133.8	-105.1	-2079.3	-19.2	-246.4	-233.3	0.0084	0.0051	0.0022							
10214	136.1	-102.7	-2097.7	-12.5	-251.1	-180.9	0.0084	0.0051	0.0022							
10215	136.0	-103.8	-2115.4	10.2	-253.8	-126.3	0.0084	0.0051	0.0022							
10216	133.4	-108.6	-2132.3	17.3	-254.6	144.6	0.0084	0.0051	0.0022							
10217	92.0	-114.5	-2079.7	-24.3	-326.3	-230.7	0.0084	0.0051	0.0022							
10218	93.8	-112.4	-2097.3	-15.7	-332.1	-179.0	0.0084	0.0051	0.0022							
10219	93.3	-113.7	-2114.5	13.7	-335.5	-125.4	0.0084	0.0051	0.0022							
10220	90.6	-118.5	-2131.2	22.7	-336.3	147.5	0.0084	0.0051	0.0022							
10221	41.1	-126.5	-2070.5	-29.3	-397.8	-226.8	0.0084	0.0051	0.0057							
10222	42.3	-124.7	-2087.0	-18.6	-404.6	-176.3	0.0084	0.0051	0.0057							
10223	41.5	-126.2	-2103.6	17.5	-408.5	-124.0	0.0084	0.0051	0.0057							
10224	38.7	-131.2	-2120.3	28.6	-409.4	150.1	0.0084	0.0051	0.0057							
10225	-19.8	-141.3	-2052.5	-34.1	-460.6	-222.0	0.0084	0.0051	0.0057							
10226	-19.3	-139.9	-2067.8	-21.3	-468.1	-173.0	0.0084	0.0051	0.0057							
10227	-20.4	-141.7	-2083.8	21.7	-472.4	-122.2	0.0084	0.0051	0.0057							
10228	-23.3	-146.8	-2100.6	35.0	-473.5	152.6	0.0084	0.0051	0.0057							
10229	-90.7	-159.5	-2028.3	-38.6	-515.4	-216.6	0.0084	0.0051	0.0057							
10230	-91.0	-158.4	-2042.2	-23.8	-523.1	-169.1	0.0084	0.0051	0.0057							
10231	-92.6	-160.4	-2057.7	26.3	-527.8	-119.9	0.0084	0.0051	0.0057							
10232	-95.4	-165.8	-2074.8	41.6	-529.2	154.9	0.0084	0.0051	0.0057							
10233	-171.1	-181.5	-2002.3	-42.9	-564.1	-211.0	0.0084	0.0051	0.0022							
10234	-172.3	-180.7	-2014.8	-26.0	-571.9	-164.8	0.0084	0.0051	0.0022							
10235	-174.3	-183.0	-2029.9	31.2	-576.7	-117.2	0.0084	0.0051	0.0022							
10236	-177.1	-188.7	-2047.4	48.5	-578.5	157.3	0.0084	0.0051	0.0022							
10237	-260.0	-208.0	-1980.7	-46.9	-609.9	-205.6	0.0084	0.0051	0.0022							
10238	-262.0	-207.5	-1992.1	-28.1	-617.5	-160.4	0.0084	0.0051	0.0022							
10239	-264.4	-210.2	-2006.8	36.4	-622.4	-114.1	0.0084	0.0051	0.0022							
10240	-267.1	-216.1	-2024.9	55.6	-624.8	160.1	0.0084	0.0051	0.0022							
10241	-356.5	-240.1	-1971.6	-50.8	-657.7	-200.8	0.0084	0.0051	0.0022							
10242	-359.4	-239.9	-1981.8	-30.2	-664.9	-156.1	0.0084	0.0051	0.0022							
10243	-362.2	-242.9	-1996.4	42.0	-670.0	117.3	0.0084	0.0051	0.0022							
10244	-364.9	-249.0	-2015.2	63.0	-672.9	163.6	0.0084	0.0051	0.0022							
10245	-461.6	-279.3	-1984.6	-55.0	-714.8	-197.3	0.0084	0.0051	0.0022							
10246	-465.3	-279.5	-1994.0	-32.6	-721.6	-152.1	0.0084	0.0051	0.0022							
10247	-468.6	-282.8	-2008.6	48.1	-726.9	122.0	0.0084	0.0051	0.0022							
10248	-471.5	-289.3	-2028.3	70.9	-730.5	168.7	0.0084	0.0051	0.0022							
10249	-579.5	-328.5	-2033.3	-60.0	-793.3	-196.1	0.0084	0.0051	0.0022							
10250	-584.0	-329.1	-2042.3	-35.8	-799.7	-148.9	0.0084	0.0051	0.0022							
10251	-587.8	-332.9	-2057.1	55.0	-805.2	127.8	0.0084	0.0051	0.0022							
10252	-590.9	-339.7	-2077.7	79.8	-809.5	176.5	0.0084	0.0051	0.0022							
10253	-720.6	-394.4	-2146.9	-66.9	-917.3	-199.1	0.0084	0.0051	0.0022							
10254	-726.1	-395.5	-2155.9	-40.5	-923.8	-147.2	0.0084	0.0051	0.0022							
10255	-730.4	-399.8	-2171.4	63.2	-929.6	136.5	0.0084	0.0051	0.0022							
10256	-733.9	-407.2	-2193.3	90.6	-934.7	189.8	0.0084	0.0051	0.0022							
10257	-904.9	-487.5	-2367.2	-77.9	-1144.3	-211.6	0.0084	0.0051	0.0022							
10258	-911.5	-489.3	-2376.2	-48.1	-1151.2	-149.8	0.0084	0.0051	0.0022							
10259	-916.7	-494.1	-2393.0	74.0	-1157.8	152.3	0.0084	0.0051	0.0022							
10260	-920.6	-502.0	-2417.6	104.8	-1164.0	215.7	0.0084	0.0051	0.0022							
10261	-1130.2	-717.2	-3438.2	-87.6	-1806.3	-268.3	0.0085	0.0155	0.0127				-0.14	-0.70	-4.45	
10262	-1138.1	-720.6	-3453.5	60.3	-1818.3	-175.2	0.0084	0.0155	0.0127				-0.11	-0.75	-4.46	
10263	-1144.4	-726.4	-3477.2	88.7	-1827.8	202.4	0.0084	0.0155	0.0127				-0.14	-0.71	-4.49	
10264	-1149.0	-734.9	-3509.0	116.8	-1834.3	297.8	0.0085	0.0155	0.0127				-0.15	-0.71	-4.54	
10265	1108.5	-15.8	-447.1	98.0	578.0	233.2	0.0533	0.0153	0.0244	24.79	86.09	54.04	0.00	-1.30	-2.01	0.0
10266	1138.5	0.7	-475.5	120.7	561.2	178.8	0.0534	0.0152	0.0244	25.03	87.69	54.67	0.00	-1.33	-2.01	0.0
10267	890.2	-123.1	-639.2	26.9	555.5	198.3	0.0531	0.0051	0.0140							
10268	893.7	-138.3	-680.6	-75.1	562.0	233.7	0.0531	0.0051	0.0140							
10269	767.7	-129.8	-899.7	-38.6	560.0	187.2	0.0531	0.0051	0.0140							
10270	760.2	-133.7	-933.8	-68.7	566.6	219.4	0.0531	0.0051	0.0140							
10271	673.4	-143.9	-1121.6	-45.6	541.0	176.8	0.0084	0.0051	0.0140							
10272	665.6	-148.1	-1151.1	-62.3	546.1	206.5	0.0084	0.0051	0.0140							
10273	596.2	-161.9	-1300.1	-47.2	541.1	170.5	0.0084	0.0051	0.0140							
10274	589.3	-167.6	-1325.6	-59.6	544.5	198.7	0.0084	0.0051	0.0140							
10275	534.0	-176.8	-1452.1	-48.0	563.6	167.9	0.0084	0.0051	0.0140							
10276	527.7	-183.6	-1473.7	-60.1	566.2	196.0	0.0084	0.0051	0.0140							
10277	484.6	-184.8	-1583.7	-48.5	581.8	168.0	0.0084	0.0051	0.0140							
10278	478.3	-191.7	-1601.7	-61.0	583.7	196.6	0.0084	0.0051	0.0140							
10279	445.6	-185.7	-1697.4	-47.8	588.6	169.5	0.0084	0.0051	0.0057							
10280	439.0	-191.9	-1712.9	-60.3	589.7	199.1	0.0084	0.0051	0.0057							
10281	414.6	-181.4	-1801.8	-45.6	582.4	171.9	0.0084	0.0051	0.0057							
10282	408.0	-187.1	-1815.6	-57.7	582.8	202.8	0.0084	0.0051	0.0057							
10283	389.7	-174.8	-1902.6	-42.2	563.1	175.1	0.0084	0.0051	0.0057							
10284	383.2	-180.4	-1915.3	-53.5	562.8	207.2	0.0084	0.0051	0.0057							
10285	369.2	-167.9	-2000.7	-38.1	530.7	178.8	0.0084	0.0051	0.0022							
10286	363.1	-173.6	-2012.4	-48.3	529.7	212.4	0.0084	0.0051	0.0022							
10287	352.0	-161.7	-2095.1	-33.5	484.9	183.2	0.0084	0.0051	0.0022							
10288	346.3	-167.5	-2105.8	-42.6	483.4	218.1	0.0084	0.0051	0.0022							
10289	337.1	-156.7	-2184.5	-28.8	425.7	188.0	0.0084	0.0051	0.0022							
10290	331.9	-162.6	-2194.3	-36.5	423.8	224.3	0.0084	0.0051	0.0022							
10291	323.4	-153.0	-2267.1	-24.0	352.8	193.2	0.0084	0.0051	0.0022							
10292	318.6	-159.1	-2276.1	-30.4	350.8	230.8	0.0084	0.0051	0.0022							
10293	309.4	-150.8	-2341.0	-19.3	266.9	198.8	0.0084	0.0051	0.0022							
10294	305.0	-157.0	-2349.2	-24.3	264.9	237.5	0.0084	0.0051	0.0022							
10295	293.4	-150.2	-2403.9	-14.6	169.1	204.5	0.0084	0.0051	0.0022							
10296	289.2	-156.4	-2411.5	-18.2	167.3	244.2	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10297	742.8	-115.2	-609.7	104.6	658.7	216.5	0.0533	0.0153	0.0244	19.50	67.67	42.50	0.00	-1.15	-1.95	0.0
10298	802.5	-82.4	-648.8	-145.2	617.6	199.1	0.0534	0.0152	0.0244	19.38	67.82	42.31	0.00	-1.06	-1.98	0.0
10299	553.8	-228.2	-665.2	-21.8	558.7	225.2	0.0531	0.0051	0.0140							
10300	556.1	-250.3	-707.6	-114.0	561.0	246.6	0.0531	0.0051	0.0140							
10301	502.2	-193.6	-822.9	-49.9	527.6	197.5	0.0531	0.0051	0.0140							
10302	492.0	-200.2	-854.5	-99.1	533.4	225.4	0.0531	0.0051	0.0140							
10303	490.8	-172.1	-1024.7	-59.1	535.2	178.7	0.0084	0.0051	0.0140							
10304	481.5	-177.9	-1051.6	-83.5	540.4	206.1	0.0084	0.0051	0.0140							
10305	478.5	-168.9	-1214.1	-57.2	536.7	166.1	0.0084	0.0051	0.0140							
10306	471.2	-175.6	-1237.3	-72.6	540.6	192.0	0.0084	0.0051	0.0140							
10307	459.9	-171.8	-1378.9	-54.5	532.3	158.9	0.0084	0.0051	0.0140							
10308	453.8	-179.8	-1398.9	-67.6	534.8	183.8	0.0084	0.0051	0.0140							
10309	437.8	-173.6	-1519.8	-52.6	526.6	155.8	0.0084	0.0051	0.0140							
10310	431.9	-181.8	-1536.6	-65.3	528.1	180.7	0.0084	0.0051	0.0140							
10311	415.4	-171.8	-1636.8	-50.3	522.0	155.4	0.0084	0.0051	0.0140							
10312	409.2	-179.5	-1650.8	-62.7	522.8	180.8	0.0084	0.0051	0.0140							
10313	394.3	-166.7	-1734.7	-47.2	516.4	156.9	0.0084	0.0051	0.0057							
10314	387.8	-173.8	-1746.9	-58.9	516.7	183.2	0.0084	0.0051	0.0057							
10315	374.6	-159.9	-1822.3	-43.0	503.8	159.6	0.0084	0.0051	0.0057							
10316	368.2	-166.6	-1833.4	-53.7	503.5	187.0	0.0084	0.0051	0.0057							
10317	356.2	-152.8	-1904.1	-38.1	480.5	163.3	0.0084	0.0051	0.0022							
10318	350.1	-159.3	-1914.4	-47.7	479.5	191.9	0.0084	0.0051	0.0022							
10319	338.7	-146.4	-1980.6	-32.9	444.4	167.6	0.0084	0.0051	0.0022							
10320	332.9	-152.8	-1990.3	-41.2	442.9	197.6	0.0084	0.0051	0.0022							
10321	321.6	-141.1	-2051.4	-27.6	394.8	172.5	0.0084	0.0051	0.0022							
10322	316.3	-147.4	-2060.6	-34.5	393.0	203.7	0.0084	0.0051	0.0022							
10323	304.5	-137.2	-2115.7	-22.3	331.7	177.6	0.0084	0.0051	0.0022							
10324	299.5	-143.5	-2124.5	-27.9	329.8	210.1	0.0084	0.0051	0.0022							
10325	286.6	-134.9	-2172.8	-17.1	255.8	183.0	0.0084	0.0051	0.0022							
10326	282.0	-141.2	-2181.1	-21.4	254.0	216.5	0.0084	0.0051	0.0022							
10327	267.0	-134.2	-2221.5	-12.1	168.8	188.3	0.0084	0.0051	0.0022							
10328	262.7	-140.6	-2229.4	-15.1	167.3	222.7	0.0084	0.0051	0.0022							
10329	554.0	-202.5	-674.8	-68.9	691.9	198.7	0.0533	0.0154	0.0244	16.25	56.35	35.41	0.00	-1.02	-1.90	0.0
10330	600.4	-192.1	-740.4	-166.1	679.1	265.5	0.0534	0.0153	0.0244	16.62	58.12	36.29	0.00	-0.98	-2.01	0.0
10331	406.0	-249.2	-736.8	-58.1	541.0	212.8	0.0531	0.0051	0.0140							
10332	404.3	-271.9	-769.7	-132.0	546.6	226.0	0.0531	0.0051	0.0140							
10333	347.8	-206.5	-843.9	-68.3	480.5	179.1	0.0531	0.0051	0.0140							
10334	339.3	-215.1	-872.8	-110.8	485.5	199.2	0.0531	0.0051	0.0140							
10335	342.4	-172.3	-994.4	-69.1	465.5	161.8	0.0084	0.0051	0.0140							
10336	334.0	-179.9	-1018.5	-94.3	469.9	183.7	0.0084	0.0051	0.0140							
10337	352.8	-154.4	-1161.0	-64.2	483.6	150.2	0.0084	0.0051	0.0140							
10338	346.1	-162.2	-1181.8	-80.8	486.7	171.3	0.0084	0.0051	0.0140							
10339	361.5	-146.1	-1321.1	-58.8	494.8	142.7	0.0084	0.0051	0.0140							
10340	356.1	-154.7	-1339.0	-72.4	496.9	163.0	0.0084	0.0051	0.0140							
10341	364.1	-140.7	-1464.2	-54.6	495.6	138.7	0.0084	0.0051	0.0140							
10342	359.0	-149.6	-1479.3	-67.1	496.5	158.7	0.0084	0.0051	0.0140							
10343	361.5	-135.3	-1585.1	-50.7	489.7	137.7	0.0084	0.0051	0.0140							
10344	356.1	-143.8	-1597.7	-62.4	489.6	158.0	0.0084	0.0051	0.0140							
10345	354.9	-128.9	-1683.0	-46.4	479.3	138.9	0.0084	0.0051	0.0057							
10346	349.1	-136.8	-1693.6	-57.1	478.5	160.0	0.0084	0.0051	0.0057							
10347	345.1	-122.0	-1763.0	-41.4	464.9	141.7	0.0084	0.0051	0.0057							
10348	339.2	-129.3	-1772.5	-51.0	463.6	163.8	0.0084	0.0051	0.0057							
10349	332.4	-115.2	-1831.3	-35.9	445.3	145.7	0.0084	0.0051	0.0022							
10350	326.7	-122.1	-1840.3	-44.3	443.7	169.1	0.0084	0.0051	0.0022							
10351	317.4	-109.1	-1891.0	-30.3	416.8	150.5	0.0084	0.0051	0.0022							
10352	311.9	-115.6	-1899.8	-37.4	414.9	175.2	0.0084	0.0051	0.0022							
10353	300.4	-104.0	-1943.5	-24.7	376.1	155.8	0.0084	0.0051	0.0022							
10354	295.3	-110.3	-1952.1	-30.6	374.0	181.8	0.0084	0.0051	0.0022							
10355	281.9	-100.2	-1989.6	-19.3	321.9	161.3	0.0084	0.0051	0.0022							
10356	277.2	-106.4	-1998.2	-24.0	319.8	188.6	0.0084	0.0051	0.0022							
10357	262.3	-98.0	-2030.2	-14.1	254.8	166.7	0.0084	0.0051	0.0022							
10358	258.0	-104.1	-2038.8	-17.7	252.9	195.1	0.0084	0.0051	0.0022							
10359	241.6	-97.4	-2065.6	-9.4	176.7	171.9	0.0084	0.0051	0.0022							
10360	237.6	-103.4	-2074.1	-11.7	175.2	201.1	0.0084	0.0051	0.0022							
10361	273.6	-151.0	-2453.7	-10.2	61.7	210.2	0.0084	0.0051	0.0022							
10362	269.6	-157.3	-2460.7	-12.1	60.4	250.6	0.0084	0.0051	0.0022							
10363	248.4	-153.6	-2488.4	8.6	-119.7	215.7	0.0084	0.0051	0.0022							
10364	244.5	-159.9	-2495.1	10.9	-120.2	256.5	0.0084	0.0051	0.0022							
10365	216.4	-157.9	-2506.8	13.5	-232.0	220.9	0.0084	0.0051	0.0022							
10366	212.6	-164.2	-2513.4	16.7	-231.8	261.8	0.0084	0.0051	0.0022							
10367	176.5	-164.1	-2508.6	19.3	-344.2	225.5	0.0084	0.0051	0.0022							
10368	173.0	-170.4	-2515.4	23.5	-343.3	266.3	0.0084	0.0051	0.0022							
10369	128.2	-172.3	-2493.9	25.8	-453.1	229.5	0.0084	0.0051	0.0022							
10370	124.9	-178.5	-2501.3	31.1	-451.7	269.8	0.0084	0.0051	0.0022							
10371	71.1	-182.5	-2464.2	32.7	-556.3	232.7	0.0084	0.0051	0.0022							
10372	68.2	-188.6	-2472.5	39.1	-554.4	272.2	0.0084	0.0051	0.0022							
10373	5.7	-194.8	-2422.0	39.8	-651.7	235.2	0.0084	0.0051	0.0057							
10374	3.3	-200.8	-2431.7	47.1	-649.5	273.8	0.0084	0.0051	0.0057							
10375	-66.7	-209.3	-2371.9	46.7	-737.5	237.1	0.0084	0.0051	0.0057							
10376	-68.4	-215.0	-2383.2	54.8	-735.3	274.5	0.0084	0.0051	0.0057							
10377	-143.2	-226.0	-2320.0	52.9	-813.0	238.4	0.0084	0.0051	0.0057							
10378	-144.2	-231.4	-2333.2	61.6	-810.9	274.7	0.0084	0.0051	0.0057							
10379	-220.0	-244.6	-2274.8	58.0	-878.2	239.5	0.0084	0.0051	0.0022							
10380	-220.3	-249.6	-2290.0	66.9	-876.4	274.6	0.0084	0.0051	0.0022							
10381	-291.6	-265.1	-2246.9	61.3	-934.2	240.7	0.0084	0.0051	0.0022							
10382	-291.1	-269.5	-2264.2	70.0	-932.8	274.7	0.0084	0.0051	0.0022							
10383	-350.6	-286.9	-2249.2	61.9	-982.9	242.4	0.0084	0.0051	0.0022							
10384	-349.4	-290.5	-2268.6	69.7	-982.0	275.3	0.0084	0.0051	0.0022							
10385	-386.5	-308.9	-2297.4	58.5	-1024.9	244.4	0.0084	0.0051	0.0022							
10386	-384.9	-311.5	-2318.4	64.6	-1024.3	276.5	0.0084	0.0051	0.0022							
10387	-383.1	-329.1	-2410.3	49.1	-1052.8	245.7	0.0084	0.0051	0.0022							
10388	-381.4	-330.2	-2432.0	52.3	-1052.2	276.7	0.0084	0.0051	0.0022							
10389	-312.8	-338.2	-2579.1	30.8	-1021.3	239.9	0.0084	0.0051	0.0022							
10390	-311.9	-337.6	-2599.9	29.8	-1020.2	268.3	0.0084	0.0051	0.0022							
10391	-234.8	-337.8	-2755.9	-44.5	-902.9	222.5	0.0086	0.0153	0.0127	9.89	5.54	6.69	0.00	-0.44	-3.15	0.0
10392	-235.9	-336.0	-2774.6	-48.4	-902.9	246.2	0.0087	0.0152	0.0127	10.15	5.80	6.95	0.00	-0.44	-3.17	0.0
10393	244.5	-135.4	-2260.6	-7.5	73.3	193.4	0.0084	0.0051	0.0022							
10394	240.3	-141.8	-2268.2	-9.0	72.2	228.4	0.0084	0.0051	0.0022							
10395	217.7	-138.4	-2288.9	10.7	-96.5	198.2	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10396	213.7	-144.8	-2296.4	13.2	-96.8	233.5	0.0084	0.0051	0.0022							
10397	185.3	-143.5	-2305.4	15.9	-198.0	202.5	0.0084	0.0051	0.0022							
10398	181.4	-149.9	-2312.8	19.3	-197.6	237.9	0.0084	0.0051	0.0022							
10399	146.0	-150.7	-2309.4	22.1	-297.6	206.3	0.0084	0.0051	0.0022							
10400	142.2	-157.1	-2317.0	26.4	-296.6	241.5	0.0084	0.0051	0.0022							
10401	98.5	-160.3	-2300.8	28.9	-392.6	209.4	0.0084	0.0051	0.0022							
10402	95.0	-166.6	-2308.8	34.3	-391.1	244.2	0.0084	0.0051	0.0022							
10403	42.2	-172.3	-2280.4	36.3	-480.9	212.0	0.0084	0.0051	0.0022							
10404	39.0	-178.6	-2289.1	42.8	-479.0	246.1	0.0084	0.0051	0.0022							
10405	-23.0	-187.0	-2250.4	43.9	-561.2	214.2	0.0084	0.0051	0.0057							
10406	-25.9	-193.2	-2260.1	51.5	-559.2	247.5	0.0084	0.0051	0.0057							
10407	-96.6	-204.6	-2214.6	51.6	-633.3	216.1	0.0084	0.0051	0.0057							
10408	-98.9	-210.7	-2225.5	60.1	-631.4	248.6	0.0084	0.0051	0.0057							
10409	-176.8	-225.3	-2178.3	59.1	-698.4	218.1	0.0084	0.0051	0.0022							
10410	-178.6	-231.4	-2190.6	68.4	-696.9	249.8	0.0084	0.0051	0.0022							
10411	-261.4	-249.5	-2148.8	66.1	-759.0	220.6	0.0084	0.0051	0.0022							
10412	-262.6	-255.4	-2162.9	76.0	-758.0	251.8	0.0084	0.0051	0.0022							
10413	-347.4	-277.5	-2135.7	72.2	-819.4	224.3	0.0084	0.0051	0.0022							
10414	-348.0	-283.2	-2151.4	82.5	-819.2	255.2	0.0084	0.0051	0.0022							
10415	-431.1	-310.0	-2150.9	77.0	-886.1	230.2	0.0084	0.0051	0.0022							
10416	-431.2	-315.3	-2168.3	87.3	-886.6	261.3	0.0084	0.0051	0.0022							
10417	-506.9	-347.8	-2212.5	79.6	-968.3	239.5	0.0084	0.0051	0.0022							
10418	-506.5	-352.6	-2231.5	89.4	-969.4	271.5	0.0084	0.0051	0.0022							
10419	-561.3	-391.4	-2349.4	77.7	-1076.2	253.7	0.0084	0.0051	0.0022							
10420	-560.4	-395.3	-2370.1	86.0	-1077.5	287.5	0.0084	0.0051	0.0022							
10421	-555.9	-444.0	-2651.7	64.1	-1213.7	273.2	0.0084	0.0051	0.0022							
10422	-554.5	-446.3	-2673.5	68.6	-1213.6	309.5	0.0084	0.0051	0.0022							
10423	-274.3	-443.5	-3030.3	-52.7	-1083.4	258.3	0.0086	0.0153	0.0127	15.45	8.64	10.44	0.00	-0.59	-3.56	0.0
10424	-274.3	-441.7	-3049.8	-58.7	-1081.3	288.6	0.0087	0.0152	0.0127	15.77	8.98	10.77	0.00	-0.60	-3.58	0.0
10425	219.3	-98.7	-2095.6	7.3	90.7	176.7	0.0084	0.0051	0.0022							
10426	215.4	-104.6	-2104.0	8.9	89.8	206.5	0.0084	0.0051	0.0022							
10427	194.2	-101.9	-2119.6	11.6	-73.4	180.9	0.0084	0.0051	0.0022							
10428	190.5	-107.8	-2127.9	14.0	-73.5	210.9	0.0084	0.0051	0.0022							
10429	164.9	-107.2	-2136.4	16.9	-165.8	184.4	0.0084	0.0051	0.0022							
10430	161.3	-113.1	-2144.7	20.1	-165.1	214.5	0.0084	0.0051	0.0022							
10431	129.8	-114.7	-2144.8	23.0	-254.0	187.3	0.0084	0.0051	0.0022							
10432	126.2	-120.6	-2153.2	27.2	-252.7	217.0	0.0084	0.0051	0.0022							
10433	87.1	-124.8	-2143.8	29.9	-335.4	189.4	0.0084	0.0051	0.0022							
10434	83.6	-130.7	-2152.4	35.0	-333.6	218.7	0.0084	0.0051	0.0022							
10435	35.3	-137.5	-2133.2	37.4	-408.3	191.0	0.0084	0.0051	0.0057							
10436	32.0	-143.4	-2142.2	43.6	-406.3	219.6	0.0084	0.0051	0.0057							
10437	-26.5	-153.2	-2114.0	45.3	-472.4	192.2	0.0084	0.0051	0.0057							
10438	-29.5	-159.2	-2123.6	52.6	-470.3	220.1	0.0084	0.0051	0.0057							
10439	-98.4	-172.4	-2088.9	53.6	-528.3	193.3	0.0084	0.0051	0.0057							
10440	-101.1	-178.4	-2099.4	62.0	-526.4	220.4	0.0084	0.0051	0.0057							
10441	-179.7	-195.4	-2062.4	62.0	-578.1	194.6	0.0084	0.0051	0.0022							
10442	-181.9	-201.5	-2074.0	71.5	-576.6	221.0	0.0084	0.0051	0.0022							
10443	-269.5	-223.0	-2041.0	70.6	-625.0	196.6	0.0084	0.0051	0.0022							
10444	-271.3	-229.2	-2053.7	81.1	-624.0	222.5	0.0084	0.0051	0.0022							
10445	-367.1	-256.2	-2032.4	79.3	-673.9	199.9	0.0084	0.0051	0.0022							
10446	-368.5	-262.4	-2046.3	90.8	-673.6	225.7	0.0084	0.0051	0.0022							
10447	-473.5	-296.7	-2046.6	88.6	-732.3	205.4	0.0084	0.0051	0.0022							
10448	-474.7	-303.1	-2061.6	101.1	-732.9	231.6	0.0084	0.0051	0.0022							
10449	-593.1	-347.6	-2097.3	99.0	-812.2	214.8	0.0084	0.0051	0.0022							
10450	-594.2	-354.2	-2113.4	112.6	-813.6	242.4	0.0084	0.0051	0.0022							
10451	-736.3	-415.6	-2214.2	111.8	-938.3	232.0	0.0084	0.0051	0.0022							
10452	-737.5	-422.5	-2231.7	126.8	-940.6	262.4	0.0084	0.0051	0.0022							
10453	-923.0	-511.6	-2441.5	128.7	-1168.6	266.2	0.0084	0.0051	0.0022							
10454	-924.0	-519.0	-2461.7	145.6	-1171.7	302.6	0.0084	0.0051	0.0022							
10455	-1151.6	-744.9	-3539.0	138.1	-1837.4	372.5	0.0086	0.0154	0.0127				-0.15	-0.71	-4.58	
10456	-1152.4	-751.9	-3564.3	153.0	-1837.6	427.1	0.0087	0.0153	0.0127				-0.15	-0.71	-4.61	
10457	281.2	-167.5	-2420.1	-22.9	164.1	299.8	0.0084	0.0051	0.0022							
10458	296.5	-168.0	-2359.2	-31.1	260.9	292.0	0.0084	0.0051	0.0022							
10459	309.5	-169.9	-2287.5	-39.2	346.4	283.9	0.0084	0.0051	0.0022							
10460	322.1	-173.2	-2207.4	-47.3	419.5	275.8	0.0084	0.0051	0.0022							
10461	335.6	-177.8	-2120.9	-55.2	479.6	267.9	0.0084	0.0051	0.0022							
10462	351.5	-183.6	-2029.4	-62.8	526.7	260.4	0.0084	0.0051	0.0022							
10463	370.9	-190.2	-1934.5	-69.7	560.9	253.5	0.0084	0.0051	0.0057							
10464	395.2	-197.0	-1837.3	-75.4	582.2	247.4	0.0084	0.0051	0.0057							
10465	426.3	-202.4	-1737.6	-79.1	590.5	242.2	0.0084	0.0051	0.0057							
10466	466.1	-203.4	-1631.3	-79.9	586.0	238.3	0.0084	0.0051	0.0140							
10467	516.1	-195.9	-1510.1	-78.0	569.9	236.8	0.0084	0.0051	0.0140							
10468	576.3	-176.9	-1369.3	-75.8	549.7	239.5	0.0084	0.0051	0.0140							
10469	644.7	-149.2	-1202.0	-80.7	554.9	249.3	0.0084	0.0051	0.0140							
10470	718.0	-122.8	-992.0	-102.5	582.0	267.0	0.0531	0.0051	0.0140							
10471	789.0	-100.3	-737.4	-153.5	591.5	282.9	0.0531	0.0051	0.0140							
10472	798.2	26.3	-603.8	-213.0	520.4	256.1	0.0536	0.0150	0.0244	18.42	65.58	40.37	0.00	-0.87	-1.87	0.0
10473	267.9	-185.3	-2429.4	-28.6	158.8	370.9	0.0084	0.0051	0.0022							
10474	282.5	-185.5	-2370.5	-39.3	254.2	361.9	0.0084	0.0051	0.0022							
10475	294.6	-187.2	-2301.4	-50.0	339.0	352.3	0.0084	0.0051	0.0022							
10476	305.9	-190.2	-2224.2	-60.6	411.9	342.5	0.0084	0.0051	0.0022							
10477	318.0	-194.4	-2140.7	-71.0	472.5	332.7	0.0084	0.0051	0.0022							
10478	332.3	-199.6	-2052.6	-81.2	520.7	323.4	0.0084	0.0051	0.0022							
10479	350.2	-205.7	-1961.3	-90.7	556.6	314.6	0.0084	0.0051	0.0057							
10480	373.4	-212.2	-1868.2	-98.9	580.0	306.6	0.0084	0.0051	0.0057							
10481	404.1	-218.2	-1773.7	-104.7	590.7	299.6	0.0084	0.0051	0.0057							
10482	444.7	-221.1	-1674.9	-106.7	588.7	294.1	0.0084	0.0051	0.0140							
10483	496.8	-216.0	-1564.5	-103.4	575.1	291.1	0.0084	0.0051	0.0140							
10484	558.5	-195.5	-1435.7	-95.6	556.5	292.8	0.0084	0.0051	0.0140							
10485	620.5	-154.1	-1280.3	-90.7	565.3	303.2	0.0084	0.0051	0.0140							
10486	663.4	-99.8	-1080.7	-106.8	603.3	326.2	0.0084	0.0051	0.0140							
10487	652.1	-51.5	-831.5	-147.6	631.2	349.8	0.0531	0.0051	0.0140							
10488	533.6	-49.1	-755.9	119.4	577.1	366.3	0.0539	0.0147	0.0244	15.32	56.04	33.77	0.00	-0.85	-1.89	0.0
10489	250.8	-207.0	-2437.2	-33.5	152.5	440.9	0.0084	0.0051	0.0022							
10490	264.4	-207.0	-2380.8	-46.7	245.8	430.9	0.0084	0.0051	0.0022							
10491	275.4	-208.4	-2314.8	-59.7	329.4	420.1	0.0084	0.0051	0.0022							
10492	285.2	-210.9	-2241.1	-72.7	402.0	408.8	0.0084	0.0051	0.0022							
10493	295.5	-214.6	-2161.5	-85.6	463.0	397.6	0.0084	0.0051	0.0022							
10494	307.6	-219.2	-2077.6	-98.4	512.4	386.7	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10495	323.1	-224.5	-1991.0	-110.8	550.1	376.3	0.0084	0.0051	0.0057							
10496	344.0	-230.3	-1903.2	-122.0	576.1	366.8	0.0084	0.0051	0.0057							
10497	372.9	-235.9	-1814.9	-131.1	589.9	358.4	0.0084	0.0051	0.0057							
10498	413.2	-239.9	-1725.0	-136.2	591.6	351.4	0.0084	0.0051	0.0140							
10499	468.1	-238.8	-1627.4	-134.5	581.5	346.7	0.0084	0.0051	0.0140							
10500	537.4	-223.8	-1514.3	-122.7	564.2	346.0	0.0084	0.0051	0.0140							
10501	610.9	-179.7	-1375.2	-100.1	569.8	352.7	0.0084	0.0051	0.0140							
10502	657.7	-96.7	-1189.9	-79.4	614.0	371.8	0.0084	0.0051	0.0140							
10503	627.0	-19.9	-949.6	-83.7	660.1	415.4	0.0531	0.0051	0.0140							
10504	522.0	-73.1	-875.8	103.6	593.1	463.2	0.0543	0.0143	0.0244	15.13	57.25	33.60	0.00	-0.83	-2.06	0.0
10505	229.6	-232.8	-2444.7	-37.6	145.3	509.9	0.0084	0.0051	0.0022							
10506	242.2	-232.4	-2391.3	-52.9	236.1	499.1	0.0084	0.0051	0.0022							
10507	251.9	-233.3	-2328.9	-68.0	318.0	487.3	0.0084	0.0051	0.0022							
10508	260.1	-235.3	-2259.4	-83.2	389.9	475.1	0.0084	0.0051	0.0022							
10509	268.2	-238.2	-2184.4	-98.4	451.2	462.7	0.0084	0.0051	0.0022							
10510	277.5	-242.0	-2105.6	-113.5	501.8	450.6	0.0084	0.0051	0.0057							
10511	289.7	-246.3	-2024.7	-128.5	541.6	439.0	0.0084	0.0051	0.0057							
10512	306.7	-251.0	-1943.1	-143.0	570.5	428.3	0.0084	0.0051	0.0057							
10513	331.5	-255.3	-1862.2	-156.1	588.2	418.7	0.0084	0.0051	0.0057							
10514	368.0	-258.7	-1781.8	-166.3	594.7	410.6	0.0084	0.0051	0.0140							
10515	421.3	-259.3	-1698.1	-171.1	589.9	404.2	0.0084	0.0051	0.0140							
10516	496.5	-252.8	-1603.8	-165.3	575.8	400.3	0.0084	0.0051	0.0140							
10517	593.7	-225.1	-1487.0	-140.2	568.4	400.3	0.0084	0.0051	0.0140							
10518	694.5	-145.7	-1324.0	-88.2	604.8	406.2	0.0084	0.0051	0.0140							
10519	747.4	-4.9	-1087.4	-29.4	656.9	417.0	0.0531	0.0051	0.0140							
10520	714.7	6.2	-975.6	56.4	636.1	623.3	0.0547	0.0139	0.0244	18.31	72.11	41.00	0.00	-0.84	-2.42	0.0
10521	254.4	-152.0	-2239.3	-19.1	164.4	270.8	0.0084	0.0051	0.0022							
10522	273.3	-152.6	-2191.8	-27.4	250.3	263.6	0.0084	0.0051	0.0022							
10523	290.2	-154.9	-2136.0	-35.9	325.7	255.9	0.0084	0.0051	0.0022							
10524	306.1	-158.8	-2073.1	-44.4	389.0	248.0	0.0084	0.0051	0.0022							
10525	321.9	-164.1	-2004.0	-53.0	439.4	240.3	0.0084	0.0051	0.0022							
10526	338.3	-170.7	-1929.5	-61.5	476.8	233.0	0.0084	0.0051	0.0022							
10527	356.0	-178.3	-1850.1	-69.4	501.9	226.6	0.0084	0.0051	0.0057							
10528	375.5	-186.1	-1765.8	-76.2	516.2	221.3	0.0084	0.0051	0.0057							
10529	397.3	-192.8	-1673.2	-81.3	523.0	217.8	0.0084	0.0051	0.0057							
10530	420.8	-196.3	-1564.4	-84.4	529.1	217.0	0.0084	0.0051	0.0140							
10531	443.1	-194.2	-1433.0	-86.4	537.8	220.2	0.0084	0.0051	0.0140							
10532	457.4	-186.2	-1277.5	-91.5	546.3	229.7	0.0084	0.0051	0.0140							
10533	454.8	-178.8	-1097.6	-109.2	548.3	247.1	0.0084	0.0051	0.0140							
10534	431.8	-187.4	-906.6	-151.1	542.3	270.2	0.0531	0.0051	0.0140							
10535	400.4	-213.3	-775.5	-226.9	571.1	287.8	0.0531	0.0051	0.0140							
10536	331.8	-86.1	-844.6	-313.0	555.2	312.5	0.0535	0.0151	0.0244	11.29	40.13	24.74	0.00	-0.59	-1.82	0.0
10537	240.9	-170.7	-2250.8	-24.1	159.8	332.4	0.0084	0.0051	0.0022							
10538	258.8	-171.2	-2204.5	-34.9	244.3	324.0	0.0084	0.0051	0.0022							
10539	274.7	-173.3	-2150.3	-45.8	318.8	314.9	0.0084	0.0051	0.0022							
10540	289.4	-177.1	-2089.2	-56.9	382.0	305.5	0.0084	0.0051	0.0022							
10541	303.9	-182.4	-2022.1	-68.1	433.0	296.0	0.0084	0.0051	0.0022							
10542	318.9	-189.0	-1949.9	-79.3	471.6	287.0	0.0084	0.0051	0.0022							
10543	335.4	-196.7	-1873.4	-90.0	498.4	278.9	0.0084	0.0051	0.0057							
10544	354.4	-205.1	-1792.8	-99.6	514.6	272.1	0.0084	0.0051	0.0057							
10545	376.6	-213.2	-1705.8	-107.1	522.6	267.4	0.0084	0.0051	0.0057							
10546	401.8	-219.0	-1605.6	-111.4	529.2	265.6	0.0084	0.0051	0.0140							
10547	426.6	-218.8	-1484.7	-112.2	540.2	268.7	0.0084	0.0051	0.0140							
10548	441.4	-207.7	-1339.7	-111.7	553.3	279.6	0.0084	0.0051	0.0140							
10549	426.3	-183.3	-1169.2	-120.0	560.8	301.6	0.0084	0.0051	0.0140							
10550	353.7	-160.0	-986.1	-158.3	561.5	335.8	0.0531	0.0051	0.0140							
10551	199.6	-161.3	-876.1	-219.2	588.8	369.8	0.0531	0.0051	0.0140							
10552	-81.1	-223.3	-1076.8	-104.1	533.2	380.6	0.0539	0.0148	0.0244	3.00	10.96	6.62	0.00	-0.27	-1.60	0.0
10553	223.4	-193.9	-2261.2	-28.5	154.3	392.6	0.0084	0.0051	0.0022							
10554	240.4	-194.2	-2216.4	-41.7	236.8	383.4	0.0084	0.0051	0.0022							
10555	255.0	-196.2	-2164.1	-55.1	310.2	373.3	0.0084	0.0051	0.0022							
10556	268.1	-199.8	-2105.3	-68.7	373.0	362.6	0.0084	0.0051	0.0022							
10557	280.8	-204.9	-2040.9	-82.5	424.5	351.8	0.0084	0.0051	0.0022							
10558	293.9	-211.3	-1971.8	-96.5	464.5	341.5	0.0084	0.0051	0.0022							
10559	308.5	-218.9	-1899.1	-110.3	493.4	332.1	0.0084	0.0051	0.0057							
10560	325.9	-227.5	-1823.2	-123.2	512.0	324.2	0.0084	0.0051	0.0057							
10561	347.5	-236.4	-1742.8	-134.2	522.1	318.6	0.0084	0.0051	0.0057							
10562	374.0	-244.5	-1653.0	-141.7	528.5	316.1	0.0084	0.0051	0.0140							
10563	403.8	-248.9	-1545.8	-143.4	539.9	318.6	0.0084	0.0051	0.0140							
10564	428.7	-242.5	-1415.9	-137.0	557.7	329.4	0.0084	0.0051	0.0140							
10565	426.3	-213.6	-1259.9	-122.8	574.4	353.7	0.0084	0.0051	0.0140							
10566	352.1	-154.9	-1085.9	-112.8	588.0	396.5	0.0084	0.0051	0.0140							
10567	155.9	-138.5	-980.6	-126.2	633.3	472.1	0.0531	0.0051	0.0140							
10568	-110.3	-264.7	-1204.6	-89.3	517.0	464.8	0.0542	0.0144	0.0244	2.34	8.81	5.19	0.00	-0.26	-1.70	0.0
10569	202.0	-221.9	-2271.2	-32.4	148.1	451.8	0.0084	0.0051	0.0022							
10570	217.8	-222.0	-2228.3	-47.7	228.1	442.0	0.0084	0.0051	0.0022							
10571	230.9	-223.7	-2178.4	-63.3	300.0	431.1	0.0084	0.0051	0.0022							
10572	242.3	-227.0	-2122.4	-79.2	362.2	419.5	0.0084	0.0051	0.0022							
10573	252.7	-231.6	-2061.3	-95.5	414.2	407.9	0.0084	0.0051	0.0022							
10574	263.3	-237.7	-1996.1	-112.1	455.8	396.7	0.0084	0.0051	0.0057							
10575	275.0	-244.9	-1927.9	-128.9	487.1	386.5	0.0084	0.0051	0.0057							
10576	289.4	-253.1	-1857.5	-145.4	508.9	378.0	0.0084	0.0051	0.0057							
10577	308.3	-262.1	-1784.7	-160.8	522.3	371.9	0.0084	0.0051	0.0057							
10578	333.5	-271.2	-1706.3	-173.6	530.0	369.0	0.0084	0.0051	0.0140							
10579	366.0	-279.3	-1615.7	-181.3	538.4	370.9	0.0084	0.0051	0.0140							
10580	403.6	-282.6	-1506.2	-178.9	556.4	380.1	0.0084	0.0051	0.0140							
10581	435.9	-270.2	-1373.1	-157.5	582.2	402.1	0.0084	0.0051	0.0140							
10582	434.0	-217.6	-1218.3	-103.3	609.9	443.6	0.0084	0.0051	0.0140							
10583	344.7	-114.4	-1092.4	-38.8	675.9	512.4	0.0531	0.0051	0.0140							
10584	160.0	-251.0	-1192.2	-92.4	682.7	733.6	0.0547	0.0140	0.0244	9.51	37.25	21.28	0.00	-0.52	-2.33	0.0
10585	230.0	-114.2	-2085.6	-15.0	172.4	241.9	0.0084	0.0051	0.0022							
10586	249.9	-115.0	-2050.4	-22.6	249.2	234.8	0.0084	0.0051	0.0022							
10587	268.5	-117.5	-2010.1	-30.6	315.5	227.0	0.0084	0.0051	0.0022							
10588	285.7	-121.6	-1964.2	-39.0	369.6	218.7	0.0084	0.0051	0.0022							
10589	301.6	-127.2	-1912.2	-47.7	410.8	210.4	0.0084	0.0051	0.0022							
10590	315.8	-134.1	-1853.5	-56.5	440.1	202.6	0.0084	0.0051	0.0022							
10591	328.0	-142.0	-1786.9	-65.1	460.3	195.8	0.0084	0.0051	0.0057							
10592	338.2	-150.4	-1710.1	-73.1	475.7	190.6	0.0084	0.0051	0.0057							
10593	345.8	-158.5	-1617.9	-79.9	488.0	187.6	0.0084	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10594	349.5	-165.3	-1504.6	-85.7	496.8	187.8	0.0084	0.0051	0.0140							
10595	346.6	-170.3	-1369.5	-91.7	499.5	192.5	0.0084	0.0051	0.0140							
10596	333.3	-174.7	-1217.5	-101.8	491.3	202.6	0.0084	0.0051	0.0140							
10597	309.6	-185.4	-1060.1	-123.0	476.8	217.6	0.0084	0.0051	0.0140							
10598	290.2	-213.2	-925.8	-160.3	496.2	235.2	0.0531	0.0051	0.0140							
10599	302.9	-250.2	-852.1	-213.8	557.3	257.8	0.0531	0.0051	0.0140							
10600	354.9	-242.6	-894.2	-289.5	732.0	435.4	0.0535	0.0151	0.0244	13.09	46.46	28.67	0.00	-0.73	-2.15	0.0
10601	217.5	-132.0	-2099.8	-19.1	168.0	293.5	0.0084	0.0051	0.0022							
10602	236.6	-132.8	-2065.1	-29.0	243.1	285.3	0.0084	0.0051	0.0022							
10603	254.0	-135.4	-2025.2	-39.3	308.5	276.1	0.0084	0.0051	0.0022							
10604	270.1	-139.8	-1979.9	-50.0	362.2	266.2	0.0084	0.0051	0.0022							
10605	284.7	-145.7	-1928.7	-61.3	403.8	256.2	0.0084	0.0051	0.0022							
10606	297.8	-153.1	-1871.3	-72.8	433.7	246.6	0.0084	0.0051	0.0022							
10607	309.3	-161.8	-1806.8	-84.2	454.5	238.0	0.0084	0.0051	0.0057							
10608	319.4	-171.5	-1733.6	-94.9	470.2	231.3	0.0084	0.0051	0.0057							
10609	328.0	-181.4	-1647.3	-104.3	483.8	227.1	0.0084	0.0051	0.0140							
10610	333.7	-190.5	-1542.2	-111.7	495.2	226.7	0.0084	0.0051	0.0140							
10611	332.8	-196.9	-1416.2	-117.5	501.8	231.7	0.0084	0.0051	0.0140							
10612	318.5	-198.8	-1272.6	-124.4	498.6	244.5	0.0084	0.0051	0.0140							
10613	281.9	-197.3	-1123.1	-140.7	489.9	265.9	0.0084	0.0051	0.0140							
10614	223.4	-206.1	-1001.1	-178.5	516.0	294.4	0.0531	0.0051	0.0140							
10615	168.4	-239.2	-969.5	-222.2	577.5	335.6	0.0531	0.0051	0.0140							
10616	128.0	-332.5	-1072.1	-204.0	801.1	511.2	0.0538	0.0148	0.0244	9.88	35.96	21.76	0.00	-0.65	-2.23	0.0
10617	201.5	-154.4	-2113.5	-23.1	162.8	343.4	0.0084	0.0051	0.0022							
10618	219.5	-155.3	-2079.4	-35.1	235.7	334.4	0.0084	0.0051	0.0022							
10619	235.6	-157.9	-2040.2	-47.7	299.7	324.2	0.0084	0.0051	0.0022							
10620	250.1	-162.4	-1995.8	-60.8	352.9	313.0	0.0084	0.0051	0.0022							
10621	263.1	-168.5	-1945.9	-74.6	394.8	301.7	0.0084	0.0051	0.0022							
10622	274.5	-176.3	-1890.3	-88.8	425.7	290.7	0.0084	0.0051	0.0057							
10623	284.8	-185.5	-1828.6	-103.3	447.2	280.9	0.0084	0.0051	0.0057							
10624	294.3	-196.1	-1759.7	-117.4	463.0	273.0	0.0084	0.0051	0.0057							
10625	303.2	-207.8	-1680.6	-130.2	477.0	267.9	0.0084	0.0051	0.0057							
10626	311.2	-219.8	-1585.9	-140.6	490.4	266.8	0.0084	0.0051	0.0140							
10627	315.3	-230.4	-1471.9	-147.4	501.5	271.6	0.0084	0.0051	0.0140							
10628	308.6	-236.4	-1339.9	-150.1	506.3	285.9	0.0084	0.0051	0.0140							
10629	278.7	-232.7	-1199.2	-150.1	507.4	314.4	0.0084	0.0051	0.0140							
10630	212.0	-220.7	-1081.2	-157.0	540.6	360.5	0.0531	0.0051	0.0140							
10631	120.9	-258.5	-1052.7	-184.9	606.9	431.2	0.0531	0.0051	0.0140							
10632	85.2	-389.2	-1221.9	-197.5	796.3	590.7	0.0542	0.0144	0.0244	8.67	32.56	19.23	0.00	-0.61	-2.33	0.0
10633	181.7	-182.0	-2127.0	-26.6	156.9	391.6	0.0084	0.0051	0.0022							
10634	198.5	-182.7	-2093.7	-40.8	227.3	382.0	0.0084	0.0051	0.0022							
10635	213.1	-185.3	-2055.4	-55.5	289.5	371.1	0.0084	0.0051	0.0022							
10636	225.8	-189.7	-2012.3	-70.9	342.1	359.2	0.0084	0.0051	0.0022							
10637	236.7	-195.8	-1964.2	-87.1	384.3	347.0	0.0084	0.0051	0.0022							
10638	246.0	-203.6	-1911.0	-104.0	416.3	335.2	0.0084	0.0051	0.0057							
10639	254.2	-213.1	-1852.7	-121.6	439.4	324.7	0.0084	0.0051	0.0057							
10640	261.9	-224.3	-1788.9	-139.2	455.7	316.1	0.0084	0.0051	0.0057							
10641	269.8	-237.0	-1717.8	-156.2	469.0	310.4	0.0084	0.0051	0.0022							
10642	278.4	-251.3	-1635.2	-171.6	482.5	308.8	0.0084	0.0051	0.0140							
10643	286.9	-266.7	-1536.5	-183.5	496.6	312.9	0.0084	0.0051	0.0140							
10644	292.2	-281.7	-1420.9	-189.4	509.8	326.6	0.0084	0.0051	0.0140							
10645	288.1	-292.3	-1293.9	-184.7	524.5	357.3	0.0084	0.0051	0.0140							
10646	266.7	-289.8	-1177.9	-163.4	564.2	417.4	0.0084	0.0051	0.0140							
10647	223.7	-277.0	-1116.8	-144.0	639.8	510.3	0.0531	0.0051	0.0140							
10648	170.3	-470.2	-1209.3	-177.3	827.2	736.1	0.0546	0.0140	0.0244	10.74	41.82	23.98	0.00	-0.71	-2.55	0.0
10649	-237.8	-332.8	-2804.5	-53.6	-902.2	282.1	0.0089	0.0150	0.0127	10.49	6.20	7.34	0.00	-0.45	-3.21	0.0
10650	-309.8	-335.4	-2633.9	28.0	-1016.8	309.7	0.0084	0.0051	0.0022							
10651	-377.5	-331.4	-2468.1	56.4	-1049.1	322.0	0.0084	0.0051	0.0022							
10652	-381.1	-315.3	-2353.4	72.7	-1021.5	323.3	0.0084	0.0051	0.0022							
10653	-346.5	-296.3	-2300.7	80.2	-978.6	323.2	0.0084	0.0051	0.0022							
10654	-289.4	-276.8	-2292.7	81.7	-928.5	323.7	0.0084	0.0051	0.0022							
10655	-220.1	-258.1	-2314.5	79.1	-871.3	325.0	0.0084	0.0051	0.0022							
10656	-145.6	-240.8	-2353.6	73.5	-805.2	326.6	0.0084	0.0051	0.0057							
10657	-71.2	-225.1	-2399.9	66.0	-729.4	327.9	0.0084	0.0051	0.0057							
10658	-0.8	-211.3	-2445.1	57.2	-643.9	328.5	0.0084	0.0051	0.0057							
10659	63.0	-199.5	-2483.3	47.9	-549.5	328.1	0.0084	0.0051	0.0022							
10660	118.9	-189.6	-2510.1	38.5	-447.8	326.4	0.0084	0.0051	0.0022							
10661	166.3	-181.7	-2523.0	29.5	-340.7	323.5	0.0084	0.0051	0.0022							
10662	205.6	-175.5	-2520.5	21.3	-230.7	319.2	0.0084	0.0051	0.0022							
10663	237.2	-171.2	-2502.2	14.1	-120.6	313.6	0.0084	0.0051	0.0022							
10664	262.0	-168.5	-2468.4	-14.7	58.2	307.1	0.0084	0.0051	0.0022							
10665	-240.4	-325.9	-2847.0	-59.0	-899.7	327.9	0.0092	0.0147	0.0127	10.80	6.75	7.82	0.00	-0.45	-3.26	0.0
10666	-306.1	-331.7	-2683.6	-28.1	-1009.6	364.2	0.0084	0.0051	0.0022							
10667	-370.8	-332.8	-2521.5	60.4	-1042.3	381.8	0.0084	0.0051	0.0022							
10668	-374.5	-321.1	-2405.4	81.7	-1015.1	385.3	0.0084	0.0051	0.0022							
10669	-341.3	-305.4	-2348.4	92.4	-971.3	386.6	0.0084	0.0051	0.0022							
10670	-286.3	-288.5	-2334.5	95.6	-919.9	388.4	0.0084	0.0051	0.0022							
10671	-219.4	-271.7	-2349.9	93.6	-861.4	391.1	0.0084	0.0051	0.0022							
10672	-147.4	-255.8	-2382.6	87.9	-794.6	394.2	0.0084	0.0051	0.0057							
10673	-75.5	-241.2	-2422.8	79.6	-718.6	397.0	0.0084	0.0051	0.0057							
10674	-7.3	-228.2	-2462.8	69.6	-633.6	399.0	0.0084	0.0051	0.0057							
10675	54.7	-217.0	-2496.7	58.8	-540.4	399.7	0.0084	0.0051	0.0022							
10676	109.1	-207.5	-2520.3	47.8	-440.5	398.9	0.0084	0.0051	0.0022							
10677	155.5	-199.7	-2531.0	37.2	-335.7	396.4	0.0084	0.0051	0.0022							
10678	193.9	-193.7	-2527.5	27.2	-228.2	392.2	0.0084	0.0051	0.0022							
10679	224.9	-189.3	-2509.1	18.2	-120.6	386.4	0.0084	0.0051	0.0022							
10680	249.2	-186.5	-2476.1	-17.8	55.0	379.2	0.0084	0.0051	0.0022							
10681	-243.3	-317.3	-2893.8	-63.1	-894.4	374.2	0.0096	0.0143	0.0127	10.92	7.30	8.24	0.00	-0.46	-3.31	0.0
10682	-301.2	-326.4	-2739.3	-28.8	-998.4	418.7	0.0084	0.0051	0.0022							
10683	-361.9	-333.7	-2582.4	62.6	-1031.4	442.2	0.0084	0.0051	0.0022							
10684	-365.7	-327.3	-2465.2	88.6	-1004.8	448.3	0.0084	0.0051	0.0022							
10685	-334.4	-315.8	-2403.2	102.4	-960.3	450.9	0.0084	0.0051	0.0022							
10686	-282.1	-302.0	-2382.5	107.5	-907.4	453.7	0.0084	0.0051	0.0022							
10687	-218.3	-287.7	-2390.2	106.3	-847.6	457.3	0.0084	0.0051	0.0022							
10688	-149.5	-273.7	-2415.0	100.6	-780.0	461.5	0.0084	0.0051	0.0057							
10689	-80.7	-260.6	-2447.9	91.7	-704.0	465.3	0.0084	0.0051	0.0057							
10690	-15.4	-248.8	-2481.4	80.8	-619.8	468.3	0.0084	0.0051	0.0057							
10691	44.2	-238.3	-2509.9	68.8	-528.2	469.9	0.0084	0.0051	0.0057							
10692	96.7	-229.3	-2529.5	56.5	-430.6	469.7	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10693	141.7	-221.8	-2537.5	44.4	-328.6	467.6	0.0084	0.0051	0.0022							
10694	179.0	-215.8	-2532.6	32.9	-224.3	463.6	0.0084	0.0051	0.0022							
10695	209.2	-211.4	-2514.1	22.3	-119.9	457.6	0.0084	0.0051	0.0022							
10696	232.8	-208.5	-2482.0	-20.3	51.4	449.9	0.0084	0.0051	0.0022							
10697	-246.3	-307.1	-2943.5	-65.9	-886.7	420.7	0.0100	0.0139	0.0127	10.94	7.90	8.64	0.00	-0.46	-3.37	0.0
10698	-294.9	-319.4	-2800.1	-29.9	-982.7	472.2	0.0084	0.0051	0.0022							
10699	-351.0	-333.9	-2650.2	62.9	-1015.8	502.8	0.0084	0.0051	0.0022							
10700	-355.1	-333.8	-2532.4	93.2	-990.3	512.3	0.0084	0.0051	0.0022							
10701	-326.0	-327.1	-2465.2	109.9	-945.2	516.2	0.0084	0.0051	0.0022							
10702	-277.0	-317.2	-2436.8	116.8	-891.0	519.7	0.0084	0.0051	0.0022							
10703	-216.9	-305.8	-2435.8	116.5	-829.9	524.0	0.0084	0.0051	0.0022							
10704	-152.1	-294.2	-2451.7	111.0	-761.6	528.7	0.0084	0.0051	0.0057							
10705	-87.0	-283.0	-2476.0	102.0	-685.8	533.2	0.0084	0.0051	0.0057							
10706	-25.1	-272.5	-2502.0	90.5	-602.7	536.7	0.0084	0.0051	0.0057							
10707	31.6	-263.0	-2524.3	77.7	-513.1	538.8	0.0084	0.0051	0.0057							
10708	81.8	-254.7	-2539.2	64.3	-418.3	539.1	0.0084	0.0051	0.0022							
10709	124.8	-247.6	-2544.0	51.0	-319.7	537.3	0.0084	0.0051	0.0022							
10710	160.8	-241.9	-2537.4	38.2	-219.1	533.4	0.0084	0.0051	0.0022							
10711	189.8	-237.5	-2518.6	26.1	-118.7	527.4	0.0084	0.0051	0.0022							
10712	212.5	-234.5	-2487.5	-22.2	47.6	519.5	0.0084	0.0051	0.0022							
10713	-274.3	-438.6	-3081.0	-67.0	-1076.7	334.3	0.0089	0.0151	0.0127	16.18	9.53	11.29	0.00	-0.61	-3.62	0.0
10714	-551.3	-448.8	-2709.5	74.3	-1211.5	362.4	0.0084	0.0051	0.0022							
10715	-557.9	-401.3	-2404.8	97.3	-1078.1	337.2	0.0084	0.0051	0.0022							
10716	-504.8	-360.3	-2263.3	102.9	-969.9	318.5	0.0084	0.0051	0.0022							
10717	-430.5	-324.2	-2197.1	101.6	-886.0	306.6	0.0084	0.0051	0.0022							
10718	-348.4	-292.8	-2177.0	96.8	-817.2	299.9	0.0084	0.0051	0.0022							
10719	-264.1	-265.6	-2185.3	89.9	-754.8	296.6	0.0084	0.0051	0.0022							
10720	-181.3	-242.0	-2209.9	81.4	-692.7	295.3	0.0084	0.0051	0.0057							
10721	-102.8	-221.7	-2241.8	72.0	-626.6	294.9	0.0084	0.0051	0.0057							
10722	-30.8	-204.5	-2274.0	62.0	-554.2	294.8	0.0084	0.0051	0.0057							
10723	33.2	-190.0	-2301.0	51.9	-474.4	294.3	0.0084	0.0051	0.0022							
10724	88.5	-178.1	-2319.2	42.0	-387.2	293.1	0.0084	0.0051	0.0022							
10725	135.3	-168.6	-2326.4	32.7	-293.8	290.8	0.0084	0.0051	0.0022							
10726	174.2	-161.4	-2321.9	24.2	-196.2	287.5	0.0084	0.0051	0.0022							
10727	206.2	-156.3	-2305.4	16.7	-96.8	283.0	0.0084	0.0051	0.0022							
10728	232.5	-153.2	-2277.6	-11.0	70.4	277.4	0.0084	0.0051	0.0022							
10729	-273.6	-431.1	-3125.2	-77.4	-1067.9	392.1	0.0092	0.0148	0.0127	16.64	10.34	12.01	0.00	-0.62	-3.67	0.0
10730	-545.3	-453.3	-2762.8	80.2	-1206.0	432.9	0.0084	0.0051	0.0022							
10731	-553.1	-411.1	-2456.5	110.9	-1077.2	404.2	0.0084	0.0051	0.0022							
10732	-501.6	-373.0	-2310.6	119.5	-968.8	381.7	0.0084	0.0051	0.0022							
10733	-428.9	-338.7	-2239.7	119.3	-883.4	367.4	0.0084	0.0051	0.0022							
10734	-348.6	-308.6	-2214.6	114.6	-812.6	359.4	0.0084	0.0051	0.0022							
10735	-266.2	-282.3	-2217.6	107.1	-748.3	355.8	0.0084	0.0051	0.0022							
10736	-185.4	-259.4	-2237.2	97.6	-684.7	354.8	0.0084	0.0051	0.0057							
10737	-108.9	-239.7	-2264.4	86.8	-617.8	355.0	0.0084	0.0051	0.0057							
10738	-38.7	-222.8	-2292.4	75.2	-545.3	355.7	0.0084	0.0051	0.0057							
10739	23.9	-208.6	-2316.1	63.4	-466.1	356.1	0.0084	0.0051	0.0022							
10740	78.1	-196.8	-2331.8	51.7	-380.2	355.5	0.0084	0.0051	0.0022							
10741	124.0	-187.5	-2337.5	40.6	-288.7	353.8	0.0084	0.0051	0.0022							
10742	162.3	-180.3	-2332.1	30.4	-193.2	350.6	0.0084	0.0051	0.0022							
10743	193.7	-175.1	-2315.5	21.2	-96.3	345.9	0.0084	0.0051	0.0022							
10744	219.5	-171.9	-2288.2	-13.5	67.8	339.7	0.0084	0.0051	0.0022							
10745	-272.8	-421.1	-3174.1	-87.4	-1054.3	449.6	0.0095	0.0144	0.0127	16.92	11.22	12.70	0.00	-0.62	-3.73	0.0
10746	-537.0	-457.6	-2823.7	84.4	-1196.7	504.5	0.0084	0.0051	0.0022							
10747	-546.3	-422.4	-2516.4	122.5	-1073.7	473.1	0.0084	0.0051	0.0022							
10748	-496.9	-388.1	-2365.2	134.5	-965.7	447.1	0.0084	0.0051	0.0022							
10749	-426.4	-356.2	-2288.5	135.5	-878.6	430.0	0.0084	0.0051	0.0022							
10750	-348.4	-327.8	-2257.3	131.0	-805.5	420.3	0.0084	0.0051	0.0022							
10751	-268.6	-302.8	-2254.1	123.0	-739.1	415.8	0.0084	0.0051	0.0022							
10752	-190.4	-280.9	-2267.4	112.6	-673.8	414.5	0.0084	0.0051	0.0057							
10753	-116.3	-261.9	-2288.8	100.6	-606.0	414.9	0.0084	0.0051	0.0057							
10754	-48.4	-245.6	-2311.7	87.6	-533.4	415.9	0.0084	0.0051	0.0057							
10755	12.2	-231.8	-2331.2	74.2	-455.0	416.7	0.0084	0.0051	0.0057							
10756	64.9	-220.3	-2343.8	61.0	-370.8	416.6	0.0084	0.0051	0.0022							
10757	109.7	-211.0	-2347.5	48.3	-281.6	415.1	0.0084	0.0051	0.0022							
10758	147.1	-203.8	-2341.0	36.4	-189.0	412.1	0.0084	0.0051	0.0022							
10759	177.8	-198.6	-2324.3	25.5	-95.2	407.2	0.0084	0.0051	0.0022							
10760	202.9	-195.3	-2297.4	-15.5	64.9	400.7	0.0084	0.0051	0.0022							
10761	-271.6	-408.6	-3226.7	-97.2	-1037.3	507.0	0.0100	0.0140	0.0127	17.15	12.26	13.46	0.00	-0.63	-3.79	0.0
10762	-526.4	-461.3	-2891.8	86.1	-1182.9	576.4	0.0084	0.0051	0.0022							
10763	-537.5	-435.3	-2584.0	131.9	-1067.4	544.5	0.0084	0.0051	0.0022							
10764	-491.0	-405.7	-2426.8	147.4	-960.3	515.2	0.0084	0.0051	0.0022							
10765	-423.4	-376.7	-2343.6	149.8	-871.5	495.0	0.0084	0.0051	0.0022							
10766	-348.2	-350.4	-2305.4	145.5	-796.0	483.1	0.0084	0.0051	0.0022							
10767	-271.5	-327.0	-2294.8	137.1	-727.3	477.1	0.0084	0.0051	0.0022							
10768	-196.4	-306.4	-2301.0	126.0	-660.3	474.9	0.0084	0.0051	0.0022							
10769	-125.3	-288.5	-2315.6	113.0	-591.5	474.9	0.0084	0.0051	0.0057							
10770	-60.1	-272.9	-2332.6	98.9	-519.0	475.8	0.0084	0.0051	0.0057							
10771	-1.8	-259.6	-2347.2	84.3	-441.6	476.5	0.0084	0.0051	0.0057							
10772	49.0	-248.4	-2356.1	69.7	-359.4	476.5	0.0084	0.0051	0.0022							
10773	92.3	-239.3	-2357.3	55.5	-272.9	475.1	0.0084	0.0051	0.0022							
10774	128.5	-232.2	-2349.5	42.1	-183.7	472.1	0.0084	0.0051	0.0022							
10775	158.3	-227.0	-2332.4	29.6	-93.5	467.1	0.0084	0.0051	0.0022							
10776	182.4	-223.6	-2306.2	17.9	61.7	460.3	0.0084	0.0051	0.0022							
10777	-1152.1	-762.2	-3604.7	174.2	-1836.0	507.5	0.0088	0.0151	0.0127				-0.16	-0.70	-4.66	
10778	-924.3	-530.7	-2495.5	169.4	-1175.3	356.1	0.0084	0.0051	0.0022							
10779	-738.5	-433.9	-2260.7	148.2	-943.2	307.1	0.0084	0.0051	0.0022							
10780	-595.4	-365.4	-2140.1	132.0	-814.9	282.7	0.0084	0.0051	0.0022							
10781	-476.2	-314.1	-2086.2	118.8	-732.7	269.8	0.0084	0.0051	0.0022							
10782	-370.5	-273.4	-2068.7	107.1	-672.0	262.9	0.0084	0.0051	0.0022							
10783	-274.0	-240.0	-2073.8	95.9	-621.1	259.6	0.0084	0.0051	0.0022							
10784	-185.6	-212.3	-2091.9	84.9	-572.6	258.5	0.0084	0.0051	0.0022							
10785	-105.6	-189.2	-2115.2	73.8	-521.8	258.6	0.0084	0.0051	0.0057							
10786	-34.8	-170.0	-2137.7	62.9	-465.4	259.2	0.0084	0.0051	0.0057							
10787	26.1	-154.1	-2155.0	52.3	-401.6	259.7	0.0084	0.0051	0.0022							
10788	77.3	-141.4	-2164.3	42.3	-329.5	259.6	0.0084	0.0051	0.0022							
10789	119.6	-131.3	-2164.5	33.1	-249.6	258.5	0.0084	0.0051	0.0022							
10790	154.5	-123.8	-2155.9	24.8	-163.4	256.3	0.0084	0.0051	0.0022							
10791	183.5	-118.5	-2139.1	17.5	-73.3	252.8	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10792	208.2	-115.4	-2115.3	11.1	88.1	247.9	0.0084	0.0051	0.0022							
10793	-1150.7	-780.6	-3663.8	200.7	-1831.2	613.1	0.0091	0.0148	0.0127				-0.16	-0.70	-4.73	
10794	-923.7	-551.5	-2546.2	200.0	-1179.2	429.2	0.0084	0.0051	0.0022							
10795	-739.3	-453.4	-2303.7	175.9	-945.9	367.6	0.0084	0.0051	0.0022							
10796	-596.7	-384.2	-2179.6	157.2	-815.6	337.0	0.0084	0.0051	0.0022							
10797	-478.1	-332.6	-2122.1	141.8	-731.2	320.7	0.0084	0.0051	0.0022							
10798	-373.4	-291.6	-2101.1	128.1	-668.3	312.2	0.0084	0.0051	0.0022							
10799	-278.2	-258.1	-2102.6	115.0	-615.3	308.3	0.0084	0.0051	0.0022							
10800	-191.2	-230.3	-2117.0	102.0	-565.3	307.3	0.0084	0.0051	0.0022							
10801	-112.7	-207.2	-2136.9	89.0	-513.5	307.9	0.0084	0.0051	0.0057							
10802	-43.3	-187.9	-2156.5	76.1	-456.8	309.2	0.0084	0.0051	0.0057							
10803	16.5	-172.0	-2171.5	63.6	-393.3	310.6	0.0084	0.0051	0.0022							
10804	67.0	-159.2	-2179.3	51.7	-322.3	311.3	0.0084	0.0051	0.0022							
10805	108.8	-149.1	-2178.6	40.7	-244.1	310.9	0.0084	0.0051	0.0022							
10806	143.3	-141.5	-2169.6	30.7	-160.0	309.0	0.0084	0.0051	0.0022							
10807	172.0	-136.2	-2152.8	21.8	-72.4	305.5	0.0084	0.0051	0.0022							
10808	196.3	-133.1	-2129.3	13.9	85.9	300.3	0.0084	0.0051	0.0022							
10809	-1147.1	-802.5	-3731.5	225.6	-1821.7	721.7	0.0095	0.0144	0.0127				-0.17	-0.70	-4.81	
10810	-921.7	-577.1	-2605.3	229.6	-1182.5	505.4	0.0084	0.0051	0.0022							
10811	-739.4	-477.8	-2353.2	203.0	-947.7	430.9	0.0084	0.0051	0.0022							
10812	-597.8	-407.8	-2224.5	181.8	-815.1	393.3	0.0084	0.0051	0.0022							
10813	-480.1	-355.7	-2162.7	164.1	-728.1	373.2	0.0084	0.0051	0.0022							
10814	-376.7	-314.5	-2137.3	148.3	-662.6	362.4	0.0084	0.0051	0.0022							
10815	-283.1	-280.9	-2134.3	133.3	-607.4	357.4	0.0084	0.0051	0.0022							
10816	-198.1	-253.2	-2144.2	118.4	-555.6	355.9	0.0084	0.0051	0.0057							
10817	-121.5	-230.0	-2159.9	103.6	-502.6	356.5	0.0084	0.0051	0.0057							
10818	-53.8	-210.8	-2175.8	88.9	-445.5	358.2	0.0084	0.0051	0.0057							
10819	4.6	-194.9	-2188.0	74.5	-382.5	360.0	0.0084	0.0051	0.0057							
10820	54.0	-182.1	-2193.7	60.9	-312.7	361.2	0.0084	0.0051	0.0022							
10821	95.1	-171.9	-2192.0	48.2	-236.6	361.3	0.0084	0.0051	0.0022							
10822	129.1	-164.2	-2182.4	36.6	-155.3	359.7	0.0084	0.0051	0.0022							
10823	157.3	-158.9	-2165.7	26.1	-70.9	356.2	0.0084	0.0051	0.0022							
10824	181.0	-155.6	-2142.5	16.5	83.3	350.7	0.0084	0.0051	0.0022							
10825	-1141.3	-828.1	-3806.5	248.9	-1808.5	833.7	0.0099	0.0140	0.0127				-0.18	-0.70	-4.90	
10826	-918.1	-607.9	-2673.2	257.9	-1184.6	585.4	0.0084	0.0051	0.0022							
10827	-739.1	-507.5	-2409.0	229.6	-948.6	497.3	0.0084	0.0051	0.0022							
10828	-599.0	-436.6	-2274.7	205.7	-813.4	452.2	0.0084	0.0051	0.0022							
10829	-482.6	-383.8	-2207.8	185.6	-723.5	427.6	0.0084	0.0051	0.0022							
10830	-380.7	-342.4	-2177.3	167.6	-655.3	414.2	0.0084	0.0051	0.0022							
10831	-289.2	-308.8	-2168.9	150.7	-597.5	407.4	0.0084	0.0051	0.0022							
10832	-206.4	-281.2	-2173.5	134.0	-543.7	404.9	0.0084	0.0051	0.0022							
10833	-132.1	-258.2	-2184.2	117.4	-489.5	405.0	0.0084	0.0051	0.0057							
10834	-66.5	-239.1	-2195.8	101.0	-431.9	406.4	0.0084	0.0051	0.0057							
10835	-9.8	-223.2	-2204.6	85.0	-369.4	408.2	0.0084	0.0051	0.0057							
10836	38.3	-210.3	-2208.1	69.7	-301.2	409.6	0.0084	0.0051	0.0022							
10837	78.4	-200.1	-2204.9	55.4	-227.5	409.8	0.0084	0.0051	0.0022							
10838	111.7	-192.3	-2194.7	42.2	-149.4	408.4	0.0084	0.0051	0.0022							
10839	139.2	-186.8	-2178.0	30.1	-68.7	404.9	0.0084	0.0051	0.0022							
10840	162.2	-183.4	-2155.2	18.9	80.6	399.2	0.0084	0.0051	0.0022							
10841	1083.3	96.6	-996.4	38.2	738.8	387.0	0.0551	0.0157	0.0244	24.30	85.10	54.79	0.00	-1.17	-2.66	0.0
10842	1193.6	171.1	-1062.6	-244.6	677.2	283.0	0.0554	0.0132	0.0244	25.31	106.34	57.40	0.00	-1.18	-2.73	0.0
10843	863.4	-63.3	-1227.8	-86.7	631.9	407.8	0.0084	0.0051	0.0140							
10844	821.1	-131.1	-1360.0	-214.9	603.6	423.8	0.0084	0.0051	0.0140							
10845	691.5	-210.0	-1447.4	-162.9	588.7	432.9	0.0084	0.0051	0.0140							
10846	612.1	-232.2	-1549.0	-235.2	582.5	454.8	0.0084	0.0051	0.0140							
10847	546.1	-255.3	-1584.5	-197.9	575.4	439.4	0.0084	0.0051	0.0140							
10848	472.8	-263.2	-1660.1	-236.9	588.0	470.9	0.0084	0.0051	0.0140							
10849	440.8	-269.0	-1679.6	-204.8	588.5	445.2	0.0084	0.0051	0.0140							
10850	382.5	-276.3	-1738.2	-227.3	598.8	479.3	0.0084	0.0051	0.0140							
10851	369.9	-273.4	-1758.2	-198.7	597.5	451.3	0.0084	0.0051	0.0140							
10852	323.5	-282.6	-1805.5	-213.7	602.6	486.4	0.0084	0.0051	0.0140							
10853	323.2	-273.8	-1830.8	-187.1	596.9	458.6	0.0084	0.0051	0.0140							
10854	285.6	-284.6	-1870.0	-198.1	597.8	494.1	0.0084	0.0051	0.0022							
10855	292.7	-271.9	-1903.4	-172.5	586.0	467.3	0.0084	0.0051	0.0057							
10856	261.5	-284.2	-1936.6	-181.3	583.5	503.1	0.0084	0.0051	0.0022							
10857	273.0	-268.8	-1977.9	-156.6	564.9	477.5	0.0084	0.0051	0.0057							
10858	246.2	-282.3	-2006.1	-163.9	559.8	513.5	0.0084	0.0051	0.0057							
10859	259.9	-265.3	-2054.0	-140.0	533.5	488.9	0.0084	0.0051	0.0057							
10860	236.5	-279.7	-2077.7	-146.3	526.6	525.1	0.0084	0.0051	0.0057							
10861	250.9	-261.9	-2130.0	-123.3	492.1	501.1	0.0084	0.0051	0.0057							
10862	230.0	-277.1	-2149.6	-128.7	484.1	537.6	0.0084	0.0051	0.0057							
10863	244.0	-258.9	-2204.2	-106.6	440.7	513.9	0.0084	0.0051	0.0022							
10864	225.0	-274.7	-2220.2	-111.2	432.1	550.7	0.0084	0.0051	0.0057							
10865	237.8	-256.6	-2275.1	-89.9	379.3	526.9	0.0084	0.0051	0.0022							
10866	220.2	-273.0	-2287.8	-93.7	370.8	563.9	0.0084	0.0051	0.0022							
10867	231.1	-255.2	-2341.0	-73.3	308.1	539.7	0.0084	0.0051	0.0022							
10868	214.5	-272.0	-2350.7	-76.3	300.4	576.9	0.0084	0.0051	0.0022							
10869	222.4	-254.7	-2400.2	-56.7	227.8	551.9	0.0084	0.0051	0.0022							
10870	206.7	-271.9	-2407.5	-58.8	221.3	589.3	0.0084	0.0051	0.0022							
10871	210.6	-255.4	-2451.0	-40.0	139.3	563.1	0.0084	0.0051	0.0022							
10872	195.6	-272.8	-2456.4	-41.2	134.8	600.6	0.0084	0.0051	0.0022							
10873	699.1	-57.1	-1125.2	43.1	823.5	505.7	0.0550	0.0136	0.0244	19.32	78.31	43.51	0.00	-1.03	-2.64	0.0
10874	937.7	66.3	-1230.0	-172.0	700.9	407.5	0.0553	0.0133	0.0244	20.73	86.36	46.94	0.00	-0.96	-2.70	0.0
10875	561.0	-194.1	-1224.0	-64.9	674.6	519.2	0.0531	0.0051	0.0140							
10876	589.6	-274.7	-1363.3	-204.9	664.5	542.6	0.0531	0.0051	0.0140							
10877	483.2	-296.0	-1347.9	-175.8	619.4	475.2	0.0084	0.0051	0.0140							
10878	443.6	-324.5	-1457.6	-251.2	621.3	499.3	0.0084	0.0051	0.0140							
10879	416.9	-312.6	-1475.4	-215.1	582.1	440.7	0.0084	0.0051	0.0140							
10880	366.0	-329.3	-1557.2	-257.8	584.4	472.9	0.0084	0.0051	0.0140							
10881	363.5	-309.7	-1584.4	-220.7	555.9	422.9	0.0084	0.0051	0.0140							
10882	316.2	-324.1	-1645.3	-247.1	562.0	456.5	0.0084	0.0051	0.0140							
10883	322.5	-301.8	-1674.8	-211.9	542.4	414.7	0.0084	0.0051	0.0140							
10884	281.2	-316.9	-1720.7	-230.2	548.6	448.3	0.0084	0.0051	0.0140							
10885	292.4	-292.9	-1751.5	-197.1	533.8	412.9	0.0084	0.0051	0.0140							
10886	257.0	-308.7	-1787.0	-210.8	537.3	446.0	0.0084	0.0051	0.0140							
10887	271.1	-283.9	-1820.7	-179.4	522.9	415.6	0.0084	0.0051	0.0022							
10888	240.5	-300.5	-1849.4	-190.2	523.1	448.2	0.0084	0.0051	0.0022							
10889	256.0	-275.5	-1887.2	-160.6	506.0	421.7	0.0084	0.0051	0.0057							
10890	229.2	-292.7	-1911.0	-169.6	503.3	454.0	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10891	244.9	-267.8	-1952.7	-141.6	481.3	430.3	0.0084	0.0051	0.0057							
10892	221.1	-285.6	-1972.6	-149.1	476.5	462.4	0.0084	0.0051	0.0057							
10893	236.0	-261.1	-2016.9	-122.7	447.9	440.7	0.0084	0.0051	0.0057							
10894	214.5	-279.3	-2033.5	-129.1	441.6	472.7	0.0084	0.0051	0.0057							
10895	227.8	-255.5	-2078.6	-104.3	405.2	452.2	0.0084	0.0051	0.0022							
10896	208.1	-274.2	-2092.3	-109.6	398.0	484.2	0.0084	0.0051	0.0057							
10897	219.3	-251.2	-2136.7	-86.4	352.9	464.1	0.0084	0.0051	0.0022							
10898	201.1	-270.2	-2148.0	-90.6	345.6	496.1	0.0084	0.0051	0.0022							
10899	209.5	-248.3	-2190.2	-68.8	291.2	476.0	0.0084	0.0051	0.0022							
10900	192.5	-267.6	-2199.4	-72.1	284.4	508.0	0.0084	0.0051	0.0022							
10901	197.6	-246.9	-2238.0	-51.7	220.8	487.2	0.0084	0.0051	0.0022							
10902	181.6	-266.5	-2245.5	-54.0	215.2	519.3	0.0084	0.0051	0.0022							
10903	182.8	-247.1	-2279.2	-34.8	142.9	497.4	0.0084	0.0051	0.0022							
10904	167.6	-266.8	-2285.4	-36.2	138.9	529.5	0.0084	0.0051	0.0022							
10905	460.3	-360.5	-1160.0	-188.9	855.6	606.4	0.0550	0.0137	0.0244	15.15	61.00	34.08	0.00	-0.92	-2.64	0.0
10906	607.8	-320.7	-1390.6	-336.9	818.9	650.8	0.0552	0.0134	0.0244	16.47	68.08	37.23	0.00	-0.92	-2.91	0.0
10907	357.5	-365.2	-1207.4	-188.9	662.5	555.5	0.0531	0.0051	0.0140							
10908	364.9	-445.8	-1315.1	-310.4	678.8	587.3	0.0531	0.0051	0.0140							
10909	302.5	-367.0	-1275.1	-229.7	580.3	448.5	0.0084	0.0051	0.0140							
10910	275.1	-399.9	-1364.8	-295.3	588.5	466.8	0.0084	0.0051	0.0140							
10911	278.4	-340.1	-1382.1	-236.7	533.4	388.0	0.0084	0.0051	0.0140							
10912	243.7	-364.6	-1455.2	-276.9	537.1	413.2	0.0084	0.0051	0.0140							
10913	264.6	-315.7	-1492.5	-228.8	508.7	360.1	0.0084	0.0051	0.0140							
10914	230.3	-336.3	-1548.7	-255.4	508.0	386.6	0.0084	0.0051	0.0140							
10915	253.9	-294.9	-1591.7	-213.7	491.3	347.6	0.0084	0.0051	0.0140							
10916	221.5	-314.5	-1634.1	-233.1	489.3	374.3	0.0084	0.0051	0.0140							
10917	244.9	-277.2	-1676.6	-195.3	477.0	343.7	0.0084	0.0051	0.0140							
10918	215.5	-296.3	-1708.2	-210.1	475.3	370.0	0.0084	0.0051	0.0140							
10919	237.8	-261.9	-1749.2	-175.3	464.4	345.3	0.0084	0.0051	0.0022							
10920	211.3	-281.0	-1773.5	-187.1	462.4	371.3	0.0084	0.0051	0.0022							
10921	232.0	-248.9	-1813.8	-154.8	450.9	351.0	0.0084	0.0051	0.0057							
10922	207.9	-268.0	-1833.3	-164.5	447.6	376.8	0.0084	0.0051	0.0057							
10923	226.6	-237.6	-1873.2	-134.5	433.1	359.7	0.0084	0.0051	0.0057							
10924	204.6	-256.9	-1889.3	-142.6	428.3	385.2	0.0084	0.0051	0.0057							
10925	220.6	-228.2	-1928.4	-114.8	408.4	370.4	0.0084	0.0051	0.0057							
10926	200.4	-247.5	-1941.9	-121.6	402.3	395.8	0.0084	0.0051	0.0057							
10927	213.2	-220.4	-1979.3	-96.0	375.3	382.4	0.0084	0.0051	0.0022							
10928	194.7	-239.9	-1990.9	-101.6	368.4	407.7	0.0084	0.0051	0.0057							
10929	204.2	-214.3	-2025.8	-78.0	332.8	394.8	0.0084	0.0051	0.0022							
10930	187.1	-234.0	-2035.8	-82.6	325.7	420.1	0.0084	0.0051	0.0022							
10931	193.1	-210.1	-2067.6	-61.0	280.9	407.0	0.0084	0.0051	0.0022							
10932	177.2	-229.8	-2076.5	-64.5	274.3	432.2	0.0084	0.0051	0.0022							
10933	179.8	-207.6	-2104.9	-44.7	220.2	418.2	0.0084	0.0051	0.0022							
10934	165.0	-227.5	-2112.8	-47.2	214.8	443.3	0.0084	0.0051	0.0022							
10935	164.1	-207.1	-2137.4	-29.0	152.0	427.9	0.0084	0.0051	0.0022							
10936	150.1	-227.1	-2144.7	-30.5	148.3	453.1	0.0084	0.0051	0.0022							
10937	194.3	-257.3	-2492.2	-23.1	44.5	572.9	0.0084	0.0051	0.0022							
10938	179.8	-274.9	-2496.3	-23.5	42.3	610.4	0.0084	0.0051	0.0022							
10939	172.5	-260.4	-2522.5	28.8	-117.2	580.9	0.0084	0.0051	0.0022							
10940	158.7	-278.0	-2526.1	30.5	-115.7	618.6	0.0084	0.0051	0.0022							
10941	144.5	-264.8	-2541.7	41.9	-214.3	587.0	0.0084	0.0051	0.0022							
10942	131.5	-282.3	-2545.6	44.3	-210.1	624.6	0.0084	0.0051	0.0022							
10943	109.8	-270.3	-2549.8	55.7	-311.6	590.8	0.0084	0.0051	0.0022							
10944	98.0	-287.6	-2555.0	58.5	-304.9	628.5	0.0084	0.0051	0.0022							
10945	68.5	-276.9	-2547.8	69.7	-407.2	592.5	0.0084	0.0051	0.0057							
10946	58.0	-293.8	-2555.2	73.0	-398.3	630.2	0.0084	0.0051	0.0057							
10947	20.4	-284.6	-2537.0	83.7	-499.7	592.1	0.0084	0.0051	0.0057							
10948	11.7	-300.9	-2547.7	87.2	-488.8	629.9	0.0084	0.0051	0.0057							
10949	-33.6	-293.1	-2520.1	96.9	-587.5	589.9	0.0084	0.0051	0.0057							
10950	-40.4	-308.7	-2534.9	100.5	-575.1	627.8	0.0084	0.0051	0.0057							
10951	-92.6	-302.3	-2500.6	108.5	-669.5	586.2	0.0084	0.0051	0.0057							
10952	-96.9	-316.8	-2520.4	112.2	-656.2	624.3	0.0084	0.0051	0.0057							
10953	-154.3	-311.8	-2483.4	117.5	-745.0	581.7	0.0084	0.0051	0.0022							
10954	-156.0	-325.0	-2508.8	121.0	-731.4	620.0	0.0084	0.0051	0.0022							
10955	-215.7	-321.2	-2475.0	122.6	-813.6	576.9	0.0084	0.0051	0.0022							
10956	-214.7	-332.6	-2506.2	125.7	-800.1	615.4	0.0084	0.0051	0.0022							
10957	-272.5	-329.9	-2483.4	122.1	-875.6	572.4	0.0084	0.0051	0.0022							
10958	-269.0	-339.0	-2520.2	124.6	-862.3	610.9	0.0084	0.0051	0.0022							
10959	-318.7	-336.5	-2518.0	113.9	-930.7	568.5	0.0084	0.0051	0.0022							
10960	-313.1	-343.1	-2559.4	115.5	-918.0	606.6	0.0084	0.0051	0.0022							
10961	-345.7	-339.0	-2589.4	95.0	-976.0	563.4	0.0084	0.0051	0.0022							
10962	-338.5	-342.5	-2633.8	95.4	-963.5	600.8	0.0084	0.0051	0.0022							
10963	-341.2	-333.6	-2707.3	61.7	-1000.4	551.1	0.0084	0.0051	0.0022							
10964	-333.5	-333.0	-2751.6	60.4	-986.9	586.4	0.0084	0.0051	0.0022							
10965	-289.0	-313.2	-2850.9	-31.3	-966.8	513.9	0.0084	0.0051	0.0022							
10966	-283.7	-307.8	-2889.8	-32.4	-952.5	545.0	0.0084	0.0051	0.0022							
10967	-248.4	-297.5	-2983.9	-67.5	-878.1	454.2	0.0104	0.0135	0.0127	10.80	8.35	8.87	0.00	-0.46	-3.41	0.0
10968	-250.3	-291.1	-3015.6	-68.3	-868.0	479.5	0.0107	0.0132	0.0127	10.53	8.57	8.89	0.00	-0.45	-3.44	0.0
10969	164.1	-248.9	-2313.1	19.6	59.1	506.1	0.0084	0.0051	0.0022							
10970	149.5	-268.8	-2318.5	20.8	57.3	538.2	0.0084	0.0051	0.0022							
10971	140.7	-252.5	-2339.0	32.5	-91.8	513.1	0.0084	0.0051	0.0022							
10972	126.8	-272.4	-2344.0	34.4	-90.2	545.3	0.0084	0.0051	0.0022							
10973	111.8	-257.7	-2356.4	46.3	-178.8	518.2	0.0084	0.0051	0.0022							
10974	98.6	-277.6	-2361.8	48.9	-174.8	550.5	0.0084	0.0051	0.0022							
10975	76.7	-264.8	-2365.3	60.7	-265.2	521.3	0.0084	0.0051	0.0022							
10976	64.4	-284.6	-2371.7	64.1	-259.0	553.9	0.0084	0.0051	0.0022							
10977	34.7	-273.7	-2366.4	75.9	-349.3	522.9	0.0084	0.0051	0.0057							
10978	23.5	-293.4	-2374.5	79.8	-341.3	555.8	0.0084	0.0051	0.0057							
10979	-14.4	-284.5	-2360.6	91.4	-429.9	523.2	0.0084	0.0051	0.0057							
10980	-24.3	-304.0	-2371.3	95.9	-420.5	556.5	0.0084	0.0051	0.0057							
10981	-70.6	-297.3	-2350.3	106.8	-506.3	522.8	0.0084	0.0051	0.0057							
10982	-78.8	-316.4	-2364.2	111.8	-496.3	556.6	0.0084	0.0051	0.0057							
10983	-133.4	-312.2	-2338.4	121.6	-578.8	522.5	0.0084	0.0051	0.0057							
10984	-139.7	-330.8	-2356.3	127.1	-568.6	557.0	0.0084	0.0051	0.0057							
10985	-201.7	-329.3	-2329.5	135.2	-648.2	523.3	0.0084	0.0051	0.0022							
10986	-205.9	-347.1	-2351.9	141.0	-638.5	558.8	0.0084	0.0051	0.0022							
10987	-274.1	-348.7	-2329.6	146.8	-716.6	526.7	0.0084	0.0051	0.0022							
10988	-276.0	-365.5	-2356.7	152.7	-707.8	563.4	0.0084	0.0051	0.0022							
10989	-348.1	-370.6	-2346.3	155.3	-787.1	534.3	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10990	-348.0	-386.3	-2378.4	161.3	-779.3	572.4	0.0084	0.0051	0.0022							
10991	-420.7	-395.1	-2390.5	159.4	-864.3	548.3	0.0084	0.0051	0.0022							
10992	-418.5	-409.1	-2427.3	165.2	-857.8	588.0	0.0084	0.0051	0.0022							
10993	-485.9	-421.4	-2479.3	155.9	-954.3	571.0	0.0084	0.0051	0.0022							
10994	-481.8	-433.3	-2520.2	161.0	-948.4	612.7	0.0084	0.0051	0.0022							
10995	-529.7	-447.0	-2641.8	137.8	-1060.5	603.2	0.0084	0.0051	0.0022							
10996	-523.9	-455.6	-2686.5	141.3	-1053.8	646.6	0.0084	0.0051	0.0022							
10997	-516.1	-464.4	-2949.6	85.2	-1168.4	633.9	0.0084	0.0051	0.0022							
10998	-508.4	-467.5	-2995.4	85.2	-1156.7	678.7	0.0084	0.0051	0.0022							
10999	-270.2	-395.0	-3269.9	-105.7	-1020.4	547.2	0.0104	0.0136	0.0127	17.27	13.17	14.07	0.00	-0.63	-3.84	0.0
11000	-265.7	-382.7	-3303.1	-114.0	-1001.0	574.3	0.0107	0.0133	0.0127	17.43	13.97	14.60	0.00	-0.64	-3.87	0.0
11001	145.4	-208.7	-2165.0	20.6	78.4	435.9	0.0084	0.0051	0.0022							
11002	131.9	-228.9	-2171.9	21.7	76.7	461.2	0.0084	0.0051	0.0022							
11003	123.0	-212.4	-2187.4	33.1	-66.6	441.7	0.0084	0.0051	0.0022							
11004	110.1	-232.8	-2194.3	35.0	-64.8	467.3	0.0084	0.0051	0.0022							
11005	96.1	-218.0	-2204.2	46.4	-144.2	445.3	0.0084	0.0051	0.0022							
11006	83.6	-238.6	-2211.1	49.2	-140.0	471.1	0.0084	0.0051	0.0022							
11007	63.5	-225.9	-2214.9	60.8	-219.6	446.8	0.0084	0.0051	0.0022							
11008	51.6	-246.6	-2222.3	64.4	-213.3	472.8	0.0084	0.0051	0.0022							
11009	24.2	-236.2	-2219.3	76.3	-291.2	446.7	0.0084	0.0051	0.0057							
11010	13.0	-257.0	-2227.7	80.7	-283.4	473.0	0.0084	0.0051	0.0057							
11011	-22.7	-249.2	-2217.9	92.7	-358.2	445.6	0.0084	0.0051	0.0057							
11012	-32.9	-270.0	-2227.9	97.9	-349.3	472.1	0.0084	0.0051	0.0057							
11013	-77.9	-265.0	-2212.1	109.9	-420.2	444.1	0.0084	0.0051	0.0057							
11014	-86.9	-285.8	-2224.3	115.9	-411.0	471.2	0.0084	0.0051	0.0057							
11015	-141.6	-284.1	-2204.1	127.5	-478.0	443.2	0.0084	0.0051	0.0057							
11016	-149.1	-304.8	-2219.1	134.3	-469.0	470.9	0.0084	0.0051	0.0057							
11017	-213.9	-307.0	-2197.6	145.4	-533.3	444.0	0.0084	0.0051	0.0022							
11018	-219.8	-327.7	-2215.9	153.0	-525.1	472.6	0.0084	0.0051	0.0022							
11019	-294.7	-334.5	-2197.7	163.5	-588.8	447.8	0.0084	0.0051	0.0022							
11020	-298.9	-355.0	-2219.4	171.9	-581.7	477.6	0.0084	0.0051	0.0022							
11021	-384.4	-368.1	-2210.7	181.9	-648.4	456.4	0.0084	0.0051	0.0022							
11022	-387.4	-388.8	-2236.1	191.6	-642.7	487.7	0.0084	0.0051	0.0022							
11023	-484.9	-409.8	-2245.6	201.5	-718.8	472.3	0.0084	0.0051	0.0022							
11024	-486.5	-430.5	-2274.6	212.2	-714.5	505.8	0.0084	0.0051	0.0022							
11025	-600.4	-463.2	-2317.0	223.8	-811.0	500.7	0.0084	0.0051	0.0022							
11026	-601.1	-484.2	-2349.3	235.8	-808.1	536.9	0.0084	0.0051	0.0022							
11027	-739.4	-535.4	-2456.3	250.2	-948.4	552.3	0.0084	0.0051	0.0022							
11028	-739.9	-557.0	-2492.6	264.0	-947.1	593.3	0.0084	0.0051	0.0022							
11029	-915.1	-637.3	-2732.4	280.0	-1185.5	652.3	0.0084	0.0051	0.0022							
11030	-913.6	-660.1	-2776.8	296.1	-1184.4	702.0	0.0084	0.0051	0.0022							
11031	-1135.4	-852.8	-3872.5	265.9	-1795.4	923.1	0.0103	0.0137	0.0127				-0.18	-0.70	-4.98	
11032	-1130.0	-870.9	-3930.7	278.4	-1784.5	992.5	0.0106	0.0134	0.0127				-0.19	-0.70	-5.05	
11033	270.4	-290.2	-1856.6	-228.2	609.0	528.6	0.0084	0.0051	0.0140							
11034	316.3	-279.0	-1800.8	-244.7	609.5	518.6	0.0084	0.0051	0.0140							
11035	384.8	-260.9	-1737.4	-262.1	602.9	506.1	0.0084	0.0051	0.0140							
11036	202.4	-292.1	-1922.0	-237.2	618.0	580.4	0.0084	0.0051	0.0140							
11037	236.7	-273.2	-1875.9	-251.5	620.3	564.2	0.0084	0.0051	0.0140							
11038	283.0	-246.1	-1822.5	-269.2	616.6	544.1	0.0084	0.0051	0.0140							
11039	126.4	-281.5	-2014.2	-225.3	624.8	632.0	0.0084	0.0051	0.0140							
11040	151.1	-258.9	-1970.9	-235.9	626.7	608.8	0.0084	0.0051	0.0140							
11041	185.2	-225.2	-1919.2	-246.1	623.3	582.0	0.0128	0.0112	0.0244	29.15	33.29	15.22	0.00	-0.42	-2.65	0.0
11042	162.8	-306.7	-2472.1	-43.0	128.0	671.5	0.0084	0.0051	0.0022							
11043	173.5	-304.8	-2423.7	-63.0	214.9	658.5	0.0084	0.0051	0.0022							
11044	180.6	-303.5	-2368.0	-82.6	294.4	643.9	0.0084	0.0051	0.0022							
11045	185.3	-302.9	-2306.7	-101.9	365.4	628.3	0.0084	0.0051	0.0022							
11046	188.8	-302.7	-2241.4	-120.9	427.4	612.3	0.0084	0.0051	0.0057							
11047	192.3	-302.8	-2173.8	-139.6	480.2	596.3	0.0084	0.0051	0.0057							
11048	197.1	-302.7	-2105.6	-158.1	523.8	580.7	0.0084	0.0051	0.0057							
11049	204.9	-302.1	-2038.6	-176.4	558.4	565.9	0.0084	0.0051	0.0057							
11050	217.7	-300.3	-1974.3	-194.2	584.0	552.2	0.0084	0.0051	0.0022							
11051	238.7	-296.5	-1913.3	-211.5	600.9	539.7	0.0084	0.0051	0.0022							
11052	108.8	-360.0	-2506.2	-43.7	119.9	776.5	0.0084	0.0051	0.0057							
11053	119.2	-356.2	-2457.2	-67.0	209.3	760.7	0.0084	0.0051	0.0057							
11054	125.5	-352.3	-2401.7	-89.4	291.0	742.6	0.0084	0.0051	0.0057							
11055	129.1	-348.4	-2341.5	-111.0	364.0	722.8	0.0084	0.0051	0.0057							
11056	131.3	-344.1	-2278.2	-131.7	427.7	702.0	0.0084	0.0051	0.0057							
11057	133.4	-339.4	-2213.7	-151.4	482.1	680.7	0.0084	0.0051	0.0057							
11058	136.9	-333.8	-2149.7	-170.2	527.3	659.5	0.0084	0.0051	0.0057							
11059	143.4	-326.9	-2087.6	-188.0	563.3	638.6	0.0084	0.0051	0.0022							
11060	155.1	-317.9	-2028.4	-205.1	590.4	618.3	0.0084	0.0051	0.0022							
11061	174.9	-306.1	-1971.9	-221.7	608.8	598.2	0.0084	0.0051	0.0140							
11062	45.6	-409.5	-2573.6	-41.6	111.4	888.9	0.0158	0.0051	0.0057							
11063	55.6	-403.8	-2524.4	-66.6	202.1	870.9	0.0158	0.0051	0.0057							
11064	61.5	-396.9	-2470.0	-90.5	285.5	849.5	0.0158	0.0051	0.0057							
11065	64.5	-388.7	-2411.8	-112.9	360.3	825.6	0.0158	0.0051	0.0057							
11066	66.1	-379.4	-2351.6	-133.6	426.0	799.8	0.0158	0.0051	0.0057							
11067	67.6	-368.6	-2291.0	-152.5	482.4	772.9	0.0158	0.0051	0.0057							
11068	70.5	-356.1	-2231.3	-169.5	529.3	745.2	0.0158	0.0051	0.0022							
11069	76.4	-341.6	-2173.5	-184.9	567.1	717.0	0.0158	0.0051	0.0022							
11070	86.8	-324.2	-2117.8	-198.9	595.6	688.3	0.0158	0.0051	0.0022							
11071	103.8	-303.0	-2062.8	-212.6	615.1	658.6	0.0158	0.0051	0.0022							
11072	-26.4	-438.0	-2707.3	-36.4	102.8	1014.4	0.0158	0.0051	0.0022							
11073	-16.5	-430.7	-2657.6	-60.5	193.7	994.2	0.0158	0.0051	0.0022							
11074	-10.1	-420.6	-2604.0	-83.0	277.9	969.1	0.0158	0.0051	0.0022							
11075	-6.2	-408.0	-2547.6	-103.5	354.1	940.0	0.0158	0.0051	0.0022							
11076	-3.3	-393.0	-2489.6	-121.7	421.4	907.6	0.0158	0.0051	0.0022							
11077	-0.2	-375.8	-2431.0	-137.4	479.2	872.5	0.0158	0.0051	0.0022							
11078	4.5	-356.4	-2372.7	-150.5	527.2	835.4	0.0158	0.0051	0.0022							
11079	12.0	-334.5	-2314.7	-161.2	565.4	796.4	0.0158	0.0051	0.0022							
11080	23.3	-309.7	-2256.2	-170.0	593.6	755.6	0.0158	0.0051	0.0022							
11081	39.4	-280.4	-2194.5	-177.8	611.7	712.7	0.0158	0.0051	0.0022							
11082	-95.9	-390.0	-2932.9	-27.4	93.6	1107.5	0.0158	0.0051	0.0022							
11083	-85.4	-382.7	-2881.6	-44.6	180.2	1085.4	0.0158	0.0051	0.0022							
11084	-77.0	-371.6	-2826.2	-60.6	261.6	1056.0	0.0158	0.0051	0.0022							
11085	-69.7	-357.3	-2767.3	-74.8	335.8	1020.2	0.0158	0.0051	0.0022							
11086	-62.6	-340.4	-2705.5	-86.8	401.4	979.2	0.0158	0.0051	0.0022							
11087	-54.7	-321.3	-2641.2	-96.6	457.4	933.9	0.0158	0.0051	0.0022							
11088	-45.4	-300.5	-2574.5	-104.3	503.3	885.4	0.0158	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11089	-33.9	-278.1	-2504.9	-110.2	538.7	834.3	0.0158	0.0051	0.0022							
11090	-19.8	-254.0	-2430.8	-114.9	563.7	781.5	0.0158	0.0051	0.0022							
11091	-3.3	-227.4	-2349.3	-119.1	578.4	727.5	0.0158	0.0051	0.0022							
11092	-152.2	-283.3	-3201.1	-17.2	83.2	1061.6	0.0262	0.0051	0.0127	2.38	12.31	4.92	0.00	-0.21	-3.61	0.0
11093	-141.4	-277.7	-3147.7	-24.5	154.5	1040.4	0.0261	0.0052	0.0127	2.40	12.12	4.94	0.00	-0.20	-3.56	0.0
11094	-131.0	-269.8	-3087.8	-31.8	223.9	1011.2	0.0259	0.0054	0.0127	2.45	11.84	5.01	0.00	-0.19	-3.49	0.0
11095	-120.7	-260.2	-3021.7	-38.6	288.8	975.6	0.0256	0.0057	0.0127	2.56	11.56	5.16	0.00	-0.18	-3.42	0.0
11096	-110.2	-249.3	-2949.8	-44.9	347.0	934.8	0.0253	0.0060	0.0127	2.71	11.32	5.39	0.00	-0.17	-3.35	0.0
11097	-99.2	-237.7	-2872.2	-50.6	397.4	890.3	0.0248	0.0065	0.0127	2.92	11.14	5.70	0.00	-0.16	-3.27	0.0
11098	-87.6	-225.5	-2789.2	-55.8	439.3	843.3	0.0243	0.0070	0.0127	3.19	11.03	6.10	0.00	-0.15	-3.18	0.0
11099	-75.4	-213.0	-2700.2	-61.0	472.8	795.2	0.0237	0.0076	0.0127	3.53	11.00	6.59	0.00	-0.15	-3.09	0.0
11100	-62.5	-199.9	-2604.1	-66.3	498.3	747.2	0.0231	0.0082	0.0127	3.95	11.06	7.17	0.00	-0.14	-3.00	0.0
11101	-48.9	-185.8	-2498.6	-72.1	516.5	700.2	0.0224	0.0089	0.0127	4.46	11.24	7.87	0.00	-0.14	-2.89	0.0
11102	689.4	181.1	-1348.3	-489.9	602.1	382.4	0.0559	0.0150	0.0244	18.55	69.18	42.41	0.00	-0.90	-2.69	0.0
11103	84.2	-8.8	-1707.4	-203.0	578.0	482.3	0.0118	0.0121	0.0244	23.41	22.72	11.29	0.00	-0.17	-2.29	0.0
11104	28.6	-89.1	-1919.6	-127.4	562.2	533.8	0.0124	0.0115	0.0244	14.57	15.70	7.40	0.00	-0.13	-2.39	0.0
11105	583.4	-146.5	-1539.9	-328.6	587.8	440.6	0.0084	0.0051	0.0140							
11106	288.6	-99.5	-1739.9	-289.9	589.4	493.0	0.0084	0.0051	0.0140							
11107	109.0	-117.6	-1915.5	-194.6	587.4	544.8	0.0084	0.0051	0.0140							
11108	475.7	-224.3	-1660.2	-284.5	594.9	485.3	0.0084	0.0051	0.0140							
11109	317.6	-198.1	-1779.4	-284.7	609.1	523.1	0.0084	0.0051	0.0140							
11110	179.1	-178.1	-1900.8	-244.2	613.4	561.9	0.0125	0.0114	0.0244	29.21	32.11	14.98	0.00	-0.39	-2.61	0.0
11111	-36.0	-169.9	-2381.9	-79.4	529.2	656.6	0.0217	0.0096	0.0127	5.06	11.51	8.66	0.00	-0.14	-2.78	0.0
11112	14.3	-200.2	-2261.0	-124.7	584.8	678.2	0.0158	0.0051	0.0022							
11113	57.8	-250.8	-2133.8	-184.7	619.6	674.2	0.0158	0.0051	0.0022							
11114	-22.7	-152.4	-2250.8	-88.9	539.7	615.4	0.0211	0.0102	0.0127	5.81	12.00	9.65	0.00	-0.14	-2.66	0.0
11115	33.7	-175.1	-2164.6	-134.7	586.2	633.3	0.0158	0.0051	0.0022							
11116	81.1	-223.1	-2072.4	-192.8	620.4	639.0	0.0158	0.0051	0.0022							
11117	-8.6	-129.5	-2099.3	-102.6	549.0	575.2	0.0204	0.0109	0.0127	6.77	12.73	10.89	0.00	-0.13	-2.52	0.0
11118	57.1	-144.4	-2051.9	-151.5	583.9	587.9	0.0158	0.0051	0.0022							
11119	109.2	-195.3	-2000.9	-207.7	616.1	600.5	0.0130	0.0110	0.0244	21.75	25.72	11.54	0.00	-0.30	-2.64	0.0
11120	227.8	-336.2	-1770.3	-251.9	562.5	495.1	0.0084	0.0051	0.0140							
11121	254.6	-339.0	-1711.4	-272.4	579.0	502.5	0.0084	0.0051	0.0140							
11122	293.3	-338.7	-1645.6	-291.2	601.0	515.8	0.0084	0.0051	0.0140							
11123	152.5	-360.6	-1836.7	-272.9	588.7	564.0	0.0084	0.0051	0.0140							
11124	172.2	-354.4	-1794.1	-291.0	608.2	567.7	0.0084	0.0051	0.0140							
11125	198.4	-343.2	-1748.1	-309.4	629.9	574.3	0.0084	0.0051	0.0140							
11126	65.9	-380.7	-1938.5	-275.7	622.5	648.0	0.0084	0.0051	0.0140							
11127	81.1	-366.9	-1905.7	-288.5	641.5	644.2	0.0084	0.0051	0.0140							
11128	103.3	-344.1	-1869.2	-298.2	660.3	641.8	0.0127	0.0113	0.0244	25.67	28.82	13.30	0.00	-0.44	-2.64	0.0
11129	133.2	-308.4	-2302.5	-38.5	132.8	593.2	0.0084	0.0051	0.0022							
11130	146.7	-307.1	-2262.4	-59.1	209.3	581.5	0.0084	0.0051	0.0022							
11131	156.7	-307.1	-2216.6	-79.8	278.9	568.4	0.0084	0.0051	0.0022							
11132	164.1	-308.3	-2166.1	-100.7	340.7	554.6	0.0084	0.0051	0.0022							
11133	169.6	-310.6	-2111.9	-121.7	394.1	540.6	0.0084	0.0051	0.0057							
11134	174.2	-313.8	-2055.2	-143.0	439.1	527.2	0.0084	0.0051	0.0057							
11135	179.0	-317.9	-1997.3	-164.7	476.0	515.2	0.0084	0.0051	0.0057							
11136	185.1	-322.4	-1939.6	-186.6	505.4	505.1	0.0084	0.0051	0.0057							
11137	194.1	-327.3	-1882.9	-208.6	528.6	497.8	0.0084	0.0051	0.0022							
11138	208.0	-331.9	-1826.5	-230.6	546.9	494.1	0.0084	0.0051	0.0140							
11139	75.1	-380.5	-2335.7	-40.6	125.3	691.6	0.0158	0.0051	0.0057							
11140	88.0	-377.1	-2294.6	-65.4	204.2	677.6	0.0158	0.0051	0.0057							
11141	96.9	-374.6	-2248.4	-90.0	276.1	661.8	0.0084	0.0051	0.0057							
11142	102.6	-372.7	-2198.3	-114.2	340.2	645.1	0.0084	0.0051	0.0057							
11143	106.3	-371.4	-2145.4	-138.1	396.1	628.1	0.0084	0.0051	0.0057							
11144	108.9	-370.4	-2091.2	-161.6	444.0	611.7	0.0084	0.0051	0.0057							
11145	111.7	-369.5	-2037.0	-184.8	484.2	596.6	0.0084	0.0051	0.0022							
11146	115.9	-368.4	-1984.1	-207.7	517.6	583.5	0.0084	0.0051	0.0022							
11147	123.3	-366.8	-1932.9	-230.3	545.3	573.2	0.0084	0.0051	0.0022							
11148	135.8	-364.0	-1882.6	-252.5	568.8	566.1	0.0084	0.0051	0.0140							
11149	3.7	-463.9	-2399.5	-40.5	117.2	808.8	0.0158	0.0051	0.0057							
11150	16.0	-458.2	-2357.8	-68.9	198.4	792.8	0.0158	0.0051	0.0057							
11151	23.9	-452.4	-2312.1	-96.6	273.1	774.8	0.0158	0.0051	0.0057							
11152	28.3	-446.4	-2263.6	-123.3	340.4	755.6	0.0158	0.0051	0.0057							
11153	30.5	-440.0	-2213.5	-148.9	400.1	735.9	0.0158	0.0051	0.0057							
11154	31.6	-433.2	-2163.1	-173.4	452.3	716.7	0.0158	0.0051	0.0022							
11155	32.9	-425.6	-2113.7	-196.5	497.5	698.6	0.0158	0.0051	0.0022							
11156	35.8	-416.9	-2066.3	-218.4	536.4	682.3	0.0158	0.0051	0.0022							
11157	41.5	-406.5	-2021.2	-239.0	570.0	668.2	0.0158	0.0051	0.0022							
11158	51.6	-393.6	-1977.1	-258.8	599.3	656.2	0.0158	0.0051	0.0022							
11159	-82.0	-552.1	-2516.4	-38.4	109.0	963.4	0.0158	0.0051	0.0022							
11160	-70.0	-543.9	-2474.3	-68.8	193.2	945.4	0.0158	0.0051	0.0022							
11161	-62.4	-534.1	-2430.1	-98.0	271.7	925.1	0.0158	0.0051	0.0022							
11162	-58.2	-522.8	-2384.6	-125.6	343.7	903.1	0.0158	0.0051	0.0022							
11163	-56.0	-509.9	-2338.9	-151.1	408.8	880.3	0.0158	0.0051	0.0022							
11164	-54.7	-495.4	-2294.0	-174.4	466.9	857.2	0.0158	0.0051	0.0022							
11165	-52.9	-479.2	-2250.9	-195.1	518.5	834.5	0.0158	0.0051	0.0022							
11166	-49.3	-460.8	-2210.2	-213.2	563.8	812.5	0.0158	0.0051	0.0022							
11167	-42.6	-439.6	-2171.5	-228.4	603.4	791.2	0.0158	0.0051	0.0022							
11168	-32.0	-414.4	-2132.7	-241.2	637.6	770.3	0.0158	0.0051	0.0022							
11169	-195.8	-622.3	-2815.9	-33.8	103.0	1217.0	0.0158	0.0051	0.0022							
11170	-183.5	-611.8	-2772.1	-62.0	192.7	1195.4	0.0158	0.0051	0.0022							
11171	-174.3	-597.3	-2728.0	-88.5	278.0	1169.4	0.0158	0.0051	0.0022							
11172	-167.3	-579.1	-2683.7	-112.7	357.5	1139.4	0.0158	0.0051	0.0022							
11173	-161.2	-557.5	-2639.6	-134.1	430.2	1106.0	0.0158	0.0051	0.0022							
11174	-154.7	-532.9	-2596.2	-152.0	495.5	1069.7	0.0158	0.0051	0.0022							
11175	-146.7	-505.3	-2553.4	-166.3	552.9	1031.1	0.0158	0.0051	0.0022							
11176	-135.7	-474.9	-2510.6	-176.8	602.0	990.3	0.0158	0.0051	0.0022							
11177	-120.7	-441.3	-2466.0	-183.3	642.5	947.2	0.0158	0.0051	0.0022							
11178	-101.3	-403.7	-2416.1	-186.0	674.0	901.8	0.0158	0.0051	0.0022							
11179	-273.7	-374.5	-3328.5	-17.6	94.0	1263.2	0.0262	0.0051	0.0127	3.53	18.26	7.29	0.00	-0.36	-3.89	0.0
11180	-258.4	-367.6	-3279.3	-22.8	172.0	1239.7	0.0261	0.0052	0.0127	3.56	17.95	7.31	0.00	-0.35	-3.84	0.0
11181	-242.3	-356.4	-3226.4	-27.9	249.0	1207.5	0.0259	0.0054	0.0127	3.66	17.64	7.47	0.00	-0.33	-3.78	0.0
11182	-224.9	-342.4	-3169.7	-32.2	322.1	1167.9	0.0256	0.0057	0.0127	3.85	17.35	7.76	0.00	-0.32	-3.72	0.0
11183	-205.7	-325.9	-3109.0	-35.5	388.4	1122.0	0.0252	0.0061	0.0127	4.12	17.15	8.19	0.00	-0.30	-3.65	0.0
11184	-184.3	-307.5	-3044.0	-37.7	446.1	1071.0	0.0248	0.0065	0.0127	4.50	17.06	8.77	0.00	-0.29	-3.58	0.0
11185	-160.4	-287.7	-2974.0	-39.0	494.2	1016.0	0.0242	0.0071	0.0127	4.99	17.10	9.52	0.00	-0.28	-3.51	0.0
11186	-134.1	-266.4	-2897.5	-39.5	532.2	958.3	0.0237	0.0077	0.0127	5.60	17.29	10.43	0.00	-0.27	-3.43	0.0
11187	-105.6	-243.9	-2812.4	50.5	559.8	899.2	0.0230	0.0083	0.0127	9.83	27.27	17.81	0.00	-0.43	-3.41	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11188	-74.2	-218.6	-2714.6	67.4	575.8	839.1	0.0223	0.0090	0.0127	11.54	28.77	20.30	0.00	-0.46	-3.32	0.0
11189	564.1	53.1	-1520.9	-403.3	605.7	549.6	0.0558	0.0128	0.0244	14.82	64.36	33.82	0.00	-0.66	-2.72	0.0
11190	72.3	-78.5	-1873.1	-154.3	593.2	618.6	0.0564	0.0122	0.0244	4.28	19.72	9.88	0.00	-0.13	-2.47	0.0
11191	40.3	-123.3	-2105.0	118.4	586.4	653.4	0.0197	0.0116	0.0127	19.92	33.79	30.87	0.00	-0.56	-2.81	0.0
11192	415.2	-282.7	-1567.4	-332.1	674.0	569.0	0.0084	0.0051	0.0140							
11193	177.5	-243.7	-1806.6	-312.5	695.1	638.7	0.0084	0.0051	0.0140							
11194	29.0	-256.6	-2025.5	-229.5	706.2	706.2	0.0084	0.0051	0.0140							
11195	341.7	-328.3	-1587.5	-309.3	637.2	539.9	0.0084	0.0051	0.0140							
11196	211.0	-318.4	-1738.2	-323.0	664.1	598.9	0.0084	0.0051	0.0140							
11197	89.3	-312.8	-1897.1	-293.7	687.1	664.8	0.0124	0.0115	0.0244	25.74	27.82	13.09	0.00	-0.39	-2.69	0.0
11198	-43.8	-192.5	-2599.6	84.3	582.4	782.9	0.0217	0.0096	0.0127	13.39	30.10	22.83	0.00	-0.48	-3.22	0.0
11199	-79.4	-365.9	-2354.1	-187.3	695.1	857.0	0.0158	0.0051	0.0022							
11200	-18.4	-388.5	-2093.6	-250.1	662.4	751.4	0.0158	0.0051	0.0022							
11201	-17.4	-170.3	-2463.0	97.4	585.4	732.5	0.0210	0.0103	0.0127	15.19	30.97	25.11	0.00	-0.51	-3.10	0.0
11202	-52.8	-330.0	-2276.3	-189.6	705.1	811.7	0.0158	0.0051	0.0022							
11203	1.2	-362.8	-2052.5	-256.8	679.5	732.4	0.0158	0.0051	0.0022							
11204	6.5	-145.0	-2301.2	111.8	581.7	685.6	0.0203	0.0110	0.0127	17.21	31.95	27.56	0.00	-0.53	-2.96	0.0
11205	-20.7	-287.3	-2179.1	-194.5	705.8	763.1	0.0158	0.0051	0.0022							
11206	25.9	-335.4	-2004.7	-265.8	692.0	710.1	0.0129	0.0111	0.0244	19.04	22.15	10.03	0.00	-0.32	-2.73	0.0
11207	173.3	-345.1	-1677.2	-260.5	496.9	414.0	0.0084	0.0051	0.0140							
11208	178.4	-364.9	-1609.2	-287.0	517.9	426.6	0.0084	0.0051	0.0140							
11209	187.1	-389.5	-1536.3	-315.7	549.3	451.3	0.0084	0.0051	0.0140							
11210	98.6	-394.3	-1732.4	-295.4	520.3	477.1	0.0084	0.0051	0.0140							
11211	100.4	-407.6	-1682.9	-321.8	544.9	489.6	0.0084	0.0051	0.0140							
11212	104.2	-423.9	-1631.9	-350.8	576.6	511.7	0.0084	0.0051	0.0140							
11213	7.8	-454.9	-1817.6	-323.1	555.9	561.8	0.0084	0.0051	0.0140							
11214	9.0	-459.8	-1781.5	-345.7	582.1	570.6	0.0084	0.0051	0.0140							
11215	13.2	-465.4	-1743.9	-368.9	614.7	589.6	0.0126	0.0114	0.0244	21.10	23.30	10.85	0.00	-0.53	-2.47	0.0
11216	117.2	-272.6	-2162.8	-33.3	142.1	504.7	0.0084	0.0051	0.0022							
11217	131.5	-272.1	-2130.2	-53.0	208.2	493.6	0.0084	0.0051	0.0022							
11218	142.7	-273.5	-2093.3	-73.1	267.6	480.9	0.0084	0.0051	0.0022							
11219	151.2	-276.5	-2052.3	-93.9	319.2	467.2	0.0084	0.0051	0.0022							
11220	157.1	-281.3	-2007.6	-115.4	362.5	453.3	0.0084	0.0051	0.0057							
11221	161.0	-287.6	-1959.5	-137.8	397.7	440.1	0.0084	0.0051	0.0057							
11222	163.4	-295.5	-1908.6	-161.0	425.6	428.3	0.0084	0.0051	0.0057							
11223	165.1	-304.9	-1855.5	-184.9	447.4	418.8	0.0084	0.0051	0.0022							
11224	166.8	-316.1	-1800.0	-209.6	464.8	412.5	0.0084	0.0051	0.0022							
11225	169.6	-329.3	-1740.7	-234.9	480.4	410.5	0.0084	0.0051	0.0140							
11226	59.9	-356.8	-2194.1	-36.6	134.2	583.9	0.0158	0.0051	0.0057							
11227	73.7	-354.3	-2159.8	-61.3	201.6	571.0	0.0158	0.0051	0.0057							
11228	83.4	-353.4	-2121.6	-86.2	262.3	556.3	0.0158	0.0051	0.0057							
11229	89.8	-353.9	-2079.6	-111.2	315.4	540.5	0.0084	0.0051	0.0057							
11230	93.4	-355.7	-2034.7	-136.6	360.8	524.6	0.0084	0.0051	0.0057							
11231	94.8	-358.8	-1987.4	-162.3	398.7	509.4	0.0084	0.0051	0.0057							
11232	94.9	-363.0	-1938.5	-188.3	430.1	495.9	0.0084	0.0051	0.0022							
11233	94.5	-368.4	-1888.7	-214.7	456.1	485.0	0.0084	0.0051	0.0022							
11234	94.6	-375.2	-1837.7	-241.6	478.4	477.4	0.0084	0.0051	0.0022							
11235	96.4	-383.6	-1784.3	-268.9	499.2	474.1	0.0084	0.0051	0.0140							
11236	-12.4	-466.4	-2243.2	-38.6	125.4	679.3	0.0158	0.0051	0.0057							
11237	0.5	-461.3	-2208.0	-68.5	194.2	664.9	0.0158	0.0051	0.0057							
11238	8.8	-457.2	-2169.5	-98.2	256.7	648.8	0.0158	0.0051	0.0057							
11239	13.1	-454.1	-2128.2	-127.5	312.5	631.6	0.0158	0.0051	0.0057							
11240	14.4	-451.8	-2084.8	-156.5	361.4	614.4	0.0158	0.0051	0.0057							
11241	13.4	-450.3	-2040.2	-185.2	403.8	598.2	0.0158	0.0051	0.0022							
11242	11.1	-449.4	-1995.2	-213.6	440.5	583.7	0.0158	0.0051	0.0022							
11243	8.4	-449.4	-1950.4	-241.7	472.7	572.1	0.0158	0.0051	0.0022							
11244	6.4	-450.2	-1905.6	-269.8	501.9	564.1	0.0158	0.0051	0.0022							
11245	6.1	-452.0	-1859.4	-298.0	529.9	560.4	0.0158	0.0051	0.0022							
11246	-107.7	-613.2	-2344.6	-39.9	116.0	815.1	0.0158	0.0051	0.0022							
11247	-95.5	-605.0	-2308.6	-75.4	187.4	799.3	0.0158	0.0051	0.0022							
11248	-88.4	-597.0	-2270.6	-110.2	253.6	781.9	0.0158	0.0051	0.0022							
11249	-85.5	-589.1	-2230.8	-144.0	314.2	763.6	0.0158	0.0051	0.0022							
11250	-85.9	-581.3	-2190.0	-176.8	368.9	745.5	0.0158	0.0051	0.0022							
11251	-88.5	-573.7	-2148.9	-208.4	418.2	728.4	0.0158	0.0051	0.0022							
11252	-92.3	-566.2	-2108.4	-238.9	462.9	713.4	0.0158	0.0051	0.0022							
11253	-96.2	-558.9	-2068.9	-268.1	504.0	701.4	0.0158	0.0051	0.0022							
11254	-99.3	-551.8	-2030.3	-296.2	542.9	693.4	0.0158	0.0051	0.0022							
11255	-100.5	-545.0	-1991.4	-323.2	581.2	690.7	0.0158	0.0051	0.0022							
11256	-232.0	-832.4	-2489.0	-42.7	107.1	1042.4	0.0158	0.0051	0.0022							
11257	-220.3	-819.9	-2453.6	-85.8	184.3	1024.7	0.0158	0.0051	0.0022							
11258	-214.2	-805.9	-2418.5	-127.4	258.1	1006.0	0.0158	0.0051	0.0022							
11259	-212.5	-790.5	-2384.4	-167.3	327.9	987.0	0.0158	0.0051	0.0022							
11260	-214.1	-773.9	-2351.8	-204.9	393.4	968.4	0.0158	0.0051	0.0022							
11261	-217.8	-756.2	-2321.3	-240.1	454.9	951.1	0.0158	0.0051	0.0022							
11262	-222.4	-737.4	-2293.7	-272.3	512.9	935.7	0.0158	0.0051	0.0022							
11263	-226.3	-717.9	-2269.4	-301.6	568.4	923.1	0.0158	0.0051	0.0022							
11264	-228.0	-697.5	-2248.8	-327.5	622.5	914.3	0.0158	0.0051	0.0022							
11265	-226.1	-676.4	-2229.6	-350.1	676.5	910.0	0.0158	0.0051	0.0022							
11266	-539.2	-1158.3	-3590.3	-47.1	121.8	1856.8	0.0262	0.0051	0.0127				-0.15	-0.54	-4.60	
11267	-525.4	-1139.5	-3545.1	-91.1	230.6	1828.9	0.0261	0.0052	0.0127				-0.15	-0.51	-4.55	
11268	-515.5	-1115.9	-3502.2	-133.0	337.9	1795.4	0.0259	0.0054	0.0127				-0.15	-0.49	-4.50	
11269	-508.3	-1088.4	-3461.0	-172.0	443.6	1756.7	0.0256	0.0057	0.0127				-0.14	-0.46	-4.45	
11270	-502.1	-1057.2	-3421.2	-207.6	544.6	1713.3	0.0252	0.0061	0.0127				-0.14	-0.43	-4.41	
11271	-495.3	-1023.1	-3382.2	-239.4	639.6	1666.3	0.0248	0.0066	0.0127				-0.13	-0.40	-4.36	
11272	-486.3	-986.5	-3343.4	-267.2	728.0	1616.4	0.0242	0.0071	0.0127				-0.13	-0.37	-4.32	
11273	-473.3	-948.0	-3303.5	-290.9	809.8	1564.7	0.0236	0.0077	0.0127				-0.11	-0.34	-4.28	
11274	-454.6	-908.1	-3260.2	-310.8	884.8	1512.1	0.0230	0.0084	0.0127				-0.09	-0.31	-4.23	
11275	-427.7	-866.4	-3209.6	-326.8	953.6	1460.6	0.0223	0.0090	0.0127				-0.05	-0.28	-4.18	
11276	292.2	-458.8	-1835.1	-544.1	902.1	944.7	0.0557	0.0152	0.0244	12.05	44.23	27.45	0.00	-0.66	-3.36	0.0
11277	-108.6	-574.6	-2274.7	-420.0	1031.1	1088.5	0.0563	0.0123	0.0244	5.40	24.67	12.45	0.00	-0.36	-3.51	0.0
11278	-196.7	-664.4	-2611.1	-383.1	1081.7	1198.9	0.0196	0.0117	0.0127	11.68	19.59	18.03	0.00	-0.36	-3.80	0.0
11279	220.8	-466.3	-1488.5	-425.2	707.1	619.0	0.0531	0.0051	0.0140							
11280	25.0	-487.8	-1726.4	-437.5	749.3	717.1	0.0084	0.0051	0.0140							
11281	-110.4	-551.2	-1966.5	-409.1	799.5	830.1	0.0084	0.0051	0.0140							
11282	196.0	-424.8	-1482.2	-355.5	607.3	505.8	0.0084	0.0051	0.0140							
11283	88.3	-451.9	-1624.3	-390.6	638.7	573.4	0.0084	0.0051	0.0140							
11284	-21.2	-491.6	-1778.9	-395.1	674.1	659.8	0.0123	0.0116	0.0244	21.07	22.41	10.63	0.00	-0.49	-2.58	0.0
11285	-389.4	-822.3	-3130.4	-339.6	1012.1	1406.6	0.0216	0.0097	0.0127	0.20	0.46	0.35	0.00	-0.25	-4.10	0.0
11286	-217.8	-653.9	-2200.7	-367.8	723.0	904.4	0.0158	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11287	-98.5	-538.5	-1953.7	-345.7	615.1	691.7	0.0158	0.0051	0.0022							
11288	-340.8	-776.9	-3014.0	-351.1	1054.5	1347.0	0.0209	0.0104	0.0127	3.22	6.48	5.30	0.00	-0.28	-4.05	0.0
11289	-199.2	-629.0	-2160.3	-381.4	762.8	895.6	0.0158	0.0051	0.0022							
11290	-90.4	-530.6	-1917.0	-364.2	645.6	694.0	0.0158	0.0051	0.0022							
11291	-283.2	-729.4	-2862.7	-363.1	1085.0	1290.3	0.0203	0.0110	0.0127	7.00	12.85	11.17	0.00	-0.32	-3.98	0.0
11292	-170.7	-602.0	-2111.1	-394.0	802.0	891.3	0.0158	0.0051	0.0022							
11293	-77.5	-522.7	-1878.2	-383.0	678.2	699.3	0.0202	0.0112	0.0127	9.62	17.39	15.26	0.00	-0.44	-2.62	0.0
11294	-274.8	-349.8	-2581.8	123.6	-857.6	658.0	0.0084	0.0051	0.0022							
11295	-311.4	-349.0	-2626.0	112.0	-909.6	650.3	0.0084	0.0051	0.0022							
11296	-331.5	-344.3	-2699.1	90.6	-951.2	640.2	0.0084	0.0051	0.0022							
11297	-287.9	-359.7	-2679.8	115.5	-861.7	716.7	0.0084	0.0051	0.0022							
11298	-311.4	-352.1	-2725.0	100.4	-904.9	701.3	0.0084	0.0051	0.0022							
11299	-322.3	-341.4	-2788.4	78.3	-937.8	681.7	0.0084	0.0051	0.0022							
11300	-294.3	-358.1	-2807.4	97.0	-860.9	772.8	0.0084	0.0051	0.0022							
11301	-306.1	-346.9	-2842.9	81.4	-894.0	748.5	0.0084	0.0051	0.0022							
11302	-308.9	-332.0	-2886.3	60.7	-917.9	719.2	0.0128	0.0111	0.0127	6.50	7.46	6.54	0.00	-0.35	-3.43	0.0
11303	147.5	-309.2	-2511.6	-22.9	36.2	681.9	0.0084	0.0051	0.0022							
11304	127.0	-312.3	-2541.5	34.3	-117.9	689.7	0.0084	0.0051	0.0022							
11305	100.5	-316.0	-2561.8	49.7	-211.0	695.0	0.0084	0.0051	0.0022							
11306	67.8	-320.4	-2573.0	65.2	-304.6	697.4	0.0084	0.0051	0.0022							
11307	28.9	-325.2	-2576.1	80.5	-396.9	697.2	0.0084	0.0051	0.0057							
11308	-15.7	-330.2	-2572.8	95.0	-486.6	694.4	0.0084	0.0051	0.0057							
11309	-65.4	-335.3	-2565.6	108.1	-572.3	689.5	0.0084	0.0051	0.0057							
11310	-118.7	-340.2	-2558.0	118.7	-653.1	682.9	0.0084	0.0051	0.0022							
11311	-173.7	-344.6	-2554.3	125.8	-728.0	675.2	0.0084	0.0051	0.0022							
11312	-227.3	-347.9	-2560.1	128.0	-796.8	666.8	0.0084	0.0051	0.0022							
11313	93.8	-363.3	-2546.4	21.9	-32.4	788.2	0.0084	0.0051	0.0057							
11314	73.8	-366.2	-2577.1	39.2	-124.0	795.7	0.0084	0.0051	0.0057							
11315	47.8	-368.7	-2599.4	56.6	-217.9	799.3	0.0084	0.0051	0.0057							
11316	15.9	-370.7	-2613.8	73.5	-312.3	799.1	0.0084	0.0051	0.0057							
11317	-21.6	-372.2	-2621.5	89.5	-405.5	795.2	0.0084	0.0051	0.0057							
11318	-64.1	-372.9	-2624.5	103.7	-496.0	787.9	0.0084	0.0051	0.0057							
11319	-110.4	-372.8	-2625.3	115.3	-582.3	777.7	0.0084	0.0051	0.0022							
11320	-158.8	-371.5	-2627.1	123.4	-663.3	764.9	0.0084	0.0051	0.0022							
11321	-207.2	-368.9	-2633.9	126.8	-738.2	750.0	0.0084	0.0051	0.0022							
11322	-252.3	-364.9	-2650.2	124.4	-806.2	733.4	0.0084	0.0051	0.0022							
11323	31.2	-413.5	-2614.7	22.8	-36.4	901.6	0.0158	0.0051	0.0057							
11324	12.1	-415.7	-2647.3	41.4	-128.7	908.6	0.0158	0.0051	0.0057							
11325	-12.5	-416.2	-2672.7	59.7	-223.7	910.6	0.0158	0.0051	0.0057							
11326	-42.3	-414.9	-2691.8	76.8	-319.3	907.7	0.0158	0.0051	0.0057							
11327	-76.9	-411.9	-2705.8	92.1	-413.6	899.9	0.0158	0.0051	0.0057							
11328	-115.2	-407.1	-2716.5	104.5	-505.0	887.7	0.0158	0.0051	0.0022							
11329	-155.9	-400.4	-2726.2	113.3	-591.8	871.3	0.0158	0.0051	0.0022							
11330	-197.0	-391.8	-2737.6	117.6	-672.7	851.2	0.0158	0.0051	0.0022							
11331	-236.2	-381.4	-2753.7	116.4	-746.5	827.4	0.0158	0.0051	0.0022							
11332	-270.5	-369.3	-2777.5	109.1	-812.1	799.8	0.0158	0.0051	0.0022							
11333	-40.1	-442.3	-2749.9	20.7	-39.1	1028.0	0.0158	0.0051	0.0022							
11334	-57.6	-443.3	-2785.1	38.3	-132.7	1034.2	0.0158	0.0051	0.0022							
11335	-79.5	-441.2	-2814.5	55.1	-229.0	1033.8	0.0158	0.0051	0.0022							
11336	-105.5	-435.9	-2838.9	70.1	-325.9	1026.8	0.0158	0.0051	0.0022							
11337	-134.7	-427.7	-2859.1	82.2	-421.1	1013.4	0.0158	0.0051	0.0022							
11338	-166.1	-416.6	-2876.6	90.7	-512.5	993.7	0.0158	0.0051	0.0022							
11339	-197.9	-403.0	-2892.9	95.0	-598.4	968.0	0.0158	0.0051	0.0022							
11340	-228.4	-387.3	-2909.7	94.5	-677.0	936.5	0.0158	0.0051	0.0022							
11341	-255.3	-369.8	-2928.4	88.5	-746.9	899.1	0.0158	0.0051	0.0022							
11342	-276.1	-350.7	-2950.5	76.6	-806.2	855.7	0.0158	0.0051	0.0022							
11343	-108.6	-393.5	-2977.4	13.3	-39.7	1121.3	0.0158	0.0051	0.0022							
11344	-123.4	-393.4	-3014.7	24.8	-132.5	1125.9	0.0158	0.0051	0.0022							
11345	-140.7	-389.6	-3046.3	35.2	-227.7	1121.6	0.0158	0.0051	0.0022							
11346	-160.0	-382.2	-3072.3	43.4	-322.5	1108.4	0.0158	0.0051	0.0022							
11347	-180.5	-371.6	-3093.4	48.7	-414.5	1086.6	0.0158	0.0051	0.0022							
11348	-201.3	-358.3	-3110.0	50.7	-501.6	1056.4	0.0158	0.0051	0.0022							
11349	-220.9	-343.1	-3122.9	49.9	-581.8	1018.3	0.0158	0.0051	0.0022							
11350	-238.1	-326.8	-3132.5	45.7	-653.3	973.0	0.0158	0.0051	0.0022							
11351	-251.2	-310.2	-3139.1	37.3	-714.4	920.9	0.0158	0.0051	0.0022							
11352	-259.2	-293.9	-3142.9	24.9	-763.8	862.8	0.0158	0.0051	0.0022							
11353	-163.6	-286.4	-3246.5	-10.3	-35.6	1074.4	0.0262	0.0051	0.0127	2.45	12.68	5.06	0.00	-0.23	-3.66	0.0
11354	-175.3	-287.5	-3283.8	6.0	-119.6	1078.3	0.0261	0.0052	0.0127	2.46	12.43	5.06	0.00	-0.24	-3.70	0.0
11355	-187.7	-286.4	-3313.6	9.6	-205.1	1073.3	0.0259	0.0054	0.0127	2.58	12.48	5.28	0.00	-0.25	-3.73	0.0
11356	-200.3	-283.4	-3335.7	12.4	-289.8	1059.2	0.0257	0.0057	0.0127	2.75	12.46	5.55	0.00	-0.27	-3.76	0.0
11357	-212.8	-278.7	-3350.2	13.9	-371.7	1036.4	0.0253	0.0060	0.0127	2.94	12.32	5.85	0.00	-0.29	-3.78	0.0
11358	-224.8	-273.0	-3357.3	13.5	-449.0	1005.6	0.0248	0.0065	0.0127	3.15	12.05	6.16	0.00	-0.30	-3.79	0.0
11359	-235.6	-266.9	-3357.2	11.2	-520.3	967.5	0.0243	0.0070	0.0127	3.37	11.68	6.45	0.00	-0.32	-3.79	0.0
11360	-244.7	-261.0	-3350.1	-10.4	-584.5	923.3	0.0237	0.0076	0.0127	4.20	13.11	7.83	0.00	-0.36	-3.80	0.0
11361	-251.8	-256.2	-3336.2	-18.5	-640.6	874.3	0.0231	0.0082	0.0127	4.53	12.71	8.22	0.00	-0.38	-3.78	0.0
11362	-256.6	-253.1	-3315.7	-27.9	-688.0	821.4	0.0224	0.0089	0.0127	4.83	12.19	8.52	0.00	-0.39	-3.76	0.0
11363	-253.5	-284.1	-3060.2	-67.4	-854.0	519.6	0.0112	0.0127	0.0127	10.15	8.91	8.94	0.00	-0.45	-3.49	0.0
11364	-256.5	-274.7	-3116.4	-64.3	-833.8	567.3	0.0118	0.0121	0.0127	9.59	9.31	8.89	0.00	-0.44	-3.54	0.0
11365	-260.7	-266.1	-3171.6	-60.2	-810.6	614.7	0.0124	0.0115	0.0127	8.94	9.64	8.74	0.00	-0.43	-3.60	0.0
11366	-275.6	-300.3	-2943.7	-35.4	-931.4	580.3	0.0084	0.0051	0.0022							
11367	-265.1	-288.4	-3012.0	-40.9	-899.7	619.4	0.0084	0.0051	0.0022							
11368	-257.1	-276.0	-3078.3	-45.6	-864.2	655.3	0.0084	0.0051	0.0022							
11369	-323.2	-330.0	-2812.8	54.1	-970.2	622.4	0.0084	0.0051	0.0022							
11370	-308.5	-321.9	-2891.3	42.5	-945.5	659.9	0.0084	0.0051	0.0022							
11371	-293.2	-310.2	-2971.0	29.5	-914.7	693.3	0.0126	0.0114	0.0127	8.09	8.92	7.99	0.00	-0.38	-3.50	0.0
11372	-260.2	-252.3	-3288.2	-36.9	-727.0	769.0	0.0218	0.0096	0.0127	5.07	11.55	8.68	0.00	-0.40	-3.73	0.0
11373	-261.7	-281.0	-3139.5	11.8	-799.4	806.5	0.0158	0.0051	0.0022							
11374	-287.8	-333.8	-2970.0	62.0	-847.7	814.3	0.0158	0.0051	0.0022							
11375	-262.3	-254.5	-3255.0	-45.4	-759.8	716.5	0.0211	0.0102	0.0127	5.25	10.86	8.72	0.00	-0.41	-3.69	0.0
11376	-260.8	-273.8	-3129.9	-25.8	-824.2	752.8	0.0158	0.0051	0.0022							
11377	-291.0	-320.8	-2986.0	46.9	-874.2	774.6	0.0158	0.0051	0.0022							
11378	-262.2	-259.4	-3217.8	-53.3	-786.6	664.6	0.0204	0.0109	0.0127	5.40	10.16	8.69	0.00	-0.42	-3.65	0.0
11379	-257.0	-269.1	-3117.2	-40.4	-840.5	698.1	0.0158	0.0051	0.0022							
11380	-288.7	-309.7	-3002.7	30.7	-891.8	731.0	0.0130	0.0109	0.0127	7.83	9.30	8.01	0.00	-0.37	-3.53	0.0
11381	-364.4	-411.7	-2437.3	168.7	-787.0	626.8	0.0084	0.0051	0.0022							
11382	-427.3	-430.0	-2492.8	170.0	-864.4	642.0	0.0084	0.0051	0.0022							
11383	-483.0	-448.9	-2587.9	163.1	-951.6	664.5	0.0084	0.0051	0.0022							
11384	-398.6	-449.9	-2536.8	175.1	-816.5	707.5	0.0084	0.0051	0.0022							
11385	-447.1	-459.4	-2597.8	171.5	-889.1	718.1	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11386	-488.4	-468.4	-2689.4	160.4	-966.7	732.2	0.0084	0.0051	0.0022							
11387	-431.2	-485.7	-2676.6	173.3	-854.5	803.1	0.0084	0.0051	0.0022							
11388	-464.0	-486.5	-2734.2	165.4	-917.8	803.7	0.0084	0.0051	0.0022							
11389	-489.5	-484.2	-2811.5	150.3	-982.7	805.1	0.0127	0.0112	0.0127				-0.05	-0.34	-3.40	
11390	115.7	-310.8	-2335.6	23.0	51.9	602.4	0.0084	0.0051	0.0022							
11391	93.4	-314.5	-2361.4	38.9	-91.6	609.5	0.0084	0.0051	0.0022							
11392	65.6	-319.6	-2379.9	55.4	-175.0	614.3	0.0084	0.0051	0.0022							
11393	31.7	-326.0	-2391.3	72.4	-258.1	616.9	0.0084	0.0051	0.0057							
11394	-8.6	-333.9	-2396.5	89.7	-339.8	617.7	0.0084	0.0051	0.0057							
11395	-55.4	-343.1	-2396.9	106.9	-419.1	617.2	0.0084	0.0051	0.0057							
11396	-108.6	-353.8	-2394.5	123.4	-495.5	616.1	0.0084	0.0051	0.0057							
11397	-167.5	-365.9	-2392.5	138.7	-569.4	615.3	0.0084	0.0051	0.0022							
11398	-231.1	-379.7	-2395.1	152.1	-641.5	615.9	0.0084	0.0051	0.0022							
11399	-297.8	-395.0	-2407.8	162.6	-713.7	619.5	0.0084	0.0051	0.0022							
11400	57.7	-384.0	-2369.8	25.8	42.7	702.3	0.0158	0.0051	0.0057							
11401	35.7	-387.8	-2396.7	45.2	-96.8	709.4	0.0158	0.0051	0.0057							
11402	8.0	-392.1	-2417.1	65.0	-181.0	713.7	0.0084	0.0051	0.0057							
11403	-25.9	-397.0	-2431.4	84.8	-265.4	715.2	0.0084	0.0051	0.0057							
11404	-66.1	-402.5	-2440.8	104.1	-349.0	714.4	0.0084	0.0051	0.0057							
11405	-112.3	-408.6	-2446.9	122.6	-430.8	712.0	0.0084	0.0051	0.0057							
11406	-164.2	-415.3	-2451.8	139.6	-510.5	708.6	0.0084	0.0051	0.0022							
11407	-220.7	-422.7	-2458.9	154.2	-588.4	705.4	0.0084	0.0051	0.0022							
11408	-280.6	-430.9	-2472.1	165.8	-665.3	703.4	0.0084	0.0051	0.0022							
11409	-342.0	-440.1	-2496.7	173.3	-742.6	703.7	0.0084	0.0051	0.0022							
11410	-13.2	-468.6	-2434.9	27.6	32.9	820.7	0.0158	0.0051	0.0057							
11411	-34.7	-472.2	-2463.6	50.3	-102.2	828.3	0.0158	0.0051	0.0057							
11412	-61.9	-475.2	-2487.1	72.9	-188.4	832.4	0.0158	0.0051	0.0057							
11413	-95.0	-477.6	-2505.9	94.9	-275.7	833.4	0.0158	0.0051	0.0057							
11414	-133.9	-479.6	-2521.4	115.8	-362.8	831.6	0.0158	0.0051	0.0057							
11415	-178.1	-481.1	-2535.1	134.9	-448.8	827.6	0.0158	0.0051	0.0022							
11416	-227.0	-482.2	-2549.4	151.4	-533.5	822.4	0.0158	0.0051	0.0022							
11417	-279.2	-483.1	-2567.3	164.4	-616.8	816.6	0.0158	0.0051	0.0022							
11418	-333.2	-483.8	-2592.5	173.0	-699.4	811.2	0.0158	0.0051	0.0022							
11419	-386.8	-484.6	-2629.8	176.2	-782.0	806.5	0.0158	0.0051	0.0022							
11420	-98.2	-557.8	-2553.3	27.5	22.5	976.8	0.0158	0.0051	0.0022							
11421	-118.8	-560.8	-2584.9	52.2	-109.9	984.9	0.0158	0.0051	0.0022							
11422	-144.7	-561.8	-2613.2	76.5	-200.7	989.1	0.0158	0.0051	0.0022							
11423	-175.9	-560.7	-2638.8	99.6	-293.2	989.5	0.0158	0.0051	0.0022							
11424	-211.9	-557.6	-2662.8	120.6	-386.1	986.4	0.0158	0.0051	0.0022							
11425	-252.2	-552.7	-2687.0	138.7	-478.3	980.2	0.0158	0.0051	0.0022							
11426	-295.5	-546.1	-2713.4	152.9	-569.4	971.5	0.0158	0.0051	0.0022							
11427	-340.3	-538.1	-2744.8	162.2	-659.0	960.6	0.0158	0.0051	0.0022							
11428	-384.7	-528.6	-2784.3	165.4	-747.0	947.7	0.0158	0.0051	0.0022							
11429	-426.2	-517.8	-2835.3	161.7	-833.4	932.6	0.0158	0.0051	0.0022							
11430	-211.8	-628.9	-2856.2	23.1	-28.7	1232.5	0.0158	0.0051	0.0022							
11431	-230.8	-630.9	-2892.6	46.2	-126.0	1240.5	0.0158	0.0051	0.0022							
11432	-253.5	-628.4	-2927.2	68.2	-226.6	1241.9	0.0158	0.0051	0.0022							
11433	-279.8	-621.7	-2960.7	87.9	-328.4	1237.0	0.0158	0.0051	0.0022							
11434	-309.0	-611.0	-2993.7	104.4	-429.8	1225.6	0.0158	0.0051	0.0022							
11435	-340.1	-596.7	-3027.5	116.6	-529.5	1208.0	0.0158	0.0051	0.0022							
11436	-371.6	-579.2	-3063.1	123.6	-626.3	1184.2	0.0158	0.0051	0.0022							
11437	-401.5	-559.0	-3102.0	124.6	-718.8	1154.1	0.0158	0.0051	0.0022							
11438	-427.2	-536.5	-3145.3	118.4	-805.5	1117.2	0.0158	0.0051	0.0022							
11439	-446.3	-512.0	-3194.6	104.4	-885.0	1073.0	0.0158	0.0051	0.0022							
11440	-288.1	-377.4	-3372.4	-13.1	-30.5	1277.3	0.0262	0.0051	0.0127	3.61	18.68	7.46	0.00	-0.38	-3.94	0.0
11441	-301.7	-377.7	-3410.9	-9.5	-124.7	1281.9	0.0261	0.0052	0.0127	3.76	18.99	7.73	0.00	-0.40	-3.98	0.0
11442	-314.6	-375.2	-3444.9	-7.7	-220.3	1276.8	0.0259	0.0054	0.0127	3.97	19.16	8.11	0.00	-0.42	-4.02	0.0
11443	-326.6	-369.5	-3474.3	-8.3	-315.2	1261.5	0.0256	0.0057	0.0127	4.26	19.28	8.60	0.00	-0.44	-4.06	0.0
11444	-337.0	-361.2	-3499.4	-12.0	-407.5	1236.1	0.0253	0.0061	0.0127	4.65	19.38	9.23	0.00	-0.46	-4.09	0.0
11445	-345.0	-350.7	-3520.2	-19.4	-495.3	1201.1	0.0248	0.0065	0.0127	5.12	19.49	10.00	0.00	-0.49	-4.11	0.0
11446	-349.6	-338.9	-3536.6	-30.8	-576.7	1156.8	0.0243	0.0071	0.0127	5.71	19.65	10.91	0.00	-0.51	-4.13	0.0
11447	-349.6	-326.3	-3548.6	-46.4	-649.9	1103.8	0.0237	0.0076	0.0127	6.42	19.88	11.96	0.00	-0.54	-4.14	0.0
11448	-343.7	-314.0	-3555.7	-66.1	-713.2	1042.8	0.0230	0.0083	0.0127	7.25	20.16	13.14	0.00	-0.56	-4.15	0.0
11449	-329.5	-301.2	-3557.5	-90.4	-763.4	973.5	0.0224	0.0090	0.0127	8.27	20.65	14.55	0.00	-0.59	-4.15	0.0
11450	-256.2	-367.1	-3351.5	-125.0	-970.9	618.7	0.0111	0.0128	0.0127	17.89	15.46	15.62	0.00	-0.65	-3.92	0.0
11451	-247.6	-341.0	-3412.6	-141.4	-928.1	666.3	0.0117	0.0122	0.0127	18.34	17.53	16.88	0.00	-0.66	-3.99	0.0
11452	-242.3	-312.9	-3470.1	-157.6	-878.8	708.1	0.0197	0.0116	0.0127	11.58	19.67	17.96	0.00	-0.67	-4.04	0.0
11453	-496.3	-468.4	-3067.4	78.2	-1142.3	731.2	0.0084	0.0051	0.0022							
11454	-475.8	-464.3	-3166.6	62.4	-1114.7	794.7	0.0084	0.0051	0.0022							
11455	-451.3	-452.7	-3268.4	41.8	-1075.9	851.9	0.0084	0.0051	0.0022							
11456	-518.1	-465.4	-2757.1	139.8	-1052.6	698.7	0.0084	0.0051	0.0022							
11457	-508.9	-475.0	-2860.0	131.7	-1052.3	763.8	0.0084	0.0051	0.0022							
11458	-495.9	-480.2	-2976.9	117.5	-1045.7	829.2	0.0125	0.0115	0.0127				0.00	-0.37	-3.58	
11459	-308.7	-291.5	-3549.6	-115.6	-800.7	902.5	0.0217	0.0096	0.0127	9.38	21.14	16.01	0.00	-0.62	-4.14	0.0
11460	-457.0	-489.9	-3236.4	86.5	-950.4	1025.7	0.0158	0.0051	0.0022							
11461	-457.4	-507.5	-2887.1	152.3	-905.2	916.9	0.0158	0.0051	0.0022							
11462	-286.4	-290.2	-3532.1	-136.1	-831.0	831.4	0.0210	0.0103	0.0127	10.30	21.02	17.03	0.00	-0.64	-4.12	0.0
11463	-457.3	-472.2	-3269.3	66.7	-999.3	973.3	0.0158	0.0051	0.0022							
11464	-475.5	-497.7	-2939.0	138.7	-962.7	898.3	0.0158	0.0051	0.0022							
11465	-258.5	-292.0	-3509.2	-156.4	-849.7	759.1	0.0204	0.0110	0.0127	11.26	20.93	18.04	0.00	-0.66	-4.09	0.0
11466	-446.6	-453.5	-3303.4	43.0	-1036.2	913.7	0.0158	0.0051	0.0022							
11467	-485.7	-487.9	-3003.5	119.6	-1015.8	874.7	0.0203	0.0110	0.0127				0.00	-0.37	-3.60	
11468	-414.8	-427.9	-2283.7	209.3	-651.0	534.9	0.0084	0.0051	0.0022							
11469	-508.6	-467.8	-2327.7	229.8	-724.1	554.5	0.0084	0.0051	0.0022							
11470	-616.3	-517.9	-2404.8	252.3	-817.0	586.2	0.0084	0.0051	0.0022							
11471	-474.3	-495.8	-2363.5	237.2	-682.9	609.6	0.0084	0.0051	0.0022							
11472	-558.0	-529.4	-2413.0	256.2	-756.6	629.0	0.0084	0.0051	0.0022							
11473	-651.4	-571.1	-2489.7	275.8	-845.2	658.4	0.0084	0.0051	0.0022							
11474	-545.5	-580.3	-2475.9	268.8	-730.4	706.2	0.0084	0.0051	0.0022							
11475	-616.2	-603.5	-2525.0	284.3	-801.7	720.0	0.0084	0.0051	0.0022							
11476	-694.4	-633.4	-2593.6	300.6	-886.7	744.8	0.0126	0.0113	0.0127				-0.34	-0.38	-3.20	
11477	99.5	-274.7	-2190.5	24.0	71.8	513.0	0.0084	0.0051	0.0022							
11478	77.9	-278.6	-2213.0	39.8	-64.9	518.9	0.0084	0.0051	0.0022							
11479	51.4	-284.5	-2230.2	56.4	-138.2	522.3	0.0084	0.0051	0.0022							
11480	19.2	-292.4	-2242.0	74.0	-210.2	523.5	0.0084	0.0051	0.0057							
11481	-19.6	-302.6	-2248.7	92.4	-279.5	523.0	0.0084	0.0051	0.0057							
11482	-65.6	-315.1	-2251.1	111.5	-345.3	521.6	0.0084	0.0051	0.0057							
11483	-119.3	-330.2	-2250.6	131.0	-407.8	520.0	0.0084	0.0051	0.0057							
11484	-181.1	-348.4	-2249.6	150.7	-467.6	519.3	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11485	-250.9	-370.2	-2251.6	170.4	-526.4	520.6	0.0084	0.0051	0.0022							
11486	-329.0	-396.4	-2261.0	190.0	-586.7	525.6	0.0084	0.0051	0.0022							
11487	42.4	-360.2	-2223.0	27.1	63.4	593.5	0.0158	0.0051	0.0057							
11488	20.7	-364.5	-2246.2	47.3	-67.8	599.7	0.0158	0.0051	0.0057							
11489	-6.5	-370.3	-2264.4	68.2	-140.8	602.9	0.0158	0.0051	0.0057							
11490	-39.7	-377.6	-2277.8	89.7	-213.1	603.7	0.0158	0.0051	0.0057							
11491	-79.8	-386.5	-2287.1	111.7	-283.5	602.5	0.0084	0.0051	0.0057							
11492	-127.1	-397.4	-2293.1	133.8	-351.7	600.2	0.0084	0.0051	0.0057							
11493	-181.9	-410.4	-2297.7	155.8	-417.6	597.8	0.0084	0.0051	0.0022							
11494	-244.3	-426.0	-2303.3	177.4	-482.1	596.2	0.0084	0.0051	0.0022							
11495	-314.5	-445.1	-2313.3	198.4	-546.8	596.8	0.0084	0.0051	0.0022							
11496	-392.5	-468.4	-2332.1	218.6	-614.2	600.9	0.0084	0.0051	0.0022							
11497	-29.6	-471.3	-2273.2	29.9	53.8	690.1	0.0158	0.0051	0.0057							
11498	-51.4	-476.0	-2297.8	55.2	-70.9	697.0	0.0158	0.0051	0.0057							
11499	-79.1	-481.4	-2318.2	81.0	-144.8	700.8	0.0158	0.0051	0.0057							
11500	-113.2	-487.5	-2334.9	107.1	-218.9	701.9	0.0158	0.0051	0.0057							
11501	-154.3	-494.6	-2348.6	133.1	-292.4	701.0	0.0158	0.0051	0.0057							
11502	-202.5	-502.9	-2360.5	158.7	-364.8	698.9	0.0158	0.0051	0.0022							
11503	-258.1	-512.8	-2372.5	183.6	-436.4	696.5	0.0158	0.0051	0.0022							
11504	-321.2	-524.9	-2386.9	207.5	-507.9	695.0	0.0158	0.0051	0.0022							
11505	-391.9	-540.0	-2407.2	230.3	-581.0	695.7	0.0158	0.0051	0.0022							
11506	-470.1	-559.3	-2437.4	251.7	-657.7	699.7	0.0158	0.0051	0.0022							
11507	-124.8	-620.1	-2376.2	32.3	42.4	827.4	0.0158	0.0051	0.0022							
11508	-146.7	-625.4	-2403.1	63.6	-76.9	835.4	0.0158	0.0051	0.0022							
11509	-174.9	-630.3	-2426.9	95.2	-154.7	840.2	0.0158	0.0051	0.0022							
11510	-209.8	-634.9	-2448.2	126.7	-234.0	842.4	0.0158	0.0051	0.0022							
11511	-251.6	-639.5	-2467.8	157.7	-313.8	842.4	0.0158	0.0051	0.0022							
11512	-300.7	-644.3	-2487.2	187.8	-394.0	841.1	0.0158	0.0051	0.0022							
11513	-357.0	-650.0	-2508.0	216.5	-474.6	839.5	0.0158	0.0051	0.0022							
11514	-420.6	-657.0	-2532.9	243.4	-556.8	838.5	0.0158	0.0051	0.0022							
11515	-491.5	-666.4	-2565.2	268.3	-642.0	839.7	0.0158	0.0051	0.0022							
11516	-570.1	-679.5	-2609.1	291.1	-732.4	844.4	0.0158	0.0051	0.0022							
11517	-249.1	-842.0	-2521.5	34.9	28.6	1056.3	0.0158	0.0051	0.0022							
11518	-271.5	-847.8	-2551.7	74.5	-92.3	1065.8	0.0158	0.0051	0.0022							
11519	-300.6	-851.3	-2582.0	114.3	-180.4	1072.9	0.0158	0.0051	0.0022							
11520	-336.9	-852.8	-2612.8	153.5	-271.0	1077.5	0.0158	0.0051	0.0022							
11521	-380.4	-852.5	-2645.2	191.5	-363.6	1080.1	0.0158	0.0051	0.0022							
11522	-431.2	-850.8	-2680.8	227.6	-458.1	1081.2	0.0158	0.0051	0.0022							
11523	-489.1	-848.4	-2721.7	260.9	-555.0	1081.5	0.0158	0.0051	0.0022							
11524	-554.0	-845.9	-2770.8	290.7	-655.2	1081.8	0.0158	0.0051	0.0022							
11525	-625.3	-844.1	-2832.5	316.1	-760.5	1083.1	0.0158	0.0051	0.0022							
11526	-702.9	-844.0	-2910.6	336.7	-872.9	1085.9	0.0158	0.0051	0.0022							
11527	-557.2	-1171.5	-3635.1	32.0	-39.6	1877.7	0.0262	0.0051	0.0127				-0.16	-0.56	-4.65	
11528	-579.8	-1178.8	-3678.7	75.2	-168.6	1888.9	0.0261	0.0052	0.0127				-0.16	-0.57	-4.70	
11529	-608.1	-1180.6	-3723.3	117.8	-301.3	1891.6	0.0259	0.0054	0.0127				-0.17	-0.59	-4.76	
11530	-642.0	-1177.2	-3769.7	158.8	-436.5	1886.2	0.0256	0.0057	0.0127				-0.18	-0.60	-4.81	
11531	-681.5	-1168.8	-3818.8	197.2	-573.3	1872.9	0.0252	0.0061	0.0127				-0.18	-0.61	-4.87	
11532	-726.2	-1156.3	-3871.6	231.8	-711.1	1851.9	0.0248	0.0065	0.0127				-0.19	-0.63	-4.94	
11533	-775.6	-1140.5	-3929.3	261.8	-849.2	1823.6	0.0242	0.0071	0.0127				-0.19	-0.64	-5.01	
11534	-828.9	-1122.4	-3993.2	286.4	-987.6	1788.6	0.0236	0.0077	0.0127				-0.20	-0.66	-5.09	
11535	-885.2	-1103.1	-4065.4	305.1	-1126.2	1747.2	0.0230	0.0083	0.0127				-0.20	-0.67	-5.18	
11536	-942.8	-1083.2	-4149.3	316.8	-1265.9	1700.7	0.0223	0.0090	0.0127				-0.20	-0.69	-5.29	
11537	-1126.7	-899.1	-4027.7	291.3	-1776.9	1096.3	0.0110	0.0129	0.0127				-0.19	-0.70	-5.16	
11538	-1122.1	-943.5	-4162.6	302.3	-1756.8	1234.6	0.0116	0.0123	0.0127				-0.19	-0.72	-5.32	
11539	-1114.1	-991.8	-4305.0	308.8	-1725.2	1377.8	0.0196	0.0117	0.0127				-0.18	-0.74	-5.49	
11540	-919.1	-694.1	-2854.9	313.6	-1194.0	772.9	0.0084	0.0051	0.0022							
11541	-927.9	-748.0	-2983.2	333.3	-1212.9	878.0	0.0084	0.0051	0.0022							
11542	-935.4	-806.5	-3137.2	347.9	-1235.5	996.0	0.0084	0.0051	0.0022							
11543	-751.6	-590.3	-2553.2	281.5	-958.8	648.9	0.0084	0.0051	0.0022							
11544	-773.2	-640.0	-2645.7	303.4	-983.1	729.3	0.0084	0.0051	0.0022							
11545	-795.1	-695.9	-2758.8	322.5	-1010.2	821.3	0.0124	0.0116	0.0127				-0.36	-0.42	-3.47	
11546	-995.4	-1062.1	-4222.3	321.6	-1400.5	1645.8	0.0216	0.0097	0.0127				-0.19	-0.71	-5.38	
11547	-776.7	-843.5	-2987.2	350.5	-979.0	1084.5	0.0158	0.0051	0.0022							
11548	-643.9	-693.3	-2656.4	308.5	-816.7	850.9	0.0158	0.0051	0.0022							
11549	-1042.8	-1041.7	-4282.4	320.9	-1522.2	1575.9	0.0209	0.0104	0.0127				-0.19	-0.72	-5.46	
11550	-841.1	-840.3	-3065.2	356.2	-1078.9	1074.7	0.0158	0.0051	0.0022							
11551	-707.5	-704.5	-2708.4	320.3	-894.9	856.0	0.0158	0.0051	0.0022							
11552	-1088.8	-1023.7	-4347.1	314.5	-1640.9	1500.5	0.0203	0.0110	0.0127				-0.18	-0.74	-5.53	
11553	-904.8	-839.2	-3165.4	356.0	-1187.7	1066.5	0.0158	0.0051	0.0022							
11554	-773.8	-717.6	-2779.1	328.2	-981.9	862.3	0.0202	0.0111	0.0127				-0.36	-0.42	-3.49	
11555	288.6	-152.0	-2285.0	15.9	166.4	-298.1	0.0084	0.0051	0.0022							
11556	283.5	-158.1	-2265.0	19.3	164.0	-331.6	0.0084	0.0051	0.0022							
11557	305.2	-152.4	-2223.3	23.1	258.6	-290.5	0.0084	0.0051	0.0022							
11558	299.9	-158.3	-2204.3	27.7	254.8	-323.2	0.0084	0.0051	0.0022							
11559	320.3	-154.1	-2152.0	30.1	339.5	-281.2	0.0084	0.0051	0.0022							
11560	314.9	-159.7	-2134.3	35.9	334.5	-312.9	0.0084	0.0051	0.0022							
11561	335.6	-156.8	-2073.1	36.5	407.8	-270.3	0.0084	0.0051	0.0022							
11562	330.2	-162.2	-2057.0	43.5	401.9	-301.1	0.0084	0.0051	0.0022							
11563	352.4	-160.7	-1988.3	42.2	463.2	-258.4	0.0084	0.0051	0.0022							
11564	347.0	-165.7	-1974.1	50.4	456.9	-288.1	0.0084	0.0051	0.0022							
11565	371.8	-165.6	-1899.0	46.9	506.0	-245.9	0.0084	0.0051	0.0022							
11566	366.4	-170.2	-1886.8	56.1	499.5	-274.6	0.0084	0.0051	0.0022							
11567	394.6	-171.0	-1806.2	50.2	536.4	-233.2	0.0084	0.0051	0.0057							
11568	389.2	-175.3	-1796.0	60.5	530.0	-260.9	0.0084	0.0051	0.0057							
11569	421.7	-176.1	-1710.4	52.0	554.5	-220.7	0.0084	0.0051	0.0057							
11570	416.7	-180.2	-1702.5	63.1	548.5	-247.5	0.0084	0.0051	0.0057							
11571	454.7	-178.8	-1610.6	51.8	560.2	-208.9	0.0084	0.0051	0.0057							
11572	450.1	-183.0	-1605.2	63.5	554.8	-235.0	0.0084	0.0051	0.0057							
11573	495.2	-176.4	-1500.5	49.7	553.7	-198.3	0.0084	0.0051	0.0140							
11574	491.3	-181.0	-1498.4	61.5	549.1	-223.8	0.0084	0.0051	0.0140							
11575	545.6	-167.0	-1371.5	46.2	536.1	-189.8	0.0084	0.0051	0.0140							
11576	542.0	-171.3	-1373.4	57.8	532.3	-215.0	0.0084	0.0051	0.0140							
11577	608.0	-151.0	-1220.6	42.7	514.5	-184.4	0.0084	0.0051	0.0140							
11578	603.9	-154.0	-1226.7	54.7	511.6	-210.0	0.0084	0.0051	0.0140							
11579	684.6	-132.5	-1041.8	39.3	514.9	-183.4	0.0084	0.0051	0.0140							
11580	679.2	-133.9	-1051.9	55.9	513.8	-210.7	0.0084	0.0051	0.0140							
11581	777.0	-119.0	-819.0	32.0	533.5	-186.8	0.0531	0.0051	0.0140							
11582	771.1	-120.2	-833.4	62.5	533.8	-216.7	0.0531	0.0051	0.0140							
11583	897.0	-114.7	-560.2	-31.9	526.8	-191.4	0.0531	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11584	901.2	-128.3	-582.5	71.4	527.2	-224.6	0.0531	0.0051	0.0140							
11585	1114.7	-13.1	-375.7	-99.9	542.0	-218.2	0.0533	0.0153	0.0244	24.61	85.47	53.65	0.00	-1.29	-1.92	0.0
11586	1145.9	5.7	-387.3	-118.6	522.2	-170.2	0.0534	0.0152	0.0244	24.86	87.12	54.31	0.00	-1.31	-1.90	0.0
11587	264.1	-132.1	-2121.5	13.0	166.5	-280.4	0.0084	0.0051	0.0022							
11588	259.3	-137.4	-2106.2	15.8	164.5	-309.7	0.0084	0.0051	0.0022							
11589	284.2	-132.5	-2073.7	19.4	249.0	-273.6	0.0084	0.0051	0.0022							
11590	279.1	-137.7	-2059.0	23.5	245.7	-302.1	0.0084	0.0051	0.0022							
11591	302.9	-134.3	-2018.5	25.9	320.7	-265.2	0.0084	0.0051	0.0022							
11592	297.7	-139.4	-2004.6	31.1	316.3	-292.8	0.0084	0.0051	0.0022							
11593	321.3	-137.4	-1956.8	32.1	380.1	-255.4	0.0084	0.0051	0.0022							
11594	315.9	-142.4	-1943.8	38.5	375.0	-282.0	0.0084	0.0051	0.0022							
11595	339.8	-141.8	-1889.2	37.8	426.5	-244.7	0.0084	0.0051	0.0022							
11596	334.4	-146.6	-1877.5	45.4	421.0	-270.2	0.0084	0.0051	0.0022							
11597	359.0	-147.1	-1816.3	42.8	460.0	-233.5	0.0084	0.0051	0.0022							
11598	353.5	-151.8	-1805.9	51.5	454.4	-258.0	0.0084	0.0051	0.0022							
11599	379.1	-152.9	-1738.2	46.8	481.4	-222.3	0.0084	0.0051	0.0057							
11600	373.7	-157.5	-1729.3	56.7	476.0	-245.9	0.0084	0.0051	0.0057							
11601	400.3	-158.4	-1654.0	49.5	492.7	-211.6	0.0084	0.0051	0.0057							
11602	395.3	-163.1	-1647.0	60.4	487.5	-234.4	0.0084	0.0051	0.0057							
11603	422.9	-162.1	-1559.2	50.9	497.5	-202.0	0.0084	0.0051	0.0140							
11604	418.4	-167.2	-1554.6	62.5	492.6	-224.2	0.0084	0.0051	0.0140							
11605	446.4	-162.6	-1444.7	51.1	501.8	-194.2	0.0084	0.0051	0.0140							
11606	442.5	-167.9	-1443.3	63.1	497.3	-216.2	0.0084	0.0051	0.0140							
11607	469.1	-159.7	-1305.5	51.0	507.0	-189.1	0.0084	0.0051	0.0140							
11608	465.2	-164.6	-1307.7	63.5	503.6	-211.4	0.0084	0.0051	0.0140							
11609	488.1	-155.9	-1141.6	51.9	510.9	-188.0	0.0084	0.0051	0.0140							
11610	483.0	-159.4	-1147.3	66.8	508.6	-211.3	0.0084	0.0051	0.0140							
11611	500.1	-158.6	-952.7	52.5	508.1	-191.9	0.0084	0.0051	0.0140							
11612	493.1	-161.0	-962.1	76.5	506.7	-216.8	0.0084	0.0051	0.0140							
11613	510.9	-179.8	-751.5	42.6	498.2	-201.4	0.0531	0.0051	0.0140							
11614	503.1	-183.2	-765.6	91.5	497.2	-226.7	0.0531	0.0051	0.0140							
11615	561.5	-214.5	-594.8	-20.9	526.4	-219.3	0.0531	0.0051	0.0140							
11616	566.0	-232.8	-619.0	106.5	522.2	-238.8	0.0531	0.0051	0.0140							
11617	751.8	-106.0	-543.9	-108.5	618.5	-201.5	0.0533	0.0153	0.0244	19.28	66.92	42.03	0.00	-1.13	-1.85	0.0
11618	810.2	-70.9	-561.9	142.3	578.3	-190.9	0.0534	0.0152	0.0244	19.22	67.28	41.98	0.00	-1.03	-1.87	0.0
11619	239.8	-93.3	-1981.2	9.9	174.7	-265.5	0.0084	0.0051	0.0022							
11620	235.4	-97.9	-1969.9	12.2	172.8	-290.5	0.0084	0.0051	0.0022							
11621	260.7	-93.7	-1946.4	15.5	249.1	-259.0	0.0084	0.0051	0.0022							
11622	256.2	-98.3	-1935.3	18.8	245.9	-283.3	0.0084	0.0051	0.0022							
11623	280.9	-95.5	-1907.0	21.3	312.8	-250.9	0.0084	0.0051	0.0022							
11624	276.2	-100.1	-1896.2	25.6	308.6	-274.2	0.0084	0.0051	0.0022							
11625	300.3	-98.6	-1862.7	27.0	363.8	-241.5	0.0084	0.0051	0.0022							
11626	295.3	-103.2	-1852.3	32.4	359.0	-263.7	0.0084	0.0051	0.0022							
11627	318.4	-102.9	-1812.4	32.7	401.8	-231.3	0.0084	0.0051	0.0022							
11628	313.3	-107.5	-1802.6	39.2	396.5	-252.4	0.0084	0.0051	0.0022							
11629	334.7	-108.0	-1755.2	37.9	428.0	-220.6	0.0084	0.0051	0.0022							
11630	329.6	-112.8	-1746.2	45.6	422.5	-240.6	0.0084	0.0051	0.0022							
11631	348.6	-113.7	-1689.4	42.6	445.9	-210.2	0.0084	0.0051	0.0057							
11632	343.7	-118.7	-1681.4	51.5	440.3	-229.2	0.0084	0.0051	0.0057							
11633	359.7	-119.4	-1611.8	46.4	459.0	-200.4	0.0084	0.0051	0.0057							
11634	355.1	-124.7	-1605.4	56.4	453.4	-218.6	0.0084	0.0051	0.0057							
11635	367.4	-124.6	-1516.1	49.4	468.4	-191.9	0.0084	0.0051	0.0140							
11636	363.3	-130.2	-1512.1	60.3	463.3	-209.6	0.0084	0.0051	0.0140							
11637	370.9	-128.9	-1396.9	51.8	473.4	-185.4	0.0084	0.0051	0.0140							
11638	367.4	-134.7	-1395.9	63.6	469.2	-202.9	0.0084	0.0051	0.0140							
11639	369.0	-133.2	-1255.3	54.4	471.8	-181.5	0.0084	0.0051	0.0140							
11640	365.5	-138.5	-1257.3	67.4	468.5	-199.5	0.0084	0.0051	0.0140							
11641	361.2	-140.5	-1096.5	58.3	459.5	-180.8	0.0084	0.0051	0.0140							
11642	356.7	-144.8	-1101.7	74.2	456.9	-199.7	0.0084	0.0051	0.0140							
11643	351.8	-157.3	-931.2	61.4	440.1	-183.5	0.0084	0.0051	0.0140							
11644	346.0	-161.3	-940.0	85.9	438.5	-203.3	0.0084	0.0051	0.0140							
11645	358.3	-189.8	-781.9	58.3	453.0	-191.3	0.0531	0.0051	0.0140							
11646	353.1	-194.7	-795.5	99.7	452.0	-209.4	0.0531	0.0051	0.0140							
11647	417.2	-230.3	-675.4	46.5	510.5	-213.6	0.0531	0.0051	0.0140							
11648	419.2	-247.4	-691.6	117.7	509.5	-225.5	0.0531	0.0051	0.0140							
11649	568.8	-183.5	-614.5	55.9	652.9	-187.1	0.0533	0.0154	0.0244	16.13	55.93	35.14	0.00	-0.99	-1.81	0.0
11650	613.5	-170.3	-655.9	150.9	634.3	-255.1	0.0534	0.0153	0.0244	16.45	57.54	35.92	0.00	-0.95	-1.90	0.0
11651	-228.1	-326.0	-2661.7	51.3	-878.4	-201.1	0.0086	0.0153	0.0127	10.04	5.62	6.79	0.00	-0.43	-3.04	0.0
11652	-227.3	-321.9	-2656.7	55.3	-872.0	-222.5	0.0087	0.0152	0.0127	10.33	5.89	7.07	0.00	-0.43	-3.04	0.0
11653	-303.3	-325.4	-2489.7	37.4	-992.5	-221.6	0.0084	0.0051	0.0022							
11654	-299.6	-322.3	-2488.3	37.8	-984.1	-248.0	0.0084	0.0051	0.0022							
11655	-370.8	-316.3	-2325.9	-37.6	-1022.7	-233.8	0.0084	0.0051	0.0022							
11656	-365.9	-314.7	-2326.9	-40.8	-1014.7	-262.9	0.0084	0.0051	0.0022							
11657	-373.2	-296.8	-2216.3	-48.8	-994.6	-240.4	0.0084	0.0051	0.0022							
11658	-368.5	-296.5	-2217.4	-54.7	-987.0	-270.4	0.0084	0.0051	0.0022							
11659	-337.5	-275.6	-2169.2	-55.0	-952.7	-247.0	0.0084	0.0051	0.0022							
11660	-333.3	-276.4	-2169.0	-62.4	-944.8	-277.6	0.0084	0.0051	0.0022							
11661	-279.3	-254.9	-2166.1	-57.8	-903.9	-254.6	0.0084	0.0051	0.0022							
11662	-276.1	-256.7	-2163.8	-65.9	-895.5	-285.8	0.0084	0.0051	0.0022							
11663	-209.1	-235.8	-2191.7	-57.9	-848.0	-263.1	0.0084	0.0051	0.0022							
11664	-206.9	-238.4	-2186.9	-66.1	-839.2	-295.2	0.0084	0.0051	0.0022							
11665	-134.0	-218.6	-2233.5	-55.9	-783.1	-272.2	0.0084	0.0051	0.0057							
11666	-132.9	-221.9	-2225.8	-63.7	-774.1	-305.0	0.0084	0.0051	0.0057							
11667	-59.4	-203.5	-2280.9	-52.2	-708.4	-281.1	0.0084	0.0051	0.0057							
11668	-59.4	-207.5	-2270.5	-59.4	-699.5	-314.7	0.0084	0.0051	0.0057							
11669	10.8	-190.6	-2326.1	-47.2	-624.1	-289.4	0.0084	0.0051	0.0057							
11670	9.6	-195.1	-2313.0	-53.5	-615.6	-323.6	0.0084	0.0051	0.0057							
11671	73.9	-179.8	-2363.0	-41.1	-531.0	-296.6	0.0084	0.0051	0.0022							
11672	71.7	-184.7	-2347.5	-46.5	-523.4	-331.3	0.0084	0.0051	0.0022							
11673	128.8	-170.9	-2387.6	-34.2	-430.9	-302.2	0.0084	0.0051	0.0022							
11674	125.8	-176.3	-2370.1	-38.7	-424.5	-337.3	0.0084	0.0051	0.0022							
11675	175.2	-164.0	-2397.6	-27.0	-325.9	-306.0	0.0084	0.0051	0.0022							
11676	171.5	-169.6	-2378.6	-30.5	-320.9	-341.1	0.0084	0.0051	0.0022							
11677	213.4	-158.7	-2392.1	-19.6	-218.4	-307.5	0.0084	0.0051	0.0022							
11678	209.1	-164.6	-2372.1	-22.3	-215.2	-342.6	0.0084	0.0051	0.0022							
11679	244.3	-155.1	-2370.9	-12.7	-111.3	-306.7	0.0084	0.0051	0.0022							
11680	239.6	-161.1	-2350.4	-14.5	-109.9	-341.4	0.0084	0.0051	0.0022							
11681	268.8	-152.9	-2334.8	8.7	64.7	-303.5	0.0084	0.0051	0.0022							
11682	263.9	-159.0	-2314.3	10.8	64.0	-337.7	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11683	-267.1	-426.9	-2932.7	63.0	-1055.6	-234.7	0.0086	0.0153	0.0127	15.65	8.75	10.57	0.00	-0.58	-3.45	0.0
11684	-263.7	-419.5	-2926.8	70.8	-1044.6	-259.6	0.0087	0.0152	0.0127	16.05	9.14	10.97	0.00	-0.58	-3.44	0.0
11685	-540.0	-425.3	-2564.7	-44.8	-1180.8	-257.2	0.0084	0.0051	0.0022							
11686	-533.4	-423.5	-2565.2	-48.1	-1171.6	-290.3	0.0084	0.0051	0.0022							
11687	-544.3	-374.4	-2271.0	-58.7	-1045.6	-249.0	0.0084	0.0051	0.0022							
11688	-538.8	-374.6	-2272.6	-66.5	-1039.4	-280.5	0.0084	0.0051	0.0022							
11689	-490.7	-332.4	-2137.8	-63.2	-939.5	-244.8	0.0084	0.0051	0.0022							
11690	-486.4	-333.5	-2138.6	-72.7	-933.8	-274.6	0.0084	0.0051	0.0022							
11691	-416.4	-295.9	-2077.6	-64.0	-858.5	-244.8	0.0084	0.0051	0.0022							
11692	-413.1	-297.7	-2077.2	-73.9	-852.5	-273.5	0.0084	0.0051	0.0022							
11693	-334.4	-264.7	-2062.3	-62.8	-792.5	-248.0	0.0084	0.0051	0.0022							
11694	-332.0	-267.1	-2060.2	-72.6	-786.0	-276.3	0.0084	0.0051	0.0022							
11695	-250.1	-238.0	-2074.2	-60.1	-732.7	-253.3	0.0084	0.0051	0.0022							
11696	-248.7	-240.9	-2070.1	-69.4	-725.6	-281.7	0.0084	0.0051	0.0022							
11697	-167.3	-215.2	-2101.3	-56.3	-672.8	-259.9	0.0084	0.0051	0.0022							
11698	-166.9	-218.5	-2095.2	-64.9	-665.3	-288.5	0.0084	0.0051	0.0022							
11699	-89.0	-195.8	-2134.6	-51.5	-608.7	-266.8	0.0084	0.0051	0.0057							
11700	-89.6	-199.6	-2126.4	-59.2	-601.2	-295.9	0.0084	0.0051	0.0057							
11701	-17.5	-179.6	-2167.0	-45.9	-538.1	-273.6	0.0084	0.0051	0.0057							
11702	-19.0	-183.8	-2156.9	-52.6	-530.9	-303.2	0.0084	0.0051	0.0057							
11703	45.8	-166.2	-2193.3	-39.6	-459.9	-279.6	0.0084	0.0051	0.0022							
11704	43.5	-170.7	-2181.4	-45.3	-453.3	-309.7	0.0084	0.0051	0.0022							
11705	100.3	-155.4	-2210.0	-32.9	-374.3	-284.4	0.0084	0.0051	0.0022							
11706	97.2	-160.1	-2196.7	-37.6	-368.7	-314.8	0.0084	0.0051	0.0022							
11707	146.0	-146.8	-2215.4	-26.0	-282.7	-287.6	0.0084	0.0051	0.0022							
11708	142.5	-151.8	-2200.9	-29.8	-278.3	-318.2	0.0084	0.0051	0.0022							
11709	184.1	-140.4	-2208.6	-19.3	-186.9	-288.9	0.0084	0.0051	0.0022							
11710	180.0	-145.6	-2193.4	-22.2	-184.0	-319.5	0.0084	0.0051	0.0022							
11711	215.5	-135.9	-2190.1	-12.9	-89.7	-288.2	0.0084	0.0051	0.0022							
11712	211.1	-141.2	-2174.6	-15.1	-88.4	-318.6	0.0084	0.0051	0.0022							
11713	241.7	-133.2	-2160.7	-7.2	75.6	-285.4	0.0084	0.0051	0.0022							
11714	237.1	-138.5	-2145.1	-8.6	75.0	-315.3	0.0084	0.0051	0.0022							
11715	-1123.4	-717.3	-3432.4	-107.7	-1795.7	-339.5	0.0086	0.0154	0.0127				-0.13	-0.69	-4.45	
11716	-1117.1	-715.9	-3434.6	-119.5	-1786.3	-389.2	0.0087	0.0153	0.0127				-0.13	-0.69	-4.45	
11717	-898.7	-489.0	-2365.5	-99.9	-1138.7	-259.5	0.0084	0.0051	0.0022							
11718	-892.5	-490.7	-2368.1	-114.6	-1134.3	-293.5	0.0084	0.0051	0.0022							
11719	-715.7	-396.1	-2143.9	-87.0	-912.0	-239.1	0.0084	0.0051	0.0022							
11720	-711.4	-398.5	-2144.5	-101.1	-907.9	-267.5	0.0084	0.0051	0.0022							
11721	-575.6	-330.6	-2029.8	-78.5	-787.6	-232.3	0.0084	0.0051	0.0022							
11722	-572.4	-333.1	-2029.7	-91.5	-783.2	-257.9	0.0084	0.0051	0.0022							
11723	-458.6	-281.5	-1980.3	-72.1	-708.7	-231.9	0.0084	0.0051	0.0022							
11724	-456.2	-284.1	-1979.2	-84.0	-703.7	-256.0	0.0084	0.0051	0.0022							
11725	-354.3	-242.5	-1966.1	-66.6	-650.9	-234.7	0.0084	0.0051	0.0022							
11726	-352.7	-245.3	-1964.0	-77.5	-645.3	-258.3	0.0084	0.0051	0.0022							
11727	-258.7	-210.6	-1974.0	-61.2	-602.6	-239.6	0.0084	0.0051	0.0022							
11728	-257.9	-213.6	-1970.5	-71.1	-596.4	-263.1	0.0084	0.0051	0.0022							
11729	-170.8	-184.4	-1994.0	-55.7	-556.4	-245.6	0.0084	0.0051	0.0022							
11730	-170.9	-187.6	-1989.1	-64.6	-549.9	-269.4	0.0084	0.0051	0.0022							
11731	-91.3	-162.6	-2018.4	-49.9	-507.7	-252.1	0.0084	0.0051	0.0057							
11732	-92.2	-166.0	-2012.1	-57.7	-501.0	-276.3	0.0084	0.0051	0.0057							
11733	-21.2	-144.7	-2041.2	-43.8	-453.1	-258.4	0.0084	0.0051	0.0057							
11734	-22.9	-148.3	-2033.5	-50.4	-446.6	-283.1	0.0084	0.0051	0.0057							
11735	38.9	-130.1	-2057.9	-37.4	-390.9	-264.2	0.0084	0.0051	0.0057							
11736	36.5	-133.9	-2049.0	-43.0	-384.9	-289.4	0.0084	0.0051	0.0057							
11737	89.1	-118.3	-2066.0	-30.9	-320.3	-268.8	0.0084	0.0051	0.0022							
11738	86.2	-122.3	-2056.2	-35.5	-315.2	-294.5	0.0084	0.0051	0.0022							
11739	130.5	-109.2	-2064.7	-24.5	-241.7	-272.0	0.0084	0.0051	0.0022							
11740	127.2	-113.3	-2054.2	-28.2	-237.7	-297.9	0.0084	0.0051	0.0022							
11741	164.4	-102.3	-2054.3	-18.3	-156.7	-273.3	0.0084	0.0051	0.0022							
11742	160.8	-106.6	-2043.3	-21.2	-154.1	-299.4	0.0084	0.0051	0.0022							
11743	192.9	-97.4	-2036.1	-12.6	-67.9	-272.7	0.0084	0.0051	0.0022							
11744	189.0	-101.9	-2024.8	-14.8	-66.8	-298.7	0.0084	0.0051	0.0022							
11745	217.5	-94.5	-2011.3	-7.6	92.5	-270.1	0.0084	0.0051	0.0022							
11746	213.4	-99.0	-2000.0	-9.1	92.0	-295.7	0.0084	0.0051	0.0022							
11747	274.4	-168.1	-2236.0	23.9	160.0	-376.4	0.0084	0.0051	0.0022							
11748	260.0	-183.2	-2198.5	29.3	153.8	-430.6	0.0084	0.0051	0.0022							
11749	242.4	-200.4	-2162.3	33.9	146.8	-480.5	0.0084	0.0051	0.0022							
11750	221.5	-219.5	-2129.0	37.6	139.0	-527.1	0.0084	0.0051	0.0022							
11751	290.5	-168.2	-2176.9	34.0	248.4	-367.1	0.0084	0.0051	0.0022							
11752	275.6	-183.0	-2141.7	41.3	239.0	-420.2	0.0084	0.0051	0.0022							
11753	257.2	-199.9	-2108.4	47.7	228.3	-469.4	0.0084	0.0051	0.0022							
11754	235.3	-218.6	-2078.1	52.8	216.8	-515.6	0.0084	0.0051	0.0022							
11755	305.2	-169.3	-2109.0	43.8	326.2	-355.7	0.0084	0.0051	0.0022							
11756	289.7	-183.7	-2077.0	53.1	314.2	-407.8	0.0084	0.0051	0.0022							
11757	270.4	-200.1	-2047.2	61.2	300.8	-456.4	0.0084	0.0051	0.0022							
11758	247.4	-218.4	-2020.7	67.7	286.5	-502.2	0.0084	0.0051	0.0022							
11759	320.1	-171.3	-2034.3	53.0	392.4	-342.8	0.0084	0.0051	0.0022							
11760	303.8	-185.2	-2006.1	64.4	378.6	-393.9	0.0084	0.0051	0.0022							
11761	283.4	-201.1	-1980.4	74.3	363.4	-441.9	0.0084	0.0051	0.0022							
11762	259.0	-218.8	-1958.4	82.5	347.3	-487.5	0.0084	0.0051	0.0022							
11763	336.6	-174.3	-1954.3	61.5	446.6	-328.7	0.0084	0.0051	0.0022							
11764	319.5	-187.5	-1930.3	75.1	431.9	-378.9	0.0084	0.0051	0.0022							
11765	297.7	-202.7	-1909.3	87.1	415.9	-426.4	0.0084	0.0051	0.0022							
11766	271.3	-219.7	-1892.2	97.0	399.0	-471.9	0.0084	0.0051	0.0022							
11767	355.7	-178.1	-1870.3	69.0	489.1	-314.1	0.0084	0.0051	0.0022							
11768	337.7	-190.5	-1850.9	84.9	474.3	-363.4	0.0084	0.0051	0.0022							
11769	314.2	-204.9	-1834.9	99.3	458.4	-410.5	0.0084	0.0051	0.0022							
11770	285.4	-221.1	-1823.3	111.3	441.6	-456.0	0.0084	0.0051	0.0057							
11771	378.4	-182.6	-1783.0	75.1	520.0	-299.4	0.0084	0.0051	0.0057							
11772	359.6	-194.1	-1768.6	93.5	505.9	-347.8	0.0084	0.0051	0.0057							
11773	334.3	-207.6	-1758.1	110.6	490.9	-394.6	0.0084	0.0051	0.0057							
11774	302.6	-222.9	-1752.5	125.3	475.3	-440.3	0.0084	0.0051	0.0057							
11775	406.0	-187.2	-1693.1	79.3	539.3	-285.1	0.0084	0.0051	0.0057							
11776	386.8	-198.1	-1684.1	100.3	526.5	-332.8	0.0084	0.0051	0.0057							
11777	359.7	-210.8	-1679.7	120.5	513.3	-379.3	0.0084	0.0051	0.0057							
11778	324.5	-224.9	-1680.6	138.4	499.7	-425.0	0.0084	0.0051	0.0057							
11779	440.1	-190.4	-1600.1	80.8	546.7	-271.7	0.0084	0.0051	0.0057							
11780	421.1	-201.5	-1597.3	104.2	535.9	-318.7	0.0084	0.0051	0.0057							
11781	392.7	-213.7	-1599.8	128.0	525.2	-364.9	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11782	353.7	-226.8	-1608.3	150.2	514.7	-410.7	0.0084	0.0051	0.0057							
11783	482.3	-189.4	-1499.0	79.2	542.3	-259.8	0.0084	0.0051	0.0140							
11784	464.7	-202.1	-1504.6	104.0	533.7	-306.2	0.0084	0.0051	0.0140							
11785	436.5	-215.3	-1516.4	131.4	526.1	-352.0	0.0084	0.0051	0.0140							
11786	393.9	-227.9	-1534.6	159.1	519.7	-397.8	0.0084	0.0051	0.0140							
11787	533.9	-179.9	-1381.4	74.7	526.9	-250.6	0.0084	0.0051	0.0140							
11788	518.8	-195.0	-1398.3	98.6	520.6	-296.4	0.0084	0.0051	0.0140							
11789	493.7	-212.2	-1423.2	128.0	516.2	-341.5	0.0084	0.0051	0.0140							
11790	449.8	-226.8	-1455.3	162.8	514.4	-386.7	0.0084	0.0051	0.0140							
11791	594.4	-159.4	-1242.1	70.3	507.7	-246.2	0.0084	0.0051	0.0140							
11792	581.0	-172.8	-1271.2	89.1	502.9	-291.8	0.0084	0.0051	0.0140							
11793	563.8	-195.8	-1311.7	115.0	499.3	-335.4	0.0084	0.0051	0.0140							
11794	526.1	-219.1	-1362.3	156.4	500.2	-378.4	0.0084	0.0051	0.0140							
11795	661.5	-130.9	-1074.4	74.0	513.4	-249.0	0.0084	0.0051	0.0140							
11796	641.5	-130.7	-1115.0	83.4	511.8	-295.6	0.0084	0.0051	0.0140							
11797	635.9	-151.1	-1171.6	92.2	504.5	-336.7	0.0084	0.0051	0.0140							
11798	622.1	-191.4	-1244.1	131.7	492.0	-374.5	0.0084	0.0051	0.0140							
11799	731.1	-105.3	-862.9	96.7	540.0	-259.7	0.0531	0.0051	0.0140							
11800	679.5	-77.2	-914.0	100.7	548.2	-311.0	0.0084	0.0051	0.0140							
11801	677.7	-69.3	-984.9	73.0	545.3	-349.0	0.0084	0.0051	0.0140							
11802	718.5	-113.8	-1079.5	81.8	524.4	-376.5	0.0084	0.0051	0.0140							
11803	796.2	-86.9	-612.2	151.3	547.6	-269.0	0.0531	0.0051	0.0140							
11804	659.2	-32.9	-670.2	145.8	574.8	-326.8	0.0531	0.0051	0.0140							
11805	637.5	2.5	-752.0	80.2	586.8	-380.1	0.0531	0.0051	0.0140							
11806	765.2	20.9	-852.0	25.9	566.9	-380.0	0.0531	0.0051	0.0140							
11807	799.9	34.4	-486.6	218.6	478.3	-242.7	0.0536	0.0150	0.0244	18.25	64.99	40.01	0.00	-0.85	-1.74	0.0
11808	528.8	-39.4	-604.5	-114.3	526.8	-337.5	0.0539	0.0147	0.0244	14.89	54.47	32.83	0.00	-0.82	-1.70	0.0
11809	516.6	-58.5	-690.2	-100.2	532.7	-418.9	0.0543	0.0143	0.0244	14.62	55.32	32.47	0.00	-0.79	-1.82	0.0
11810	722.1	22.8	-754.5	-60.1	544.6	-549.6	0.0547	0.0139	0.0244	17.65	69.52	39.53	0.00	-0.79	-2.12	0.0
11811	250.6	-146.7	-2084.0	19.8	161.0	-349.0	0.0084	0.0051	0.0022							
11812	236.7	-161.4	-2055.4	24.5	155.6	-396.5	0.0084	0.0051	0.0022							
11813	219.5	-179.1	-2027.5	28.7	149.4	-440.1	0.0084	0.0051	0.0022							
11814	199.1	-199.9	-2001.2	32.2	142.7	-480.5	0.0084	0.0051	0.0022							
11815	270.0	-146.9	-2037.8	29.0	240.0	-340.5	0.0084	0.0051	0.0022							
11816	255.4	-161.5	-2010.5	35.8	231.7	-387.0	0.0084	0.0051	0.0022							
11817	237.3	-179.1	-1984.3	41.8	222.2	-430.0	0.0084	0.0051	0.0022							
11818	215.8	-199.6	-1960.1	47.0	212.0	-470.0	0.0084	0.0051	0.0022							
11819	288.1	-148.5	-1984.7	38.3	309.0	-330.1	0.0084	0.0051	0.0022							
11820	272.8	-162.8	-1959.4	47.1	298.3	-375.6	0.0084	0.0051	0.0022							
11821	253.6	-180.1	-1935.4	55.0	286.4	-417.9	0.0084	0.0051	0.0022							
11822	230.7	-200.3	-1913.6	61.8	273.6	-457.6	0.0084	0.0051	0.0022							
11823	305.9	-151.2	-1925.6	47.3	366.6	-318.2	0.0084	0.0051	0.0022							
11824	289.7	-165.3	-1902.6	58.3	354.4	-362.6	0.0084	0.0051	0.0022							
11825	269.3	-182.3	-1881.4	68.2	340.9	-404.3	0.0084	0.0051	0.0022							
11826	244.8	-202.1	-1862.6	76.9	326.5	-443.8	0.0084	0.0051	0.0022							
11827	324.0	-155.2	-1861.1	56.0	412.0	-305.3	0.0084	0.0051	0.0022							
11828	306.9	-168.9	-1841.0	69.2	399.2	-348.7	0.0084	0.0051	0.0022							
11829	285.0	-185.5	-1822.9	81.4	385.2	-389.8	0.0084	0.0051	0.0022							
11830	258.6	-205.0	-1807.7	92.1	370.3	-429.2	0.0084	0.0051	0.0022							
11831	342.9	-160.1	-1791.7	63.9	445.5	-291.9	0.0084	0.0051	0.0022							
11832	324.9	-173.6	-1774.9	79.7	432.8	-334.4	0.0084	0.0051	0.0022							
11833	301.6	-189.8	-1760.5	94.5	419.2	-375.0	0.0084	0.0051	0.0022							
11834	272.9	-208.8	-1749.3	107.5	404.9	-414.5	0.0084	0.0051	0.0057							
11835	363.0	-165.8	-1717.7	70.9	467.5	-278.8	0.0084	0.0051	0.0057							
11836	344.6	-179.1	-1704.6	89.3	455.7	-320.3	0.0084	0.0051	0.0057							
11837	319.8	-195.0	-1694.5	107.0	443.2	-360.7	0.0084	0.0051	0.0057							
11838	288.7	-213.5	-1688.1	122.8	430.5	-400.3	0.0084	0.0051	0.0057							
11839	385.0	-171.7	-1638.5	76.3	479.6	-266.4	0.0084	0.0051	0.0057							
11840	366.5	-185.1	-1630.0	97.5	468.9	-307.3	0.0084	0.0051	0.0057							
11841	340.7	-201.0	-1625.1	118.4	458.2	-347.4	0.0084	0.0051	0.0057							
11842	307.0	-219.1	-1624.4	137.7	447.8	-387.2	0.0084	0.0051	0.0057							
11843	409.0	-176.4	-1550.3	79.7	485.1	-255.6	0.0084	0.0051	0.0057							
11844	391.4	-190.9	-1548.1	103.3	475.0	-295.9	0.0084	0.0051	0.0057							
11845	365.4	-207.4	-1550.4	127.7	465.6	-335.9	0.0084	0.0051	0.0057							
11846	329.4	-225.4	-1557.4	151.4	457.8	-376.1	0.0084	0.0051	0.0057							
11847	434.2	-178.0	-1445.0	81.0	490.3	-247.3	0.0084	0.0051	0.0140							
11848	418.6	-194.3	-1452.0	105.9	480.2	-287.4	0.0084	0.0051	0.0140							
11849	394.4	-212.9	-1464.9	133.5	469.9	-327.4	0.0084	0.0051	0.0140							
11850	357.5	-231.8	-1483.4	162.6	462.7	-368.0	0.0084	0.0051	0.0140							
11851	457.5	-174.2	-1316.0	81.2	498.2	-242.9	0.0084	0.0051	0.0140							
11852	444.7	-192.1	-1333.8	105.1	489.9	-283.5	0.0084	0.0051	0.0140							
11853	425.7	-214.7	-1360.6	133.8	479.3	-323.5	0.0084	0.0051	0.0140							
11854	391.9	-237.2	-1395.4	168.8	468.4	-364.2	0.0084	0.0051	0.0140							
11855	472.3	-165.0	-1161.9	84.9	505.4	-244.4	0.0084	0.0051	0.0140							
11856	460.1	-179.4	-1190.4	103.6	501.0	-286.8	0.0084	0.0051	0.0140							
11857	451.1	-206.3	-1232.1	126.8	494.4	-327.4	0.0084	0.0051	0.0140							
11858	430.1	-238.1	-1286.8	165.6	482.9	-367.2	0.0084	0.0051	0.0140							
11859	469.7	-157.0	-982.7	101.7	505.1	-253.0	0.0084	0.0051	0.0140							
11860	445.3	-154.5	-1020.7	111.7	505.0	-300.0	0.0084	0.0051	0.0140							
11861	448.6	-176.7	-1076.8	113.0	506.5	-343.4	0.0084	0.0051	0.0140							
11862	461.6	-224.2	-1153.5	144.7	503.2	-382.1	0.0084	0.0051	0.0140							
11863	446.6	-165.6	-792.5	142.9	496.1	-266.4	0.0531	0.0051	0.0140							
11864	373.4	-131.7	-839.0	149.5	501.3	-323.2	0.0531	0.0051	0.0140							
11865	375.5	-119.5	-904.8	104.2	513.4	-375.3	0.0084	0.0051	0.0140							
11866	459.0	-172.6	-999.7	93.7	522.8	-414.7	0.0084	0.0051	0.0140							
11867	414.8	-191.8	-660.0	218.4	522.9	-275.1	0.0531	0.0051	0.0140							
11868	219.9	-133.4	-725.9	210.4	528.1	-347.1	0.0531	0.0051	0.0140							
11869	182.6	-104.2	-798.0	116.9	555.2	-434.0	0.0531	0.0051	0.0140							
11870	373.3	-75.9	-875.8	32.9	579.3	-469.5	0.0531	0.0051	0.0140							
11871	341.8	-67.2	-724.0	309.0	516.2	-300.7	0.0535	0.0151	0.0244	11.27	40.08	24.70	0.00	-0.57	-1.69	0.0
11872	-67.1	-197.6	-915.0	100.7	487.8	-357.6	0.0539	0.0148	0.0244	3.11	11.35	6.86	0.00	-0.25	-1.43	0.0
11873	-93.1	-230.9	-1004.4	84.7	465.0	-427.2	0.0542	0.0144	0.0244	2.50	9.41	5.54	0.00	-0.24	-1.50	0.0
11874	187.6	-208.8	-969.9	-83.9	592.0	-648.6	0.0547	0.0140	0.0244	11.09	43.41	24.80	0.00	-0.72	-2.09	0.0
11875	227.6	-106.1	-1953.9	15.3	169.4	-323.9	0.0084	0.0051	0.0022							
11876	215.2	-119.6	-1933.5	19.3	164.3	-363.9	0.0084	0.0051	0.0022							
11877	199.7	-136.5	-1913.8	23.0	158.5	-400.0	0.0084	0.0051	0.0022							
11878	181.3	-157.0	-1895.0	26.4	152.1	-432.4	0.0084	0.0051	0.0022							
11879	248.0	-106.6	-1919.6	23.4	240.5	-315.7	0.0084	0.0051	0.0022							
11880	234.7	-120.1	-1899.7	29.2	232.5	-354.8	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11881	218.3	-137.0	-1880.7	34.6	223.4	-390.2	0.0084	0.0051	0.0022							
11882	198.7	-157.3	-1862.8	39.6	213.5	-422.3	0.0084	0.0051	0.0022							
11883	267.4	-108.4	-1881.0	31.6	301.6	-305.5	0.0084	0.0051	0.0022							
11884	253.3	-122.0	-1861.9	39.3	291.3	-343.5	0.0084	0.0051	0.0022							
11885	235.7	-138.8	-1843.7	46.6	279.7	-378.2	0.0084	0.0051	0.0022							
11886	214.7	-159.1	-1826.9	53.3	267.2	-410.0	0.0084	0.0051	0.0022							
11887	286.1	-111.6	-1837.8	40.1	350.9	-293.8	0.0084	0.0051	0.0022							
11888	271.0	-125.2	-1819.6	49.8	339.1	-330.5	0.0084	0.0051	0.0022							
11889	252.2	-142.0	-1802.6	59.1	326.0	-364.5	0.0084	0.0051	0.0022							
11890	229.4	-162.2	-1787.2	67.6	311.9	-396.0	0.0084	0.0051	0.0022							
11891	303.6	-116.0	-1789.0	48.5	387.9	-281.1	0.0084	0.0051	0.0022							
11892	287.7	-129.7	-1772.2	60.5	375.4	-316.6	0.0084	0.0051	0.0022							
11893	267.5	-146.5	-1756.7	71.9	361.7	-349.8	0.0084	0.0051	0.0022							
11894	243.0	-166.6	-1743.2	82.5	347.2	-381.1	0.0084	0.0051	0.0022							
11895	319.7	-121.4	-1733.8	56.7	413.6	-268.1	0.0084	0.0051	0.0022							
11896	303.1	-135.4	-1718.8	71.1	400.9	-302.4	0.0084	0.0051	0.0022							
11897	281.7	-152.4	-1705.7	85.1	387.2	-334.9	0.0084	0.0051	0.0057							
11898	255.3	-172.4	-1694.7	98.0	373.1	-366.1	0.0084	0.0051	0.0057							
11899	333.9	-127.7	-1670.9	64.4	431.1	-255.5	0.0084	0.0051	0.0057							
11900	317.1	-142.1	-1658.6	81.4	418.1	-288.7	0.0084	0.0051	0.0057							
11901	294.8	-159.4	-1648.6	98.3	404.5	-320.7	0.0084	0.0051	0.0057							
11902	266.7	-179.5	-1641.3	114.0	391.1	-351.8	0.0084	0.0051	0.0057							
11903	345.8	-134.3	-1597.6	71.1	444.3	-244.0	0.0084	0.0051	0.0057							
11904	329.5	-149.6	-1589.5	90.9	431.0	-276.2	0.0084	0.0051	0.0057							
11905	307.0	-167.5	-1584.2	110.8	416.7	-307.8	0.0084	0.0051	0.0057							
11906	277.6	-188.0	-1582.1	129.8	403.1	-339.0	0.0084	0.0051	0.0057							
11907	355.1	-140.6	-1508.5	76.6	454.9	-234.3	0.0084	0.0051	0.0140							
11908	340.1	-157.2	-1506.9	98.7	442.3	-266.0	0.0084	0.0051	0.0140							
11909	318.5	-176.5	-1509.1	121.9	427.7	-297.3	0.0084	0.0051	0.0057							
11910	288.6	-197.8	-1515.1	144.9	412.8	-328.7	0.0084	0.0051	0.0022							
11911	360.3	-145.6	-1397.7	80.9	462.2	-227.6	0.0084	0.0051	0.0140							
11912	347.6	-163.9	-1404.8	104.6	451.6	-259.2	0.0084	0.0051	0.0140							
11913	328.6	-185.6	-1417.6	130.7	438.4	-290.3	0.0084	0.0051	0.0140							
11914	299.8	-208.8	-1435.7	158.3	423.0	-321.9	0.0084	0.0051	0.0140							
11915	358.7	-148.8	-1264.9	85.5	463.4	-224.8	0.0084	0.0051	0.0140							
11916	348.3	-168.0	-1281.2	109.1	456.1	-257.2	0.0084	0.0051	0.0140							
11917	334.5	-193.3	-1306.2	136.0	446.7	-288.8	0.0084	0.0051	0.0140							
11918	310.5	-220.6	-1339.6	168.4	433.7	-320.3	0.0084	0.0051	0.0140							
11919	346.8	-151.9	-1114.8	94.2	453.4	-226.8	0.0084	0.0051	0.0140							
11920	335.7	-168.0	-1139.9	114.9	450.2	-262.1	0.0084	0.0051	0.0140							
11921	329.6	-196.4	-1176.5	137.6	448.0	-295.7	0.0084	0.0051	0.0140							
11922	317.7	-231.7	-1225.9	172.6	442.5	-327.3	0.0084	0.0051	0.0140							
11923	325.4	-161.3	-959.3	113.5	436.8	-233.0	0.0084	0.0051	0.0140							
11924	302.4	-165.1	-992.9	129.8	438.5	-274.5	0.0084	0.0051	0.0140							
11925	302.7	-190.5	-1038.6	137.1	444.8	-315.3	0.0084	0.0051	0.0140							
11926	315.9	-238.4	-1100.9	167.0	451.4	-349.7	0.0084	0.0051	0.0140							
11927	309.5	-187.3	-826.0	147.7	454.1	-241.2	0.0531	0.0051	0.0140							
11928	249.7	-172.4	-872.3	164.7	462.2	-292.7	0.0531	0.0051	0.0140							
11929	242.7	-177.5	-922.8	143.0	473.8	-349.8	0.0531	0.0051	0.0140							
11930	298.8	-232.8	-986.9	146.5	484.2	-398.3	0.0084	0.0051	0.0140							
11931	326.1	-221.1	-750.0	196.4	512.1	-253.9	0.0531	0.0051	0.0140							
11932	202.2	-202.6	-835.8	203.9	521.8	-322.9	0.0531	0.0051	0.0140							
11933	162.9	-211.4	-891.3	166.9	537.4	-405.2	0.0531	0.0051	0.0140							
11934	265.5	-219.9	-926.6	128.0	552.6	-474.7	0.0531	0.0051	0.0140							
11935	380.8	-209.2	-765.4	268.1	676.4	-415.3	0.0535	0.0151	0.0244	13.08	46.44	28.66	0.00	-0.70	-2.00	0.0
11936	170.9	-287.0	-893.5	184.7	729.8	-478.7	0.0538	0.0148	0.0244	10.14	36.91	22.34	0.00	-0.62	-2.03	0.0
11937	135.9	-330.9	-1004.4	179.3	713.9	-543.7	0.0542	0.0144	0.0244	9.01	33.81	19.97	0.00	-0.57	-2.09	0.0
11938	225.4	-389.7	-986.2	155.8	722.1	-659.5	0.0546	0.0140	0.0244	10.76	41.92	24.04	0.00	-0.66	-2.26	0.0
11939	-225.5	-316.1	-2652.4	60.6	-860.5	-254.8	0.0089	0.0150	0.0127	10.68	6.31	7.47	0.00	-0.44	-3.04	0.0
11940	-223.1	-306.6	-2651.7	64.2	-844.5	-299.2	0.0092	0.0147	0.0127	10.96	6.85	7.94	0.00	-0.44	-3.04	0.0
11941	-222.6	-294.9	-2657.9	65.5	-829.6	-344.6	0.0096	0.0143	0.0127	11.06	7.39	8.34	0.00	-0.44	-3.06	0.0
11942	-224.0	-281.3	-2668.5	65.9	-816.2	-387.5	0.0100	0.0139	0.0127	11.06	7.99	8.74	0.00	-0.43	-3.07	0.0
11943	-293.8	-317.3	-2490.5	37.5	-970.6	-287.0	0.0084	0.0051	0.0022							
11944	-285.9	-310.2	-2498.9	36.4	-951.5	-338.1	0.0084	0.0051	0.0022							
11945	-277.8	-300.8	-2514.0	34.7	-930.3	-388.0	0.0084	0.0051	0.0022							
11946	-269.4	-289.6	-2534.4	34.1	-906.2	-434.7	0.0084	0.0051	0.0022							
11947	-357.9	-312.3	-2332.9	-45.2	-1001.6	-305.0	0.0084	0.0051	0.0022							
11948	-346.7	-309.2	-2346.6	-50.3	-982.6	-359.9	0.0084	0.0051	0.0022							
11949	-334.3	-305.3	-2367.7	-53.6	-960.8	-413.7	0.0084	0.0051	0.0022							
11950	-320.6	-300.4	-2395.1	-54.5	-935.6	-465.8	0.0084	0.0051	0.0022							
11951	-360.6	-296.4	-2223.5	-62.6	-974.2	-313.5	0.0084	0.0051	0.0022							
11952	-349.4	-297.1	-2237.1	-71.7	-955.5	-369.4	0.0084	0.0051	0.0022							
11953	-336.7	-297.9	-2258.0	-78.7	-934.0	-424.6	0.0084	0.0051	0.0022							
11954	-322.8	-298.8	-2285.5	-82.8	-909.4	-478.8	0.0084	0.0051	0.0022							
11955	-326.5	-278.3	-2172.7	-72.3	-931.5	-321.2	0.0084	0.0051	0.0022							
11956	-316.7	-282.0	-2182.6	-83.8	-911.9	-377.5	0.0084	0.0051	0.0022							
11957	-305.8	-286.8	-2199.1	-92.9	-889.7	-433.0	0.0084	0.0051	0.0022							
11958	-294.0	-292.2	-2222.0	-99.3	-864.6	-487.7	0.0084	0.0051	0.0022							
11959	-270.7	-260.2	-2163.7	-76.6	-881.5	-330.1	0.0084	0.0051	0.0022							
11960	-263.2	-266.5	-2167.9	-89.2	-860.7	-386.7	0.0084	0.0051	0.0022							
11961	-255.2	-274.4	-2177.8	-99.3	-837.3	-442.2	0.0084	0.0051	0.0022							
11962	-246.8	-283.3	-2193.4	-106.8	-811.2	-496.5	0.0084	0.0051	0.0022							
11963	-203.4	-243.3	-2182.3	-76.9	-824.4	-340.1	0.0084	0.0051	0.0022							
11964	-198.7	-251.7	-2179.7	-89.5	-802.7	-397.2	0.0084	0.0051	0.0022							
11965	-194.1	-262.0	-2181.8	-99.9	-778.3	-452.5	0.0084	0.0051	0.0022							
11966	-189.7	-273.8	-2188.8	-107.8	-751.5	-506.3	0.0084	0.0051	0.0022							
11967	-131.4	-228.0	-2216.4	-74.1	-759.1	-350.7	0.0084	0.0051	0.0057							
11968	-129.9	-238.2	-2206.6	-86.2	-737.0	-408.2	0.0084	0.0051	0.0057							
11969	-128.9	-250.5	-2200.4	-96.2	-712.3	-463.3	0.0084	0.0051	0.0057							
11970	-128.7	-264.6	-2198.5	-103.9	-685.5	-516.5	0.0084	0.0051	0.0057							
11971	-60.0	-214.6	-2256.3	-68.9	-684.7	-361.0	0.0084	0.0051	0.0057							
11972	-61.5	-226.2	-2239.4	-79.9	-663.1	-418.9	0.0084	0.0051	0.0057							
11973	-64.2	-240.1	-2225.2	-89.2	-639.0	-473.8	0.0084	0.0051	0.0057							
11974	-68.2	-255.9	-2214.6	-96.4	-613.1	-526.3	0.0084	0.0051	0.0057							
11975	7.1	-203.1	-2294.3	-61.9	-601.6	-370.6	0.0084	0.0051	0.0057							
11976	2.7	-215.8	-2270.9	-71.6	-581.3	-428.6	0.0084	0.0051	0.0057							
11977	-3.4	-231.0	-2249.4	-79.9	-558.9	-483.2	0.0084	0.0051	0.0057							
11978	-11.2	-248.1	-2231.0	-86.4	-534.8	-534.9	0.0084	0.0051	0.0057							
11979	67.6	-193.5	-2324.9	-53.6	-510.9	-378.7	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11980	60.5	-207.1	-2295.8	-62.0	-492.7	-436.7	0.0084	0.0051	0.0022							
11981	51.5	-223.2	-2268.2	-69.1	-472.9	-490.8	0.0084	0.0051	0.0057							
11982	40.4	-241.3	-2243.2	-74.9	-451.7	-541.7	0.0084	0.0051	0.0057							
11983	120.1	-185.6	-2344.3	-44.5	-414.0	-384.8	0.0084	0.0051	0.0022							
11984	111.0	-200.0	-2310.7	-51.5	-398.9	-442.6	0.0084	0.0051	0.0022							
11985	99.5	-216.7	-2278.2	-57.6	-382.5	-496.2	0.0084	0.0051	0.0022							
11986	85.7	-235.5	-2248.1	-62.6	-365.0	-546.1	0.0084	0.0051	0.0022							
11987	164.7	-179.4	-2350.4	-35.2	-313.0	-388.5	0.0084	0.0051	0.0022							
11988	153.8	-194.2	-2313.6	-40.8	-301.6	-445.9	0.0084	0.0051	0.0022							
11989	140.4	-211.4	-2277.6	-45.8	-289.2	-498.8	0.0084	0.0051	0.0022							
11990	124.4	-230.6	-2244.0	-50.1	-276.2	-548.0	0.0084	0.0051	0.0022							
11991	201.5	-174.6	-2342.4	-25.9	-210.0	-389.6	0.0084	0.0051	0.0022							
11992	189.3	-189.8	-2303.6	-30.3	-202.8	-446.4	0.0084	0.0051	0.0022							
11993	174.4	-207.2	-2265.6	-34.3	-195.0	-498.6	0.0084	0.0051	0.0022							
11994	156.7	-226.6	-2230.0	-37.7	-186.8	-547.0	0.0084	0.0051	0.0022							
11995	231.3	-171.3	-2320.2	-17.1	-107.8	-387.9	0.0084	0.0051	0.0022							
11996	218.2	-186.5	-2280.6	-20.3	-104.9	-444.0	0.0084	0.0051	0.0022							
11997	202.2	-204.0	-2242.1	-23.2	-101.8	-495.4	0.0084	0.0051	0.0022							
11998	183.2	-223.5	-2205.9	-25.9	-98.7	-543.1	0.0084	0.0051	0.0022							
11999	255.2	-169.1	-2284.3	13.6	62.6	-383.5	0.0084	0.0051	0.0022							
12000	241.4	-184.4	-2245.3	17.0	60.5	-438.6	0.0084	0.0051	0.0022							
12001	224.5	-201.8	-2207.4	20.0	57.7	-489.3	0.0084	0.0051	0.0022							
12002	204.5	-221.1	-2172.0	22.2	54.5	-536.4	0.0084	0.0051	0.0022							
12003	-259.9	-414.3	-2922.0	79.0	-1026.5	-300.1	0.0089	0.0151	0.0127	16.30	9.60	11.37	0.00	-0.59	-3.44	0.0
12004	-254.9	-405.7	-2921.3	85.9	-1002.0	-358.0	0.0092	0.0148	0.0127	16.51	10.26	11.92	0.00	-0.60	-3.44	0.0
12005	-250.6	-393.2	-2928.2	88.8	-978.6	-418.3	0.0095	0.0144	0.0127	16.62	11.03	12.48	0.00	-0.59	-3.45	0.0
12006	-247.0	-373.3	-2938.5	95.0	-956.6	-470.6	0.0100	0.0140	0.0127	16.99	12.14	13.33	0.00	-0.59	-3.47	0.0
12007	-524.1	-421.7	-2568.9	-53.9	-1156.5	-339.3	0.0084	0.0051	0.0022							
12008	-512.1	-421.5	-2579.6	-62.9	-1136.1	-405.5	0.0084	0.0051	0.0022							
12009	-499.2	-419.9	-2599.5	-71.0	-1115.4	-471.8	0.0084	0.0051	0.0022							
12010	-484.5	-415.7	-2627.4	-73.7	-1092.4	-534.3	0.0084	0.0051	0.0022							
12011	-530.7	-375.6	-2278.4	-77.8	-1028.9	-326.4	0.0084	0.0051	0.0022							
12012	-519.9	-379.0	-2291.7	-92.6	-1014.2	-387.3	0.0084	0.0051	0.0022							
12013	-507.9	-383.2	-2313.4	-105.3	-999.0	-448.4	0.0084	0.0051	0.0022							
12014	-494.1	-388.1	-2343.4	-114.4	-982.5	-509.5	0.0084	0.0051	0.0022							
12015	-479.7	-336.0	-2143.2	-85.8	-924.0	-317.5	0.0084	0.0051	0.0022							
12016	-470.5	-341.7	-2154.3	-102.5	-910.1	-374.0	0.0084	0.0051	0.0022							
12017	-460.5	-349.4	-2172.7	-117.1	-895.6	-430.8	0.0084	0.0051	0.0022							
12018	-449.5	-359.1	-2198.2	-128.9	-880.4	-488.4	0.0084	0.0051	0.0022							
12019	-407.8	-301.4	-2079.6	-87.5	-842.2	-314.6	0.0084	0.0051	0.0022							
12020	-400.6	-308.9	-2087.2	-104.5	-827.3	-368.2	0.0084	0.0051	0.0022							
12021	-393.0	-319.1	-2101.0	-119.6	-811.7	-421.8	0.0084	0.0051	0.0022							
12022	-385.1	-331.8	-2120.8	-132.2	-795.4	-476.0	0.0084	0.0051	0.0022							
12023	-328.2	-271.8	-2059.7	-86.0	-774.7	-316.5	0.0084	0.0051	0.0022							
12024	-323.2	-280.8	-2062.7	-102.5	-758.4	-368.3	0.0084	0.0051	0.0022							
12025	-318.4	-292.8	-2070.8	-117.2	-741.2	-419.7	0.0084	0.0051	0.0022							
12026	-313.8	-307.8	-2084.1	-129.7	-723.1	-471.2	0.0084	0.0051	0.0022							
12027	-246.5	-246.5	-2066.2	-82.1	-713.5	-321.6	0.0084	0.0051	0.0022							
12028	-244.1	-256.7	-2063.9	-97.7	-695.9	-372.4	0.0084	0.0051	0.0022							
12029	-242.3	-270.2	-2065.9	-111.6	-677.1	-422.2	0.0084	0.0051	0.0022							
12030	-241.2	-286.9	-2072.1	-123.4	-657.3	-471.6	0.0084	0.0051	0.0022							
12031	-166.5	-224.9	-2087.6	-76.6	-652.7	-328.5	0.0084	0.0051	0.0057							
12032	-166.8	-236.2	-2079.9	-90.9	-634.2	-378.9	0.0084	0.0051	0.0057							
12033	-168.1	-250.9	-2075.4	-103.6	-614.4	-427.7	0.0084	0.0051	0.0057							
12034	-170.6	-268.9	-2074.5	-114.5	-593.5	-475.3	0.0084	0.0051	0.0022							
12035	-91.0	-206.7	-2115.2	-69.7	-588.5	-336.2	0.0084	0.0051	0.0057							
12036	-93.8	-218.9	-2102.1	-82.4	-569.9	-386.5	0.0084	0.0051	0.0057							
12037	-98.2	-234.6	-2091.5	-93.8	-549.8	-434.5	0.0084	0.0051	0.0057							
12038	-104.2	-253.6	-2083.7	-103.6	-528.7	-480.8	0.0084	0.0051	0.0057							
12039	-22.0	-191.4	-2142.4	-61.7	-518.6	-343.9	0.0084	0.0051	0.0057							
12040	-27.3	-204.4	-2124.3	-72.8	-500.8	-394.1	0.0084	0.0051	0.0057							
12041	-34.5	-220.8	-2108.1	-82.8	-481.5	-441.5	0.0084	0.0051	0.0057							
12042	-43.7	-240.7	-2094.2	-91.5	-461.0	-486.6	0.0084	0.0051	0.0057							
12043	39.0	-178.8	-2164.0	-53.1	-442.1	-350.6	0.0084	0.0051	0.0022							
12044	31.6	-192.4	-2141.8	-62.5	-426.0	-400.9	0.0084	0.0051	0.0022							
12045	21.9	-209.4	-2120.8	-71.1	-408.4	-447.8	0.0084	0.0051	0.0057							
12046	10.0	-229.9	-2101.8	-78.6	-389.7	-491.9	0.0084	0.0051	0.0057							
12047	91.6	-168.7	-2177.0	-44.0	-359.2	-356.0	0.0084	0.0051	0.0022							
12048	82.3	-182.7	-2151.4	-51.9	-345.5	-406.1	0.0084	0.0051	0.0022							
12049	70.6	-200.2	-2126.7	-59.1	-330.6	-452.5	0.0084	0.0051	0.0022							
12050	56.5	-221.0	-2103.7	-65.5	-314.7	-495.9	0.0084	0.0051	0.0022							
12051	135.9	-160.7	-2179.5	-35.0	-271.0	-359.4	0.0084	0.0051	0.0022							
12052	125.2	-175.1	-2151.6	-41.4	-260.5	-409.3	0.0084	0.0051	0.0022							
12053	111.9	-192.8	-2124.3	-47.3	-248.9	-455.3	0.0084	0.0051	0.0022							
12054	96.0	-213.9	-2098.5	-52.6	-236.8	-497.9	0.0084	0.0051	0.0022							
12055	172.7	-154.7	-2171.0	-26.3	-179.3	-360.6	0.0084	0.0051	0.0022							
12056	161.0	-169.3	-2141.7	-31.3	-172.4	-410.1	0.0084	0.0051	0.0022							
12057	146.5	-187.2	-2112.9	-35.9	-164.9	-455.5	0.0084	0.0051	0.0022							
12058	129.2	-208.3	-2085.5	-40.2	-157.0	-497.5	0.0084	0.0051	0.0022							
12059	203.2	-150.5	-2151.7	-18.1	-86.4	-359.2	0.0084	0.0051	0.0022							
12060	190.7	-165.2	-2121.8	-21.8	-83.5	-408.2	0.0084	0.0051	0.0022							
12061	175.2	-183.1	-2092.5	-25.3	-80.4	-453.1	0.0084	0.0051	0.0022							
12062	156.7	-204.2	-2064.6	-28.4	-77.1	-494.4	0.0084	0.0051	0.0022							
12063	228.7	-147.8	-2122.4	-10.6	73.9	-355.3	0.0084	0.0051	0.0022							
12064	215.5	-162.6	-2092.8	13.3	72.1	-403.6	0.0084	0.0051	0.0022							
12065	199.2	-180.5	-2063.8	15.7	69.9	-447.9	0.0084	0.0051	0.0022							
12066	179.7	-201.4	-2036.4	17.7	67.3	-488.8	0.0084	0.0051	0.0022							
12067	-1099.6	-711.1	-3432.1	-127.9	-1759.7	-456.3	0.0089	0.0151	0.0127				-0.13	-0.67	-4.43	
12068	-1077.3	-718.1	-3433.0	-161.7	-1722.8	-557.6	0.0091	0.0148	0.0127				-0.14	-0.66	-4.43	
12069	-1062.5	-732.3	-3448.2	-196.8	-1696.5	-663.0	0.0095	0.0144	0.0127				-0.15	-0.64	-4.45	
12070	-1054.3	-751.3	-3478.5	-226.6	-1679.4	-768.6	0.0099	0.0140	0.0127				-0.15	-0.63	-4.50	
12071	-881.6	-494.0	-2373.0	-135.5	-1123.3	-342.8	0.0084	0.0051	0.0022							
12072	-868.4	-505.4	-2384.0	-167.7	-1108.4	-408.2	0.0084	0.0051	0.0022							
12073	-857.7	-521.6	-2404.3	-199.7	-1098.6	-475.8	0.0084	0.0051	0.0022							
12074	-847.9	-541.7	-2435.9	-227.0	-1093.0	-545.6	0.0084	0.0051	0.0022							
12075	-704.3	-402.7	-2147.1	-121.1	-898.9	-308.1	0.0084	0.0051	0.0022							
12076	-695.6	-413.0	-2154.8	-148.9	-886.6	-361.7	0.0084	0.0051	0.0022							
12077	-688.0	-427.9	-2169.9	-175.7	-877.0	-416.5	0.0084	0.0051	0.0022							
12078	-681.1	-447.8	-2192.9	-200.3	-870.3	-473.7	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12079	-567.1	-337.7	-2031.5	-109.9	-774.4	-294.3	0.0084	0.0051	0.0022							
12080	-560.5	-347.7	-2037.9	-134.3	-762.1	-341.8	0.0084	0.0051	0.0022							
12081	-554.7	-362.5	-2050.4	-157.7	-751.3	-389.9	0.0084	0.0051	0.0022							
12082	-549.9	-382.1	-2069.0	-179.5	-742.2	-439.6	0.0084	0.0051	0.0022							
12083	-452.3	-289.0	-1979.7	-100.8	-694.3	-290.2	0.0084	0.0051	0.0022							
12084	-447.3	-299.2	-1983.8	-122.6	-681.0	-334.4	0.0084	0.0051	0.0022							
12085	-443.4	-314.0	-1992.9	-143.4	-668.4	-378.5	0.0084	0.0051	0.0022							
12086	-440.5	-333.6	-2007.0	-162.6	-656.8	-423.6	0.0084	0.0051	0.0022							
12087	-350.1	-250.6	-1962.6	-92.7	-635.1	-291.4	0.0084	0.0051	0.0022							
12088	-347.0	-261.1	-1963.7	-112.3	-620.4	-333.7	0.0084	0.0051	0.0022							
12089	-345.1	-276.2	-1968.9	-130.8	-606.0	-375.4	0.0084	0.0051	0.0022							
12090	-344.5	-295.9	-1978.1	-147.9	-591.8	-417.3	0.0084	0.0051	0.0022							
12091	-256.7	-219.4	-1966.9	-84.9	-585.4	-295.8	0.0084	0.0051	0.0022							
12092	-255.8	-230.3	-1964.4	-102.4	-569.6	-337.1	0.0084	0.0051	0.0022							
12093	-256.3	-245.7	-1965.2	-118.8	-553.4	-377.1	0.0084	0.0051	0.0022							
12094	-258.3	-265.8	-1969.2	-133.9	-537.1	-416.8	0.0084	0.0051	0.0022							
12095	-171.2	-193.7	-1982.9	-76.8	-538.4	-302.1	0.0084	0.0051	0.0022							
12096	-172.6	-205.0	-1976.6	-92.2	-521.7	-342.9	0.0084	0.0051	0.0022							
12097	-175.7	-220.8	-1972.8	-106.7	-504.3	-381.9	0.0084	0.0051	0.0057							
12098	-180.5	-241.2	-1971.5	-120.0	-486.5	-420.0	0.0084	0.0051	0.0022							
12099	-94.1	-172.5	-2003.5	-68.4	-489.4	-309.4	0.0084	0.0051	0.0057							
12100	-97.7	-184.2	-1993.4	-81.8	-472.6	-350.1	0.0084	0.0051	0.0057							
12101	-103.3	-200.3	-1985.1	-94.3	-454.6	-388.4	0.0084	0.0051	0.0057							
12102	-110.9	-221.0	-1978.7	-105.9	-436.0	-425.1	0.0084	0.0051	0.0057							
12103	-26.1	-155.1	-2022.6	-59.6	-435.5	-316.7	0.0084	0.0051	0.0057							
12104	-31.9	-167.2	-2009.1	-71.0	-419.1	-357.6	0.0084	0.0051	0.0057							
12105	-39.7	-183.6	-1996.8	-81.8	-401.5	-395.5	0.0084	0.0051	0.0057							
12106	-49.8	-204.5	-1986.0	-91.7	-383.0	-431.2	0.0084	0.0051	0.0057							
12107	32.1	-140.9	-2036.2	-50.7	-374.7	-323.4	0.0084	0.0051	0.0022							
12108	24.7	-153.4	-2019.9	-60.3	-359.6	-364.5	0.0084	0.0051	0.0022							
12109	14.9	-170.0	-2004.4	-69.3	-343.2	-402.3	0.0084	0.0051	0.0057							
12110	2.7	-191.0	-1990.0	-77.7	-325.9	-437.2	0.0084	0.0051	0.0057							
12111	80.9	-129.7	-2041.9	-41.8	-306.3	-328.9	0.0084	0.0051	0.0022							
12112	72.0	-142.4	-2023.4	-49.7	-293.4	-370.3	0.0084	0.0051	0.0022							
12113	60.8	-159.1	-2005.6	-57.2	-279.2	-407.8	0.0084	0.0051	0.0022							
12114	47.0	-180.2	-1988.6	-64.2	-264.0	-442.2	0.0084	0.0051	0.0022							
12115	121.1	-120.9	-2038.8	-33.2	-230.8	-332.6	0.0084	0.0051	0.0022							
12116	111.2	-133.9	-2018.9	-39.6	-220.7	-374.1	0.0084	0.0051	0.0022							
12117	98.8	-150.7	-1999.6	-45.7	-209.5	-411.6	0.0084	0.0051	0.0022							
12118	83.8	-171.7	-1981.0	-51.3	-197.5	-445.4	0.0084	0.0051	0.0022							
12119	154.2	-114.4	-2027.4	-25.2	-149.5	-334.2	0.0084	0.0051	0.0022							
12120	143.5	-127.6	-2006.7	-30.2	-142.9	-375.6	0.0084	0.0051	0.0022							
12121	130.3	-144.5	-1986.6	-35.0	-135.4	-412.9	0.0084	0.0051	0.0022							
12122	114.4	-165.4	-1967.2	-39.4	-127.4	-446.3	0.0084	0.0051	0.0022							
12123	181.9	-109.9	-2008.6	-17.8	-64.9	-333.3	0.0084	0.0051	0.0022							
12124	170.7	-123.2	-1987.7	-21.6	-62.0	-374.5	0.0084	0.0051	0.0022							
12125	156.7	-140.1	-1967.4	-25.1	-58.8	-411.4	0.0084	0.0051	0.0022							
12126	140.0	-160.9	-1947.8	-28.3	-55.3	-444.6	0.0084	0.0051	0.0022							
12127	206.0	-107.2	-1983.8	-11.2	90.9	-329.8	0.0084	0.0051	0.0022							
12128	194.1	-120.6	-1963.0	-13.8	89.2	-370.5	0.0084	0.0051	0.0022							
12129	179.5	-137.5	-1942.9	-16.1	87.2	-407.1	0.0084	0.0051	0.0022							
12130	162.0	-158.1	-1923.5	-18.1	85.0	-439.9	0.0084	0.0051	0.0022							
12131	203.2	-235.6	-2105.5	39.7	132.7	-561.8	0.0084	0.0051	0.0022							
12132	189.0	-247.6	-2090.8	40.7	128.0	-585.7	0.0084	0.0051	0.0022							
12133	216.2	-234.5	-2057.1	55.8	207.4	-550.1	0.0084	0.0051	0.0022							
12134	201.4	-246.2	-2044.3	57.3	200.5	-574.0	0.0084	0.0051	0.0022							
12135	227.3	-233.8	-2002.9	71.7	274.8	-536.7	0.0084	0.0051	0.0022							
12136	211.7	-245.3	-1992.5	73.7	266.2	-560.8	0.0084	0.0051	0.0022							
12137	237.6	-233.7	-1944.2	87.4	334.1	-522.1	0.0084	0.0051	0.0022							
12138	220.9	-244.9	-1936.4	90.0	324.4	-546.4	0.0084	0.0051	0.0022							
12139	248.1	-234.1	-1882.0	103.1	385.2	-506.8	0.0084	0.0051	0.0022							
12140	230.0	-244.9	-1877.3	106.2	375.0	-531.4	0.0084	0.0051	0.0057							
12141	259.9	-234.9	-1817.6	118.7	428.0	-491.2	0.0084	0.0051	0.0057							
12142	239.9	-245.2	-1816.2	122.5	417.8	-516.1	0.0084	0.0051	0.0057							
12143	274.0	-235.9	-1751.6	134.3	462.5	-475.7	0.0084	0.0051	0.0057							
12144	251.6	-245.6	-1753.9	138.9	453.0	-501.0	0.0084	0.0051	0.0057							
12145	292.1	-237.0	-1685.2	149.6	488.8	-460.8	0.0084	0.0051	0.0057							
12146	266.4	-245.9	-1691.6	155.3	480.5	-486.5	0.0084	0.0051	0.0057							
12147	316.5	-237.8	-1619.0	164.4	506.4	-446.9	0.0084	0.0051	0.0057							
12148	286.3	-245.8	-1630.1	171.6	500.2	-473.0	0.0084	0.0051	0.0022							
12149	350.9	-237.7	-1553.0	177.9	515.1	-434.2	0.0084	0.0051	0.0140							
12150	314.4	-244.5	-1569.8	187.6	511.7	-460.7	0.0084	0.0051	0.0022							
12151	400.4	-235.9	-1484.5	188.9	514.6	-423.0	0.0084	0.0051	0.0140							
12152	355.2	-241.4	-1508.9	202.7	514.9	-449.6	0.0084	0.0051	0.0140							
12153	472.6	-230.8	-1406.9	194.8	504.9	-413.3	0.0084	0.0051	0.0140							
12154	415.6	-234.8	-1442.3	216.5	510.0	-439.5	0.0084	0.0051	0.0140							
12155	576.8	-217.5	-1309.8	188.8	490.9	-404.7	0.0084	0.0051	0.0140							
12156	505.0	-222.6	-1361.8	227.2	498.2	-428.9	0.0084	0.0051	0.0140							
12157	718.2	-174.4	-1170.5	156.4	500.8	-397.1	0.0084	0.0051	0.0140							
12158	640.6	-194.2	-1247.2	228.1	490.3	-413.3	0.0084	0.0051	0.0140							
12159	885.8	-34.1	-958.6	85.1	534.9	-374.2	0.0084	0.0051	0.0140							
12160	844.5	-98.9	-1062.3	213.0	505.7	-388.5	0.0084	0.0051	0.0140							
12161	1107.1	112.2	-753.0	-38.1	619.2	-345.5	0.0551	0.0135	0.0244	23.78	97.08	53.63	0.00	-1.12	-2.34	0.0
12162	1221.5	188.5	-793.3	249.3	564.4	-267.1	0.0554	0.0154	0.0244	25.17	90.42	57.08	0.00	-1.15	-2.42	0.0
12163	181.1	-218.2	-1982.3	34.5	137.2	-510.3	0.0084	0.0051	0.0022							
12164	167.1	-232.4	-1970.2	35.7	133.1	-530.8	0.0084	0.0051	0.0022							
12165	196.8	-217.7	-1942.8	50.2	203.7	-499.7	0.0084	0.0051	0.0022							
12166	182.0	-231.7	-1931.9	52.1	197.5	-520.2	0.0084	0.0051	0.0022							
12167	210.6	-218.1	-1898.5	66.2	263.2	-487.4	0.0084	0.0051	0.0022							
12168	194.9	-231.9	-1889.2	68.8	255.6	-508.0	0.0084	0.0051	0.0022							
12169	223.2	-219.6	-1850.0	82.5	314.9	-473.7	0.0084	0.0051	0.0022							
12170	206.3	-233.2	-1842.7	85.7	306.4	-494.7	0.0084	0.0051	0.0022							
12171	235.2	-222.1	-1798.0	99.1	358.3	-459.4	0.0084	0.0051	0.0022							
12172	216.9	-235.4	-1792.9	103.1	349.5	-480.7	0.0084	0.0051	0.0057							
12173	247.4	-225.5	-1743.1	116.0	393.4	-445.0	0.0084	0.0051	0.0057							
12174	227.3	-238.5	-1740.6	120.9	385.0	-466.8	0.0084	0.0051	0.0057							
12175	260.5	-229.8	-1685.9	133.3	420.4	-431.3	0.0084	0.0051	0.0057							
12176	238.2	-242.4	-1686.5	139.2	413.1	-453.6	0.0084	0.0051	0.0057							
12177	275.8	-234.9	-1626.9	150.6	439.9	-418.8	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12178	250.7	-247.0	-1631.1	157.9	434.3	-441.8	0.0084	0.0051	0.0057							
12179	294.8	-240.6	-1566.1	167.6	452.7	-408.4	0.0084	0.0051	0.0022							
12180	266.1	-252.2	-1574.9	176.7	449.3	-432.2	0.0084	0.0051	0.0022							
12181	319.4	-246.9	-1501.1	183.6	460.1	-401.0	0.0084	0.0051	0.0140							
12182	286.2	-257.8	-1516.4	195.5	459.5	-425.6	0.0084	0.0051	0.0140							
12183	351.8	-253.2	-1426.7	196.9	465.4	-397.6	0.0084	0.0051	0.0140							
12184	313.2	-263.4	-1452.0	213.4	467.0	-423.0	0.0084	0.0051	0.0140							
12185	393.7	-258.5	-1336.5	204.6	475.0	-400.1	0.0084	0.0051	0.0140							
12186	349.7	-268.3	-1376.2	229.0	476.0	-425.8	0.0084	0.0051	0.0140							
12187	446.3	-259.5	-1226.0	199.0	495.4	-411.7	0.0084	0.0051	0.0140							
12188	399.3	-271.6	-1285.3	239.2	492.5	-436.4	0.0084	0.0051	0.0140							
12189	509.9	-242.3	-1096.7	162.4	524.3	-439.4	0.0084	0.0051	0.0140							
12190	474.1	-266.1	-1180.9	234.2	521.4	-457.2	0.0084	0.0051	0.0140							
12191	585.8	-147.0	-973.5	60.2	569.5	-477.3	0.0531	0.0051	0.0140							
12192	613.8	-219.7	-1081.4	195.1	556.7	-496.8	0.0531	0.0051	0.0140							
12193	727.9	-28.9	-887.6	-43.9	697.2	-454.6	0.0550	0.0136	0.0244	18.68	75.70	42.06	0.00	-0.96	-2.31	0.0
12194	955.0	89.1	-957.0	176.0	587.8	-380.3	0.0553	0.0155	0.0244	20.35	72.56	46.07	0.00	-0.91	-2.38	0.0
12195	165.0	-175.6	-1881.2	28.7	146.9	-455.6	0.0084	0.0051	0.0022							
12196	152.3	-190.4	-1871.8	30.0	143.1	-471.0	0.0084	0.0051	0.0022							
12197	181.4	-175.8	-1849.7	43.0	205.5	-445.4	0.0084	0.0051	0.0022							
12198	167.9	-190.4	-1841.1	45.1	199.7	-460.9	0.0084	0.0051	0.0022							
12199	196.1	-177.4	-1814.9	57.9	257.1	-433.1	0.0084	0.0051	0.0022							
12200	181.6	-191.9	-1807.0	60.7	249.8	-448.8	0.0084	0.0051	0.0022							
12201	209.4	-180.3	-1776.4	73.4	300.6	-419.3	0.0084	0.0051	0.0022							
12202	193.8	-194.7	-1769.6	77.1	292.4	-435.2	0.0084	0.0051	0.0022							
12203	221.3	-184.7	-1734.1	89.8	335.5	-404.6	0.0084	0.0051	0.0022							
12204	204.3	-198.9	-1728.7	94.3	327.1	-420.9	0.0084	0.0051	0.0057							
12205	231.8	-190.4	-1687.9	107.0	362.0	-389.9	0.0084	0.0051	0.0057							
12206	213.4	-204.5	-1684.3	112.5	354.0	-406.7	0.0084	0.0051	0.0057							
12207	241.4	-197.4	-1637.5	124.9	381.0	-376.0	0.0084	0.0051	0.0057							
12208	221.2	-211.4	-1636.3	131.5	373.9	-393.2	0.0084	0.0051	0.0057							
12209	250.4	-205.9	-1582.7	143.1	394.0	-363.6	0.0084	0.0051	0.0057							
12210	228.3	-219.8	-1584.7	151.2	388.1	-381.5	0.0084	0.0051	0.0057							
12211	259.6	-215.8	-1522.1	161.5	403.3	-353.8	0.0084	0.0051	0.0022							
12212	235.4	-229.6	-1528.8	171.4	398.3	-372.2	0.0084	0.0051	0.0022							
12213	269.9	-227.6	-1452.6	179.2	412.1	-347.5	0.0084	0.0051	0.0140							
12214	243.3	-241.4	-1466.3	192.0	407.0	-366.6	0.0084	0.0051	0.0140							
12215	281.6	-241.4	-1369.9	195.2	422.5	-346.1	0.0084	0.0051	0.0140							
12216	252.7	-255.5	-1394.0	212.2	416.7	-365.9	0.0084	0.0051	0.0140							
12217	294.8	-257.7	-1272.0	207.9	435.1	-352.6	0.0084	0.0051	0.0140							
12218	264.7	-272.6	-1309.4	231.6	430.3	-372.4	0.0084	0.0051	0.0140							
12219	310.8	-276.7	-1162.4	213.6	453.2	-373.0	0.0084	0.0051	0.0140							
12220	281.3	-295.0	-1215.3	249.8	452.5	-391.8	0.0084	0.0051	0.0140							
12221	337.1	-297.2	-1055.5	205.7	491.1	-422.9	0.0084	0.0051	0.0140							
12222	315.4	-323.1	-1122.7	265.1	494.3	-435.8	0.0084	0.0051	0.0140							
12223	394.8	-292.2	-985.5	168.6	561.7	-514.6	0.0531	0.0051	0.0140							
12224	405.5	-359.1	-1064.6	278.8	570.3	-540.4	0.0531	0.0051	0.0140							
12225	504.9	-288.9	-937.0	167.5	728.8	-548.3	0.0550	0.0137	0.0244	14.78	59.51	33.25	0.00	-0.84	-2.32	0.0
12226	644.4	-247.9	-1116.3	308.1	689.6	-593.2	0.0552	0.0134	0.0244	16.15	66.77	36.52	0.00	-0.84	-2.56	0.0
12227	-225.1	-269.1	-2678.1	67.0	-803.9	-414.8	0.0104	0.0135	0.0127	10.95	8.46	8.99	0.00	-0.43	-3.09	0.0
12228	-225.7	-261.2	-2686.7	67.6	-790.5	-435.3	0.0107	0.0132	0.0127	10.70	8.71	9.04	0.00	-0.43	-3.09	0.0
12229	-262.2	-280.4	-2553.1	34.6	-884.4	-469.9	0.0084	0.0051	0.0022							
12230	-256.1	-273.3	-2568.2	35.4	-866.3	-495.6	0.0084	0.0051	0.0022							
12231	-308.9	-296.3	-2420.0	-53.5	-913.2	-506.2	0.0084	0.0051	0.0022							
12232	-300.2	-293.4	-2440.3	-52.2	-895.1	-535.3	0.0084	0.0051	0.0022							
12233	-311.2	-299.7	-2310.8	-84.2	-887.9	-521.3	0.0084	0.0051	0.0022							
12234	-302.7	-300.3	-2331.4	-84.2	-870.6	-551.7	0.0084	0.0051	0.0022							
12235	-284.4	-296.9	-2243.6	-102.2	-843.0	-530.4	0.0084	0.0051	0.0022							
12236	-277.3	-300.1	-2261.8	-103.1	-825.7	-561.0	0.0084	0.0051	0.0022							
12237	-240.0	-290.9	-2209.2	-110.5	-789.0	-538.9	0.0084	0.0051	0.0022							
12238	-235.1	-296.4	-2223.2	-112.0	-771.4	-569.3	0.0084	0.0051	0.0022							
12239	-186.3	-283.8	-2197.6	-111.9	-728.9	-548.0	0.0084	0.0051	0.0022							
12240	-184.0	-291.2	-2206.3	-113.7	-711.4	-577.8	0.0084	0.0051	0.0022							
12241	-129.0	-276.5	-2199.9	-108.1	-663.1	-557.3	0.0084	0.0051	0.0022							
12242	-129.5	-285.4	-2203.2	-110.1	-645.9	-586.3	0.0084	0.0051	0.0022							
12243	-72.1	-269.4	-2209.0	-100.5	-591.6	-566.2	0.0084	0.0051	0.0057							
12244	-75.3	-279.4	-2207.1	-102.5	-575.3	-594.2	0.0084	0.0051	0.0057							
12245	-18.3	-262.7	-2219.1	-90.3	-515.1	-573.8	0.0084	0.0051	0.0057							
12246	-24.0	-273.6	-2212.5	-92.3	-500.1	-601.0	0.0084	0.0051	0.0057							
12247	30.5	-256.7	-2226.0	-78.5	-434.4	-579.7	0.0084	0.0051	0.0057							
12248	22.7	-268.2	-2215.6	-80.4	-421.4	-606.1	0.0084	0.0051	0.0057							
12249	73.5	-251.4	-2226.8	-65.8	-350.8	-583.3	0.0084	0.0051	0.0057							
12250	64.0	-263.3	-2213.5	-67.6	-340.2	-609.0	0.0084	0.0051	0.0057							
12251	110.3	-246.9	-2220.0	-52.9	-265.6	-584.4	0.0084	0.0051	0.0022							
12252	99.4	-259.0	-2204.7	-54.5	-257.7	-609.5	0.0084	0.0051	0.0022							
12253	141.3	-243.0	-2204.4	-40.1	-180.2	-582.8	0.0084	0.0051	0.0022							
12254	129.2	-255.2	-2188.1	-41.5	-175.2	-607.3	0.0084	0.0051	0.0022							
12255	166.6	-239.9	-2180.0	-27.7	-96.2	-578.4	0.0084	0.0051	0.0022							
12256	153.7	-252.1	-2163.4	-28.9	-94.1	-602.6	0.0084	0.0051	0.0022							
12257	187.0	-237.4	-2146.8	23.5	51.8	-571.3	0.0084	0.0051	0.0022							
12258	173.5	-249.6	-2130.8	24.1	49.9	-595.3	0.0084	0.0051	0.0022							
12259	-245.1	-355.4	-2947.5	102.1	-936.6	-501.0	0.0104	0.0136	0.0127	17.06	13.00	13.89	0.00	-0.59	-3.49	0.0
12260	-241.3	-342.4	-2955.7	110.5	-915.0	-522.3	0.0107	0.0133	0.0127	17.17	13.77	14.39	0.00	-0.60	-3.49	0.0
12261	-471.2	-412.2	-2652.7	-71.9	-1070.7	-581.8	0.0084	0.0051	0.0022							
12262	-462.1	-411.4	-2673.2	-71.7	-1053.9	-619.1	0.0084	0.0051	0.0022							
12263	-482.5	-392.9	-2370.9	-119.0	-967.9	-558.5	0.0084	0.0051	0.0022							
12264	-474.5	-397.1	-2392.3	-121.9	-955.6	-594.3	0.0084	0.0051	0.0022							
12265	-440.5	-368.0	-2221.8	-136.0	-867.1	-534.7	0.0084	0.0051	0.0022							
12266	-434.0	-375.2	-2240.7	-140.2	-855.7	-568.6	0.0084	0.0051	0.0022							
12267	-378.8	-343.4	-2139.7	-140.1	-781.5	-519.5	0.0084	0.0051	0.0022							
12268	-374.2	-352.6	-2155.2	-144.9	-770.0	-551.5	0.0084	0.0051	0.0022							
12269	-310.4	-321.3	-2097.5	-137.7	-707.9	-512.3	0.0084	0.0051	0.0022							
12270	-308.0	-332.0	-2108.9	-142.5	-695.7	-542.4	0.0084	0.0051	0.0022							
12271	-240.8	-301.9	-2079.6	-131.1	-640.9	-510.7	0.0084	0.0051	0.0022							
12272	-240.7	-313.7	-2086.5	-135.6	-628.1	-539.0	0.0084	0.0051	0.0022							
12273	-173.3	-285.1	-2076.0	-121.6	-576.3	-512.6	0.0084	0.0051	0.0022							
12274	-175.5	-297.9	-2078.5	-125.9	-563.1	-539.4	0.0084	0.0051	0.0022							
12275	-109.9	-270.8	-2079.5	-110.1	-511.4	-516.5	0.0084	0.0051	0.0057							
12276	-114.4	-284.2	-2077.9	-114.1	-498.2	-541.9	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12277	-52.0	-258.5	-2085.0	-97.3	-444.4	-521.1	0.0084	0.0051	0.0057							
12278	-58.7	-272.4	-2079.6	-100.8	-431.9	-545.3	0.0084	0.0051	0.0057							
12279	-0.7	-248.1	-2088.4	-83.7	-374.6	-525.2	0.0084	0.0051	0.0057							
12280	-9.1	-262.3	-2079.9	-86.8	-363.2	-548.5	0.0084	0.0051	0.0057							
12281	44.0	-239.5	-2087.1	-69.9	-301.9	-528.2	0.0084	0.0051	0.0057							
12282	34.1	-253.9	-2076.3	-72.6	-292.3	-550.6	0.0084	0.0051	0.0057							
12283	82.0	-232.5	-2079.8	-56.3	-226.9	-529.4	0.0084	0.0051	0.0022							
12284	71.0	-247.0	-2067.4	-58.6	-219.4	-551.1	0.0084	0.0051	0.0022							
12285	113.9	-227.0	-2065.5	-43.1	-150.6	-528.3	0.0084	0.0051	0.0022							
12286	102.0	-241.5	-2052.3	-45.0	-145.7	-549.5	0.0084	0.0051	0.0022							
12287	140.5	-222.8	-2044.3	-30.7	-74.4	-524.8	0.0084	0.0051	0.0022							
12288	127.9	-237.3	-2030.9	-32.1	-72.3	-545.6	0.0084	0.0051	0.0022							
12289	162.6	-219.9	-2016.4	-18.9	65.1	-518.8	0.0084	0.0051	0.0022							
12290	149.4	-234.3	-2003.4	-19.8	63.5	-539.3	0.0084	0.0051	0.0022							
12291	-1043.6	-757.7	-3506.8	-229.5	-1661.1	-838.1	0.0103	0.0137	0.0127				-0.14	-0.63	-4.54	
12292	-1031.4	-767.8	-3531.4	-239.4	-1639.2	-896.1	0.0106	0.0134	0.0127				-0.14	-0.63	-4.56	
12293	-838.8	-559.4	-2466.4	-243.1	-1087.7	-603.3	0.0084	0.0051	0.0022							
12294	-832.1	-574.6	-2487.6	-256.7	-1079.3	-644.3	0.0084	0.0051	0.0022							
12295	-675.7	-466.1	-2214.0	-217.3	-864.2	-520.2	0.0084	0.0051	0.0022							
12296	-671.8	-480.8	-2229.9	-229.0	-857.0	-553.8	0.0084	0.0051	0.0022							
12297	-546.4	-400.3	-2086.2	-194.8	-734.3	-479.9	0.0084	0.0051	0.0022							
12298	-543.2	-414.9	-2099.4	-205.0	-726.3	-509.0	0.0084	0.0051	0.0022							
12299	-438.6	-351.8	-2020.3	-176.2	-646.9	-460.0	0.0084	0.0051	0.0022							
12300	-436.8	-366.5	-2030.6	-185.3	-638.2	-486.4	0.0084	0.0051	0.0022							
12301	-344.5	-314.4	-1987.3	-160.0	-580.2	-450.9	0.0084	0.0051	0.0022							
12302	-344.6	-329.2	-1994.5	-168.0	-570.4	-475.1	0.0084	0.0051	0.0022							
12303	-260.6	-284.4	-1973.8	-144.6	-523.8	-448.2	0.0084	0.0051	0.0022							
12304	-262.3	-299.3	-1977.7	-151.5	-513.2	-470.7	0.0084	0.0051	0.0022							
12305	-185.1	-260.1	-1971.6	-129.3	-472.0	-449.5	0.0084	0.0051	0.0022							
12306	-188.7	-275.3	-1972.1	-135.4	-460.7	-470.5	0.0084	0.0051	0.0022							
12307	-117.9	-240.2	-1974.6	-114.0	-420.9	-453.3	0.0084	0.0051	0.0057							
12308	-123.4	-255.6	-1972.0	-119.4	-409.2	-473.0	0.0084	0.0051	0.0057							
12309	-58.9	-223.8	-1978.3	-98.8	-368.0	-458.2	0.0084	0.0051	0.0057							
12310	-66.1	-239.2	-1972.9	-103.4	-356.5	-476.8	0.0084	0.0051	0.0057							
12311	-8.2	-210.4	-1979.4	-83.7	-311.8	-463.1	0.0084	0.0051	0.0057							
12312	-16.7	-225.8	-1971.9	-87.6	-301.1	-480.9	0.0084	0.0051	0.0057							
12313	34.7	-199.5	-1975.9	-69.2	-251.7	-467.3	0.0084	0.0051	0.0057							
12314	25.2	-215.0	-1967.0	-72.5	-242.4	-484.3	0.0084	0.0051	0.0057							
12315	70.6	-191.0	-1967.0	-55.4	-187.7	-469.9	0.0084	0.0051	0.0022							
12316	60.2	-206.3	-1957.2	-58.1	-180.4	-486.2	0.0084	0.0051	0.0022							
12317	100.4	-184.5	-1952.6	-42.6	-120.8	-470.3	0.0084	0.0051	0.0022							
12318	89.4	-199.7	-1942.4	-44.7	-115.8	-486.2	0.0084	0.0051	0.0022							
12319	125.3	-179.8	-1933.1	-30.7	-52.4	-468.1	0.0084	0.0051	0.0022							
12320	113.8	-194.9	-1922.9	-32.2	-50.1	-483.7	0.0084	0.0051	0.0022							
12321	146.6	-176.9	-1909.1	-19.6	83.0	-463.2	0.0084	0.0051	0.0022							
12322	134.6	-191.8	-1899.2	-20.5	81.7	-478.6	0.0084	0.0051	0.0022							
12323	302.4	-244.7	-1531.9	215.9	515.6	-480.9	0.0084	0.0051	0.0140							
12324	349.1	-234.2	-1477.4	233.1	515.0	-469.2	0.0084	0.0051	0.0140							
12325	416.6	-217.9	-1412.7	252.2	507.7	-456.0	0.0084	0.0051	0.0140							
12326	234.6	-242.3	-1562.0	223.2	517.5	-518.6	0.0084	0.0051	0.0140							
12327	268.6	-225.5	-1519.0	239.0	519.5	-503.3	0.0084	0.0051	0.0140							
12328	313.5	-201.4	-1467.5	258.8	516.1	-485.0	0.0084	0.0051	0.0140							
12329	160.4	-229.7	-1612.9	211.1	518.0	-555.4	0.0084	0.0051	0.0140							
12330	184.2	-210.3	-1576.2	223.5	520.6	-536.0	0.0084	0.0051	0.0140							
12331	216.7	-180.5	-1531.0	235.9	518.5	-513.6	0.0128	0.0111	0.0244	29.68	34.06	15.53	0.00	-0.39	-2.24	0.0
12332	158.8	-270.1	-2070.6	42.0	120.5	-630.3	0.0084	0.0051	0.0022							
12333	170.5	-268.0	-2025.5	60.0	191.6	-617.9	0.0084	0.0051	0.0022							
12334	180.0	-266.3	-1975.6	77.7	256.3	-603.8	0.0084	0.0051	0.0022							
12335	188.1	-264.8	-1922.2	95.3	314.2	-588.4	0.0084	0.0051	0.0022							
12336	195.9	-263.4	-1866.3	112.7	364.8	-572.2	0.0084	0.0051	0.0057							
12337	204.2	-262.0	-1809.0	130.1	408.2	-555.7	0.0084	0.0051	0.0057							
12338	214.0	-260.5	-1751.3	147.4	444.3	-539.2	0.0084	0.0051	0.0057							
12339	226.6	-258.5	-1694.2	164.7	473.3	-523.3	0.0084	0.0051	0.0057							
12340	243.7	-255.6	-1638.5	181.9	494.9	-508.0	0.0084	0.0051	0.0022							
12341	268.2	-251.1	-1584.4	199.0	509.0	-493.8	0.0084	0.0051	0.0022							
12342	110.2	-305.1	-2053.2	42.0	110.6	-697.0	0.0084	0.0051	0.0057							
12343	121.2	-301.8	-2009.0	61.8	181.4	-683.4	0.0084	0.0051	0.0057							
12344	129.7	-298.3	-1961.0	81.3	246.3	-667.5	0.0084	0.0051	0.0057							
12345	136.7	-294.5	-1910.3	100.4	304.8	-650.1	0.0084	0.0051	0.0057							
12346	143.0	-290.3	-1858.1	119.0	356.4	-631.5	0.0084	0.0051	0.0057							
12347	149.8	-285.6	-1805.3	137.1	401.0	-612.3	0.0084	0.0051	0.0057							
12348	157.8	-280.1	-1753.2	154.9	438.6	-592.9	0.0084	0.0051	0.0057							
12349	168.5	-273.5	-1702.4	172.3	469.3	-573.5	0.0084	0.0051	0.0022							
12350	183.7	-265.3	-1653.5	189.4	492.8	-554.4	0.0084	0.0051	0.0022							
12351	205.9	-254.7	-1605.9	206.7	509.2	-535.6	0.0084	0.0051	0.0140							
12352	54.9	-336.2	-2065.3	39.3	100.9	-769.9	0.0158	0.0051	0.0057							
12353	65.3	-331.6	-2021.9	59.9	171.2	-755.1	0.0158	0.0051	0.0057							
12354	73.1	-325.9	-1975.8	80.0	236.4	-737.5	0.0158	0.0051	0.0057							
12355	79.3	-319.2	-1927.9	99.3	295.5	-717.7	0.0158	0.0051	0.0057							
12356	84.8	-311.5	-1879.5	117.6	348.2	-696.4	0.0158	0.0051	0.0057							
12357	90.4	-302.5	-1831.4	135.0	394.1	-674.0	0.0158	0.0051	0.0057							
12358	97.3	-292.2	-1784.5	151.4	433.3	-650.9	0.0158	0.0051	0.0022							
12359	106.5	-280.2	-1739.4	166.8	465.4	-627.2	0.0158	0.0051	0.0022							
12360	119.5	-265.6	-1695.9	181.6	490.6	-603.0	0.0158	0.0051	0.0022							
12361	137.8	-247.9	-1652.5	196.7	508.5	-577.9	0.0158	0.0051	0.0022							
12362	-6.5	-351.2	-2130.8	34.0	91.7	-853.9	0.0158	0.0051	0.0022							
12363	3.6	-345.1	-2087.5	53.3	161.2	-837.4	0.0158	0.0051	0.0022							
12364	11.5	-337.0	-2042.5	71.9	226.3	-817.1	0.0158	0.0051	0.0022							
12365	18.1	-327.1	-1996.8	89.3	285.9	-793.9	0.0158	0.0051	0.0022							
12366	24.2	-315.4	-1951.1	105.3	339.3	-768.2	0.0158	0.0051	0.0022							
12367	30.6	-302.0	-1906.0	119.9	386.0	-740.4	0.0158	0.0051	0.0022							
12368	38.2	-286.8	-1862.0	132.8	425.7	-711.0	0.0158	0.0051	0.0022							
12369	47.8	-269.6	-1819.1	144.3	458.2	-680.2	0.0158	0.0051	0.0022							
12370	60.3	-249.8	-1776.2	154.6	483.1	-648.0	0.0158	0.0051	0.0022							
12371	76.4	-225.9	-1730.8	164.6	500.3	-614.1	0.0158	0.0051	0.0022							
12372	-65.0	-307.6	-2268.9	25.5	82.8	-911.3	0.0158	0.0051	0.0022							
12373	-54.5	-301.1	-2223.9	39.2	148.5	-892.6	0.0158	0.0051	0.0022							
12374	-45.1	-292.2	-2177.6	52.2	210.8	-868.7	0.0158	0.0051	0.0022							
12375	-36.2	-281.2	-2130.3	64.2	268.3	-840.5	0.0158	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12376	-27.3	-268.4	-2082.5	74.9	319.8	-808.7	0.0158	0.0051	0.0022							
12377	-17.8	-254.0	-2034.4	84.3	364.5	-773.9	0.0158	0.0051	0.0022							
12378	-7.2	-238.2	-1986.0	92.5	402.0	-736.8	0.0158	0.0051	0.0022							
12379	4.9	-221.1	-1936.7	99.7	431.8	-698.1	0.0158	0.0051	0.0022							
12380	18.6	-202.3	-1884.7	106.3	453.8	-658.2	0.0158	0.0051	0.0022							
12381	34.0	-180.9	-1827.3	112.6	468.1	-617.5	0.0158	0.0051	0.0022							
12382	-112.1	-219.1	-2443.3	15.8	73.5	-855.1	0.0262	0.0051	0.0127	2.74	14.19	5.67	0.00	-0.18	-2.81	0.0
12383	-101.3	-214.0	-2395.3	21.5	127.1	-836.2	0.0261	0.0052	0.0127	2.76	13.96	5.68	0.00	-0.17	-2.76	0.0
12384	-90.5	-207.7	-2344.9	27.3	179.7	-812.6	0.0259	0.0054	0.0127	2.81	13.55	5.73	0.00	-0.16	-2.70	0.0
12385	-79.6	-200.4	-2292.1	33.0	229.5	-784.9	0.0257	0.0057	0.0127	2.89	13.09	5.83	0.00	-0.15	-2.65	0.0
12386	-68.5	-192.4	-2237.3	38.7	274.5	-754.1	0.0253	0.0060	0.0127	3.02	12.64	6.01	0.00	-0.14	-2.59	0.0
12387	-57.0	-184.0	-2180.5	44.2	313.9	-721.0	0.0248	0.0065	0.0127	3.21	12.27	6.27	0.00	-0.13	-2.53	0.0
12388	-45.2	-175.1	-2121.5	49.9	347.3	-686.9	0.0243	0.0070	0.0127	3.47	12.00	6.63	0.00	-0.12	-2.47	0.0
12389	-33.2	-165.9	-2059.7	55.8	374.7	-652.4	0.0237	0.0076	0.0127	3.80	11.86	7.09	0.00	-0.11	-2.41	0.0
12390	-21.0	-155.9	-1993.7	62.1	396.4	-618.6	0.0231	0.0082	0.0127	4.22	11.85	7.67	0.00	-0.11	-2.35	0.0
12391	-8.4	-145.0	-1920.8	69.0	413.0	-585.7	0.0224	0.0089	0.0127	4.75	11.99	8.38	0.00	-0.11	-2.28	0.0
12392	717.2	205.6	-1025.5	493.2	502.0	-361.9	0.0559	0.0150	0.0244	18.78	70.06	42.94	0.00	-0.89	-2.37	0.0
12393	115.9	18.3	-1325.6	204.4	484.3	-439.7	0.0118	0.0121	0.0244	25.00	24.27	12.06	0.00	-0.17	-1.91	0.0
12394	62.4	-59.1	-1491.5	127.5	465.4	-474.5	0.0124	0.0115	0.0244	15.40	16.61	7.83	0.00	-0.11	-1.95	0.0
12395	607.3	-113.2	-1207.8	325.6	489.7	-400.3	0.0084	0.0051	0.0140							
12396	313.9	-67.0	-1367.3	286.4	491.2	-441.9	0.0084	0.0051	0.0140							
12397	138.2	-84.5	-1503.1	192.7	487.6	-482.0	0.0084	0.0051	0.0140							
12398	504.4	-184.8	-1330.4	277.4	498.4	-436.7	0.0084	0.0051	0.0140							
12399	345.6	-157.9	-1418.1	277.1	508.6	-466.3	0.0084	0.0051	0.0140							
12400	208.7	-138.5	-1506.2	237.2	509.9	-496.3	0.0126	0.0114	0.0244	29.83	32.91	15.32	0.00	-0.36	-2.20	0.0
12401	3.0	-131.7	-1838.7	77.1	425.8	-555.9	0.0218	0.0096	0.0127	5.38	12.25	9.21	0.00	-0.11	-2.21	0.0
12402	49.8	-158.3	-1763.9	120.1	476.0	-580.6	0.0158	0.0051	0.0022							
12403	93.8	-201.2	-1685.3	173.6	508.9	-583.8	0.0158	0.0051	0.0022							
12404	14.8	-116.9	-1743.6	87.4	437.8	-528.1	0.0211	0.0102	0.0127	6.17	12.75	10.25	0.00	-0.11	-2.13	0.0
12405	67.3	-136.8	-1692.8	131.6	479.9	-547.3	0.0158	0.0051	0.0022							
12406	115.5	-177.6	-1638.2	183.7	511.5	-556.3	0.0158	0.0051	0.0022							
12407	27.0	-96.4	-1629.9	101.8	449.4	-501.4	0.0204	0.0109	0.0127	7.18	13.51	11.55	0.00	-0.10	-2.04	0.0
12408	88.6	-109.6	-1606.8	149.6	481.0	-513.6	0.0158	0.0051	0.0022							
12409	141.4	-153.9	-1581.6	200.6	510.0	-526.1	0.0130	0.0109	0.0244	22.42	26.64	11.92	0.00	-0.28	-2.19	0.0
12410	262.5	-276.2	-1475.5	232.6	474.4	-457.9	0.0084	0.0051	0.0140							
12411	291.0	-277.5	-1416.4	252.1	486.5	-460.8	0.0084	0.0051	0.0140							
12412	329.8	-276.5	-1347.8	270.7	503.0	-469.5	0.0084	0.0051	0.0140							
12413	191.6	-292.0	-1507.6	249.9	491.1	-509.3	0.0084	0.0051	0.0140							
12414	212.4	-286.2	-1466.1	267.9	506.8	-510.7	0.0084	0.0051	0.0140							
12415	238.5	-276.0	-1419.1	286.8	524.3	-515.0	0.0084	0.0051	0.0140							
12416	111.9	-304.1	-1567.3	250.1	514.4	-572.6	0.0084	0.0051	0.0140							
12417	127.4	-292.6	-1538.1	263.6	530.7	-569.4	0.0084	0.0051	0.0140							
12418	148.9	-273.0	-1504.0	274.7	547.1	-567.7	0.0127	0.0112	0.0244	26.59	30.00	13.80	0.00	-0.40	-2.24	0.0
12419	136.1	-261.9	-1952.6	37.5	126.3	-570.8	0.0084	0.0051	0.0022							
12420	150.2	-260.5	-1915.1	55.8	189.3	-559.6	0.0084	0.0051	0.0022							
12421	162.0	-260.0	-1873.6	74.3	246.4	-546.7	0.0084	0.0051	0.0022							
12422	172.2	-260.3	-1828.9	93.0	296.8	-532.6	0.0084	0.0051	0.0022							
12423	181.2	-261.3	-1781.5	112.1	340.3	-518.0	0.0084	0.0051	0.0057							
12424	189.9	-263.0	-1732.3	131.5	376.8	-503.5	0.0084	0.0051	0.0057							
12425	199.0	-265.3	-1682.0	151.3	406.7	-489.8	0.0084	0.0051	0.0057							
12426	209.4	-267.9	-1631.4	171.5	430.3	-477.6	0.0084	0.0051	0.0057							
12427	222.5	-270.8	-1580.8	191.9	448.6	-467.6	0.0084	0.0051	0.0022							
12428	240.0	-273.6	-1529.3	212.4	462.7	-460.8	0.0084	0.0051	0.0140							
12429	84.6	-313.3	-1935.5	38.8	117.1	-633.0	0.0158	0.0051	0.0057							
12430	97.8	-310.6	-1898.3	59.9	179.8	-620.8	0.0158	0.0051	0.0057							
12431	108.3	-308.4	-1857.9	81.0	237.1	-606.8	0.0084	0.0051	0.0057							
12432	116.8	-306.5	-1815.2	102.2	288.5	-591.7	0.0084	0.0051	0.0057							
12433	124.1	-304.9	-1770.8	123.5	333.5	-575.9	0.0084	0.0051	0.0057							
12434	130.8	-303.5	-1725.7	144.7	372.3	-560.4	0.0084	0.0051	0.0057							
12435	137.8	-302.1	-1680.6	166.0	405.2	-545.7	0.0084	0.0051	0.0022							
12436	146.2	-300.5	-1636.4	187.3	432.6	-532.5	0.0084	0.0051	0.0022							
12437	157.2	-298.4	-1593.1	208.6	455.5	-521.5	0.0084	0.0051	0.0022							
12438	172.8	-295.4	-1549.5	230.0	474.9	-513.3	0.0084	0.0051	0.0140							
12439	23.3	-372.7	-1944.7	37.9	107.7	-709.9	0.0158	0.0051	0.0057							
12440	35.6	-368.4	-1907.9	61.4	170.8	-696.8	0.0158	0.0051	0.0057							
12441	45.0	-363.9	-1869.0	84.6	229.1	-681.9	0.0158	0.0051	0.0057							
12442	52.2	-359.0	-1828.7	107.4	282.2	-665.7	0.0158	0.0051	0.0057							
12443	58.0	-353.7	-1788.0	129.8	329.8	-649.1	0.0158	0.0051	0.0057							
12444	63.1	-348.0	-1747.6	151.7	371.9	-632.6	0.0158	0.0051	0.0022							
12445	68.4	-341.6	-1708.4	172.9	408.9	-617.0	0.0158	0.0051	0.0022							
12446	75.0	-334.3	-1671.0	193.4	441.2	-602.7	0.0158	0.0051	0.0022							
12447	84.0	-325.6	-1635.2	213.3	469.5	-590.3	0.0158	0.0051	0.0022							
12448	96.5	-314.9	-1599.7	232.9	494.5	-579.8	0.0158	0.0051	0.0022							
12449	-48.4	-435.5	-1997.1	35.4	98.5	-817.2	0.0158	0.0051	0.0022							
12450	-36.7	-429.1	-1960.5	59.9	163.0	-802.8	0.0158	0.0051	0.0022							
12451	-27.8	-421.5	-1923.5	83.9	223.6	-786.6	0.0158	0.0051	0.0022							
12452	-21.0	-412.7	-1886.5	107.1	279.8	-769.1	0.0158	0.0051	0.0022							
12453	-15.5	-402.6	-1850.4	129.1	331.2	-750.9	0.0158	0.0051	0.0022							
12454	-10.6	-391.2	-1815.8	149.8	377.9	-732.5	0.0158	0.0051	0.0022							
12455	-5.3	-378.5	-1783.5	168.9	419.8	-714.6	0.0158	0.0051	0.0022							
12456	1.4	-364.1	-1753.7	186.2	457.4	-697.3	0.0158	0.0051	0.0022							
12457	10.3	-347.4	-1725.8	201.6	490.9	-680.8	0.0158	0.0051	0.0022							
12458	22.2	-327.5	-1697.8	215.2	520.7	-665.1	0.0158	0.0051	0.0022							
12459	-141.7	-484.0	-2192.2	30.9	91.4	-1004.7	0.0158	0.0051	0.0022							
12460	-129.6	-475.2	-2154.4	53.3	159.6	-987.2	0.0158	0.0051	0.0022							
12461	-119.4	-463.5	-2117.5	74.9	225.2	-966.2	0.0158	0.0051	0.0022							
12462	-110.5	-449.3	-2081.9	95.0	287.0	-942.5	0.0158	0.0051	0.0022							
12463	-102.2	-432.7	-2048.1	113.2	344.1	-916.5	0.0158	0.0051	0.0022							
12464	-93.6	-413.9	-2016.2	129.3	396.0	-888.6	0.0158	0.0051	0.0022							
12465	-83.8	-393.1	-1986.1	142.8	442.4	-859.4	0.0158	0.0051	0.0022							
12466	-71.9	-370.1	-1957.4	153.8	483.1	-828.9	0.0158	0.0051	0.0022							
12467	-57.1	-344.5	-1928.2	161.8	517.6	-797.1	0.0158	0.0051	0.0022							
12468	-39.4	-315.7	-1895.2	167.1	545.8	-763.9	0.0158	0.0051	0.0022							
12469	-205.0	-288.1	-2554.0	16.8	83.4	-1023.5	0.0262	0.0051	0.0127	4.05	20.96	8.37	0.00	-0.31	-3.06	0.0
12470	-190.3	-281.1	-2510.3	21.0	142.2	-1002.7	0.0261	0.0052	0.0127	4.09	20.65	8.41	0.00	-0.29	-3.01	0.0
12471	-174.7	-272.4	-2466.0	25.1	200.8	-976.5	0.0259	0.0054	0.0127	4.16	20.06	8.49	0.00	-0.28	-2.96	0.0
12472	-157.9	-261.8	-2421.0	29.1	257.3	-945.4	0.0256	0.0057	0.0127	4.29	19.38	8.65	0.00	-0.26	-2.91	0.0
12473	-139.8	-249.6	-2375.4	32.8	309.0	-910.4	0.0253	0.0061	0.0127	4.49	18.73	8.92	0.00	-0.24	-2.86	0.0
12474	-120.0	-236.1	-2328.7	36.0	354.6	-872.2	0.0248	0.0065	0.0127	4.78	18.17	9.32	0.00	-0.23	-2.81	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12475	-98.6	-221.4	-2280.3	38.9	393.3	-831.8	0.0243	0.0071	0.0127	5.16	17.76	9.86	0.00	-0.22	-2.76	0.0
12476	-75.6	-205.7	-2228.7	41.6	424.8	-790.0	0.0237	0.0076	0.0127	5.67	17.54	10.55	0.00	-0.21	-2.70	0.0
12477	-51.3	-188.7	-2171.8	-45.4	448.7	-747.8	0.0230	0.0083	0.0127	9.74	27.07	17.64	0.00	-0.37	-2.72	0.0
12478	-25.4	-169.1	-2105.6	-59.6	464.1	-705.4	0.0224	0.0090	0.0127	11.30	28.23	19.88	0.00	-0.39	-2.66	0.0
12479	580.2	86.2	-1190.4	404.6	507.9	-514.2	0.0558	0.0151	0.0244	14.90	55.15	34.02	0.00	-0.64	-2.38	0.0
12480	97.2	-43.5	-1476.9	161.5	499.3	-563.7	0.0564	0.0122	0.0244	4.30	19.80	9.91	0.00	-0.09	-2.06	0.0
12481	68.0	-87.8	-1655.2	-107.0	488.8	-584.3	0.0197	0.0116	0.0127	19.53	33.16	30.29	0.00	-0.50	-2.33	0.0
12482	445.2	-224.7	-1243.8	317.6	562.3	-515.3	0.0084	0.0051	0.0140							
12483	215.6	-185.3	-1433.3	297.9	579.3	-570.1	0.0084	0.0051	0.0140							
12484	74.3	-196.8	-1603.7	218.8	586.4	-622.3	0.0084	0.0051	0.0140							
12485	376.8	-266.2	-1281.1	289.9	531.8	-488.5	0.0084	0.0051	0.0140							
12486	250.8	-253.2	-1396.2	302.0	552.4	-535.0	0.0084	0.0051	0.0140							
12487	134.9	-245.4	-1515.7	273.4	569.5	-586.8	0.0125	0.0115	0.0244	26.68	28.95	13.60	0.00	-0.35	-2.27	0.0
12488	-0.9	-148.2	-2025.3	-74.1	472.5	-666.6	0.0217	0.0096	0.0127	13.02	29.32	22.21	0.00	-0.42	-2.60	0.0
12489	-20.2	-286.1	-1852.1	171.2	566.0	-731.6	0.0158	0.0051	0.0022							
12490	35.8	-306.7	-1668.6	225.6	543.0	-651.2	0.0158	0.0051	0.0022							
12491	19.9	-129.9	-1926.4	-85.9	478.8	-632.7	0.0210	0.0103	0.0127	14.75	30.13	24.40	0.00	-0.45	-2.52	0.0
12492	2.4	-257.7	-1795.4	176.3	577.7	-699.0	0.0158	0.0051	0.0022							
12493	54.0	-285.9	-1636.8	234.1	558.9	-637.4	0.0158	0.0051	0.0022							
12494	38.2	-108.3	-1805.2	-99.2	480.0	-602.3	0.0204	0.0110	0.0127	16.75	31.11	26.82	0.00	-0.47	-2.43	0.0
12495	29.3	-222.8	-1721.4	184.1	582.2	-664.1	0.0158	0.0051	0.0022							
12496	76.2	-263.8	-1598.2	245.4	571.5	-621.4	0.0203	0.0110	0.0127	12.88	23.67	20.55	0.00	-0.28	-2.29	0.0
12497	209.5	-277.8	-1414.1	235.7	418.5	-394.9	0.0084	0.0051	0.0140							
12498	218.3	-293.2	-1346.9	259.2	434.4	-402.4	0.0084	0.0051	0.0140							
12499	230.9	-312.6	-1273.2	284.4	459.3	-420.8	0.0084	0.0051	0.0140							
12500	143.4	-313.7	-1438.7	264.3	433.2	-441.3	0.0084	0.0051	0.0140							
12501	149.2	-324.0	-1391.3	287.9	453.0	-450.2	0.0084	0.0051	0.0140							
12502	157.1	-336.7	-1340.6	313.8	479.1	-467.7	0.0084	0.0051	0.0140							
12503	65.5	-358.4	-1486.7	285.0	458.6	-505.0	0.0084	0.0051	0.0140							
12504	70.3	-362.3	-1454.5	305.5	480.6	-512.3	0.0084	0.0051	0.0140							
12505	78.3	-366.5	-1419.7	326.4	508.4	-528.5	0.0126	0.0113	0.0244	22.87	25.38	11.78	0.00	-0.46	-2.11	0.0
12506	123.0	-223.9	-1857.1	32.3	136.4	-501.6	0.0084	0.0051	0.0022							
12507	137.7	-223.3	-1826.4	49.6	191.1	-491.0	0.0084	0.0051	0.0022							
12508	150.3	-224.2	-1792.7	67.3	239.8	-478.4	0.0084	0.0051	0.0022							
12509	161.0	-226.3	-1755.9	85.8	281.8	-464.3	0.0084	0.0051	0.0022							
12510	169.9	-229.7	-1716.2	105.1	316.6	-449.6	0.0084	0.0051	0.0057							
12511	177.4	-234.2	-1673.6	125.2	344.5	-435.1	0.0084	0.0051	0.0057							
12512	183.6	-240.0	-1628.4	146.2	366.1	-421.5	0.0084	0.0051	0.0057							
12513	189.2	-247.0	-1580.7	167.8	382.5	-409.8	0.0084	0.0051	0.0022							
12514	195.0	-255.4	-1530.1	190.1	395.3	-400.8	0.0084	0.0051	0.0022							
12515	201.8	-265.5	-1474.9	212.9	406.5	-395.4	0.0084	0.0051	0.0140							
12516	73.0	-286.5	-1839.9	34.8	127.0	-548.5	0.0158	0.0051	0.0057							
12517	86.7	-284.8	-1808.8	55.6	180.5	-537.1	0.0158	0.0051	0.0057							
12518	97.7	-284.1	-1775.1	76.9	228.7	-523.8	0.0158	0.0051	0.0057							
12519	106.4	-284.3	-1739.0	98.6	270.9	-509.2	0.0158	0.0051	0.0057							
12520	113.2	-285.6	-1700.8	120.9	307.0	-494.2	0.0084	0.0051	0.0057							
12521	118.4	-287.6	-1660.8	143.8	337.1	-479.4	0.0084	0.0051	0.0057							
12522	122.7	-290.6	-1619.5	167.2	361.9	-465.9	0.0084	0.0051	0.0022							
12523	126.6	-294.4	-1577.1	191.2	382.4	-454.4	0.0084	0.0051	0.0022							
12524	131.0	-299.3	-1533.2	215.5	400.0	-445.8	0.0084	0.0051	0.0022							
12525	137.1	-305.6	-1486.2	240.3	416.5	-440.8	0.0084	0.0051	0.0140							
12526	11.7	-368.4	-1838.0	35.9	117.0	-607.6	0.0158	0.0051	0.0057							
12527	24.3	-364.9	-1806.8	60.5	170.1	-595.7	0.0158	0.0051	0.0057							
12528	33.8	-362.0	-1773.9	85.2	218.7	-582.0	0.0158	0.0051	0.0057							
12529	40.7	-359.6	-1739.4	110.1	262.3	-567.4	0.0158	0.0051	0.0057							
12530	45.4	-357.6	-1704.0	135.2	300.8	-552.5	0.0158	0.0051	0.0057							
12531	48.6	-356.2	-1667.9	160.4	334.4	-538.3	0.0158	0.0051	0.0022							
12532	50.8	-355.2	-1631.8	185.7	363.7	-525.5	0.0158	0.0051	0.0022							
12533	52.8	-354.8	-1595.9	211.0	389.7	-515.0	0.0158	0.0051	0.0022							
12534	55.4	-355.1	-1559.9	236.4	413.6	-507.6	0.0158	0.0051	0.0022							
12535	59.7	-356.2	-1522.2	262.1	436.9	-504.1	0.0158	0.0051	0.0022							
12536	-67.1	-478.5	-1878.1	36.4	106.7	-699.6	0.0158	0.0051	0.0022							
12537	-55.2	-472.6	-1846.8	65.0	161.0	-686.9	0.0158	0.0051	0.0022							
12538	-46.7	-466.6	-1814.8	93.5	211.8	-672.9	0.0158	0.0051	0.0022							
12539	-41.1	-460.5	-1782.5	121.7	258.6	-658.2	0.0158	0.0051	0.0022							
12540	-37.7	-454.4	-1750.3	149.5	301.4	-643.6	0.0158	0.0051	0.0022							
12541	-35.8	-448.3	-1718.7	176.8	340.4	-630.0	0.0158	0.0051	0.0022							
12542	-34.8	-442.2	-1688.2	203.5	376.2	-618.2	0.0158	0.0051	0.0022							
12543	-33.7	-436.4	-1659.1	229.5	409.6	-609.0	0.0158	0.0051	0.0022							
12544	-31.7	-430.8	-1631.1	254.8	441.9	-603.5	0.0158	0.0051	0.0022							
12545	-28.1	-425.6	-1602.6	279.4	474.3	-602.6	0.0158	0.0051	0.0022							
12546	-167.6	-642.6	-1953.8	38.1	96.6	-866.0	0.0158	0.0051	0.0022							
12547	-156.1	-633.1	-1923.1	72.5	155.1	-852.1	0.0158	0.0051	0.0022							
12548	-148.3	-622.3	-1894.3	106.2	211.5	-837.6	0.0158	0.0051	0.0022							
12549	-143.6	-610.3	-1867.3	138.8	265.4	-823.0	0.0158	0.0051	0.0022							
12550	-141.1	-597.3	-1842.6	170.1	316.6	-809.0	0.0158	0.0051	0.0022							
12551	-140.0	-583.5	-1820.8	199.8	365.3	-796.3	0.0158	0.0051	0.0022							
12552	-139.4	-569.1	-1802.2	227.6	411.8	-785.6	0.0158	0.0051	0.0022							
12553	-138.0	-554.3	-1787.3	253.4	457.0	-777.8	0.0158	0.0051	0.0022							
12554	-134.6	-539.2	-1775.9	276.8	502.0	-773.6	0.0158	0.0051	0.0022							
12555	-128.1	-523.8	-1765.9	297.7	547.8	-773.9	0.0158	0.0051	0.0022							
12556	-410.0	-885.2	-2764.7	42.7	107.6	-1508.6	0.0262	0.0051	0.0127				-0.05	-0.41	-3.61	
12557	-396.4	-869.4	-2725.9	77.2	190.4	-1485.8	0.0261	0.0052	0.0127				-0.04	-0.39	-3.56	
12558	-385.5	-850.6	-2690.2	110.2	272.6	-1458.6	0.0259	0.0054	0.0127				-0.04	-0.36	-3.52	
12559	-376.3	-829.0	-2657.6	141.5	354.7	-1427.9	0.0256	0.0057	0.0127				-0.04	-0.34	-3.49	
12560	-367.5	-805.1	-2628.3	170.4	434.1	-1394.5	0.0252	0.0061	0.0127				-0.04	-0.31	-3.45	
12561	-357.9	-779.3	-2602.0	196.8	509.4	-1359.2	0.0248	0.0065	0.0127				-0.04	-0.28	-3.42	
12562	-346.1	-752.3	-2578.2	220.5	580.5	-1322.8	0.0242	0.0071	0.0127				-0.03	-0.25	-3.40	
12563	-330.9	-724.3	-2555.5	241.5	647.3	-1286.1	0.0236	0.0077	0.0127				-0.02	-0.22	-3.37	
12564	-310.9	-695.7	-2531.8	259.9	710.1	-1250.0	0.0230	0.0083	0.0127				0.00	-0.19	-3.35	
12565	-284.1	-666.3	-2503.5	275.8	769.3	-1216.1	0.0223	0.0090	0.0127	1.29	3.18	2.26	0.00	-0.19	-3.35	0.0
12566	356.2	-355.1	-1463.8	498.2	759.5	-852.7	0.0557	0.0129	0.0244	12.22	52.63	27.85	0.00	-0.58	-2.92	0.0
12567	-6.2	-452.7	-1805.7	376.5	867.0	-963.6	0.0563	0.0123	0.0244	6.11	27.90	14.07	0.00	-0.31	-2.99	0.0
12568	-78.1	-522.5	-2065.4	339.1	901.0	-1044.2	0.0196	0.0117	0.0127	14.25	23.90	22.00	0.00	-0.31	-3.20	0.0
12569	276.7	-372.2	-1200.0	382.4	591.3	-562.9	0.0531	0.0051	0.0140							
12570	101.4	-383.7	-1387.2	389.6	624.6	-640.5	0.0084	0.0051	0.0140							
12571	-16.6	-432.1	-1572.7	359.6	663.1	-729.7	0.0084	0.0051	0.0140							
12572	245.6	-340.5	-1212.8	319.4	507.1	-465.4	0.0084	0.0051	0.0140							
12573	149.5	-357.9	-1321.3	348.6	530.9	-518.6	0.0084	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12574	53.2	-386.3	-1437.9	349.0	557.9	-587.0	0.0124	0.0116	0.0244	23.23	24.81	11.75	0.00	-0.43	-2.20	0.0
12575	-248.1	-635.2	-2452.4	289.5	821.9	-1181.1	0.0216	0.0097	0.0127	3.49	7.77	5.93	0.00	-0.21	-3.36	0.0
12576	-116.6	-507.6	-1747.8	314.9	588.5	-773.8	0.0158	0.0051	0.0022							
12577	-22.2	-420.8	-1574.2	300.1	503.5	-605.2	0.0158	0.0051	0.0022							
12578	-204.0	-603.5	-2370.4	302.7	862.8	-1142.7	0.0209	0.0104	0.0127	6.32	12.76	10.41	0.00	-0.24	-3.34	0.0
12579	-97.2	-489.7	-1719.8	328.9	624.4	-771.6	0.0158	0.0051	0.0022							
12580	-11.6	-415.0	-1545.4	317.5	530.2	-609.2	0.0158	0.0051	0.0022							
12581	-152.7	-570.2	-2258.2	317.0	895.3	-1107.7	0.0203	0.0110	0.0127	9.90	18.18	15.80	0.00	-0.27	-3.31	0.0
12582	-69.5	-470.3	-1683.1	342.7	660.8	-774.1	0.0158	0.0051	0.0022							
12583	3.1	-409.7	-1513.8	335.8	559.2	-616.4	0.0202	0.0111	0.0127	11.29	20.49	17.94	0.00	-0.38	-2.23	0.0
12584	-239.2	-302.7	-2254.5	-109.8	-762.5	-604.0	0.0084	0.0051	0.0022							
12585	-274.3	-302.5	-2298.7	-98.9	-813.1	-594.2	0.0084	0.0051	0.0022							
12586	-294.6	-299.5	-2368.5	-79.3	-854.1	-582.4	0.0084	0.0051	0.0022							
12587	-250.4	-307.6	-2313.4	-101.1	-761.9	-645.9	0.0084	0.0051	0.0022							
12588	-273.1	-302.2	-2361.0	-87.5	-803.9	-631.4	0.0084	0.0051	0.0022							
12589	-284.7	-294.4	-2424.8	-67.6	-836.8	-613.2	0.0084	0.0051	0.0022							
12590	-254.8	-303.2	-2397.6	-83.5	-756.6	-685.9	0.0084	0.0051	0.0022							
12591	-266.9	-295.3	-2439.4	-69.7	-789.1	-665.4	0.0084	0.0051	0.0022							
12592	-270.9	-284.2	-2488.3	-51.4	-813.7	-640.4	0.0128	0.0112	0.0127	7.12	8.13	7.15	0.00	-0.32	-3.00	0.0
12593	143.8	-272.5	-2110.2	23.8	43.9	-640.6	0.0084	0.0051	0.0022							
12594	124.7	-275.1	-2143.3	-31.8	-96.2	-647.9	0.0084	0.0051	0.0022							
12595	100.9	-277.9	-2169.2	-45.4	-175.8	-652.3	0.0084	0.0051	0.0022							
12596	71.8	-281.0	-2188.0	-59.2	-256.8	-653.9	0.0084	0.0051	0.0057							
12597	37.4	-284.4	-2200.1	-72.8	-337.9	-652.6	0.0084	0.0051	0.0057							
12598	-2.2	-287.9	-2206.8	-85.7	-417.8	-648.7	0.0084	0.0051	0.0057							
12599	-46.6	-291.5	-2209.7	-97.2	-495.3	-642.5	0.0084	0.0051	0.0057							
12600	-94.8	-295.0	-2211.8	-106.5	-569.5	-634.4	0.0084	0.0051	0.0022							
12601	-145.1	-298.2	-2216.6	-112.6	-639.4	-625.0	0.0084	0.0051	0.0022							
12602	-194.7	-300.8	-2229.1	-114.2	-704.4	-614.8	0.0084	0.0051	0.0022							
12603	95.9	-307.9	-2093.2	21.6	34.0	-707.8	0.0084	0.0051	0.0057							
12604	77.3	-310.4	-2128.0	-35.5	-102.2	-715.0	0.0084	0.0051	0.0057							
12605	53.9	-312.5	-2156.5	-50.4	-182.2	-718.8	0.0084	0.0051	0.0057							
12606	25.5	-314.2	-2179.2	-65.1	-263.6	-719.2	0.0084	0.0051	0.0057							
12607	-7.8	-315.4	-2196.7	-78.9	-344.9	-716.2	0.0084	0.0051	0.0057							
12608	-45.6	-316.1	-2210.5	-91.3	-424.8	-710.1	0.0084	0.0051	0.0057							
12609	-87.1	-316.1	-2222.6	-101.5	-502.2	-701.2	0.0084	0.0051	0.0022							
12610	-130.9	-315.3	-2235.6	-108.5	-575.9	-689.9	0.0084	0.0051	0.0022							
12611	-175.1	-313.6	-2252.8	-111.4	-645.1	-676.5	0.0084	0.0051	0.0022							
12612	-216.8	-310.9	-2278.1	-109.1	-709.0	-661.4	0.0084	0.0051	0.0022							
12613	41.4	-339.7	-2105.8	-21.3	-28.8	-781.3	0.0158	0.0051	0.0057							
12614	23.7	-341.9	-2142.4	-36.8	-106.3	-788.5	0.0158	0.0051	0.0057							
12615	1.5	-342.8	-2174.2	-52.2	-186.8	-791.6	0.0158	0.0051	0.0057							
12616	-25.2	-342.4	-2201.8	-66.7	-268.7	-790.7	0.0158	0.0051	0.0057							
12617	-56.0	-340.7	-2226.1	-79.6	-350.3	-785.9	0.0158	0.0051	0.0057							
12618	-90.3	-337.5	-2248.3	-90.2	-430.4	-777.3	0.0158	0.0051	0.0022							
12619	-126.8	-332.9	-2270.4	-97.8	-507.5	-765.0	0.0158	0.0051	0.0022							
12620	-164.1	-326.9	-2294.5	-101.6	-580.5	-749.5	0.0158	0.0051	0.0022							
12621	-200.0	-319.5	-2323.1	-100.5	-648.3	-730.6	0.0158	0.0051	0.0022							
12622	-232.1	-311.0	-2358.8	-94.1	-709.8	-708.3	0.0158	0.0051	0.0022							
12623	-19.3	-355.1	-2172.3	-19.1	-31.2	-865.9	0.0158	0.0051	0.0022							
12624	-35.5	-356.9	-2211.1	-33.5	-109.1	-873.1	0.0158	0.0051	0.0022							
12625	-55.5	-356.2	-2246.9	-47.2	-190.1	-875.1	0.0158	0.0051	0.0022							
12626	-78.9	-353.2	-2280.1	-59.5	-272.3	-872.1	0.0158	0.0051	0.0022							
12627	-105.2	-347.7	-2311.4	-69.5	-353.9	-863.9	0.0158	0.0051	0.0022							
12628	-133.4	-340.1	-2341.8	-76.6	-433.4	-850.6	0.0158	0.0051	0.0022							
12629	-162.3	-330.5	-2372.3	-80.2	-509.1	-832.3	0.0158	0.0051	0.0022							
12630	-190.2	-319.3	-2404.4	-79.7	-579.7	-809.0	0.0158	0.0051	0.0022							
12631	-215.3	-306.6	-2439.2	-74.7	-643.7	-780.6	0.0158	0.0051	0.0022							
12632	-235.5	-292.8	-2477.7	-64.5	-699.5	-746.7	0.0158	0.0051	0.0022							
12633	-77.0	-311.8	-2312.1	-12.0	-31.5	-924.2	0.0158	0.0051	0.0022							
12634	-91.0	-313.2	-2353.1	-20.9	-107.8	-931.0	0.0158	0.0051	0.0022							
12635	-107.0	-311.4	-2391.8	-29.0	-186.9	-930.9	0.0158	0.0051	0.0022							
12636	-124.7	-306.8	-2428.3	-35.4	-266.5	-923.9	0.0158	0.0051	0.0022							
12637	-143.4	-299.5	-2462.6	-39.3	-344.7	-910.0	0.0158	0.0051	0.0022							
12638	-162.5	-290.2	-2495.2	-40.8	-419.7	-889.3	0.0158	0.0051	0.0022							
12639	-180.8	-279.4	-2526.4	-40.1	-490.0	-862.1	0.0158	0.0051	0.0022							
12640	-197.1	-267.7	-2556.3	-36.6	-554.0	-828.7	0.0158	0.0051	0.0022							
12641	-210.2	-255.9	-2585.1	-29.6	-610.3	-789.4	0.0158	0.0051	0.0022							
12642	-219.1	-244.4	-2612.7	-19.1	-657.4	-744.5	0.0158	0.0051	0.0022							
12643	-123.1	-223.1	-2488.4	10.7	-28.0	-868.3	0.0262	0.0051	0.0127	2.79	14.45	5.77	0.00	-0.20	-2.86	0.0
12644	-134.5	-225.2	-2530.3	6.5	-95.4	-875.3	0.0261	0.0052	0.0127	2.90	14.67	5.97	0.00	-0.21	-2.90	0.0
12645	-146.1	-225.5	-2568.8	-6.0	-165.2	-875.3	0.0259	0.0054	0.0127	2.91	14.02	5.93	0.00	-0.22	-2.94	0.0
12646	-158.0	-224.3	-2603.8	-7.8	-235.3	-868.3	0.0256	0.0057	0.0127	3.06	13.83	6.17	0.00	-0.24	-2.98	0.0
12647	-169.7	-221.9	-2635.0	-8.7	-304.1	-854.5	0.0253	0.0060	0.0127	3.23	13.50	6.43	0.00	-0.25	-3.02	0.0
12648	-180.9	-218.8	-2662.4	-8.1	-370.2	-834.4	0.0248	0.0065	0.0127	3.43	13.06	6.69	0.00	-0.27	-3.05	0.0
12649	-191.4	-215.4	-2686.0	9.2	-432.4	-808.3	0.0243	0.0070	0.0127	4.12	14.21	7.86	0.00	-0.30	-3.09	0.0
12650	-200.6	-212.4	-2705.5	14.9	-489.7	-777.1	0.0237	0.0076	0.0127	4.43	13.78	8.26	0.00	-0.32	-3.11	0.0
12651	-208.4	-210.4	-2721.0	22.1	-541.2	-741.6	0.0231	0.0082	0.0127	4.74	13.26	8.60	0.00	-0.34	-3.13	0.0
12652	-214.4	-210.0	-2732.2	30.4	-586.5	-702.5	0.0224	0.0089	0.0127	5.02	12.64	8.86	0.00	-0.36	-3.14	0.0
12653	-226.6	-252.6	-2699.2	66.8	-771.8	-468.2	0.0112	0.0127	0.0127	10.37	9.10	9.13	0.00	-0.42	-3.10	0.0
12654	-226.6	-241.5	-2714.8	63.8	-745.8	-506.5	0.0118	0.0121	0.0127	9.83	9.54	9.11	0.00	-0.41	-3.12	0.0
12655	-227.5	-231.3	-2729.7	59.9	-717.7	-544.0	0.0124	0.0115	0.0127	9.22	9.93	9.00	0.00	-0.40	-3.13	0.0
12656	-246.8	-264.3	-2591.7	37.9	-840.9	-523.6	0.0084	0.0051	0.0022							
12657	-234.9	-251.5	-2623.2	42.6	-804.9	-553.8	0.0084	0.0051	0.0022							
12658	-225.5	-238.4	-2652.8	46.4	-766.3	-581.0	0.0084	0.0051	0.0022							
12659	-288.8	-288.5	-2472.9	-46.2	-874.1	-563.6	0.0084	0.0051	0.0022							
12660	-273.4	-279.0	-2518.5	-35.5	-845.7	-592.0	0.0084	0.0051	0.0022							
12661	-257.8	-266.8	-2564.8	-23.7	-812.2	-616.6	0.0125	0.0114	0.0127	8.44	9.28	8.32	0.00	-0.35	-3.06	0.0
12662	-219.7	-211.6	-2738.0	38.4	-625.4	-663.2	0.0217	0.0096	0.0127	5.25	11.95	8.99	0.00	-0.37	-3.14	0.0
12663	-223.4	-235.8	-2633.5	14.5	-693.0	-700.6	0.0158	0.0051	0.0022							
12664	-247.7	-280.7	-2512.2	-51.8	-739.9	-713.8	0.0158	0.0051	0.0022							
12665	-223.9	-216.0	-2739.3	46.2	-659.7	-623.2	0.0211	0.0102	0.0127	5.43	11.21	9.02	0.00	-0.38	-3.14	0.0
12666	-224.6	-231.9	-2648.2	28.3	-719.6	-658.1	0.0158	0.0051	0.0022							
12667	-252.2	-271.7	-2541.9	-38.8	-767.1	-681.8	0.0158	0.0051	0.0022							
12668	-226.3	-222.8	-2737.9	53.4	-689.4	-582.9	0.0204	0.0109	0.0127	5.58	10.48	8.97	0.00	-0.39	-3.14	0.0
12669	-223.3	-230.3	-2660.8	41.5	-739.3	-614.3	0.0158	0.0051	0.0022							
12670	-251.8	-264.4	-2572.6	-24.7	-786.8	-646.2	0.0130	0.0110	0.0127	8.19	9.69	8.36	0.00	-0.34	-3.07	0.0
12671	-320.9	-350.4	-2139.4	-147.8	-698.2	-583.3	0.0084	0.0051	0.0022							
12672	-379.9	-367.4	-2192.6	-148.2	-771.2	-593.3	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12673	-432.4	-385.6	-2281.2	-141.4	-853.4	-609.8	0.0084	0.0051	0.0022							
12674	-350.1	-378.8	-2200.9	-152.0	-720.5	-644.1	0.0084	0.0051	0.0022							
12675	-395.5	-388.8	-2261.4	-148.3	-788.6	-652.0	0.0084	0.0051	0.0022							
12676	-434.7	-398.9	-2349.2	-138.0	-861.9	-662.9	0.0084	0.0051	0.0022							
12677	-376.7	-405.4	-2296.6	-149.0	-749.8	-717.5	0.0084	0.0051	0.0022							
12678	-407.8	-408.5	-2356.6	-141.8	-809.3	-718.6	0.0084	0.0051	0.0022							
12679	-432.5	-409.3	-2434.4	-128.2	-870.9	-720.2	0.0127	0.0113	0.0127				-0.02	-0.29	-2.96	
12680	118.9	-264.2	-1985.8	-21.9	58.2	-580.0	0.0084	0.0051	0.0022							
12681	98.0	-267.3	-2014.1	-35.8	-73.5	-586.3	0.0084	0.0051	0.0022							
12682	72.5	-271.4	-2036.7	-50.3	-145.4	-590.2	0.0084	0.0051	0.0022							
12683	41.8	-276.6	-2053.7	-65.2	-217.8	-591.6	0.0084	0.0051	0.0057							
12684	5.5	-283.0	-2065.6	-80.3	-289.5	-591.0	0.0084	0.0051	0.0057							
12685	-36.8	-290.5	-2073.1	-95.4	-360.0	-588.7	0.0084	0.0051	0.0057							
12686	-85.1	-299.3	-2078.1	-109.8	-428.7	-585.5	0.0084	0.0051	0.0057							
12687	-138.9	-309.6	-2083.0	-123.0	-495.9	-582.3	0.0084	0.0051	0.0022							
12688	-197.3	-321.5	-2091.5	-134.4	-562.4	-580.1	0.0084	0.0051	0.0022							
12689	-259.1	-335.1	-2108.4	-143.1	-629.6	-580.2	0.0084	0.0051	0.0022							
12690	68.2	-316.1	-1969.5	-24.4	49.0	-642.8	0.0158	0.0051	0.0057							
12691	47.5	-319.2	-1999.5	-41.1	-78.4	-649.4	0.0158	0.0051	0.0057							
12692	21.9	-322.9	-2024.8	-58.0	-150.5	-653.4	0.0084	0.0051	0.0057							
12693	-8.9	-327.2	-2045.5	-75.1	-223.5	-654.8	0.0084	0.0051	0.0057							
12694	-45.2	-332.1	-2062.4	-91.8	-296.3	-654.0	0.0084	0.0051	0.0057							
12695	-87.1	-337.7	-2076.7	-107.7	-368.3	-651.6	0.0084	0.0051	0.0057							
12696	-134.1	-343.9	-2090.3	-122.3	-439.3	-648.3	0.0084	0.0051	0.0022							
12697	-185.8	-351.1	-2105.9	-134.9	-509.6	-645.0	0.0084	0.0051	0.0022							
12698	-240.8	-359.3	-2126.8	-144.8	-579.9	-642.5	0.0084	0.0051	0.0022							
12699	-297.5	-368.6	-2157.6	-150.9	-651.5	-641.9	0.0084	0.0051	0.0022							
12700	7.6	-376.4	-1979.5	-25.9	39.5	-720.3	0.0158	0.0051	0.0057							
12701	-12.6	-379.5	-2011.5	-45.0	-82.7	-727.6	0.0158	0.0051	0.0057							
12702	-37.6	-382.5	-2040.2	-64.2	-156.0	-732.2	0.0158	0.0051	0.0057							
12703	-67.8	-385.3	-2065.8	-82.9	-230.7	-734.1	0.0158	0.0051	0.0057							
12704	-103.2	-387.9	-2089.4	-100.7	-305.9	-733.8	0.0158	0.0051	0.0057							
12705	-143.4	-390.4	-2112.2	-116.9	-381.1	-731.8	0.0158	0.0051	0.0022							
12706	-187.8	-392.9	-2136.3	-131.0	-455.9	-728.8	0.0158	0.0051	0.0022							
12707	-235.6	-395.6	-2164.1	-142.1	-530.6	-725.3	0.0158	0.0051	0.0022							
12708	-285.3	-398.4	-2198.7	-149.3	-605.7	-722.1	0.0158	0.0051	0.0022							
12709	-335.1	-401.7	-2244.5	-151.8	-682.1	-719.4	0.0158	0.0051	0.0022							
12710	-63.6	-440.2	-2033.0	-25.4	29.6	-828.6	0.0158	0.0051	0.0022							
12711	-82.8	-443.3	-2067.5	-46.1	-88.4	-836.7	0.0158	0.0051	0.0022							
12712	-106.7	-445.1	-2100.7	-66.3	-164.8	-842.1	0.0158	0.0051	0.0022							
12713	-135.3	-445.6	-2133.1	-85.6	-243.2	-844.7	0.0158	0.0051	0.0022							
12714	-168.3	-444.9	-2165.7	-103.2	-322.8	-844.9	0.0158	0.0051	0.0022							
12715	-205.0	-443.0	-2199.6	-118.4	-402.7	-842.8	0.0158	0.0051	0.0022							
12716	-244.7	-440.0	-2236.8	-130.4	-482.7	-838.9	0.0158	0.0051	0.0022							
12717	-286.0	-436.2	-2279.3	-138.2	-562.6	-833.2	0.0158	0.0051	0.0022							
12718	-327.3	-431.5	-2329.9	-140.9	-642.4	-825.9	0.0158	0.0051	0.0022							
12719	-366.6	-426.2	-2391.6	-137.5	-722.1	-816.6	0.0158	0.0051	0.0022							
12720	-156.2	-489.8	-2230.4	-20.9	-20.6	-1017.6	0.0158	0.0051	0.0022							
12721	-174.1	-492.9	-2268.9	-39.8	-100.8	-1026.3	0.0158	0.0051	0.0022							
12722	-195.5	-492.8	-2308.6	-57.7	-184.2	-1030.8	0.0158	0.0051	0.0022							
12723	-220.0	-489.5	-2349.5	-73.9	-269.5	-1030.8	0.0158	0.0051	0.0022							
12724	-247.2	-483.4	-2392.3	-87.4	-355.6	-1026.2	0.0158	0.0051	0.0022							
12725	-276.2	-474.6	-2437.8	-97.4	-441.4	-1016.8	0.0158	0.0051	0.0022							
12726	-305.8	-463.5	-2486.7	-103.2	-526.0	-1002.5	0.0158	0.0051	0.0022							
12727	-334.4	-450.5	-2540.3	-103.9	-608.4	-983.1	0.0158	0.0051	0.0022							
12728	-359.7	-435.8	-2599.4	-98.6	-687.2	-957.9	0.0158	0.0051	0.0022							
12729	-379.7	-419.7	-2665.3	-86.6	-761.3	-926.2	0.0158	0.0051	0.0022							
12730	-219.2	-293.6	-2596.8	13.3	23.1	-1038.2	0.0262	0.0051	0.0127	4.01	20.75	8.29	0.00	-0.32	-3.10	0.0
12731	-232.8	-296.1	-2638.6	10.3	-98.6	-1046.0	0.0261	0.0052	0.0127	4.17	21.02	8.57	0.00	-0.34	-3.15	0.0
12732	-245.9	-295.3	-2679.9	8.7	-177.0	-1046.0	0.0259	0.0054	0.0127	4.35	20.94	8.87	0.00	-0.36	-3.20	0.0
12733	-258.2	-292.1	-2720.7	9.3	-255.9	-1038.5	0.0256	0.0057	0.0127	4.60	20.74	9.27	0.00	-0.38	-3.24	0.0
12734	-269.4	-286.8	-2760.7	12.5	-333.8	-1023.2	0.0252	0.0061	0.0127	4.92	20.48	9.78	0.00	-0.40	-3.29	0.0
12735	-278.7	-279.9	-2799.8	19.0	-409.1	-1000.2	0.0248	0.0065	0.0127	5.34	20.24	10.41	0.00	-0.42	-3.33	0.0
12736	-285.3	-272.1	-2837.8	29.1	-480.4	-969.6	0.0242	0.0071	0.0127	5.85	20.06	11.16	0.00	-0.45	-3.37	0.0
12737	-288.1	-263.9	-2874.3	43.1	-546.0	-931.7	0.0237	0.0077	0.0127	6.47	19.96	12.04	0.00	-0.47	-3.41	0.0
12738	-286.0	-256.1	-2908.9	60.7	-604.4	-886.7	0.0230	0.0083	0.0127	7.20	19.95	13.03	0.00	-0.50	-3.45	0.0
12739	-276.9	-248.2	-2940.7	82.5	-652.8	-834.3	0.0223	0.0090	0.0127	8.08	20.14	14.21	0.00	-0.53	-3.48	0.0
12740	-230.5	-325.7	-2968.4	120.0	-880.4	-558.2	0.0111	0.0128	0.0127	17.54	15.14	15.30	0.00	-0.60	-3.51	0.0
12741	-219.9	-299.1	-2984.4	133.5	-832.5	-595.6	0.0117	0.0122	0.0127	17.78	16.98	16.35	0.00	-0.61	-3.52	0.0
12742	-212.5	-271.4	-2997.6	146.1	-780.4	-627.5	0.0197	0.0116	0.0127	11.11	18.85	17.22	0.00	-0.61	-3.53	0.0
12743	-447.5	-408.6	-2711.9	-64.8	-1033.1	-661.1	0.0084	0.0051	0.0022							
12744	-424.4	-400.6	-2769.2	-50.3	-998.9	-711.3	0.0084	0.0051	0.0022							
12745	-398.1	-386.8	-2828.0	-32.2	-955.3	-755.5	0.0084	0.0051	0.0022							
12746	-465.9	-402.3	-2434.1	-120.0	-948.2	-636.1	0.0084	0.0051	0.0022							
12747	-454.2	-407.0	-2501.7	-112.0	-941.4	-687.9	0.0084	0.0051	0.0022							
12748	-438.9	-408.2	-2580.7	-99.0	-929.0	-739.4	0.0124	0.0115	0.0127	1.53	1.65	1.49	0.00	-0.34	-3.14	0.0
12749	-262.1	-243.1	-2965.4	105.3	-690.9	-779.7	0.0217	0.0096	0.0127	9.06	20.37	15.45	0.00	-0.55	-3.51	0.0
12750	-392.5	-405.4	-2724.9	-71.1	-824.0	-891.2	0.0158	0.0051	0.0022							
12751	-396.7	-421.0	-2452.7	-129.2	-789.6	-806.3	0.0158	0.0051	0.0022							
12752	-245.6	-245.3	-2982.6	124.5	-723.6	-724.3	0.0210	0.0103	0.0127	9.88	20.15	16.34	0.00	-0.58	-3.52	0.0
12753	-396.1	-394.7	-2776.7	-53.9	-873.0	-851.0	0.0158	0.0051	0.0022							
12754	-415.1	-416.0	-2512.6	-117.3	-844.6	-792.9	0.0158	0.0051	0.0022							
12755	-224.0	-250.2	-2996.3	143.6	-747.0	-666.8	0.0203	0.0110	0.0127	10.76	19.96	17.22	0.00	-0.60	-3.53	0.0
12756	-390.1	-383.3	-2830.8	-33.3	-912.3	-803.9	0.0158	0.0051	0.0022							
12757	-426.6	-411.3	-2584.2	-100.7	-896.6	-775.0	0.0129	0.0111	0.0127	1.54	1.79	1.56	0.00	-0.34	-3.14	0.0
12758	-367.1	-359.2	-2016.5	-182.7	-574.1	-510.0	0.0084	0.0051	0.0022							
12759	-453.9	-395.0	-2058.6	-199.9	-642.6	-523.8	0.0084	0.0051	0.0022							
12760	-553.4	-440.1	-2130.5	-218.8	-729.8	-548.0	0.0084	0.0051	0.0022							
12761	-418.3	-412.5	-2062.2	-206.0	-598.9	-565.8	0.0084	0.0051	0.0022							
12762	-495.4	-443.3	-2111.7	-222.1	-667.7	-581.1	0.0084	0.0051	0.0022							
12763	-581.5	-481.6	-2185.5	-238.7	-750.9	-605.2	0.0084	0.0051	0.0022							
12764	-478.3	-479.3	-2135.8	-232.2	-637.5	-640.1	0.0084	0.0051	0.0022							
12765	-543.4	-501.9	-2187.4	-245.5	-704.1	-652.4	0.0084	0.0051	0.0022							
12766	-615.4	-530.5	-2256.4	-259.5	-783.7	-674.0	0.0126	0.0114	0.0127				-0.29	-0.31	-2.80	
12767	105.8	-225.8	-1884.8	-22.5	77.0	-509.9	0.0084	0.0051	0.0022							
12768	85.4	-229.1	-1909.1	-36.3	-50.0	-515.1	0.0084	0.0051	0.0022							
12769	60.9	-234.0	-1929.4	-50.8	-113.6	-517.5	0.0084	0.0051	0.0022							
12770	31.6	-240.6	-1945.4	-66.1	-176.4	-517.5	0.0084	0.0051	0.0057							
12771	-3.6	-249.2	-1957.0	-82.2	-237.2	-515.6	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12772	-45.5	-259.8	-1964.7	-98.9	-295.3	-512.3	0.0084	0.0051	0.0057							
12773	-94.6	-272.8	-1969.6	-115.9	-351.0	-508.6	0.0084	0.0051	0.0057							
12774	-151.2	-288.5	-1973.7	-132.9	-404.9	-505.5	0.0084	0.0051	0.0022							
12775	-215.6	-307.6	-1980.0	-149.8	-458.5	-503.9	0.0084	0.0051	0.0022							
12776	-287.8	-330.9	-1992.7	-166.5	-514.2	-505.2	0.0084	0.0051	0.0022							
12777	56.4	-289.1	-1868.6	-25.5	68.5	-557.3	0.0158	0.0051	0.0057							
12778	35.9	-292.6	-1894.5	-42.9	-52.6	-562.9	0.0158	0.0051	0.0057							
12779	10.8	-297.5	-1916.7	-60.9	-115.4	-565.8	0.0158	0.0051	0.0057							
12780	-19.6	-303.9	-1935.3	-79.5	-177.7	-566.2	0.0084	0.0051	0.0057							
12781	-56.1	-311.8	-1950.5	-98.5	-238.8	-564.8	0.0084	0.0051	0.0057							
12782	-99.3	-321.6	-1963.1	-117.6	-298.3	-562.2	0.0084	0.0051	0.0057							
12783	-149.4	-333.4	-1974.6	-136.5	-356.5	-559.4	0.0084	0.0051	0.0022							
12784	-206.7	-347.8	-1987.1	-155.1	-414.1	-557.3	0.0084	0.0051	0.0022							
12785	-271.1	-365.4	-2003.6	-173.0	-472.9	-557.0	0.0084	0.0051	0.0022							
12786	-343.0	-387.1	-2027.8	-190.3	-535.1	-559.5	0.0084	0.0051	0.0022							
12787	-4.4	-372.0	-1867.6	-27.9	59.1	-617.1	0.0158	0.0051	0.0057							
12788	-24.8	-375.8	-1895.1	-49.6	-54.7	-623.6	0.0158	0.0051	0.0057							
12789	-50.5	-380.6	-1920.0	-71.6	-117.4	-627.6	0.0158	0.0051	0.0057							
12790	-81.8	-386.4	-1942.3	-93.8	-180.7	-629.3	0.0158	0.0051	0.0057							
12791	-119.3	-393.3	-1962.8	-116.0	-243.8	-629.4	0.0158	0.0051	0.0057							
12792	-163.4	-401.6	-1982.4	-138.0	-306.6	-628.6	0.0158	0.0051	0.0022							
12793	-214.3	-411.7	-2002.7	-159.3	-369.4	-627.6	0.0158	0.0051	0.0022							
12794	-272.0	-423.9	-2025.7	-179.8	-433.1	-627.5	0.0158	0.0051	0.0022							
12795	-336.9	-439.3	-2054.3	-199.3	-499.3	-629.2	0.0158	0.0051	0.0022							
12796	-408.9	-458.6	-2092.1	-217.7	-569.8	-633.7	0.0158	0.0051	0.0022							
12797	-82.8	-483.5	-1908.6	-29.7	48.2	-710.0	0.0158	0.0051	0.0022							
12798	-103.3	-487.9	-1938.2	-56.1	-58.6	-717.7	0.0158	0.0051	0.0022							
12799	-129.4	-492.7	-1966.6	-82.7	-123.9	-723.3	0.0158	0.0051	0.0022							
12800	-161.4	-497.8	-1994.2	-109.3	-190.8	-727.1	0.0158	0.0051	0.0022							
12801	-199.7	-503.4	-2021.5	-135.5	-258.9	-729.5	0.0158	0.0051	0.0022							
12802	-244.5	-509.8	-2049.8	-161.1	-328.0	-731.1	0.0158	0.0051	0.0022							
12803	-296.0	-517.3	-2080.5	-185.6	-398.5	-732.7	0.0158	0.0051	0.0022							
12804	-354.2	-526.6	-2115.7	-208.7	-471.5	-735.1	0.0158	0.0051	0.0022							
12805	-419.4	-538.4	-2158.4	-230.1	-548.5	-739.4	0.0158	0.0051	0.0022							
12806	-491.9	-553.9	-2212.1	-249.8	-631.6	-746.7	0.0158	0.0051	0.0022							
12807	-183.3	-649.9	-1985.6	-31.5	35.3	-877.9	0.0158	0.0051	0.0022							
12808	-204.2	-655.5	-2018.0	-64.3	-70.5	-887.4	0.0158	0.0051	0.0022							
12809	-231.1	-660.2	-2051.9	-97.2	-143.4	-895.5	0.0158	0.0051	0.0022							
12810	-264.2	-664.0	-2088.2	-129.8	-219.2	-902.6	0.0158	0.0051	0.0022							
12811	-303.9	-667.0	-2127.7	-161.7	-297.5	-908.8	0.0158	0.0051	0.0022							
12812	-350.2	-669.6	-2171.7	-192.2	-378.7	-914.5	0.0158	0.0051	0.0022							
12813	-403.1	-672.2	-2221.9	-220.6	-463.1	-920.0	0.0158	0.0051	0.0022							
12814	-462.5	-675.2	-2281.0	-246.3	-551.9	-925.9	0.0158	0.0051	0.0022							
12815	-528.2	-679.4	-2352.3	-268.5	-646.9	-932.9	0.0158	0.0051	0.0022							
12816	-600.2	-685.7	-2439.6	-286.7	-749.9	-941.4	0.0158	0.0051	0.0022							
12817	-426.8	-897.1	-2805.7	-27.4	-28.0	-1525.4	0.0262	0.0051	0.0127				-0.05	-0.43	-3.65	
12818	-447.9	-905.2	-2849.8	-62.5	-132.3	-1537.2	0.0261	0.0052	0.0127				-0.06	-0.44	-3.70	
12819	-474.2	-909.7	-2899.1	-97.2	-240.6	-1544.5	0.0259	0.0054	0.0127				-0.07	-0.46	-3.76	
12820	-505.7	-911.1	-2953.6	-130.8	-352.4	-1546.7	0.0256	0.0057	0.0127				-0.07	-0.47	-3.83	
12821	-542.6	-909.4	-3013.9	-162.4	-467.4	-1543.7	0.0252	0.0061	0.0127				-0.08	-0.49	-3.90	
12822	-584.5	-905.3	-3080.6	-191.4	-585.2	-1535.4	0.0248	0.0066	0.0127				-0.09	-0.50	-3.98	
12823	-631.1	-899.2	-3154.7	-216.9	-705.5	-1521.8	0.0242	0.0071	0.0127				-0.09	-0.52	-4.07	
12824	-681.9	-891.9	-3237.2	-238.3	-828.4	-1503.0	0.0236	0.0077	0.0127				-0.10	-0.53	-4.18	
12825	-736.4	-884.4	-3329.8	-255.0	-954.0	-1479.1	0.0230	0.0084	0.0127				-0.11	-0.55	-4.29	
12826	-793.1	-876.9	-3435.2	-266.1	-1083.3	-1450.8	0.0223	0.0090	0.0127				-0.11	-0.57	-4.42	
12827	-1017.9	-783.4	-3580.5	-250.1	-1618.1	-982.2	0.0110	0.0129	0.0127				-0.14	-0.62	-4.62	
12828	-1000.8	-810.6	-3652.5	-258.9	-1582.4	-1096.2	0.0116	0.0123	0.0127				-0.13	-0.63	-4.70	
12829	-981.2	-840.9	-3729.9	-263.7	-1537.7	-1212.5	0.0196	0.0117	0.0127				-0.12	-0.64	-4.79	
12830	-830.3	-598.6	-2533.9	-271.1	-1079.8	-702.6	0.0084	0.0051	0.0022							
12831	-829.9	-638.0	-2619.5	-287.5	-1088.0	-789.2	0.0084	0.0051	0.0022							
12832	-827.9	-681.0	-2725.6	-299.2	-1099.3	-885.5	0.0084	0.0051	0.0022							
12833	-677.5	-505.2	-2264.6	-243.7	-861.8	-598.6	0.0084	0.0051	0.0022							
12834	-691.8	-543.0	-2324.8	-262.1	-878.1	-663.8	0.0084	0.0051	0.0022							
12835	-705.8	-585.8	-2402.1	-278.0	-896.7	-738.3	0.0123	0.0116	0.0127				-0.29	-0.36	-3.04	
12836	-846.7	-868.8	-3534.2	-271.3	-1210.5	-1414.8	0.0216	0.0097	0.0127				-0.11	-0.59	-4.55	
12837	-669.6	-691.6	-2526.4	-299.2	-848.8	-945.9	0.0158	0.0051	0.0022							
12838	-560.3	-569.8	-2267.7	-264.9	-710.1	-755.2	0.0158	0.0051	0.0022							
12839	-897.1	-861.6	-3624.7	-271.9	-1329.1	-1365.1	0.0209	0.0104	0.0127				-0.12	-0.61	-4.66	
12840	-731.3	-695.5	-2614.8	-304.9	-943.5	-942.8	0.0158	0.0051	0.0022							
12841	-619.5	-583.5	-2326.4	-275.4	-783.5	-762.1	0.0158	0.0051	0.0022							
12842	-947.4	-856.9	-3722.0	-267.6	-1447.4	-1309.7	0.0203	0.0110	0.0127				-0.12	-0.63	-4.78	
12843	-793.3	-701.4	-2724.1	-305.4	-1047.8	-940.8	0.0158	0.0051	0.0022							
12844	-681.8	-599.3	-2402.0	-282.5	-865.9	-769.9	0.0202	0.0112	0.0127				-0.29	-0.36	-3.04	
12845	414.4	-187.2	-565.7	60.0	477.0	-110.7	0.0532	0.0155	0.0244	11.45	39.36	24.90	0.00	-0.77	-1.39	0.0
12846	417.3	-175.8	-537.1	30.7	479.6	-88.0	0.0531	0.0155	0.0244	11.62	39.72	25.24	0.00	-0.78	-1.37	0.0
12847	413.8	-179.8	-548.0	-46.2	485.1	82.2	0.0531	0.0155	0.0244	11.61	39.68	25.21	0.00	-0.78	-1.38	0.0
12848	404.9	-200.6	-597.6	-75.3	494.5	105.7	0.0532	0.0155	0.0244	11.46	39.39	24.92	0.00	-0.79	-1.43	0.0
12849	319.8	-153.5	-748.6	38.7	403.4	-150.6	0.0531	0.0051	0.0140							
12850	303.1	-141.5	-764.7	15.8	398.0	-111.4	0.0531	0.0051	0.0140							
12851	300.6	-145.2	-776.5	-25.7	403.2	95.4	0.0531	0.0051	0.0140							
12852	312.9	-164.9	-784.0	-48.9	419.2	135.2	0.0531	0.0051	0.0140							
12853	264.2	-128.6	-846.0	36.3	388.4	-148.1	0.0531	0.0051	0.0140							
12854	248.8	-114.8	-854.4	13.7	390.9	-115.9	0.0531	0.0051	0.0140							
12855	246.9	-118.2	-866.3	-20.8	396.1	90.3	0.0531	0.0051	0.0140							
12856	258.4	-138.8	-882.2	-44.2	403.6	123.2	0.0531	0.0051	0.0140							
12857	250.9	-105.8	-965.2	37.9	383.1	-146.7	0.0084	0.0051	0.0140							
12858	244.0	-98.1	-969.0	15.0	386.1	-118.3	0.0084	0.0051	0.0140							
12859	242.3	-101.1	-981.3	-20.3	391.0	-87.5	0.0084	0.0051	0.0140							
12860	245.9	-114.9	-1002.4	-43.8	397.7	113.2	0.0084	0.0051	0.0140							
12861	260.3	-88.3	-1105.1	38.2	400.3	-148.2	0.0084	0.0051	0.0140							
12862	258.5	-84.1	-1109.7	16.1	404.2	-122.0	0.0084	0.0051	0.0140							
12863	257.1	-86.8	-1122.5	-20.0	408.9	-94.6	0.0084	0.0051	0.0140							
12864	255.9	-96.5	-1143.3	-42.5	414.4	106.6	0.0084	0.0051	0.0140							
12865	277.5	-75.6	-1250.3	36.9	420.4	-151.6	0.0084	0.0051	0.0140							
12866	277.8	-72.5	-1257.0	16.8	425.3	-126.6	0.0084	0.0051	0.0140							
12867	276.6	-75.0	-1270.0	-19.4	429.8	-100.7	0.0084	0.0051	0.0140							
12868	273.8	-83.2	-1289.3	-39.9	433.9	102.2	0.0084	0.0051	0.0140							
12869	294.7	-66.3	-1387.2	35.2	431.4	-156.4	0.0084	0.0051	0.0140							
12870	295.8	-63.2	-1396.2	17.1	436.9	-131.8	0.0084	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12871	294.7	-65.5	-1409.5	-18.6	441.3	-106.4	0.0084	0.0051	0.0140							
12872	291.5	-73.2	-1427.1	-37.1	444.5	99.5	0.0084	0.0051	0.0140							
12873	308.0	-58.9	-1506.5	33.1	435.4	-162.4	0.0084	0.0051	0.0140							
12874	309.7	-55.7	-1517.6	17.1	441.3	-137.5	0.0084	0.0051	0.0140							
12875	308.8	-57.7	-1531.2	-17.6	445.5	-111.6	0.0084	0.0051	0.0140							
12876	305.4	-65.1	-1547.3	-34.0	447.8	98.5	0.0084	0.0051	0.0140							
12877	315.6	-52.4	-1602.5	30.6	434.3	-169.7	0.0084	0.0051	0.0057							
12878	317.9	-49.2	-1615.5	16.6	440.6	-143.4	0.0084	0.0051	0.0057							
12879	317.2	-51.0	-1629.4	-16.1	444.5	-116.2	0.0084	0.0051	0.0057							
12880	313.5	-57.9	-1644.3	-30.6	446.0	99.0	0.0084	0.0051	0.0057							
12881	316.4	-46.6	-1675.8	27.5	428.1	-177.8	0.0084	0.0051	0.0057							
12882	319.1	-43.4	-1690.0	15.6	434.6	-149.6	0.0084	0.0051	0.0057							
12883	318.6	-45.0	-1704.3	-14.4	438.2	-120.3	0.0084	0.0051	0.0057							
12884	314.9	-51.5	-1718.7	-26.7	439.0	100.7	0.0084	0.0051	0.0057							
12885	310.2	-41.4	-1730.9	23.9	415.8	-186.4	0.0084	0.0051	0.0022							
12886	313.3	-38.4	-1745.8	14.1	422.1	-155.7	0.0084	0.0051	0.0022							
12887	313.0	-39.7	-1760.5	-12.4	425.4	-123.8	0.0084	0.0051	0.0022							
12888	309.4	-45.7	-1775.0	-22.6	425.6	103.5	0.0084	0.0051	0.0022							
12889	298.0	-37.0	-1772.5	20.1	395.5	-195.1	0.0084	0.0051	0.0022							
12890	301.1	-34.0	-1787.8	12.1	401.3	-161.6	0.0084	0.0051	0.0022							
12891	301.1	-35.2	-1802.8	-10.2	404.2	-126.7	0.0084	0.0051	0.0022							
12892	297.8	-40.7	-1817.7	-18.5	404.0	106.9	0.0084	0.0051	0.0022							
12893	281.2	-33.4	-1804.4	16.1	364.1	-203.4	0.0084	0.0051	0.0022							
12894	284.3	-30.5	-1819.9	9.8	369.2	-167.0	0.0084	0.0051	0.0022							
12895	284.5	-31.5	-1835.3	-8.0	371.6	-129.2	0.0084	0.0051	0.0022							
12896	281.5	-36.6	-1850.6	-14.5	371.0	110.8	0.0084	0.0051	0.0022							
12897	261.8	-30.8	-1830.2	12.0	319.1	-210.9	0.0084	0.0051	0.0022							
12898	264.9	-28.0	-1845.7	7.3	323.3	-171.9	0.0084	0.0051	0.0022							
12899	265.2	-28.9	-1861.3	-5.8	325.0	-131.2	0.0084	0.0051	0.0022							
12900	262.7	-33.7	-1877.1	-10.7	324.2	114.9	0.0084	0.0051	0.0022							
12901	241.7	-29.5	-1852.9	8.0	260.4	-217.4	0.0084	0.0051	0.0022							
12902	244.7	-26.7	-1868.4	4.5	263.5	-176.0	0.0084	0.0051	0.0022							
12903	245.1	-27.5	-1884.2	-3.5	264.6	-132.8	0.0084	0.0051	0.0022							
12904	242.8	-32.1	-1900.4	-7.2	263.6	118.9	0.0084	0.0051	0.0022							
12905	221.7	-29.5	-1874.8	4.4	190.5	-222.5	0.0084	0.0051	0.0022							
12906	224.6	-26.8	-1890.2	1.8	192.3	-179.2	0.0084	0.0051	0.0022							
12907	225.1	-27.6	-1906.1	-1.4	192.7	-134.0	0.0084	0.0051	0.0022							
12908	223.0	-32.0	-1922.6	-4.1	191.7	122.9	0.0084	0.0051	0.0022							
12909	248.9	-64.7	-626.3	60.0	428.3	-96.9	0.0531	0.0051	0.0140							
12910	259.8	-65.2	-602.8	23.4	442.2	-82.2	0.0531	0.0051	0.0140							
12911	259.0	-67.5	-612.3	-28.8	447.6	-74.4	0.0531	0.0051	0.0140							
12912	246.2	-71.8	-655.5	-65.9	444.1	78.1	0.0531	0.0051	0.0140							
12913	206.9	-68.2	-779.3	46.6	377.1	-125.3	0.0531	0.0051	0.0140							
12914	211.5	-64.0	-780.4	20.0	378.8	-103.1	0.0531	0.0051	0.0140							
12915	210.5	-66.5	-791.2	-24.2	383.5	-79.2	0.0531	0.0051	0.0140							
12916	203.7	-75.5	-811.8	-51.1	391.1	98.9	0.0531	0.0051	0.0140							
12917	171.3	-51.2	-900.3	39.5	351.5	-135.2	0.0531	0.0051	0.0140							
12918	170.0	-46.9	-904.9	17.8	353.1	-113.6	0.0531	0.0051	0.0140							
12919	168.9	-49.2	-916.0	-20.8	357.5	-89.8	0.0531	0.0051	0.0140							
12920	168.1	-58.1	-934.0	-43.0	364.7	101.0	0.0531	0.0051	0.0140							
12921	158.9	-30.1	-1016.2	37.8	344.0	-139.7	0.0084	0.0051	0.0140							
12922	156.5	-26.2	-1020.0	17.7	347.0	-120.3	0.0084	0.0051	0.0140							
12923	155.5	-28.3	-1031.4	-19.8	351.3	-99.3	0.0084	0.0051	0.0140							
12924	155.9	-36.4	-1050.6	-40.3	356.8	97.9	0.0084	0.0051	0.0140							
12925	167.9	-11.2	-1142.3	36.9	348.8	-143.7	0.0084	0.0051	0.0140							
12926	166.5	-7.9	-1147.0	18.2	352.4	-126.0	0.0084	0.0051	0.0140							
12927	165.7	-9.8	-1158.6	-19.5	356.6	-107.2	0.0084	0.0051	0.0140							
12928	165.3	-17.1	-1177.4	-38.5	361.2	94.6	0.0084	0.0051	0.0140							
12929	190.6	3.9	-1274.8	35.6	361.8	-148.1	0.0084	0.0051	0.0140							
12930	190.2	7.2	-1281.2	18.5	366.1	-131.5	0.0084	0.0051	0.0140							
12931	189.5	5.5	-1293.1	-19.1	370.2	-114.1	0.0084	0.0051	0.0140							
12932	188.5	-1.4	-1310.4	-36.5	373.9	-95.8	0.0084	0.0051	0.0140							
12933	219.1	15.8	-1403.5	33.8	374.6	-153.1	0.0084	0.0051	0.0140							
12934	219.6	19.2	-1412.2	18.5	379.4	-137.0	0.0084	0.0051	0.0140							
12935	219.0	17.6	-1424.2	-18.5	383.3	-120.0	0.0084	0.0051	0.0140							
12936	217.4	10.9	-1439.8	-34.1	386.2	-102.1	0.0084	0.0051	0.0140							
12937	246.7	25.1	-1518.1	31.3	385.7	-159.0	0.0084	0.0051	0.0140							
12938	248.0	28.7	-1528.7	18.1	391.0	-142.5	0.0084	0.0051	0.0140							
12939	247.6	27.3	-1541.0	-17.5	394.7	-125.1	0.0084	0.0051	0.0140							
12940	245.5	20.8	-1554.9	-31.1	396.7	-106.8	0.0084	0.0051	0.0140							
12941	268.3	32.6	-1610.1	28.1	395.4	-166.1	0.0084	0.0051	0.0057							
12942	270.3	36.2	-1622.3	17.1	401.2	-148.1	0.0084	0.0051	0.0057							
12943	270.0	35.0	-1634.8	-16.2	404.6	-129.4	0.0084	0.0051	0.0057							
12944	267.6	28.8	-1647.6	-27.5	405.7	-109.7	0.0084	0.0051	0.0057							
12945	280.4	38.7	-1676.2	24.4	402.0	-174.1	0.0084	0.0051	0.0057							
12946	282.9	42.3	-1689.3	15.7	408.1	-153.9	0.0084	0.0051	0.0057							
12947	282.8	41.2	-1702.0	-14.4	411.3	-132.8	0.0084	0.0051	0.0057							
12948	280.1	35.4	-1714.3	-23.4	411.4	-110.7	0.0084	0.0051	0.0057							
12949	281.5	43.7	-1718.2	20.4	402.2	-182.7	0.0084	0.0051	0.0022							
12950	284.3	47.2	-1731.7	13.9	408.4	-159.6	0.0084	0.0051	0.0022							
12951	284.4	46.3	-1744.6	-12.4	411.2	-135.5	0.0084	0.0051	0.0022							
12952	281.8	40.9	-1757.1	-19.3	410.6	-110.4	0.0084	0.0051	0.0022							
12953	272.9	47.7	-1741.2	16.5	392.6	-191.6	0.0084	0.0051	0.0022							
12954	275.7	51.1	-1754.5	11.8	398.4	-165.2	0.0084	0.0051	0.0022							
12955	275.9	50.3	-1767.7	-10.3	400.9	-137.6	0.0084	0.0051	0.0022							
12956	273.5	45.4	-1780.8	-15.2	399.9	-109.0	0.0084	0.0051	0.0022							
12957	257.3	50.8	-1751.5	12.6	369.4	-200.1	0.0084	0.0051	0.0022							
12958	260.0	54.1	-1764.4	9.4	374.6	-170.3	0.0084	0.0051	0.0022							
12959	260.4	53.5	-1777.8	-8.0	376.6	-139.2	0.0084	0.0051	0.0022							
12960	258.4	48.9	-1791.7	-11.5	375.3	-107.2	0.0084	0.0051	0.0022							
12961	238.7	52.9	-1755.9	8.9	330.0	-207.7	0.0084	0.0051	0.0022							
12962	241.3	56.1	-1768.3	6.8	334.4	-174.8	0.0084	0.0051	0.0022							
12963	241.8	55.5	-1781.8	-5.8	335.8	-140.5	0.0084	0.0051	0.0022							
12964	240.1	51.3	-1796.6	-8.0	334.5	109.8	0.0084	0.0051	0.0022							
12965	221.3	53.9	-1760.3	5.3	275.1	-214.2	0.0084	0.0051	0.0022							
12966	223.8	56.9	-1772.2	4.1	278.3	-178.7	0.0084	0.0051	0.0022							
12967	224.4	56.4	-1785.9	3.7	279.3	-141.6	0.0084	0.0051	0.0022							
12968	222.9	52.4	-1801.3	-4.8	277.9	114.2	0.0084	0.0051	0.0022							
12969	210.8	53.4	-1768.9	-3.7	208.0	-219.3	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12970	213.4	56.2	-1780.4	-1.7	209.9	-181.7	0.0084	0.0051	0.0022							
12971	213.9	55.8	-1794.1	1.9	210.3	-142.4	0.0084	0.0051	0.0022							
12972	212.5	52.0	-1810.0	3.8	209.1	118.3	0.0084	0.0051	0.0022							
12973	240.2	53.4	-693.9	35.8	411.0	-109.4	0.0531	0.0051	0.0140							
12974	243.0	49.3	-684.7	15.2	419.2	-93.2	0.0531	0.0051	0.0140							
12975	242.4	48.6	-693.5	-13.0	424.0	-81.6	0.0531	0.0051	0.0140							
12976	238.1	51.6	-720.4	-33.8	425.3	86.6	0.0531	0.0051	0.0140							
12977	235.7	40.1	-813.3	35.1	384.4	-124.1	0.0531	0.0051	0.0140							
12978	238.7	40.5	-811.0	16.4	389.4	-107.2	0.0531	0.0051	0.0140							
12979	238.3	39.6	-820.8	-14.3	393.9	-90.9	0.0531	0.0051	0.0140							
12980	234.3	37.7	-842.9	-33.0	397.8	93.1	0.0531	0.0051	0.0140							
12981	220.3	52.5	-934.2	34.1	350.8	-133.0	0.0531	0.0051	0.0140							
12982	222.0	53.9	-935.8	17.4	353.9	-117.5	0.0531	0.0051	0.0140							
12983	221.5	53.1	-946.1	-15.2	358.1	-101.3	0.0531	0.0051	0.0140							
12984	219.1	49.8	-965.3	-32.1	363.3	94.2	0.0531	0.0051	0.0140							
12985	210.8	75.1	-1052.8	34.3	325.1	-138.6	0.0084	0.0051	0.0140							
12986	212.0	77.7	-1055.9	18.4	328.0	-125.3	0.0084	0.0051	0.0140							
12987	211.6	76.8	-1066.5	-16.1	332.0	-111.1	0.0084	0.0051	0.0140							
12988	209.7	72.5	-1084.6	-32.2	337.0	-96.3	0.0084	0.0051	0.0140							
12989	214.1	95.0	-1176.3	34.6	308.8	-142.8	0.0084	0.0051	0.0140							
12990	215.6	98.1	-1180.8	19.4	311.8	-131.7	0.0084	0.0051	0.0140							
12991	215.3	97.3	-1191.6	-17.0	315.7	-119.7	0.0084	0.0051	0.0140							
12992	213.2	92.5	-1208.5	-32.5	320.2	-107.0	0.0084	0.0051	0.0140							
12993	230.4	111.0	-1305.6	34.2	304.0	-146.8	0.0084	0.0051	0.0140							
12994	232.2	114.6	-1312.1	20.0	307.3	-137.3	0.0084	0.0051	0.0140							
12995	232.0	113.9	-1322.9	-17.5	310.9	-127.1	0.0084	0.0051	0.0140							
12996	229.8	108.9	-1338.2	-32.0	314.9	-116.1	0.0084	0.0051	0.0140							
12997	257.1	123.7	-1433.9	32.7	310.6	-151.1	0.0084	0.0051	0.0140							
12998	259.4	127.6	-1442.6	20.1	314.3	-142.5	0.0084	0.0051	0.0140							
12999	259.3	126.9	-1453.5	-17.5	317.8	-133.4	0.0084	0.0051	0.0140							
13000	256.9	121.8	-1466.8	-30.3	321.1	-123.3	0.0084	0.0051	0.0140							
13001	288.9	133.4	-1549.8	29.8	326.6	-156.2	0.0084	0.0051	0.0140							
13002	291.8	137.5	-1560.6	19.4	330.9	-147.7	0.0084	0.0051	0.0140							
13003	291.9	137.0	-1571.7	-16.8	334.2	-138.5	0.0084	0.0051	0.0140							
13004	289.1	131.9	-1583.1	-27.5	336.5	-128.3	0.0084	0.0051	0.0140							
13005	318.6	140.7	-1641.6	26.0	349.7	-162.8	0.0084	0.0051	0.0057							
13006	322.0	145.0	-1653.9	18.1	354.7	-152.9	0.0084	0.0051	0.0057							
13007	322.2	144.6	-1665.1	-15.6	357.8	-142.5	0.0084	0.0051	0.0057							
13008	319.2	139.6	-1675.2	-23.7	358.9	-130.8	0.0084	0.0051	0.0057							
13009	339.1	146.3	-1701.4	21.6	375.0	-170.8	0.0084	0.0051	0.0057							
13010	342.8	150.6	-1714.4	16.3	380.7	-158.3	0.0084	0.0051	0.0057							
13011	343.1	150.4	-1725.7	-13.8	383.5	-145.3	0.0084	0.0051	0.0057							
13012	340.1	145.6	-1735.4	-19.4	383.3	-131.0	0.0084	0.0051	0.0057							
13013	346.5	150.6	-1728.2	17.2	394.9	-179.8	0.0084	0.0051	0.0022							
13014	350.2	154.8	-1741.0	14.2	400.9	-163.8	0.0084	0.0051	0.0022							
13015	350.7	154.7	-1752.5	-11.9	403.4	-147.1	0.0084	0.0051	0.0022							
13016	347.9	150.3	-1762.6	-15.1	402.3	-129.1	0.0084	0.0051	0.0022							
13017	341.5	154.0	-1728.1	13.1	401.2	-189.2	0.0084	0.0051	0.0022							
13018	345.0	158.1	-1740.0	11.8	407.2	-169.2	0.0084	0.0051	0.0022							
13019	345.6	158.1	-1751.6	10.5	409.3	-148.2	0.0084	0.0051	0.0022							
13020	343.3	154.1	-1762.9	-11.3	407.5	-126.0	0.0084	0.0051	0.0022							
13021	328.5	156.8	-1711.4	9.5	387.6	-198.3	0.0084	0.0051	0.0022							
13022	331.6	160.7	-1722.3	9.3	393.1	-174.1	0.0084	0.0051	0.0022							
13023	332.3	160.8	-1734.0	9.2	394.8	-149.0	0.0084	0.0051	0.0022							
13024	330.6	157.2	-1746.5	8.8	392.7	-122.6	0.0084	0.0051	0.0022							
13025	312.7	158.8	-1689.9	-6.8	352.1	-206.3	0.0084	0.0051	0.0022							
13026	315.6	162.5	-1699.7	6.7	356.7	-178.5	0.0084	0.0051	0.0022							
13027	316.4	162.7	-1711.5	7.3	358.0	-149.5	0.0084	0.0051	0.0022							
13028	315.1	159.4	-1725.3	7.8	355.9	-119.3	0.0084	0.0051	0.0022							
13029	298.4	159.7	-1673.3	-5.8	297.2	-213.1	0.0084	0.0051	0.0022							
13030	301.2	163.2	-1682.2	-4.5	300.7	-182.2	0.0084	0.0051	0.0022							
13031	302.0	163.5	-1694.0	5.0	301.6	-149.9	0.0084	0.0051	0.0022							
13032	300.9	160.5	-1708.8	6.2	299.7	-116.6	0.0084	0.0051	0.0022							
13033	287.6	159.1	-1667.8	-4.7	228.6	-218.4	0.0084	0.0051	0.0022							
13034	290.4	162.3	-1676.0	-2.6	230.9	-185.1	0.0084	0.0051	0.0022							
13035	291.3	162.6	-1687.8	2.6	231.2	-150.3	0.0084	0.0051	0.0022							
13036	290.2	160.0	-1703.4	4.7	229.7	117.3	0.0084	0.0051	0.0022							
13037	383.8	162.9	-760.6	24.9	409.1	-124.1	0.0531	0.0051	0.0140							
13038	385.7	163.5	-758.6	11.1	413.1	-106.6	0.0531	0.0051	0.0140							
13039	385.1	164.3	-766.7	-4.2	417.5	-90.4	0.0531	0.0051	0.0140							
13040	382.4	165.3	-784.9	-18.1	422.1	101.3	0.0531	0.0051	0.0140							
13041	367.4	153.5	-856.7	27.2	394.3	-132.3	0.0531	0.0051	0.0140							
13042	369.4	152.7	-856.5	14.1	398.1	-117.0	0.0531	0.0051	0.0140							
13043	369.2	153.4	-865.4	-7.0	402.3	-101.9	0.0531	0.0051	0.0140							
13044	366.8	155.3	-883.5	-20.2	406.9	101.2	0.0531	0.0051	0.0140							
13045	348.5	182.8	-964.4	30.0	360.1	-138.4	0.0531	0.0051	0.0140							
13046	350.5	184.1	-965.8	17.0	363.4	-125.8	0.0531	0.0051	0.0140							
13047	350.5	184.6	-975.3	-9.9	367.4	-112.8	0.0531	0.0051	0.0140							
13048	348.5	184.3	-992.7	-23.1	372.1	99.3	0.0531	0.0051	0.0140							
13049	334.4	207.0	-1078.7	32.5	320.1	-142.7	0.0084	0.0051	0.0140							
13050	336.2	209.5	-1081.8	19.3	322.9	-133.1	0.0084	0.0051	0.0140							
13051	336.3	210.0	-1091.4	-12.4	326.7	-122.9	0.0084	0.0051	0.0140							
13052	334.8	208.5	-1107.8	-25.8	331.4	-111.9	0.0084	0.0051	0.0140							
13053	333.1	226.4	-1201.6	34.4	282.8	-145.7	0.0084	0.0051	0.0140							
13054	334.9	229.8	-1206.3	21.1	285.2	-139.1	0.0084	0.0051	0.0140							
13055	335.1	230.3	-1216.1	-14.4	288.8	-132.0	0.0084	0.0051	0.0140							
13056	333.9	227.9	-1231.1	-27.8	293.5	-124.0	0.0084	0.0051	0.0140							
13057	349.0	241.7	-1334.7	34.8	255.7	-147.9	0.0084	0.0051	0.0140							
13058	351.1	245.8	-1341.5	22.3	257.7	-144.2	0.0084	0.0051	0.0140							
13059	351.4	246.3	-1351.4	-15.8	261.1	-139.9	0.0084	0.0051	0.0140							
13060	350.1	243.3	-1364.4	-28.6	265.8	-134.7	0.0084	0.0051	0.0140							
13061	381.1	253.3	-1472.8	33.5	247.0	-150.3	0.0084	0.0051	0.0140							
13062	383.8	257.9	-1482.1	22.5	249.1	-148.6	0.0084	0.0051	0.0140							
13063	384.3	258.5	-1492.1	-16.4	252.3	-146.6	0.0084	0.0051	0.0140							
13064	382.5	255.1	-1502.6	-27.7	256.6	-143.4	0.0084	0.0051	0.0140							
13065	422.2	261.6	-1601.8	30.2	262.8	-153.7	0.0084	0.0051	0.0140							
13066	425.8	266.7	-1613.7	21.7	265.3	-152.9	0.0084	0.0051	0.0140							
13067	426.4	267.5	-1623.7	-16.1	268.3	-151.9	0.0084	0.0051	0.0140							
13068	424.1	263.7	-1631.8	-24.8	271.7	-149.5	0.0084	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13069	460.1	267.5	-1702.6	25.3	301.8	-159.1	0.0084	0.0051	0.0057							
13070	464.5	273.0	-1716.4	20.0	305.4	-157.4	0.0084	0.0051	0.0057							
13071	465.3	273.8	-1726.5	-14.8	308.1	-155.6	0.0084	0.0051	0.0057							
13072	462.3	269.9	-1732.7	-20.4	310.0	-152.2	0.0084	0.0051	0.0057							
13073	482.3	271.5	-1759.1	19.6	353.5	-166.9	0.0084	0.0051	0.0057							
13074	487.1	277.3	-1773.6	17.6	358.5	-162.3	0.0084	0.0051	0.0057							
13075	488.0	278.2	-1783.7	15.4	361.0	-157.8	0.0084	0.0051	0.0057							
13076	484.9	274.3	-1789.3	-15.3	360.9	-151.4	0.0084	0.0051	0.0057							
13077	482.7	274.7	-1766.4	14.4	400.9	-176.7	0.0084	0.0051	0.0034							
13078	487.3	280.5	-1780.1	14.9	407.0	-167.7	0.0084	0.0051	0.0034							
13079	488.3	281.6	-1790.2	15.4	409.2	-158.7	0.0084	0.0051	0.0034							
13080	485.6	277.7	-1796.8	15.7	407.5	-147.6	0.0084	0.0051	0.0034							
13081	464.6	277.6	-1733.8	-13.2	426.8	-187.3	0.0084	0.0051	0.0034							
13082	468.5	283.4	-1745.8	12.3	433.3	-173.1	0.0084	0.0051	0.0034							
13083	469.6	284.5	-1755.9	14.4	435.1	-158.7	0.0084	0.0051	0.0034							
13084	467.8	281.0	-1764.4	16.2	432.4	-142.3	0.0084	0.0051	0.0034							
13085	437.5	280.7	-1680.4	-12.5	421.4	-197.4	0.0084	0.0051	0.0034							
13086	440.9	286.1	-1690.2	-10.0	427.5	-178.1	0.0084	0.0051	0.0034							
13087	442.1	287.3	-1700.4	12.4	429.0	-158.3	0.0084	0.0051	0.0034							
13088	441.0	284.3	-1711.1	14.8	426.0	-136.7	0.0084	0.0051	0.0034							
13089	411.2	283.5	-1626.1	-10.7	385.2	-206.1	0.0084	0.0051	0.0034							
13090	414.3	288.6	-1634.0	-8.1	390.2	-182.5	0.0084	0.0051	0.0034							
13091	415.6	289.9	-1644.3	9.8	391.4	-158.0	0.0084	0.0051	0.0034							
13092	415.0	287.4	-1656.8	12.2	388.6	-131.9	0.0084	0.0051	0.0034							
13093	391.5	285.4	-1585.2	-8.4	325.1	-213.2	0.0084	0.0051	0.0034							
13094	394.5	290.0	-1591.8	-6.0	328.9	-186.0	0.0084	0.0051	0.0034							
13095	395.9	291.4	-1602.0	6.7	329.7	-157.8	0.0084	0.0051	0.0034							
13096	395.4	289.4	-1616.0	9.0	327.4	-128.2	0.0084	0.0051	0.0034							
13097	379.6	285.4	-1565.2	-6.2	250.4	-218.8	0.0084	0.0051	0.0034							
13098	382.8	289.5	-1570.6	-3.6	253.0	-188.9	0.0084	0.0051	0.0034							
13099	384.1	290.9	-1580.9	3.5	253.3	-157.7	0.0084	0.0051	0.0034							
13100	383.6	289.5	-1595.9	6.0	251.4	-125.3	0.0084	0.0051	0.0034							
13101	496.9	281.1	-822.3	26.7	423.8	-136.6	0.0531	0.0051	0.0140							
13102	499.0	282.3	-823.0	12.2	427.3	-119.6	0.0531	0.0051	0.0140							
13103	498.6	284.2	-830.4	-2.4	431.2	-102.6	0.0531	0.0051	0.0140							
13104	495.7	286.7	-844.6	-16.8	435.5	116.2	0.0531	0.0051	0.0140							
13105	470.8	307.5	-902.4	29.0	409.1	-142.7	0.0531	0.0051	0.0140							
13106	473.0	308.2	-903.8	15.1	412.5	-128.4	0.0531	0.0051	0.0140							
13107	473.0	310.1	-911.9	4.9	416.4	-113.9	0.0531	0.0051	0.0140							
13108	470.7	313.0	-926.6	-17.9	420.7	114.3	0.0531	0.0051	0.0140							
13109	448.3	335.6	-993.9	32.1	371.4	-147.3	0.0531	0.0051	0.0140							
13110	450.5	337.7	-996.3	18.6	374.5	-136.2	0.0531	0.0051	0.0140							
13111	450.8	339.5	-1004.8	8.1	378.3	-124.7	0.0531	0.0051	0.0140							
13112	449.0	341.1	-1019.4	-20.5	382.6	-112.3	0.0531	0.0051	0.0140							
13113	431.9	358.4	-1095.8	35.1	319.7	-150.1	0.0084	0.0051	0.0140							
13114	434.1	361.7	-1099.3	21.6	322.3	-142.7	0.0084	0.0051	0.0140							
13115	434.6	363.5	-1108.0	10.6	325.9	-134.8	0.0084	0.0051	0.0140							
13116	433.4	364.0	-1122.0	-23.5	330.3	-126.1	0.0084	0.0051	0.0140							
13117	428.6	376.2	-1213.2	37.6	262.2	-151.3	0.0084	0.0051	0.0140							
13118	430.5	380.4	-1218.3	24.1	264.1	-147.9	0.0084	0.0051	0.0140							
13119	431.2	382.3	-1227.2	-12.6	267.5	-144.1	0.0084	0.0051	0.0140							
13120	430.6	381.8	-1239.9	-26.2	272.2	-139.3	0.0084	0.0051	0.0140							
13121	446.2	389.3	-1352.8	38.8	210.2	-151.0	0.0084	0.0051	0.0140							
13122	448.2	394.3	-1360.0	25.8	211.2	-151.8	0.0084	0.0051	0.0140							
13123	449.1	396.2	-1368.9	-14.8	214.3	-152.4	0.0084	0.0051	0.0140							
13124	448.8	395.1	-1379.6	-27.9	219.6	-151.9	0.0084	0.0051	0.0140							
13125	488.7	398.2	-1512.7	37.7	180.7	-150.0	0.0084	0.0051	0.0140							
13126	491.4	404.1	-1523.1	26.4	180.8	-154.9	0.0084	0.0051	0.0140							
13127	492.4	406.1	-1532.0	-16.0	183.7	-159.6	0.0084	0.0051	0.0140							
13128	491.8	404.3	-1539.6	-27.5	189.5	-163.0	0.0084	0.0051	0.0140							
13129	548.8	403.8	-1674.6	33.8	192.1	-150.0	0.0084	0.0051	0.0140							
13130	552.8	410.5	-1688.8	25.5	192.2	-157.6	0.0084	0.0051	0.0140							
13131	554.0	412.6	-1697.8	17.6	194.9	-165.5	0.0084	0.0051	0.0140							
13132	552.3	410.0	-1701.4	-24.4	200.2	-171.4	0.0084	0.0051	0.0140							
13133	605.8	406.8	-1803.2	27.1	251.2	-152.9	0.0084	0.0051	0.0057							
13134	611.3	414.7	-1821.0	23.2	252.6	-160.7	0.0084	0.0051	0.0057							
13135	612.6	416.9	-1829.9	19.3	255.0	-169.5	0.0084	0.0051	0.0057							
13136	609.7	413.4	-1830.0	-18.7	258.5	-175.5	0.0084	0.0051	0.0057							
13137	635.7	408.8	-1863.1	19.4	341.2	-159.9	0.0084	0.0051	0.0057							
13138	642.0	417.7	-1882.5	19.9	345.3	-164.9	0.0084	0.0051	0.0057							
13139	643.4	420.0	-1891.4	20.6	347.5	-171.2	0.0084	0.0051	0.0057							
13140	640.1	415.7	-1889.9	22.1	347.8	-174.2	0.0084	0.0051	0.0057							
13141	627.7	411.2	-1841.7	-18.9	427.2	-170.8	0.0084	0.0051	0.0034							
13142	633.5	420.6	-1859.9	16.4	433.7	-170.1	0.0084	0.0051	0.0034							
13143	635.1	423.0	-1868.8	20.7	435.6	-171.0	0.0084	0.0051	0.0034							
13144	632.5	418.4	-1868.5	25.2	432.9	-168.2	0.0084	0.0051	0.0034							
13145	591.7	415.0	-1758.4	-19.9	475.2	-183.5	0.0084	0.0051	0.0034							
13146	596.2	424.3	-1773.2	-13.9	483.0	-175.9	0.0084	0.0051	0.0034							
13147	597.9	426.8	-1782.1	19.2	484.6	-169.5	0.0084	0.0051	0.0034							
13148	596.7	422.6	-1785.2	25.0	480.1	-159.6	0.0084	0.0051	0.0034							
13149	548.6	420.4	-1651.5	-17.9	472.1	-195.7	0.0084	0.0051	0.0034							
13150	552.0	429.0	-1662.3	-12.3	479.4	-181.4	0.0084	0.0051	0.0034							
13151	553.8	431.6	-1671.2	16.3	480.7	-167.7	0.0084	0.0051	0.0034							
13152	554.0	428.2	-1678.3	21.7	476.1	-151.0	0.0084	0.0051	0.0034							
13153	515.2	426.3	-1555.8	-14.4	425.8	-205.7	0.0084	0.0051	0.0034							
13154	518.2	433.9	-1563.2	-9.9	431.6	-186.0	0.0084	0.0051	0.0034							
13155	520.1	436.6	-1572.2	12.6	432.6	-166.3	0.0084	0.0051	0.0034							
13156	520.8	434.3	-1582.6	16.9	428.9	-144.1	0.0084	0.0051	0.0034							
13157	496.5	430.9	-1489.6	-10.7	353.5	-213.1	0.0084	0.0051	0.0034							
13158	499.8	437.7	-1494.8	-7.3	357.6	-189.6	0.0084	0.0051	0.0034							
13159	501.7	440.4	-1503.7	8.5	358.2	-165.4	0.0084	0.0051	0.0034							
13160	502.2	439.1	-1516.3	11.9	355.5	-139.2	0.0084	0.0051	0.0034							
13161	489.1	432.7	-1456.7	-7.8	269.4	-218.9	0.0084	0.0051	0.0034							
13162	493.1	438.7	-1460.6	-4.7	272.2	-192.4	0.0084	0.0051	0.0034							
13163	495.0	441.5	-1469.5	4.5	272.5	-164.9	0.0084	0.0051	0.0034							
13164	494.9	441.0	-1483.3	7.6	270.3	-135.7	0.0084	0.0051	0.0034							
13165	384.3	50.8	-121.7	-215.5	-560.7	1028.9	0.0531	0.0234	0.0244	24.81	56.43	53.92	0.00	-1.20	-2.44	0.0
13166	219.0	63.2	-32.6	-106.1	-31.7	200.7	0.0531	0.0234	0.0244	6.12	13.89	13.29	0.00	-0.20	-0.52	0.0
13167	219.0	70.6	-32.4	102.8	-30.9	-186.1	0.0531	0.0234	0.0244	5.98	13.58	13.00	0.00	-0.20	-0.50	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13168	398.2	79.7	-99.2	223.1	-551.9	-1001.2	0.0531	0.0234	0.0244	24.83	56.48	53.96	0.00	-1.19	-2.38	0.0
13169	622.6	-33.2	-214.0	-94.1	-349.9	364.4	0.0531	0.0233	0.0244	15.24	34.67	33.12	0.00	-0.70	-1.35	0.0
13170	602.3	39.7	-50.2	-91.8	-151.4	117.6	0.0531	0.0234	0.0244	12.39	28.12	26.91	0.00	-0.58	-0.80	0.0
13171	605.3	43.2	-49.8	83.7	-149.3	-107.9	0.0531	0.0234	0.0244	12.36	28.05	26.84	0.00	-0.58	-0.79	0.0
13172	631.1	-27.4	-200.8	88.1	-342.9	-351.4	0.0531	0.0233	0.0244	15.21	34.61	33.06	0.00	-0.69	-1.33	0.0
13173	745.5	-84.7	-283.0	113.0	-209.3	277.1	0.0531	0.0233	0.0244	14.88	33.88	32.35	0.00	-0.68	-1.31	0.0
13174	840.0	-2.4	-71.9	-44.9	-103.2	65.7	0.0531	0.0234	0.0244	16.10	36.55	34.98	0.00	-0.83	-0.97	0.0
13175	841.5	-2.6	-72.3	-38.9	-101.7	-60.2	0.0531	0.0234	0.0244	16.09	36.52	34.94	0.00	-0.82	-0.97	0.0
13176	749.7	-84.3	-275.9	-127.2	-202.0	-269.7	0.0531	0.0233	0.0244	14.96	34.06	32.53	0.00	-0.69	-1.31	0.0
13177	783.2	-129.2	-274.0	-120.9	179.6	248.8	0.0531	0.0233	0.0244	15.43	35.14	33.55	0.00	-0.76	-1.32	0.0
13178	891.7	-24.5	-64.6	-34.3	82.1	56.1	0.0531	0.0234	0.0244	16.95	38.47	36.81	0.00	-0.89	-1.01	0.0
13179	892.0	-25.7	-64.8	-40.1	83.9	-54.0	0.0531	0.0234	0.0244	16.98	38.55	36.89	0.00	-0.90	-1.01	0.0
13180	783.3	-133.3	-272.6	-110.0	188.6	-246.9	0.0531	0.0233	0.0244	15.82	36.02	34.39	0.00	-0.84	-1.31	0.0
13181	704.0	-196.7	-327.3	74.5	488.7	139.6	0.0531	0.0233	0.0244	17.16	39.10	37.32	0.00	-1.09	-1.46	0.0
13182	795.9	-135.2	-184.6	-33.4	508.2	46.6	0.0531	0.0234	0.0244	19.06	43.28	41.41	0.00	-1.14	-1.42	0.0
13183	792.3	-138.6	-189.9	-53.1	513.9	-46.8	0.0531	0.0234	0.0244	19.14	43.45	41.57	0.00	-1.16	-1.43	0.0
13184	695.3	-208.1	-342.6	-98.5	506.8	-139.7	0.0531	0.0233	0.0244	17.31	39.45	37.65	0.00	-1.12	-1.49	0.0
13185	237.5	153.7	-174.5	-123.3	-678.4	837.1	0.0531	0.0234	0.0244	22.09	50.24	48.01	0.00	-1.09	-2.21	0.0
13186	60.1	91.3	-133.8	-31.6	-209.7	318.9	0.0531	0.0234	0.0244	7.34	16.65	15.93	0.00	-0.35	-0.80	0.0
13187	60.5	92.2	-130.2	32.2	-207.6	-293.1	0.0531	0.0234	0.0244	6.97	15.82	15.14	0.00	-0.33	-0.76	0.0
13188	238.7	149.9	-171.5	123.2	-670.9	-817.3	0.0531	0.0234	0.0244	21.73	49.43	47.23	0.00	-1.07	-2.17	0.0
13189	291.4	101.6	-286.8	-51.6	-484.3	188.6	0.0531	0.0129	0.0140							
13190	247.2	76.2	-201.8	-53.5	-366.7	172.8	0.0531	0.0129	0.0140							
13191	247.6	75.5	-200.3	51.8	-363.4	-156.3	0.0531	0.0129	0.0140							
13192	290.3	96.0	-289.1	48.0	-476.6	-180.1	0.0531	0.0129	0.0140							
13193	334.2	66.7	-390.4	30.6	-277.3	131.4	0.0531	0.0129	0.0140							
13194	347.5	10.4	-277.1	26.5	-245.6	108.0	0.0531	0.0129	0.0140							
13195	347.1	9.0	-277.3	-31.7	-242.3	-100.2	0.0531	0.0129	0.0140							
13196	331.3	61.1	-396.7	-36.9	-268.1	-128.6	0.0531	0.0129	0.0140							
13197	325.3	19.8	-434.9	45.2	288.4	113.0	0.0531	0.0129	0.0140							
13198	341.7	-43.0	-329.7	22.8	288.2	98.3	0.0531	0.0129	0.0140							
13199	340.3	-45.0	-332.2	-29.5	292.8	-98.1	0.0531	0.0129	0.0140							
13200	320.5	13.5	-446.6	-52.8	301.5	-116.1	0.0531	0.0129	0.0140							
13201	271.0	-31.5	-484.3	61.6	436.6	70.9	0.0531	0.0129	0.0140							
13202	277.0	-61.8	-415.7	23.3	462.0	75.8	0.0531	0.0129	0.0140							
13203	275.8	-64.1	-421.9	-29.1	467.8	-85.2	0.0531	0.0129	0.0140							
13204	267.0	-38.2	-505.3	-68.5	453.4	-81.6	0.0531	0.0129	0.0140							
13205	215.2	248.3	-216.4	-129.4	-669.1	646.6	0.0531	0.0234	0.0244	19.70	44.82	42.83	0.00	-0.94	-1.95	0.0
13206	39.4	177.6	-234.0	-31.2	-257.2	195.8	0.0531	0.0234	0.0244	6.21	14.10	13.49	0.00	-0.25	-0.76	0.0
13207	39.1	176.5	-235.5	31.8	-255.6	-172.3	0.0531	0.0234	0.0244	5.89	13.36	12.78	0.00	-0.23	-0.73	0.0
13208	213.9	247.7	-223.2	128.6	-662.1	-623.5	0.0531	0.0234	0.0244	19.25	43.80	41.85	0.00	-0.92	-1.91	0.0
13209	217.8	191.6	-342.0	-48.4	-499.4	71.0	0.0531	0.0129	0.0140							
13210	146.6	211.1	-317.3	-48.0	-434.1	97.0	0.0531	0.0129	0.0140							
13211	145.6	210.1	-319.9	48.3	-431.1	-82.3	0.0531	0.0129	0.0140							
13212	214.6	191.5	-351.4	47.6	-492.3	-59.5	0.0531	0.0129	0.0140							
13213	216.3	159.9	-502.4	28.3	-281.4	53.3	0.0531	0.0129	0.0140							
13214	204.5	147.7	-471.9	22.8	-276.7	61.6	0.0531	0.0129	0.0140							
13215	203.0	147.2	-475.5	-22.8	-273.5	-55.6	0.0531	0.0129	0.0140							
13216	212.1	160.4	-514.2	-28.7	-272.6	-48.1	0.0531	0.0129	0.0140							
13217	213.1	122.5	-571.3	35.0	287.4	-59.3	0.0531	0.0129	0.0140							
13218	212.0	102.0	-545.0	21.2	293.0	61.8	0.0531	0.0129	0.0140							
13219	210.5	101.6	-549.9	-20.5	297.1	-64.9	0.0531	0.0129	0.0140							
13220	208.9	122.6	-586.5	-34.7	299.3	55.8	0.0531	0.0129	0.0140							
13221	224.8	83.0	-600.7	34.8	390.2	-86.2	0.0531	0.0129	0.0140							
13222	225.2	69.6	-582.3	15.8	398.7	-74.4	0.0531	0.0129	0.0140							
13223	224.1	69.1	-589.2	-14.1	403.4	-73.1	0.0531	0.0129	0.0140							
13224	221.5	82.1	-621.9	-33.2	404.3	73.0	0.0531	0.0129	0.0140							
13225	317.1	331.7	-249.3	-167.8	-628.6	525.4	0.0531	0.0234	0.0244	19.19	43.64	41.70	0.00	-0.86	-1.80	0.0
13226	59.8	246.5	-301.1	-25.7	-260.9	144.2	0.0531	0.0234	0.0244	6.14	13.95	13.35	0.00	-0.19	-0.78	0.0
13227	59.8	246.9	-304.5	27.7	-259.2	-121.6	0.0531	0.0234	0.0244	5.91	13.40	12.83	0.00	-0.17	-0.77	0.0
13228	314.2	331.6	-260.5	167.5	-620.5	-499.5	0.0531	0.0234	0.0244	18.70	42.53	40.64	0.00	-0.83	-1.76	0.0
13229	430.1	287.3	-409.5	-48.9	-459.2	-59.3	0.0531	0.0129	0.0140							
13230	338.5	333.9	-394.1	-47.6	-424.9	66.6	0.0531	0.0129	0.0140							
13231	337.2	334.1	-398.4	49.2	-421.9	-52.1	0.0531	0.0129	0.0140							
13232	425.4	289.4	-422.6	49.8	-451.9	72.3	0.0531	0.0129	0.0140							
13233	436.2	255.6	-630.5	35.2	-234.1	-85.0	0.0531	0.0129	0.0140							
13234	424.4	265.0	-624.7	27.5	-236.0	-64.4	0.0531	0.0129	0.0140							
13235	422.6	266.0	-629.4	-24.7	-233.3	70.2	0.0531	0.0129	0.0140							
13236	431.4	258.9	-644.5	-32.3	-226.3	90.9	0.0531	0.0129	0.0140							
13237	413.3	221.3	-680.8	34.0	285.9	-98.0	0.0531	0.0129	0.0140							
13238	413.9	219.1	-676.6	22.1	289.2	-78.0	0.0531	0.0129	0.0140							
13239	412.4	220.3	-681.9	-17.7	292.9	74.7	0.0531	0.0129	0.0140							
13240	409.2	224.6	-696.7	-29.5	296.8	95.1	0.0531	0.0129	0.0140							
13241	395.9	187.3	-693.2	28.2	380.3	-112.2	0.0531	0.0129	0.0140							
13242	397.6	186.1	-689.8	15.6	384.3	-93.6	0.0531	0.0129	0.0140							
13243	396.6	187.1	-696.6	-9.6	388.5	79.8	0.0531	0.0129	0.0140							
13244	393.1	190.1	-713.6	-22.2	392.9	99.1	0.0531	0.0129	0.0140							
13245	751.4	439.1	-205.9	164.4	-616.2	358.1	0.0531	0.0234	0.0244	19.83	45.10	43.10	0.00	-0.47	-1.70	0.0
13246	585.4	385.9	-222.8	63.4	-427.2	101.8	0.0531	0.0234	0.0244	14.51	32.94	31.52	0.00	-0.37	-1.19	0.0
13247	585.1	386.5	-227.6	-64.9	-425.2	-78.4	0.0531	0.0234	0.0244	14.49	32.89	31.47	0.00	-0.37	-1.19	0.0
13248	747.6	440.2	-220.4	-168.7	-607.0	-331.3	0.0531	0.0234	0.0244	19.58	44.54	42.56	0.00	-0.47	-1.68	0.0
13249	765.2	390.8	-558.9	85.6	-288.4	-95.8	0.0531	0.0129	0.0140							
13250	696.1	429.7	-556.1	58.3	-266.0	61.7	0.0531	0.0129	0.0140							
13251	694.6	430.2	-561.2	-56.1	-263.9	66.4	0.0531	0.0129	0.0140							
13252	759.8	393.8	-574.8	-84.0	-282.9	109.6	0.0531	0.0129	0.0140							
13253	669.5	350.3	-758.8	44.5	175.0	-110.0	0.0531	0.0129	0.0140							
13254	659.7	363.0	-760.1	33.4	175.4	-83.2	0.0531	0.0129	0.0140							
13255	657.8	364.5	-765.0	-29.1	178.0	90.0	0.0531	0.0129	0.0140							
13256	664.0	355.3	-773.4	-39.9	182.9	116.8	0.0531	0.0129	0.0140							
13257	584.9	316.3	-750.0	35.1	316.2	-118.9	0.0531	0.0129	0.0140							
13258	585.6	319.3	-751.0	23.0	319.0	-95.6	0.0531	0.0129	0.0140							
13259	584.0	321.2	-756.4	-16.5	322.4	93.6	0.0531	0.0129	0.0140							
13260	580.6	321.9	-766.2	-28.5	326.1	117.3	0.0531	0.0129	0.0140							
13261	530.3	288.9	-763.5	28.1	399.1	-128.1	0.0531	0.0129	0.0140							
13262	532.2	291.5	-764.1	16.1	402.3	-108.6	0.0531	0.0129	0.0140							
13263	531.2	293.5	-770.6	-7.4	406.1	96.7	0.0531	0.0129	0.0140							
13264	527.6	294.6	-783.1	-19.7	410.3	116.9	0.0531	0.0129	0.0140							
13265	202.2	-31.1	-1896.9	-5.3	113.0	-226.1	0.0084	0.0051	0.0022							
13266	205.0	-28.6	-1912.1	-2.5	113.3	-181.4	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13267	205.4	-29.4	-1928.0	2.2	113.0	-134.8	0.0084	0.0051	0.0022							
13268	203.4	-33.7	-1944.6	5.1	112.1	126.5	0.0084	0.0051	0.0022							
13269	182.4	-34.5	-1919.0	-8.9	-51.2	-228.1	0.0084	0.0051	0.0022							
13270	185.0	-32.2	-1933.8	-5.5	-52.5	-182.7	0.0084	0.0051	0.0022							
13271	185.3	-33.0	-1949.6	4.7	-53.5	-135.3	0.0084	0.0051	0.0022							
13272	183.3	-37.2	-1966.2	8.3	-54.1	129.9	0.0084	0.0051	0.0022							
13273	160.7	-39.7	-1939.5	-13.2	-135.1	-228.6	0.0084	0.0051	0.0022							
13274	163.1	-37.7	-1954.0	-8.6	-137.9	-183.0	0.0084	0.0051	0.0022							
13275	163.2	-38.6	-1969.6	7.7	-139.5	-135.4	0.0084	0.0051	0.0022							
13276	161.1	-42.7	-1986.0	12.4	-140.0	132.8	0.0084	0.0051	0.0022							
13277	134.9	-46.9	-1956.2	-17.7	-212.2	-227.5	0.0084	0.0051	0.0022							
13278	137.0	-45.2	-1970.3	-11.8	-216.3	-182.3	0.0084	0.0051	0.0022							
13279	137.0	-46.2	-1985.6	10.9	-218.6	-135.1	0.0084	0.0051	0.0022							
13280	134.7	-50.3	-2001.8	17.1	-218.9	135.3	0.0084	0.0051	0.0022							
13281	102.5	-56.3	-1966.6	-22.3	-279.7	-224.9	0.0084	0.0051	0.0022							
13282	104.2	-54.8	-1980.1	-14.8	-284.9	-180.7	0.0084	0.0051	0.0022							
13283	103.9	-56.1	-1995.0	14.4	-287.7	-134.5	0.0084	0.0051	0.0022							
13284	101.5	-60.1	-2011.2	22.2	-288.0	137.4	0.0084	0.0051	0.0022							
13285	60.8	-68.0	-1968.5	-26.9	-336.3	-221.0	0.0084	0.0051	0.0057							
13286	62.0	-66.9	-1981.4	-17.6	-342.4	-178.2	0.0084	0.0051	0.0057							
13287	61.4	-68.3	-1995.9	18.2	-345.7	-133.5	0.0084	0.0051	0.0057							
13288	58.9	-72.4	-2011.9	27.8	-346.0	139.0	0.0084	0.0051	0.0057							
13289	8.1	-82.5	-1961.1	-31.5	-382.7	-216.2	0.0084	0.0051	0.0057							
13290	8.8	-81.6	-1973.3	-20.3	-389.3	-175.1	0.0084	0.0051	0.0057							
13291	7.8	-83.2	-1987.5	22.3	-392.9	-132.1	0.0084	0.0051	0.0057							
13292	5.3	-87.5	-2003.5	33.9	-393.4	140.2	0.0084	0.0051	0.0057							
13293	-56.2	-100.1	-1945.8	-36.1	-420.7	-210.7	0.0084	0.0051	0.0057							
13294	-56.2	-99.4	-1957.3	-22.8	-427.6	-171.3	0.0084	0.0051	0.0057							
13295	-57.5	-101.2	-1971.1	26.7	-431.5	-130.2	0.0084	0.0051	0.0057							
13296	-60.0	-105.7	-1987.2	40.3	-432.2	141.3	0.0084	0.0051	0.0057							
13297	-131.5	-121.4	-1926.4	-40.6	-453.0	-204.8	0.0084	0.0051	0.0022							
13298	-132.3	-120.9	-1937.0	-25.3	-460.0	-167.0	0.0084	0.0051	0.0022							
13299	-133.9	-123.0	-1950.6	31.4	-464.1	-127.8	0.0084	0.0051	0.0022							
13300	-136.3	-127.8	-1967.0	47.1	-465.1	142.3	0.0084	0.0051	0.0022							
13301	-216.4	-147.1	-1908.7	-45.0	-482.6	-198.9	0.0084	0.0051	0.0022							
13302	-218.0	-146.8	-1918.6	-27.6	-489.5	-162.4	0.0084	0.0051	0.0022							
13303	-220.0	-149.2	-1932.0	36.4	-493.7	-124.7	0.0084	0.0051	0.0022							
13304	-222.3	-154.3	-1948.8	54.1	-495.2	143.5	0.0084	0.0051	0.0022							
13305	-309.8	-178.3	-1900.4	-49.5	-512.3	-193.0	0.0084	0.0051	0.0022							
13306	-312.2	-178.2	-1909.6	-30.1	-519.0	-157.5	0.0084	0.0051	0.0022							
13307	-314.5	-180.9	-1922.9	41.8	-523.3	-120.9	0.0084	0.0051	0.0022							
13308	-316.9	-186.3	-1940.2	61.6	-525.1	145.0	0.0084	0.0051	0.0022							
13309	-412.3	-216.6	-1909.9	-54.5	-544.9	-187.5	0.0084	0.0051	0.0022							
13310	-415.4	-216.7	-1918.8	-33.0	-551.2	-152.4	0.0084	0.0051	0.0022							
13311	-418.1	-219.7	-1932.1	47.9	-555.6	-116.3	0.0084	0.0051	0.0022							
13312	-420.6	-225.5	-1949.9	69.8	-557.8	146.9	0.0084	0.0051	0.0022							
13313	-528.2	-264.7	-1948.3	-60.8	-584.0	-182.3	0.0084	0.0051	0.0022							
13314	-532.0	-265.1	-1957.1	-36.9	-590.0	-146.9	0.0084	0.0051	0.0022							
13315	-535.2	-268.4	-1970.7	55.1	-594.4	113.1	0.0084	0.0051	0.0022							
13316	-537.8	-274.6	-1989.0	79.5	-597.0	149.6	0.0084	0.0051	0.0022							
13317	-668.0	-327.2	-2028.4	-69.8	-635.5	-177.4	0.0084	0.0051	0.0022							
13318	-672.6	-327.9	-2037.3	-42.6	-641.4	-140.9	0.0084	0.0051	0.0022							
13319	-676.4	-331.6	-2051.3	64.7	-645.8	116.0	0.0084	0.0051	0.0022							
13320	-679.4	-338.3	-2070.5	92.3	-648.6	153.5	0.0084	0.0051	0.0022							
13321	-853.4	-420.2	-2222.1	-83.9	-702.0	-172.5	0.0084	0.0051	0.0022							
13322	-859.2	-421.3	-2232.1	-52.0	-707.6	-134.0	0.0084	0.0051	0.0022							
13323	-863.8	-425.4	-2247.3	79.4	-712.1	119.8	0.0084	0.0051	0.0022							
13324	-867.1	-432.7	-2267.3	111.5	-715.3	159.2	0.0084	0.0051	0.0022							
13325	-1166.2	-528.5	-2307.5	-117.0	-995.4	-172.2	0.0085	0.0155	0.0127				-0.51	-0.59	-2.90	
13326	-1175.1	-530.1	-2319.5	-73.9	-1002.4	-120.4	0.0084	0.0155	0.0127				-0.52	-0.59	-2.91	
13327	-1181.2	-534.9	-2334.8	112.2	-1008.1	119.2	0.0084	0.0155	0.0127				-0.51	-0.61	-2.93	
13328	-1184.2	-543.0	-2353.3	155.5	-1012.4	172.3	0.0085	0.0155	0.0127				-0.50	-0.62	-2.96	
13329	203.6	51.3	-1783.9	-5.3	133.5	-223.0	0.0084	0.0051	0.0022							
13330	206.2	53.8	-1795.0	-2.4	134.1	-183.9	0.0084	0.0051	0.0022							
13331	206.7	53.4	-1808.7	2.1	133.9	-142.9	0.0084	0.0051	0.0022							
13332	205.2	49.9	-1824.9	5.1	132.8	121.9	0.0084	0.0051	0.0022							
13333	196.5	47.3	-1805.4	-8.5	57.2	-225.3	0.0084	0.0051	0.0022							
13334	199.1	49.5	-1816.1	-5.3	56.5	-185.2	0.0084	0.0051	0.0022							
13335	199.5	49.1	-1829.7	4.7	55.7	-143.3	0.0084	0.0051	0.0022							
13336	197.9	45.8	-1846.1	8.0	54.8	125.2	0.0084	0.0051	0.0022							
13337	187.7	41.5	-1831.4	-12.2	-120.5	-225.9	0.0084	0.0051	0.0022							
13338	190.1	43.4	-1841.8	-8.4	-122.8	-185.6	0.0084	0.0051	0.0022							
13339	190.5	42.9	-1855.3	7.7	-124.1	-143.3	0.0084	0.0051	0.0022							
13340	188.7	39.8	-1871.7	11.7	-124.5	127.9	0.0084	0.0051	0.0022							
13341	174.6	34.0	-1858.7	-16.1	-190.4	-225.0	0.0084	0.0051	0.0022							
13342	176.8	35.4	-1868.8	-11.4	-194.0	-185.1	0.0084	0.0051	0.0022							
13343	177.0	34.8	-1882.0	10.8	-195.9	-143.2	0.0084	0.0051	0.0022							
13344	175.1	32.0	-1898.4	15.7	-196.0	130.0	0.0084	0.0051	0.0022							
13345	154.0	24.6	-1882.7	-20.1	-247.1	-222.6	0.0084	0.0051	0.0022							
13346	155.9	25.7	-1892.4	-14.3	-251.8	-183.8	0.0084	0.0051	0.0022							
13347	155.9	25.0	-1905.4	14.1	-254.1	-142.8	0.0084	0.0051	0.0022							
13348	153.8	22.3	-1921.7	20.1	-254.0	131.4	0.0084	0.0051	0.0022							
13349	122.5	13.5	-1898.6	-24.1	-289.5	-218.8	0.0084	0.0051	0.0057							
13350	124.1	14.2	-1908.1	-17.0	-295.0	-181.5	0.0084	0.0051	0.0057							
13351	123.8	13.3	-1920.9	17.6	-297.7	-142.2	0.0084	0.0051	0.0057							
13352	121.6	10.7	-1937.0	25.0	-297.6	132.1	0.0084	0.0051	0.0057							
13353	77.8	0.3	-1903.4	-28.3	-319.4	-213.8	0.0084	0.0051	0.0057							
13354	78.9	0.8	-1912.6	-19.6	-325.5	-178.5	0.0084	0.0051	0.0057							
13355	78.3	-0.3	-1925.2	21.3	-328.5	-141.2	0.0084	0.0051	0.0057							
13356	76.2	-3.0	-1941.1	30.2	-328.5	132.3	0.0084	0.0051	0.0057							
13357	19.9	-15.2	-1896.6	-32.5	-340.7	-207.9	0.0084	0.0051	0.0057							
13358	20.2	-14.9	-1905.5	-22.1	-347.0	-174.7	0.0084	0.0051	0.0057							
13359	19.5	-16.2	-1917.9	25.1	-350.3	-139.7	0.0084	0.0051	0.0057							
13360	17.5	-19.0	-1933.8	35.8	-350.5	132.2	0.0084	0.0051	0.0057							
13361	-48.7	-33.5	-1881.6	-36.6	-357.9	-201.7	0.0084	0.0051	0.0022							
13362	-49.1	-33.4	-1890.1	-24.5	-364.3	-170.4	0.0084	0.0051	0.0022							
13363	-50.1	-34.8	-1902.4	29.2	-367.8	-137.6	0.0084	0.0051	0.0022							
13364	-51.8	-37.9	-1918.4	41.6	-368.3	131.9	0.0084	0.0051	0.0022							
13365	-124.0	-55.1	-1865.1	-40.7	-375.1	-195.1	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13366	-125.2	-55.1	-1873.3	-26.8	-381.5	-165.6	0.0084	0.0051	0.0022							
13367	-126.5	-56.8	-1885.5	33.3	-385.1	-134.6	0.0084	0.0051	0.0022							
13368	-127.8	-60.1	-1901.8	47.5	-385.8	131.7	0.0084	0.0051	0.0022							
13369	-202.0	-80.6	-1855.8	-44.4	-394.5	-188.4	0.0084	0.0051	0.0022							
13370	-203.9	-80.8	-1863.8	-29.0	-400.7	-160.2	0.0084	0.0051	0.0022							
13371	-205.5	-82.6	-1876.1	37.6	-404.4	-130.6	0.0084	0.0051	0.0022							
13372	-206.6	-86.2	-1892.6	53.2	-405.4	131.5	0.0084	0.0051	0.0022							
13373	-278.8	-110.5	-1863.2	-48.0	-416.7	-181.5	0.0084	0.0051	0.0022							
13374	-281.4	-110.9	-1871.3	-31.4	-422.7	-154.1	0.0084	0.0051	0.0022							
13375	-283.1	-112.9	-1883.7	42.0	-426.4	-125.5	0.0084	0.0051	0.0022							
13376	-284.0	-116.7	-1900.5	58.8	-427.7	131.2	0.0084	0.0051	0.0022							
13377	-349.4	-144.9	-1896.0	-51.2	-442.8	-174.1	0.0084	0.0051	0.0022							
13378	-352.6	-145.7	-1904.4	-34.1	-448.6	-147.0	0.0084	0.0051	0.0022							
13379	-354.5	-147.9	-1917.0	46.9	-452.3	-118.9	0.0084	0.0051	0.0022							
13380	-355.2	-151.7	-1934.1	64.2	-454.0	130.9	0.0084	0.0051	0.0022							
13381	-405.2	-183.6	-1965.3	-54.0	-479.7	-166.4	0.0084	0.0051	0.0022							
13382	-408.9	-184.9	-1974.4	-37.2	-485.0	-138.5	0.0084	0.0051	0.0022							
13383	-411.0	-187.3	-1987.4	52.3	-488.8	-109.8	0.0084	0.0051	0.0022							
13384	-411.2	-190.7	-2004.5	69.1	-491.1	130.6	0.0084	0.0051	0.0022							
13385	-420.4	-217.0	-2043.4	-55.3	-580.8	-160.3	0.0084	0.0051	0.0022							
13386	-424.4	-219.2	-2053.9	43.9	-585.9	-127.9	0.0084	0.0051	0.0022							
13387	-426.4	-221.5	-2067.3	58.7	-590.1	99.5	0.0084	0.0051	0.0022							
13388	-426.2	-224.2	-2083.4	73.1	-593.6	132.8	0.0084	0.0051	0.0022							
13389	-401.9	-215.9	-1937.1	-55.4	-844.9	-160.2	0.0084	0.0051	0.0022							
13390	-405.6	-218.5	-1947.7	51.3	-852.2	-115.4	0.0084	0.0051	0.0022							
13391	-407.2	-220.7	-1960.0	64.1	-857.7	95.2	0.0084	0.0051	0.0022							
13392	-406.8	-222.6	-1974.1	76.5	-861.2	141.3	0.0084	0.0051	0.0022							
13393	280.9	156.6	-1676.5	-5.4	152.8	-222.4	0.0084	0.0051	0.0022							
13394	283.7	159.4	-1684.0	-2.5	153.8	-187.3	0.0084	0.0051	0.0022							
13395	284.5	159.8	-1695.8	2.0	153.6	-150.5	0.0084	0.0051	0.0022							
13396	283.4	157.5	-1711.9	4.9	152.3	121.2	0.0084	0.0051	0.0022							
13397	277.3	152.1	-1699.3	-8.4	76.4	-225.1	0.0084	0.0051	0.0022							
13398	280.1	154.4	-1706.2	-5.5	76.1	-188.7	0.0084	0.0051	0.0022							
13399	280.9	154.7	-1718.0	4.6	75.5	-150.6	0.0084	0.0051	0.0022							
13400	279.7	152.9	-1734.5	7.6	74.5	124.7	0.0084	0.0051	0.0022							
13401	275.6	145.6	-1734.2	-11.8	-120.8	-226.4	0.0084	0.0051	0.0022							
13402	278.2	147.4	-1740.5	-8.6	-122.5	-189.4	0.0084	0.0051	0.0022							
13403	278.9	147.7	-1752.2	7.4	-123.6	-150.5	0.0084	0.0051	0.0022							
13404	277.6	146.2	-1769.1	10.8	-124.1	127.6	0.0084	0.0051	0.0022							
13405	272.9	137.5	-1776.5	-15.1	-187.0	-226.1	0.0084	0.0051	0.0022							
13406	275.3	138.7	-1782.4	-11.6	-190.0	-189.3	0.0084	0.0051	0.0022							
13407	275.8	138.8	-1793.9	10.3	-191.5	-150.3	0.0084	0.0051	0.0022							
13408	274.4	137.9	-1811.1	14.0	-191.6	129.9	0.0084	0.0051	0.0022							
13409	265.0	128.1	-1819.2	-18.3	-234.9	-224.2	0.0084	0.0051	0.0022							
13410	267.2	128.7	-1824.7	-14.3	-239.0	-188.2	0.0084	0.0051	0.0022							
13411	267.6	128.8	-1836.1	13.2	-240.9	-150.1	0.0084	0.0051	0.0022							
13412	266.1	128.2	-1853.4	17.4	-240.7	131.2	0.0084	0.0051	0.0022							
13413	246.7	117.7	-1853.8	-21.6	-263.3	-220.5	0.0084	0.0051	0.0057							
13414	248.7	117.8	-1859.2	-16.9	-268.2	-186.2	0.0084	0.0051	0.0057							
13415	248.9	117.8	-1870.5	16.2	-270.6	-149.7	0.0084	0.0051	0.0057							
13416	247.3	117.4	-1887.6	21.0	-270.2	131.5	0.0084	0.0051	0.0057							
13417	213.3	106.4	-1872.9	-25.0	-275.5	-215.4	0.0084	0.0051	0.0057							
13418	214.9	106.1	-1878.3	-19.4	-281.0	-183.3	0.0084	0.0051	0.0057							
13419	214.9	105.9	-1889.5	19.3	-283.7	-149.0	0.0084	0.0051	0.0057							
13420	213.3	105.7	-1906.5	25.0	-283.3	130.9	0.0084	0.0051	0.0057							
13421	162.7	93.8	-1873.4	-28.6	-278.8	-209.2	0.0084	0.0051	0.0057							
13422	163.8	93.4	-1878.9	-21.8	-284.7	-179.7	0.0084	0.0051	0.0057							
13423	163.6	93.1	-1890.1	22.4	-287.6	-147.9	0.0084	0.0051	0.0057							
13424	162.2	92.7	-1906.8	29.4	-287.4	129.8	0.0084	0.0051	0.0057							
13425	97.6	79.6	-1858.4	-32.3	-282.0	-202.5	0.0084	0.0051	0.0022							
13426	98.0	79.2	-1864.2	-24.0	-288.0	-175.3	0.0084	0.0051	0.0022							
13427	97.6	78.7	-1875.3	25.5	-291.0	-146.1	0.0084	0.0051	0.0022							
13428	96.5	78.1	-1891.8	34.0	-291.1	128.5	0.0084	0.0051	0.0022							
13429	24.5	63.3	-1836.8	-35.7	-292.0	-195.6	0.0084	0.0051	0.0022							
13430	24.1	62.9	-1842.9	-26.1	-298.0	-170.3	0.0084	0.0051	0.0022							
13431	23.6	62.3	-1854.1	28.6	-301.2	-143.2	0.0084	0.0051	0.0022							
13432	22.9	61.4	-1870.5	38.4	-301.6	127.5	0.0084	0.0051	0.0022							
13433	-47.3	44.8	-1820.2	-38.5	-312.6	-188.9	0.0084	0.0051	0.0022							
13434	-48.5	44.5	-1826.7	-27.9	-318.4	-164.7	0.0084	0.0051	0.0022							
13435	-49.2	43.7	-1838.0	31.4	-321.7	-139.0	0.0084	0.0051	0.0022							
13436	-49.2	42.5	-1854.2	42.1	-322.5	126.8	0.0084	0.0051	0.0022							
13437	-107.4	24.6	-1818.9	-40.3	-344.9	-182.3	0.0084	0.0051	0.0022							
13438	-109.5	24.2	-1825.9	-29.5	-350.5	-158.3	0.0084	0.0051	0.0022							
13439	-110.2	23.3	-1837.4	33.9	-354.0	-133.1	0.0084	0.0051	0.0022							
13440	-109.6	22.0	-1853.4	44.7	-355.2	126.6	0.0084	0.0051	0.0022							
13441	-144.7	4.2	-1837.7	-40.9	-392.3	-175.9	0.0084	0.0051	0.0022							
13442	-147.5	3.4	-1845.6	-30.9	-397.6	-151.0	0.0084	0.0051	0.0022							
13443	-148.2	2.5	-1857.4	36.0	-401.2	-125.1	0.0084	0.0051	0.0022							
13444	-146.8	1.5	-1872.9	46.0	-403.0	127.1	0.0084	0.0051	0.0022							
13445	-150.0	-12.3	-1865.3	-40.0	-469.4	-170.6	0.0084	0.0051	0.0022							
13446	-152.9	-13.5	-1874.5	-31.9	-474.5	-142.6	0.0084	0.0051	0.0022							
13447	-153.5	-14.4	-1886.4	37.6	-478.5	-113.8	0.0084	0.0051	0.0022							
13448	-151.8	-14.9	-1900.9	45.7	-481.2	129.3	0.0084	0.0051	0.0022							
13449	-133.8	-16.3	-1847.0	-38.7	-604.0	-167.7	0.0084	0.0051	0.0022							
13450	-136.3	-18.0	-1857.3	-32.5	-609.7	-133.1	0.0084	0.0051	0.0022							
13451	-136.8	-18.8	-1868.9	38.7	-614.2	99.2	0.0084	0.0051	0.0022							
13452	-135.3	-18.5	-1881.6	44.7	-617.7	134.8	0.0084	0.0051	0.0022							
13453	-145.6	0.1	-1689.9	-40.6	-787.7	-165.1	0.0084	0.0051	0.0022							
13454	-147.7	-1.0	-1699.6	-33.0	-795.2	-121.9	0.0084	0.0051	0.0022							
13455	-148.3	-1.5	-1709.9	39.4	-800.5	97.4	0.0084	0.0051	0.0022							
13456	-147.5	-1.3	-1720.8	46.8	-803.6	141.7	0.0084	0.0051	0.0022							
13457	374.6	282.8	-1568.1	-5.7	169.2	-223.2	0.0084	0.0051	0.0034							
13458	378.0	286.4	-1572.7	-2.7	170.7	-191.1	0.0084	0.0051	0.0034							
13459	379.3	287.8	-1582.9	1.8	170.6	-157.6	0.0084	0.0051	0.0034							
13460	378.5	286.9	-1598.7	4.8	169.0	124.5	0.0084	0.0051	0.0034							
13461	375.5	277.5	-1593.7	-9.2	88.6	-226.7	0.0084	0.0051	0.0034							
13462	378.8	280.5	-1597.3	-6.1	89.1	-192.9	0.0084	0.0051	0.0034							
13463	380.0	281.9	-1607.5	4.5	88.6	-157.3	0.0084	0.0051	0.0034							
13464	379.2	281.6	-1624.2	7.6	87.1	128.7	0.0084	0.0051	0.0034							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13465	381.4	269.7	-1640.0	-12.6	-137.9	-229.3	0.0084	0.0051	0.0034							
13466	384.5	271.8	-1642.6	-9.5	-138.5	-194.0	0.0084	0.0051	0.0034							
13467	385.6	273.2	-1652.7	7.2	-139.5	-156.8	0.0084	0.0051	0.0034							
13468	384.9	273.6	-1670.3	10.4	-140.6	132.7	0.0084	0.0051	0.0034							
13469	390.7	260.1	-1702.2	-15.6	-205.0	-230.6	0.0084	0.0051	0.0034							
13470	393.5	261.3	-1703.8	-12.6	-206.8	-194.5	0.0084	0.0051	0.0034							
13471	394.6	262.6	-1713.9	9.8	-208.1	-156.2	0.0084	0.0051	0.0034							
13472	393.9	263.8	-1732.4	12.9	-208.8	136.0	0.0084	0.0051	0.0034							
13473	399.2	249.8	-1770.8	-17.9	-247.3	-230.0	0.0084	0.0051	0.0034							
13474	401.6	250.0	-1771.6	-15.3	-250.3	-194.1	0.0084	0.0051	0.0034							
13475	402.5	251.2	-1781.6	-12.3	-251.9	-155.7	0.0084	0.0051	0.0034							
13476	401.9	253.3	-1800.8	15.0	-252.2	138.3	0.0084	0.0051	0.0034							
13477	398.8	239.8	-1831.4	-20.0	-261.6	-227.2	0.0084	0.0051	0.0057							
13478	401.0	239.1	-1831.8	-17.8	-265.7	-192.6	0.0084	0.0051	0.0057							
13479	401.8	240.2	-1841.8	-15.1	-267.7	-155.3	0.0084	0.0051	0.0057							
13480	401.1	243.0	-1861.3	17.0	-267.5	138.9	0.0084	0.0051	0.0057							
13481	380.7	230.5	-1868.9	-22.4	-252.7	-222.1	0.0084	0.0051	0.0057							
13482	382.6	229.3	-1869.4	-20.0	-257.7	-190.0	0.0084	0.0051	0.0057							
13483	383.3	230.2	-1879.4	-17.5	-260.0	-155.0	0.0084	0.0051	0.0057							
13484	382.6	233.4	-1898.8	19.3	-259.5	138.0	0.0084	0.0051	0.0057							
13485	340.0	221.9	-1874.7	-25.2	-233.7	-215.5	0.0084	0.0051	0.0057							
13486	341.6	220.4	-1875.7	-22.2	-239.3	-186.3	0.0084	0.0051	0.0057							
13487	342.1	221.3	-1885.7	-19.2	-241.8	-154.3	0.0084	0.0051	0.0057							
13488	341.5	224.5	-1904.7	22.3	-241.3	136.0	0.0084	0.0051	0.0057							
13489	280.0	213.2	-1851.4	-28.5	-221.1	-208.1	0.0084	0.0051	0.0022							
13490	281.1	211.8	-1853.4	-24.3	-227.0	-181.9	0.0084	0.0051	0.0022							
13491	281.5	212.6	-1863.4	21.3	-229.7	-153.0	0.0084	0.0051	0.0022							
13492	281.2	215.4	-1881.7	25.6	-229.4	133.7	0.0084	0.0051	0.0022							
13493	211.6	203.6	-1812.8	-31.6	-227.5	-200.9	0.0084	0.0051	0.0022							
13494	212.2	202.7	-1815.9	-26.2	-233.4	-176.8	0.0084	0.0051	0.0022							
13495	212.4	203.3	-1826.1	23.3	-236.4	-150.4	0.0084	0.0051	0.0022							
13496	212.5	205.5	-1843.5	28.9	-236.3	132.0	0.0084	0.0051	0.0022							
13497	148.6	192.8	-1776.1	-34.1	-257.5	-194.3	0.0084	0.0051	0.0022							
13498	148.6	192.3	-1780.5	-27.8	-263.4	-171.1	0.0084	0.0051	0.0022							
13499	148.9	192.8	-1790.9	25.0	-266.5	-146.2	0.0084	0.0051	0.0022							
13500	149.3	194.4	-1807.2	31.4	-266.9	131.4	0.0084	0.0051	0.0022							
13501	102.2	181.0	-1753.5	-35.5	-310.5	-188.5	0.0084	0.0051	0.0022							
13502	101.8	180.9	-1759.4	-28.9	-316.1	-164.9	0.0084	0.0051	0.0022							
13503	102.0	181.4	-1770.0	26.1	-319.4	-139.9	0.0084	0.0051	0.0022							
13504	102.8	182.5	-1785.1	32.7	-320.5	132.1	0.0084	0.0051	0.0022							
13505	77.7	170.2	-1744.7	-35.7	-385.6	-183.6	0.0084	0.0051	0.0022							
13506	77.1	170.2	-1752.2	-29.6	-391.0	-157.9	0.0084	0.0051	0.0022							
13507	77.3	170.8	-1762.8	26.6	-394.7	-131.1	0.0084	0.0051	0.0022							
13508	78.3	171.7	-1776.5	32.7	-396.5	134.3	0.0084	0.0051	0.0022							
13509	70.4	163.7	-1730.2	-35.2	-485.5	-179.8	0.0084	0.0051	0.0022							
13510	69.9	163.8	-1739.1	-29.9	-491.0	-150.0	0.0084	0.0051	0.0022							
13511	70.1	164.4	-1749.6	26.6	-495.1	-119.4	0.0084	0.0051	0.0022							
13512	71.0	165.4	-1761.7	31.9	-497.6	138.2	0.0084	0.0051	0.0022							
13513	60.0	167.3	-1672.2	-35.5	-606.6	-176.1	0.0084	0.0051	0.0022							
13514	59.5	167.7	-1681.9	-30.1	-612.8	-140.9	0.0084	0.0051	0.0022							
13515	59.6	168.4	-1691.9	26.5	-617.3	107.2	0.0084	0.0051	0.0022							
13516	60.3	169.4	-1702.2	31.9	-620.1	143.4	0.0084	0.0051	0.0022							
13517	21.4	182.2	-1534.0	-37.9	-723.7	-170.0	0.0084	0.0051	0.0022							
13518	20.2	183.3	-1542.9	-30.3	-730.9	-129.9	0.0084	0.0051	0.0022							
13519	20.0	184.2	-1551.9	26.5	-735.7	106.0	0.0084	0.0051	0.0022							
13520	20.8	184.8	-1560.9	34.2	-738.2	147.0	0.0084	0.0051	0.0022							
13521	488.5	430.5	-1455.1	-6.3	181.8	-223.7	0.0084	0.0051	0.0034							
13522	492.9	435.8	-1458.0	-3.0	183.8	-194.7	0.0084	0.0051	0.0034							
13523	494.8	438.6	-1466.8	1.5	183.8	-164.4	0.0084	0.0051	0.0034							
13524	494.3	438.9	-1481.7	4.9	181.6	-132.6	0.0084	0.0051	0.0034							
13525	492.8	424.0	-1483.2	-11.0	95.3	-228.5	0.0084	0.0051	0.0034							
13526	497.2	428.5	-1484.7	-7.2	96.9	-196.8	0.0084	0.0051	0.0034							
13527	499.1	431.3	-1493.6	4.4	96.5	-163.6	0.0084	0.0051	0.0034							
13528	498.4	432.3	-1509.7	8.3	94.1	136.5	0.0084	0.0051	0.0034							
13529	503.3	413.5	-1540.8	-15.3	-169.5	-233.1	0.0084	0.0051	0.0034							
13530	507.4	417.0	-1540.5	-11.2	-168.5	-198.7	0.0084	0.0051	0.0034							
13531	509.2	419.8	-1549.3	7.3	-169.3	-162.4	0.0084	0.0051	0.0034							
13532	508.6	421.7	-1567.2	11.4	-171.8	142.3	0.0084	0.0051	0.0034							
13533	522.3	400.3	-1626.3	-18.4	-243.9	-237.2	0.0084	0.0051	0.0034							
13534	525.9	402.6	-1623.8	-14.8	-243.7	-200.2	0.0084	0.0051	0.0034							
13535	527.6	405.3	-1632.6	-10.4	-244.8	-161.0	0.0084	0.0051	0.0034							
13536	527.4	408.4	-1652.6	13.5	-247.2	148.2	0.0084	0.0051	0.0034							
13537	548.2	386.6	-1730.0	-20.1	-287.0	-239.6	0.0084	0.0051	0.0034							
13538	551.2	387.3	-1725.5	-17.7	-288.0	-201.0	0.0084	0.0051	0.0034							
13539	552.8	389.9	-1734.2	-14.4	-289.4	-159.7	0.0084	0.0051	0.0034							
13540	552.9	394.4	-1756.3	14.3	-291.2	153.1	0.0084	0.0051	0.0034							
13541	570.2	374.7	-1829.6	-20.8	-288.2	-239.1	0.0084	0.0051	0.0057							
13542	572.7	373.7	-1823.4	-19.9	-290.7	-200.6	0.0084	0.0051	0.0057							
13543	574.2	376.2	-1832.2	-18.2	-292.4	-158.8	0.0084	0.0051	0.0057							
13544	574.5	382.2	-1855.9	-17.2	-293.4	155.7	0.0084	0.0051	0.0057							
13545	571.0	366.5	-1894.7	-21.5	-251.4	-235.0	0.0084	0.0051	0.0057							
13546	573.2	364.0	-1887.9	-21.8	-255.4	-198.6	0.0084	0.0051	0.0057							
13547	574.5	366.4	-1896.8	-21.6	-257.4	-158.4	0.0084	0.0051	0.0057							
13548	575.0	373.6	-1921.2	-21.8	-257.5	155.3	0.0084	0.0051	0.0057							
13549	537.8	362.0	-1903.5	-23.1	-199.6	-227.8	0.0084	0.0051	0.0057							
13550	539.7	358.8	-1897.3	-23.7	-204.9	-195.1	0.0084	0.0051	0.0057							
13551	540.9	361.1	-1906.3	-24.1	-207.2	-158.3	0.0084	0.0051	0.0057							
13552	541.4	368.8	-1930.3	-24.6	-206.4	152.4	0.0084	0.0051	0.0057							
13553	474.1	360.0	-1858.3	-25.8	-164.5	-219.1	0.0084	0.0051	0.0022							
13554	475.9	357.0	-1853.9	-25.6	-170.8	-190.3	0.0084	0.0051	0.0022							
13555	477.0	359.2	-1862.9	-25.6	-173.3	-157.8	0.0084	0.0051	0.0022							
13556	477.4	366.4	-1885.4	-25.3	-172.1	148.5	0.0084	0.0051	0.0022							
13557	398.8	358.4	-1784.2	-29.2	-168.2	-210.5	0.0084	0.0051	0.0022							
13558	400.5	356.4	-1782.5	-27.4	-175.0	-184.9	0.0084	0.0051	0.0022							
13559	401.5	358.4	-1791.7	-26.2	-177.8	-156.2	0.0084	0.0051	0.0022							
13560	401.8	364.5	-1811.8	-24.4	-176.4	145.2	0.0084	0.0051	0.0022							
13561	333.2	355.6	-1712.2	-32.4	-213.4	-203.0	0.0084	0.0051	0.0022							
13562	334.8	354.9	-1713.7	-29.0	-220.2	-179.0	0.0084	0.0051	0.0022							
13563	335.7	356.8	-1723.0	-26.2	-223.2	-152.7	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13564	336.0	361.5	-1740.2	-22.8	-222.3	143.6	0.0084	0.0051	0.0022							
13565	288.9	351.3	-1660.1	-34.6	-289.8	-197.1	0.0084	0.0051	0.0022							
13566	290.4	351.6	-1664.5	-30.1	-296.2	-172.8	0.0084	0.0051	0.0022							
13567	291.2	353.4	-1673.9	-26.1	-299.4	-146.8	0.0084	0.0051	0.0022							
13568	291.5	356.9	-1688.4	24.3	-299.5	144.1	0.0084	0.0051	0.0022							
13569	264.2	346.4	-1625.5	-35.9	-385.4	-192.5	0.0084	0.0051	0.0022							
13570	265.4	347.4	-1632.3	-30.7	-391.4	-166.0	0.0084	0.0051	0.0022							
13571	266.1	349.2	-1641.7	-25.8	-394.9	-138.3	0.0084	0.0051	0.0022							
13572	266.5	352.0	-1653.8	24.9	-396.1	146.7	0.0084	0.0051	0.0022							
13573	247.1	343.2	-1589.9	-36.7	-490.6	-188.4	0.0084	0.0051	0.0022							
13574	248.0	344.6	-1598.1	-31.0	-496.6	-158.4	0.0084	0.0051	0.0022							
13575	248.6	346.5	-1607.4	-25.3	-500.5	-127.5	0.0084	0.0051	0.0022							
13576	249.0	348.8	-1617.5	25.2	-502.3	150.5	0.0084	0.0051	0.0022							
13577	221.5	343.7	-1528.0	-38.0	-593.6	-183.3	0.0084	0.0051	0.0022							
13578	222.0	345.6	-1536.9	-31.0	-600.0	-149.5	0.0084	0.0051	0.0022							
13579	222.4	347.6	-1545.6	-24.1	-604.2	119.3	0.0084	0.0051	0.0022							
13580	222.8	349.5	-1554.3	26.3	-606.2	154.1	0.0084	0.0051	0.0022							
13581	175.8	348.8	-1421.3	-40.2	-675.5	-175.5	0.0084	0.0051	0.0022							
13582	175.3	351.2	-1429.5	-30.9	-682.2	-138.9	0.0084	0.0051	0.0022							
13583	175.4	353.2	-1437.5	-21.6	-686.6	118.3	0.0084	0.0051	0.0022							
13584	176.1	354.6	-1445.2	28.7	-688.6	155.7	0.0084	0.0051	0.0022							
13585	-1400.7	-475.0	-1222.3	-143.6	-1318.1	-148.0	0.0085	0.0155	0.0127	1.16	0.63	0.77	0.00	-0.47	-2.66	0.0
13586	-1413.1	-477.2	-1229.1	83.8	-1329.1	-80.9	0.0084	0.0155	0.0127	4.46	2.41	2.95	0.00	-0.54	-2.69	0.0
13587	-1419.8	-482.4	-1237.0	144.8	-1336.3	83.2	0.0084	0.0155	0.0127	1.66	0.90	1.10	0.00	-0.49	-2.69	0.0
13588	-1420.5	-490.9	-1245.9	205.4	-1339.0	151.7	0.0085	0.0155	0.0127	1.25	0.68	0.83	0.00	-0.47	-2.71	0.0
13589	-408.9	-178.8	-73.4	36.8	-281.8	-34.0	0.0085	0.0155	0.0127	11.26	6.15	7.49	0.00	-0.28	-0.66	0.0
13590	-411.5	-181.4	-73.5	54.1	-284.0	-20.4	0.0084	0.0155	0.0127	11.33	6.13	7.49	0.00	-0.28	-0.67	0.0
13591	-412.3	-184.1	-73.8	70.9	-285.4	21.1	0.0084	0.0155	0.0127	10.70	5.79	7.07	0.00	-0.26	-0.68	0.0
13592	-411.3	-187.2	-74.4	87.4	-286.3	34.6	0.0085	0.0155	0.0127	10.65	5.82	7.08	0.00	-0.26	-0.69	0.0
13593	-59.0	-109.1	-60.5	36.4	-88.7	-15.1	0.0084	0.0155	0.0127	4.51	2.46	3.00	0.00	-0.15	-0.19	0.0
13594	-58.6	-111.3	-60.8	36.3	-89.5	-10.7	0.0084	0.0155	0.0127	4.44	2.40	2.94	0.00	-0.15	-0.19	0.0
13595	-57.7	-112.9	-61.2	35.8	-90.0	14.8	0.0084	0.0155	0.0127	3.84	2.08	2.54	0.00	-0.12	-0.20	0.0
13596	-56.5	-114.0	-61.6	34.9	-90.4	18.9	0.0084	0.0155	0.0127	3.83	2.09	2.55	0.00	-0.12	-0.21	0.0
13597	34.6	-64.4	-26.6	25.1	9.5	9.5	0.0084	0.0155	0.0127	5.04	2.74	3.34	0.00	-0.07	-0.11	0.0
13598	35.5	-65.5	-26.8	20.4	9.4	10.2	0.0084	0.0155	0.0127	4.92	2.66	3.26	0.00	-0.07	-0.11	0.0
13599	36.6	-66.0	-27.0	15.7	9.4	10.9	0.0084	0.0155	0.0127	4.84	2.62	3.20	0.00	-0.07	-0.11	0.0
13600	37.6	-66.0	-27.2	10.9	9.4	11.5	0.0084	0.0155	0.0127	4.78	2.61	3.18	0.00	-0.07	-0.11	0.0
13601	19.5	-41.7	-1.3	14.8	23.9	10.1	0.0084	0.0155	0.0127	4.64	2.53	3.08	0.00	-0.06	-0.08	0.0
13602	20.1	-41.6	-1.3	8.9	24.2	9.7	0.0084	0.0155	0.0127	4.51	2.44	2.98	0.00	-0.05	-0.08	0.0
13603	20.5	-41.2	-1.4	4.5	24.5	9.6	0.0084	0.0155	0.0127	4.45	2.41	2.94	0.00	-0.05	-0.08	0.0
13604	20.8	-40.7	-1.5	-3.3	24.8	9.9	0.0084	0.0155	0.0127	4.38	2.38	2.91	0.00	-0.05	-0.08	0.0
13605	-490.8	-156.3	-1332.1	-62.9	-1106.9	-151.6	0.0084	0.0051	0.0022							
13606	-494.8	-157.3	-1338.9	44.3	-1116.7	-95.4	0.0084	0.0051	0.0022							
13607	-497.0	-159.0	-1347.1	65.1	-1123.1	85.9	0.0084	0.0051	0.0022							
13608	-497.1	-161.7	-1356.7	85.6	-1125.9	143.1	0.0084	0.0051	0.0022							
13609	-549.3	-69.7	-582.3	-61.0	-802.3	-99.5	0.0084	0.0051	0.0022							
13610	-554.1	-68.4	-584.8	-32.9	-809.1	-61.3	0.0084	0.0051	0.0022							
13611	-556.6	-69.7	-588.2	57.1	-813.5	62.4	0.0084	0.0051	0.0022							
13612	-556.9	-73.5	-592.5	85.0	-815.6	100.8	0.0084	0.0051	0.0022							
13613	-279.2	18.3	-223.7	-29.6	-349.4	-49.1	0.0084	0.0051	0.0022							
13614	-281.5	19.6	-224.6	18.5	-352.4	-33.5	0.0084	0.0051	0.0022							
13615	-282.5	19.1	-225.9	34.1	-354.3	42.4	0.0084	0.0051	0.0022							
13616	-282.5	17.1	-227.8	49.9	-355.4	57.7	0.0084	0.0051	0.0022							
13617	-101.6	60.2	-130.7	-11.0	-127.5	-23.1	0.0084	0.0051	0.0022							
13618	-102.4	61.4	-131.1	10.3	-128.4	28.0	0.0084	0.0051	0.0022							
13619	-102.6	61.6	-132.1	17.3	-129.1	33.7	0.0084	0.0051	0.0022							
13620	-102.4	60.9	-133.5	24.8	-129.5	39.0	0.0084	0.0051	0.0022							
13621	-18.2	96.2	-19.2	-6.1	-14.5	27.1	0.0084	0.0155	0.0127	12.20	6.64	8.10	0.00	-0.11	-0.14	0.0
13622	-18.3	97.8	-19.1	2.8	-14.0	27.8	0.0084	0.0155	0.0127	12.39	6.70	8.19	0.00	-0.11	-0.14	0.0
13623	-18.3	98.5	-19.5	6.0	-13.7	29.3	0.0084	0.0155	0.0127	12.56	6.79	8.30	0.00	-0.11	-0.14	0.0
13624	-18.2	98.5	-20.4	10.9	-13.7	31.1	0.0084	0.0155	0.0127	12.64	6.88	8.39	0.00	-0.11	-0.15	0.0
13625	-227.0	39.8	-1313.3	-47.3	-911.2	-152.0	0.0084	0.0051	0.0022							
13626	-229.7	40.3	-1320.4	-33.0	-919.8	-104.5	0.0084	0.0051	0.0022							
13627	-231.0	40.1	-1328.1	39.8	-925.3	91.9	0.0084	0.0051	0.0022							
13628	-230.6	39.3	-1336.5	54.0	-927.7	140.1	0.0084	0.0051	0.0022							
13629	-284.1	94.5	-835.4	-48.2	-803.9	-118.6	0.0084	0.0051	0.0022							
13630	-287.3	96.2	-839.7	-28.4	-811.0	-79.5	0.0084	0.0051	0.0022							
13631	-288.9	96.4	-844.4	35.8	-815.6	79.9	0.0084	0.0051	0.0022							
13632	-288.9	95.1	-849.7	55.7	-817.7	119.3	0.0084	0.0051	0.0022							
13633	-238.3	141.7	-486.4	-38.5	-528.5	-78.4	0.0084	0.0051	0.0022							
13634	-241.0	143.8	-488.8	-19.6	-532.9	-54.2	0.0084	0.0051	0.0022							
13635	-242.5	144.4	-491.7	26.9	-535.8	66.3	0.0084	0.0051	0.0022							
13636	-242.6	143.4	-494.9	45.8	-537.5	90.4	0.0084	0.0051	0.0022							
13637	-114.5	181.7	-288.0	-24.3	-267.7	-45.0	0.0084	0.0051	0.0022							
13638	-116.0	183.6	-289.5	-10.8	-269.6	43.9	0.0084	0.0051	0.0022							
13639	-116.8	184.4	-291.6	15.9	-271.0	55.8	0.0084	0.0051	0.0022							
13640	-116.7	184.3	-294.2	29.4	-272.1	67.6	0.0084	0.0051	0.0022							
13641	-25.8	219.5	-99.5	-16.2	-81.6	40.3	0.0084	0.0155	0.0127	26.96	14.68	17.90	0.00	-0.21	-0.38	0.0
13642	-26.5	221.3	-100.1	-5.8	-81.3	44.4	0.0084	0.0155	0.0127	27.21	14.71	17.98	0.00	-0.21	-0.38	0.0
13643	-26.6	222.3	-101.6	7.5	-81.3	48.9	0.0084	0.0155	0.0127	27.34	14.79	18.07	0.00	-0.21	-0.39	0.0
13644	-26.3	222.7	-103.6	18.0	-81.6	53.8	0.0084	0.0155	0.0127	27.44	14.93	18.21	0.00	-0.21	-0.39	0.0
13645	-58.9	207.1	-1282.1	-42.0	-791.3	-156.0	0.0084	0.0051	0.0022							
13646	-62.0	209.1	-1289.1	-29.6	-798.8	-114.3	0.0084	0.0051	0.0022							
13647	-62.9	210.1	-1296.4	26.3	-803.7	102.4	0.0084	0.0051	0.0022							
13648	-61.1	210.2	-1303.8	38.7	-805.9	144.7	0.0084	0.0051	0.0022							
13649	-119.0	237.0	-962.8	-43.5	-736.3	-129.5	0.0084	0.0051	0.0022							
13650	-121.4	239.6	-968.0	-26.6	-742.8	-93.3	0.0084	0.0051	0.0022							
13651	-122.6	240.8	-973.2	24.6	-747.1	94.8	0.0084	0.0051	0.0022							
13652	-122.4	240.5	-978.7	41.5	-749.1	131.4	0.0084	0.0051	0.0022							
13653	-119.6	265.0	-683.3	-38.7	-565.8	-97.0	0.0084	0.0051	0.0022							
13654	-121.9	267.7	-686.9	-20.7	-570.4	-70.8	0.0084	0.0051	0.0022							
13655	-123.1	268.9	-690.7	20.2	-573.6	85.3	0.0084	0.0051	0.0022							
13656	-123.3	268.8	-694.8	38.3	-575.4	111.4	0.0084	0.0051	0.0022							
13657	-70.7	290.4	-470.1	-30.0	-353.8	-65.1	0.0084	0.0051	0.0022							
13658	-72.3	292.7	-472.5	-13.9	-356.1	60.0	0.0084	0.0051	0.0022							
13659	-73.2	293.7	-475.7	14.2	-358.1	76.0	0.0084	0.0051	0.0022							
13660	-73.4	293.8	-479.7	30.7	-359.9	91.9	0.0084	0.0051	0.0022							
13661	-17.0	318.4	-254.3	-22.6	-131.3	53.8	0.0084	0.0155	0.0127	38.79	21.12	25.75	0.00	-0.29	-0.64	0.0
13662	-18.0	320.4	-255.9	-8.4	-131.2	60.3	0.0084	0.0155	0.0127	39.07	21.13	25.82	0.00	-0.29	-0.65	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13663	-18.2	321.1	-258.6	8.6	-131.5	67.4	0.0084	0.0155	0.0127	39.17	21.18	25.89	0.00	-0.29	-0.65	0.0
13664	-17.8	321.0	-263.0	23.3	-132.5	74.9	0.0084	0.0155	0.0127	39.20	21.34	26.02	0.00	-0.29	-0.66	0.0
13665	97.9	357.9	-1250.7	-43.0	-710.7	-161.5	0.0084	0.0051	0.0022							
13666	96.4	360.8	-1257.6	-30.1	-717.2	-124.6	0.0084	0.0051	0.0022							
13667	96.0	362.8	-1264.4	19.5	-721.5	115.4	0.0084	0.0051	0.0022							
13668	96.9	363.8	-1271.1	32.4	-723.6	152.8	0.0084	0.0051	0.0022							
13669	11.4	369.2	-1034.7	-43.9	-665.1	-138.9	0.0084	0.0051	0.0022							
13670	8.9	372.4	-1040.3	-27.5	-670.6	-106.2	0.0084	0.0051	0.0022							
13671	8.1	374.3	-1045.8	19.0	-674.4	109.9	0.0084	0.0051	0.0022							
13672	8.9	374.9	-1051.1	35.5	-676.3	142.9	0.0084	0.0051	0.0022							
13673	-28.6	379.5	-827.4	-40.9	-542.4	-111.5	0.0084	0.0051	0.0022							
13674	-30.7	382.5	-831.7	-22.7	-546.5	-86.2	0.0084	0.0051	0.0022							
13675	-31.8	384.1	-836.1	17.0	-549.5	102.7	0.0084	0.0051	0.0022							
13676	-31.9	384.5	-840.6	35.4	-551.3	127.9	0.0084	0.0051	0.0022							
13677	-22.1	388.7	-644.7	-34.5	-371.2	-82.3	0.0084	0.0051	0.0022							
13678	-23.7	391.1	-648.0	-16.6	-373.3	77.2	0.0084	0.0051	0.0022							
13679	-24.4	392.1	-652.0	13.6	-375.3	94.4	0.0084	0.0051	0.0022							
13680	-24.9	392.2	-656.8	32.4	-377.6	111.2	0.0084	0.0051	0.0022							
13681	-6.6	398.2	-458.1	-27.5	-150.0	69.1	0.0084	0.0155	0.0127	48.33	26.31	32.08	0.00	-0.37	-0.91	0.0
13682	-7.8	400.3	-460.7	-10.5	-149.7	76.4	0.0084	0.0155	0.0127	48.63	26.30	32.14	0.00	-0.37	-0.92	0.0
13683	-8.0	400.8	-464.5	9.6	-149.8	84.5	0.0084	0.0155	0.0127	48.69	26.33	32.18	0.00	-0.37	-0.93	0.0
13684	-7.8	399.5	-471.2	27.8	-151.8	93.9	0.0084	0.0155	0.0127	48.59	26.45	32.25	0.00	-0.37	-0.94	0.0
13685	419.2	-205.7	-660.9	-108.8	503.4	121.9	0.0533	0.0154	0.0244	11.67	40.46	25.43	0.00	-0.80	-1.51	0.0
13686	424.9	-216.5	-702.0	-154.7	502.9	179.3	0.0533	0.0153	0.0244	11.71	40.93	25.56	0.00	-0.78	-1.59	0.0
13687	324.4	-192.2	-795.2	-84.2	434.2	157.3	0.0531	0.0051	0.0140							
13688	320.2	-205.6	-821.0	-118.9	436.4	167.3	0.0531	0.0051	0.0140							
13689	265.9	-157.9	-903.0	-74.2	408.8	143.5	0.0531	0.0051	0.0140							
13690	261.6	-166.5	-927.8	-100.2	411.3	158.0	0.0531	0.0051	0.0140							
13691	246.6	-128.3	-1025.3	-68.5	403.1	134.9	0.0084	0.0051	0.0140							
13692	241.8	-136.3	-1046.9	-88.0	406.4	150.4	0.0084	0.0051	0.0140							
13693	253.3	-107.1	-1164.5	-62.8	418.4	128.0	0.0084	0.0051	0.0140							
13694	249.1	-115.2	-1183.1	-77.6	420.9	143.4	0.0084	0.0051	0.0140							
13695	270.2	-92.9	-1308.1	-57.2	436.7	123.0	0.0084	0.0051	0.0140							
13696	266.5	-101.5	-1324.0	-69.8	438.3	137.9	0.0084	0.0051	0.0140							
13697	287.6	-82.7	-1443.4	-52.4	446.2	120.1	0.0084	0.0051	0.0140							
13698	283.8	-91.5	-1456.8	-63.7	446.8	134.9	0.0084	0.0051	0.0140							
13699	301.0	-74.3	-1561.2	-47.7	448.5	119.6	0.0084	0.0051	0.0140							
13700	296.8	-82.7	-1572.3	-57.9	448.0	134.7	0.0084	0.0051	0.0140							
13701	308.8	-66.6	-1656.5	-42.7	445.6	121.2	0.0084	0.0051	0.0057							
13702	304.1	-74.6	-1665.7	-51.7	444.3	137.1	0.0084	0.0051	0.0057							
13703	310.0	-59.6	-1730.0	-37.1	437.8	124.5	0.0084	0.0051	0.0057							
13704	305.1	-67.0	-1738.2	-44.9	435.7	141.6	0.0084	0.0051	0.0057							
13705	304.5	-53.2	-1786.1	-31.4	423.9	129.3	0.0084	0.0051	0.0022							
13706	299.6	-60.1	-1794.0	-38.0	421.4	147.7	0.0084	0.0051	0.0022							
13707	293.2	-47.7	-1829.0	-25.7	402.0	135.0	0.0084	0.0051	0.0022							
13708	288.5	-54.2	-1837.0	-31.1	399.4	154.9	0.0084	0.0051	0.0022							
13709	277.3	-43.3	-1862.3	-20.3	368.9	141.0	0.0084	0.0051	0.0022							
13710	273.0	-49.4	-1870.7	-24.6	366.2	162.4	0.0084	0.0051	0.0022							
13711	258.9	-40.0	-1889.4	-15.2	322.1	147.2	0.0084	0.0051	0.0022							
13712	254.9	-45.9	-1898.2	-18.6	319.6	169.9	0.0084	0.0051	0.0022							
13713	239.4	-38.2	-1913.1	-10.5	261.7	153.0	0.0084	0.0051	0.0022							
13714	235.8	-43.8	-1922.2	-13.0	259.5	176.9	0.0084	0.0051	0.0022							
13715	219.8	-37.9	-1935.6	-6.4	190.1	158.3	0.0084	0.0051	0.0022							
13716	216.5	-43.3	-1944.9	-8.0	188.4	183.0	0.0084	0.0051	0.0022							
13717	232.5	-75.9	-695.9	-83.4	440.3	105.3	0.0531	0.0051	0.0140							
13718	230.9	-80.2	-717.9	-86.7	444.4	131.9	0.0531	0.0051	0.0140							
13719	198.3	-83.9	-834.8	-70.2	397.1	116.8	0.0531	0.0051	0.0140							
13720	198.4	-89.5	-857.3	-82.3	400.7	131.6	0.0531	0.0051	0.0140							
13721	167.9	-67.4	-954.6	-62.3	370.4	116.7	0.0531	0.0051	0.0140							
13722	167.7	-73.8	-976.1	-76.7	373.2	127.7	0.0531	0.0051	0.0140							
13723	156.1	-45.3	-1071.2	-58.1	361.1	113.0	0.0084	0.0051	0.0140							
13724	155.4	-52.0	-1090.5	-71.2	363.8	123.8	0.0084	0.0051	0.0140							
13725	164.7	-25.6	-1196.4	-54.4	364.8	109.1	0.0084	0.0051	0.0140							
13726	163.8	-32.8	-1213.2	-65.9	367.1	119.5	0.0084	0.0051	0.0140							
13727	187.2	-9.9	-1327.1	-50.7	376.5	105.9	0.0084	0.0051	0.0140							
13728	185.9	-17.6	-1341.3	-60.9	378.0	115.9	0.0084	0.0051	0.0140							
13729	215.4	2.4	-1453.9	-46.7	387.8	103.9	0.0084	0.0051	0.0140							
13730	213.5	-5.4	-1465.6	-55.8	388.4	113.9	0.0084	0.0051	0.0140							
13731	242.8	12.5	-1566.8	-42.0	397.3	103.9	0.0084	0.0051	0.0140							
13732	240.1	4.8	-1576.1	-50.0	396.8	114.3	0.0084	0.0051	0.0140							
13733	264.2	20.8	-1657.7	-36.7	405.1	106.0	0.0084	0.0051	0.0057							
13734	260.8	13.5	-1665.3	-43.4	403.5	117.3	0.0084	0.0051	0.0057							
13735	276.4	27.9	-1723.8	-30.9	409.7	110.2	0.0084	0.0051	0.0057							
13736	272.6	21.1	-1730.5	-36.4	407.2	122.8	0.0084	0.0051	0.0057							
13737	278.0	33.9	-1766.6	-25.0	408.2	116.0	0.0084	0.0051	0.0022							
13738	274.2	27.5	-1773.5	-29.4	405.1	130.1	0.0084	0.0051	0.0022							
13739	270.1	38.8	-1791.0	-19.6	397.1	122.8	0.0084	0.0051	0.0022							
13740	266.5	32.8	-1798.4	-22.9	393.7	138.7	0.0084	0.0051	0.0022							
13741	255.3	42.7	-1802.9	-14.7	372.4	130.0	0.0084	0.0051	0.0022							
13742	252.1	37.1	-1811.2	-17.2	369.1	147.5	0.0084	0.0051	0.0022							
13743	237.4	45.5	-1808.7	-10.3	331.7	136.9	0.0084	0.0051	0.0022							
13744	234.6	40.2	-1817.9	-12.2	328.6	156.0	0.0084	0.0051	0.0022							
13745	220.6	47.0	-1814.2	-6.4	275.5	143.3	0.0084	0.0051	0.0022							
13746	218.0	41.9	-1824.2	-7.8	272.9	163.6	0.0084	0.0051	0.0022							
13747	210.0	46.9	-1823.6	5.3	207.2	148.9	0.0084	0.0051	0.0022							
13748	207.5	42.1	-1834.1	6.3	205.3	170.1	0.0084	0.0051	0.0022							
13749	234.7	52.3	-746.7	-44.5	427.6	108.0	0.0531	0.0051	0.0140							
13750	232.6	48.0	-764.8	-51.3	432.6	126.4	0.0531	0.0051	0.0140							
13751	230.4	34.9	-866.0	-45.2	401.6	109.4	0.0531	0.0051	0.0140							
13752	228.1	31.6	-885.2	-52.9	406.1	122.1	0.0531	0.0051	0.0140							
13753	216.2	45.8	-985.8	-44.8	367.9	107.2	0.0531	0.0051	0.0140							
13754	213.7	42.1	-1004.5	-53.4	371.6	116.7	0.0531	0.0051	0.0140							
13755	207.1	67.1	-1103.5	-44.8	341.3	103.4	0.0084	0.0051	0.0140							
13756	204.5	62.4	-1120.7	-53.6	344.5	111.3	0.0084	0.0051	0.0140							
13757	210.6	86.4	-1225.6	-44.5	324.0	99.1	0.0084	0.0051	0.0140							
13758	207.9	80.9	-1240.5	-52.9	326.8	106.1	0.0084	0.0051	0.0140							
13759	226.9	102.3	-1352.7	-43.1	318.1	-106.8	0.0084	0.0051	0.0140							
13760	224.0	96.2	-1365.1	-51.0	320.4	101.5	0.0084	0.0051	0.0140							
13761	253.5	114.9	-1478.6	-40.3	323.4	-114.6	0.0084	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13762	250.2	108.6	-1488.2	-47.2	324.7	-108.0	0.0084	0.0051	0.0140							
13763	285.2	125.0	-1592.3	-35.8	337.6	-119.4	0.0084	0.0051	0.0140							
13764	281.3	118.6	-1599.5	-41.6	337.7	-112.5	0.0084	0.0051	0.0140							
13765	314.9	132.9	-1682.7	-30.1	358.5	-120.7	0.0084	0.0051	0.0057							
13766	310.5	126.7	-1688.1	-34.6	357.2	-113.0	0.0084	0.0051	0.0057							
13767	335.6	139.2	-1742.2	-23.8	381.5	-118.7	0.0084	0.0051	0.0057							
13768	331.1	133.3	-1747.1	-27.0	378.9	-109.5	0.0084	0.0051	0.0057							
13769	343.8	144.3	-1770.0	-17.9	399.3	-114.1	0.0084	0.0051	0.0022							
13770	339.6	138.8	-1775.4	-19.9	395.7	116.9	0.0084	0.0051	0.0022							
13771	339.8	148.5	-1771.6	-12.8	403.9	114.7	0.0084	0.0051	0.0022							
13772	336.2	143.4	-1778.3	-14.0	399.8	127.4	0.0084	0.0051	0.0022							
13773	327.8	152.0	-1757.0	-8.7	389.0	123.3	0.0084	0.0051	0.0022							
13774	324.7	147.2	-1765.3	-9.4	384.8	138.0	0.0084	0.0051	0.0022							
13775	312.7	154.6	-1737.3	7.9	352.5	131.4	0.0084	0.0051	0.0022							
13776	310.2	150.2	-1747.1	7.8	348.7	147.7	0.0084	0.0051	0.0022							
13777	298.8	156.1	-1722.1	7.0	296.8	138.4	0.0084	0.0051	0.0022							
13778	296.4	152.0	-1733.1	7.4	293.8	156.1	0.0084	0.0051	0.0022							
13779	288.1	156.0	-1717.7	6.2	227.4	144.4	0.0084	0.0051	0.0022							
13780	285.8	152.3	-1729.5	7.2	225.2	163.1	0.0084	0.0051	0.0022							
13781	379.1	164.4	-803.4	-27.7	426.4	118.2	0.0531	0.0051	0.0140							
13782	376.1	161.5	-818.5	-34.3	430.5	131.1	0.0531	0.0051	0.0140							
13783	363.8	156.5	-902.2	-29.9	411.2	115.2	0.0531	0.0051	0.0140							
13784	360.9	156.5	-918.3	-36.9	415.1	125.8	0.0531	0.0051	0.0140							
13785	345.9	183.3	-1010.8	-33.1	376.4	110.5	0.0531	0.0051	0.0140							
13786	343.3	181.9	-1026.7	-40.3	380.0	118.9	0.0531	0.0051	0.0140							
13787	332.6	205.8	-1124.5	-36.2	335.7	104.8	0.0084	0.0051	0.0140							
13788	330.3	203.2	-1139.2	-43.6	339.1	111.2	0.0084	0.0051	0.0140							
13789	331.9	224.2	-1245.8	-38.3	297.9	-117.0	0.0084	0.0051	0.0140							
13790	329.8	220.6	-1258.5	-45.5	301.3	-111.6	0.0084	0.0051	0.0140							
13791	348.0	238.8	-1376.4	-38.5	270.1	-129.7	0.0084	0.0051	0.0140							
13792	345.6	234.4	-1386.5	-45.3	273.4	-125.5	0.0084	0.0051	0.0140							
13793	379.8	250.0	-1511.4	-36.2	260.4	-139.7	0.0084	0.0051	0.0140							
13794	376.8	245.2	-1518.3	-42.1	263.3	-136.3	0.0084	0.0051	0.0140							
13795	420.4	258.3	-1637.3	-31.4	274.4	-146.1	0.0084	0.0051	0.0140							
13796	416.5	253.2	-1641.2	-35.8	276.1	-142.6	0.0084	0.0051	0.0140							
13797	457.8	264.2	-1735.9	-24.5	310.7	-147.6	0.0084	0.0051	0.0057							
13798	453.2	259.1	-1737.7	-27.3	310.5	-143.1	0.0084	0.0051	0.0057							
13799	480.1	268.6	-1791.9	-17.0	359.3	-144.2	0.0084	0.0051	0.0057							
13800	475.3	263.6	-1793.3	-18.3	356.9	-137.8	0.0084	0.0051	0.0057							
13801	481.5	272.2	-1800.5	15.8	403.8	-136.9	0.0084	0.0051	0.0034							
13802	477.2	267.5	-1803.3	15.6	399.5	-127.9	0.0084	0.0051	0.0034							
13803	464.7	275.8	-1770.6	17.2	427.5	-127.5	0.0084	0.0051	0.0034							
13804	461.4	271.4	-1775.8	17.6	422.3	121.6	0.0084	0.0051	0.0034							
13805	438.9	279.7	-1720.2	16.1	421.0	121.5	0.0084	0.0051	0.0034							
13806	436.5	275.6	-1728.1	16.7	415.9	134.5	0.0084	0.0051	0.0034							
13807	413.4	283.3	-1668.4	13.5	384.3	130.8	0.0084	0.0051	0.0034							
13808	411.6	279.6	-1678.5	14.1	379.9	145.6	0.0084	0.0051	0.0034							
13809	393.9	285.9	-1629.4	10.4	323.9	138.4	0.0084	0.0051	0.0034							
13810	392.1	282.7	-1641.1	11.0	320.5	154.6	0.0084	0.0051	0.0034							
13811	381.9	286.6	-1610.6	7.5	248.7	144.7	0.0084	0.0051	0.0034							
13812	379.9	283.8	-1623.4	8.3	246.1	161.9	0.0084	0.0051	0.0034							
13813	492.1	288.8	-859.2	-28.1	439.3	131.1	0.0531	0.0051	0.0140							
13814	488.6	290.5	-871.9	-36.6	442.4	142.2	0.0531	0.0051	0.0140							
13815	467.6	315.5	-941.8	-29.5	424.4	126.9	0.0531	0.0051	0.0140							
13816	464.2	317.3	-955.0	-38.1	427.3	136.4	0.0531	0.0051	0.0140							
13817	446.5	341.9	-1034.3	-32.0	386.3	121.2	0.0531	0.0051	0.0140							
13818	443.6	342.2	-1047.2	-40.4	389.3	128.8	0.0531	0.0051	0.0140							
13819	431.5	363.3	-1135.9	-34.9	334.3	-118.4	0.0084	0.0051	0.0140							
13820	429.4	362.2	-1147.8	-43.2	337.5	119.6	0.0084	0.0051	0.0140							
13821	429.4	380.0	-1252.0	-37.5	276.8	-134.7	0.0084	0.0051	0.0140							
13822	427.8	377.8	-1262.1	-45.5	280.4	-130.9	0.0084	0.0051	0.0140							
13823	447.7	392.3	-1388.8	-38.5	224.9	-150.3	0.0084	0.0051	0.0140							
13824	446.2	389.3	-1396.2	-45.8	229.3	-148.4	0.0084	0.0051	0.0140							
13825	490.1	400.7	-1544.7	-36.4	195.3	-163.9	0.0084	0.0051	0.0140							
13826	488.0	397.0	-1548.2	-42.4	200.1	-163.4	0.0084	0.0051	0.0140							
13827	549.2	405.5	-1701.6	-30.6	205.4	-173.5	0.0084	0.0051	0.0140							
13828	545.5	401.2	-1700.7	-34.5	209.4	-173.3	0.0084	0.0051	0.0140							
13829	605.0	407.9	-1825.9	-21.5	261.2	-176.7	0.0084	0.0051	0.0057							
13830	599.9	403.0	-1821.6	-23.0	262.6	-175.1	0.0084	0.0051	0.0057							
13831	634.7	409.4	-1884.2	24.0	346.7	-172.1	0.0084	0.0051	0.0057							
13832	629.2	404.0	-1879.1	25.8	344.3	-167.6	0.0084	0.0051	0.0057							
13833	628.0	411.7	-1864.7	28.9	428.0	-161.1	0.0084	0.0051	0.0034							
13834	623.6	406.2	-1862.0	31.4	422.3	-152.9	0.0084	0.0051	0.0034							
13835	594.2	416.1	-1786.0	28.9	473.2	-147.2	0.0084	0.0051	0.0034							
13836	591.6	411.0	-1787.8	31.3	466.2	-135.6	0.0084	0.0051	0.0034							
13837	553.1	422.6	-1684.3	25.0	469.3	-134.2	0.0084	0.0051	0.0034							
13838	551.8	418.1	-1690.6	26.7	462.8	136.3	0.0084	0.0051	0.0034							
13839	520.5	429.9	-1592.6	19.3	423.5	134.3	0.0084	0.0051	0.0034							
13840	519.6	426.1	-1602.3	20.3	418.5	148.6	0.0084	0.0051	0.0034							
13841	501.5	435.7	-1528.9	13.7	351.6	142.3	0.0084	0.0051	0.0034							
13842	500.2	432.7	-1540.5	14.4	348.0	157.6	0.0084	0.0051	0.0034							
13843	493.5	438.6	-1497.4	9.3	267.3	148.7	0.0084	0.0051	0.0034							
13844	491.5	436.2	-1510.2	10.0	264.6	164.6	0.0084	0.0051	0.0034							
13845	666.5	35.8	-249.1	61.3	-1196.5	-404.3	0.0532	0.0233	0.0244	29.02	66.22	63.13	0.00	-1.48	-2.69	0.0
13846	614.3	17.9	-334.6	54.8	-1225.1	375.7	0.0532	0.0232	0.0244	27.69	63.37	60.29	0.00	-1.38	-2.74	0.0
13847	623.4	-17.6	-435.6	-53.0	-538.0	-193.0	0.0532	0.0233	0.0244	15.98	36.48	34.77	0.00	-0.81	-1.57	0.0
13848	586.0	-30.7	-516.6	55.0	-528.3	168.7	0.0532	0.0232	0.0244	15.00	34.37	32.67	0.00	-0.79	-1.57	0.0
13849	660.8	-55.1	-575.8	-78.9	-317.0	-172.0	0.0532	0.0233	0.0244	13.89	31.75	30.24	0.00	-0.74	-1.44	0.0
13850	627.4	-68.2	-657.4	-56.8	-304.7	113.5	0.0533	0.0232	0.0244	13.23	30.35	28.82	0.00	-0.77	-1.44	0.0
13851	688.1	-98.6	-569.8	-79.3	323.4	-154.5	0.0532	0.0233	0.0244	14.68	33.59	31.97	0.00	-0.86	-1.46	0.0
13852	659.1	-119.3	-660.9	-98.8	331.3	110.5	0.0533	0.0232	0.0244	13.95	32.07	30.42	0.00	-0.84	-1.51	0.0
13853	607.1	-180.7	-549.7	-116.9	514.0	-66.3	0.0532	0.0232	0.0244	15.41	35.30	33.56	0.00	-1.02	-1.57	0.0
13854	601.7	-197.8	-629.8	-162.4	514.0	142.2	0.0533	0.0153	0.0244	14.99	52.24	32.71	0.00	-0.95	-1.67	0.0
13855	437.6	147.1	-224.3	86.3	-1189.0	-341.0	0.0532	0.0233	0.0244	26.37	60.18	57.37	0.00	-1.28	-2.57	0.0
13856	416.8	166.5	-242.0	-71.6	-1205.3	424.1	0.0532	0.0232	0.0244	26.65	60.99	58.02	0.00	-1.27	-2.64	0.0
13857	310.8	125.7	-370.3	18.0	-522.2	-39.5	0.0531	0.0129	0.0140							
13858	304.7	136.1	-388.8	-30.8	-507.6	137.6	0.0531	0.0129	0.0140							
13859	314.6	110.6	-500.0	-35.7	-283.3	-42.5	0.0531	0.0129	0.0140							
13860	310.6	123.0	-516.3	-42.1	-275.0	94.4	0.0531	0.0129	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13861	305.7	67.4	-542.6	-55.3	300.3	-38.5	0.0531	0.0129	0.0140							
13862	307.1	77.1	-559.6	-53.8	300.5	98.5	0.0531	0.0129	0.0140							
13863	264.3	-14.1	-576.2	-81.5	435.6	67.1	0.0531	0.0129	0.0140							
13864	265.1	-9.3	-596.6	-79.0	436.2	120.5	0.0531	0.0051	0.0140							
13865	414.9	215.6	-218.5	65.7	-1150.5	-237.6	0.0532	0.0233	0.0244	24.95	56.93	54.28	0.00	-1.13	-2.44	0.0
13866	443.3	231.7	-219.5	-88.2	-1160.8	418.2	0.0532	0.0232	0.0244	26.49	60.64	57.69	0.00	-1.21	-2.56	0.0
13867	260.9	179.1	-379.7	9.1	-506.4	89.6	0.0531	0.0129	0.0140							
13868	261.9	172.7	-390.1	-47.3	-489.4	153.6	0.0531	0.0129	0.0140							
13869	217.6	171.7	-545.6	-36.1	-272.4	78.4	0.0531	0.0129	0.0140							
13870	215.3	172.5	-552.4	-46.3	-264.0	121.7	0.0531	0.0129	0.0140							
13871	206.4	137.0	-616.4	-39.9	301.7	87.8	0.0531	0.0129	0.0140							
13872	204.4	134.1	-624.4	-42.6	304.7	119.8	0.0531	0.0129	0.0140							
13873	219.1	89.6	-650.9	-41.5	406.8	100.3	0.0531	0.0129	0.0140							
13874	216.9	84.6	-664.8	-45.7	411.4	125.9	0.0531	0.0051	0.0140							
13875	641.7	281.1	-223.1	87.3	-1063.7	-170.4	0.0532	0.0233	0.0244	26.01	59.36	56.60	0.00	-1.12	-2.33	0.0
13876	695.1	306.9	-223.1	-130.0	-1072.1	413.5	0.0532	0.0232	0.0244	28.18	64.50	61.36	0.00	-1.23	-2.49	0.0
13877	483.8	253.0	-448.3	-24.3	-440.4	138.5	0.0531	0.0129	0.0140							
13878	484.6	242.4	-459.1	-63.8	-422.8	168.3	0.0531	0.0129	0.0140							
13879	435.9	255.7	-656.7	-40.5	-222.0	117.9	0.0531	0.0129	0.0140							
13880	432.4	258.3	-662.0	-51.3	-215.3	143.9	0.0531	0.0129	0.0140							
13881	406.1	227.1	-710.1	-36.4	300.5	117.8	0.0531	0.0129	0.0140							
13882	403.7	225.7	-717.8	-41.4	304.2	136.2	0.0531	0.0129	0.0140							
13883	389.5	190.9	-730.2	-30.1	397.0	118.5	0.0531	0.0129	0.0140							
13884	387.0	188.2	-742.3	-35.5	401.3	133.9	0.0531	0.0051	0.0140							
13885	997.4	384.6	-222.0	-91.0	-869.2	-88.1	0.0532	0.0233	0.0244	27.29	62.28	59.38	0.00	-1.05	-2.14	0.0
13886	1042.1	403.3	-232.9	-154.5	-874.8	379.3	0.0532	0.0232	0.0244	29.53	67.59	64.30	0.00	-1.19	-2.31	0.0
13887	800.3	364.0	-590.3	-55.3	-275.6	168.9	0.0531	0.0129	0.0140							
13888	798.6	355.1	-599.4	-71.4	-262.1	189.8	0.0531	0.0129	0.0140							
13889	666.9	350.3	-780.7	-46.0	186.6	143.7	0.0531	0.0129	0.0140							
13890	662.8	352.0	-785.4	-55.0	189.0	169.7	0.0531	0.0129	0.0140							
13891	576.9	321.6	-775.5	-36.7	329.8	138.5	0.0531	0.0129	0.0140							
13892	573.5	320.0	-782.8	-42.8	333.3	153.9	0.0531	0.0129	0.0140							
13893	523.7	294.3	-795.7	-29.5	414.2	134.1	0.0531	0.0129	0.0140							
13894	520.3	292.4	-806.3	-37.0	417.7	147.1	0.0531	0.0051	0.0140							
13895	200.3	-39.3	-1957.8	7.5	111.0	162.9	0.0084	0.0051	0.0022							
13896	197.2	-44.6	-1967.3	9.1	110.0	188.2	0.0084	0.0051	0.0022							
13897	180.3	-42.6	-1979.4	11.4	-54.4	166.7	0.0084	0.0051	0.0022							
13898	177.2	-47.8	-1989.0	13.6	-54.4	192.3	0.0084	0.0051	0.0022							
13899	158.1	-48.0	-1999.2	16.3	-139.6	169.6	0.0084	0.0051	0.0022							
13900	155.0	-53.0	-2008.7	19.1	-138.8	195.1	0.0084	0.0051	0.0022							
13901	131.6	-55.5	-2015.0	22.0	-218.0	171.7	0.0084	0.0051	0.0022							
13902	128.5	-60.4	-2024.5	25.6	-216.4	196.8	0.0084	0.0051	0.0022							
13903	98.4	-65.3	-2024.2	28.4	-286.6	172.8	0.0084	0.0051	0.0022							
13904	95.3	-70.2	-2033.8	32.8	-284.6	197.3	0.0084	0.0051	0.0022							
13905	55.8	-77.6	-2025.1	35.4	-344.5	173.2	0.0084	0.0051	0.0057							
13906	52.8	-82.5	-2034.8	40.8	-342.1	196.9	0.0084	0.0051	0.0057							
13907	2.3	-92.8	-2016.9	42.9	-391.9	173.1	0.0084	0.0051	0.0057							
13908	-0.5	-97.7	-2026.8	49.4	-389.6	195.9	0.0084	0.0051	0.0057							
13909	-62.8	-111.2	-2001.0	51.0	-430.9	172.8	0.0084	0.0051	0.0057							
13910	-65.2	-116.3	-2011.5	58.5	-428.7	194.7	0.0084	0.0051	0.0057							
13911	-138.8	-133.5	-1981.3	59.3	-464.2	172.6	0.0084	0.0051	0.0022							
13912	-140.9	-138.7	-1992.5	68.0	-462.3	193.6	0.0084	0.0051	0.0022							
13913	-224.5	-160.3	-1963.8	67.9	-494.6	172.7	0.0084	0.0051	0.0022							
13914	-226.1	-165.7	-1975.7	77.7	-493.1	193.2	0.0084	0.0051	0.0022							
13915	-318.8	-192.6	-1956.0	77.0	-525.0	173.5	0.0084	0.0051	0.0022							
13916	-320.1	-198.3	-1968.6	87.9	-524.0	193.5	0.0084	0.0051	0.0022							
13917	-422.4	-232.2	-1966.3	86.8	-558.2	175.2	0.0084	0.0051	0.0022							
13918	-423.4	-238.1	-1979.7	98.9	-557.7	195.1	0.0084	0.0051	0.0022							
13919	-539.6	-281.8	-2006.1	98.5	-597.9	178.1	0.0084	0.0051	0.0022							
13920	-540.6	-287.9	-2020.1	111.9	-597.8	198.3	0.0084	0.0051	0.0022							
13921	-681.3	-346.1	-2088.3	113.8	-649.9	182.9	0.0084	0.0051	0.0022							
13922	-682.2	-352.6	-2103.0	129.0	-650.1	203.8	0.0084	0.0051	0.0022							
13923	-869.1	-441.3	-2285.9	136.4	-717.1	190.3	0.0084	0.0051	0.0022							
13924	-869.8	-448.1	-2300.9	153.9	-717.8	212.5	0.0084	0.0051	0.0022							
13925	-1184.8	-553.1	-2369.7	188.9	-1014.6	214.0	0.0086	0.0154	0.0127				-0.49	-0.63	-2.98	
13926	-1183.3	-560.5	-2382.5	212.2	-1015.7	243.6	0.0087	0.0153	0.0127				-0.49	-0.64	-3.00	
13927	202.7	45.0	-1838.9	7.3	131.6	153.6	0.0084	0.0051	0.0022							
13928	200.0	40.5	-1849.9	8.8	130.5	175.4	0.0084	0.0051	0.0022							
13929	195.3	41.3	-1860.4	10.6	54.2	157.3	0.0084	0.0051	0.0022							
13930	192.6	37.1	-1871.5	12.4	53.9	179.4	0.0084	0.0051	0.0022							
13931	186.0	35.7	-1886.1	14.8	-124.0	160.0	0.0084	0.0051	0.0022							
13932	183.2	31.7	-1897.3	17.0	-123.2	182.0	0.0084	0.0051	0.0022							
13933	172.3	28.1	-1912.8	19.6	-194.9	161.6	0.0084	0.0051	0.0022							
13934	169.4	24.5	-1924.0	22.2	-193.2	183.1	0.0084	0.0051	0.0022							
13935	150.9	18.7	-1936.0	24.9	-252.4	162.0	0.0084	0.0051	0.0022							
13936	148.0	15.2	-1947.1	28.1	-250.2	182.7	0.0084	0.0051	0.0022							
13937	118.7	7.2	-1951.2	30.7	-295.7	161.3	0.0084	0.0051	0.0057							
13938	115.9	3.9	-1962.2	34.8	-293.2	181.1	0.0084	0.0051	0.0057							
13939	73.5	-6.4	-1955.3	37.2	-326.6	159.9	0.0084	0.0051	0.0057							
13940	70.9	-9.7	-1966.3	42.2	-324.0	178.6	0.0084	0.0051	0.0057							
13941	15.3	-22.6	-1948.1	44.2	-348.8	158.2	0.0084	0.0051	0.0057							
13942	13.2	-25.9	-1959.2	50.1	-346.3	175.8	0.0084	0.0051	0.0057							
13943	-53.5	-41.7	-1932.9	51.4	-366.9	156.4	0.0084	0.0051	0.0022							
13944	-55.0	-45.1	-1944.4	58.4	-364.7	173.1	0.0084	0.0051	0.0022							
13945	-129.0	-64.1	-1916.6	58.6	-384.8	154.9	0.0084	0.0051	0.0022							
13946	-129.9	-67.8	-1928.5	66.5	-382.9	170.8	0.0084	0.0051	0.0022							
13947	-207.3	-90.4	-1907.8	65.5	-404.7	153.8	0.0084	0.0051	0.0022							
13948	-207.6	-94.2	-1920.1	74.2	-403.2	169.2	0.0084	0.0051	0.0022							
13949	-284.2	-121.0	-1916.0	71.9	-427.4	153.0	0.0084	0.0051	0.0022							
13950	-283.9	-124.8	-1928.6	81.1	-426.2	168.1	0.0084	0.0051	0.0022							
13951	-354.9	-155.9	-1949.8	77.5	-454.1	152.5	0.0084	0.0051	0.0022							
13952	-354.1	-159.4	-1962.6	86.9	-453.4	167.7	0.0084	0.0051	0.0022							
13953	-410.4	-194.5	-2020.1	82.0	-492.1	153.0	0.0084	0.0051	0.0022							
13954	-408.9	-197.5	-2032.7	90.9	-492.2	168.9	0.0084	0.0051	0.0022							
13955	-424.6	-226.6	-2097.5	83.8	-595.8	159.1	0.0084	0.0051	0.0022							
13956	-422.6	-228.5	-2108.4	91.3	-597.1	177.9	0.0084	0.0051	0.0022							
13957	-405.1	-223.0	-1985.7	85.7	-862.9	177.7	0.0084	0.0051	0.0022							
13958	-403.0	-223.7	-1994.2	91.9	-863.3	204.1	0.0084	0.0051	0.0022							
13959	281.2	154.0	-1726.9	7.0	150.7	149.4	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13960	278.9	150.7	-1739.4	8.3	149.3	168.8	0.0084	0.0051	0.0022							
13961	277.5	149.9	-1750.1	9.8	73.5	153.5	0.0084	0.0051	0.0022							
13962	275.2	147.0	-1763.1	11.1	72.9	173.2	0.0084	0.0051	0.0022							
13963	275.4	143.8	-1785.2	13.1	-124.0	156.6	0.0084	0.0051	0.0022							
13964	273.0	141.5	-1798.6	14.6	-123.4	176.3	0.0084	0.0051	0.0022							
13965	272.2	136.1	-1827.5	16.7	-190.8	158.5	0.0084	0.0051	0.0022							
13966	269.8	134.3	-1841.0	18.3	-189.3	177.6	0.0084	0.0051	0.0022							
13967	263.8	127.0	-1869.9	20.4	-239.2	158.8	0.0084	0.0051	0.0022							
13968	261.4	125.7	-1883.4	22.4	-237.0	177.0	0.0084	0.0051	0.0022							
13969	245.0	116.6	-1904.0	24.6	-268.2	157.6	0.0084	0.0051	0.0057							
13970	242.6	115.7	-1917.3	27.1	-265.6	174.6	0.0084	0.0051	0.0057							
13971	211.1	105.1	-1922.6	29.5	-281.2	155.1	0.0084	0.0051	0.0057							
13972	208.8	104.3	-1935.5	32.7	-278.5	170.8	0.0084	0.0051	0.0057							
13973	160.3	92.0	-1922.7	35.0	-285.4	152.1	0.0084	0.0051	0.0057							
13974	158.4	91.2	-1935.4	39.0	-282.8	166.5	0.0084	0.0051	0.0057							
13975	95.1	77.1	-1907.5	40.8	-289.5	149.1	0.0084	0.0051	0.0022							
13976	93.9	76.0	-1920.1	45.7	-287.2	162.6	0.0084	0.0051	0.0022							
13977	22.4	60.0	-1885.9	46.2	-300.3	146.9	0.0084	0.0051	0.0022							
13978	21.9	58.7	-1898.4	51.8	-298.5	159.7	0.0084	0.0051	0.0022							
13979	-48.9	41.0	-1869.5	50.5	-321.6	145.6	0.0084	0.0051	0.0022							
13980	-48.3	39.5	-1881.9	56.6	-320.2	158.2	0.0084	0.0051	0.0022							
13981	-108.2	20.5	-1868.3	53.2	-354.9	145.4	0.0084	0.0051	0.0022							
13982	-106.6	19.1	-1880.4	59.3	-353.9	158.3	0.0084	0.0051	0.0022							
13983	-144.5	0.3	-1887.0	53.7	-403.5	147.0	0.0084	0.0051	0.0022							
13984	-142.0	-0.6	-1898.4	59.1	-403.3	160.9	0.0084	0.0051	0.0022							
13985	-149.1	-15.2	-1913.6	51.7	-482.7	151.9	0.0084	0.0051	0.0022							
13986	-146.4	-15.4	-1923.5	56.0	-483.4	168.0	0.0084	0.0051	0.0022							
13987	-133.0	-17.8	-1892.1	49.3	-619.7	162.8	0.0084	0.0051	0.0022							
13988	-130.6	-17.2	-1899.8	52.5	-620.7	182.8	0.0084	0.0051	0.0022							
13989	-145.9	-0.8	-1729.3	52.5	-804.5	176.4	0.0084	0.0051	0.0022							
13990	-144.2	-0.6	-1735.5	56.5	-804.2	201.2	0.0084	0.0051	0.0022							
13991	376.7	284.7	-1614.4	6.8	166.8	150.3	0.0084	0.0051	0.0034							
13992	374.5	282.5	-1628.2	8.0	164.9	168.2	0.0084	0.0051	0.0034							
13993	377.3	280.1	-1641.0	9.5	85.3	155.5	0.0084	0.0051	0.0034							
13994	375.2	278.7	-1655.7	10.5	83.9	173.8	0.0084	0.0051	0.0034							
13995	383.1	273.1	-1688.4	12.4	-141.5	160.1	0.0084	0.0051	0.0034							
13996	381.1	272.6	-1704.1	13.3	-141.8	178.5	0.0084	0.0051	0.0034							
13997	392.3	264.4	-1751.5	14.7	-208.9	163.6	0.0084	0.0051	0.0034							
13998	390.5	264.9	-1768.2	15.4	-208.3	181.7	0.0084	0.0051	0.0034							
13999	400.4	255.0	-1820.7	16.5	-251.4	165.1	0.0084	0.0051	0.0034							
14000	398.7	256.5	-1837.9	17.2	-249.8	182.3	0.0084	0.0051	0.0034							
14001	399.7	245.7	-1881.5	18.5	-265.9	164.2	0.0084	0.0051	0.0057							
14002	398.0	248.0	-1898.6	19.2	-263.6	180.0	0.0084	0.0051	0.0057							
14003	381.2	236.7	-1918.7	21.1	-257.5	161.1	0.0084	0.0051	0.0057							
14004	379.5	239.4	-1935.3	22.3	-254.7	175.1	0.0084	0.0051	0.0057							
14005	340.3	227.8	-1923.9	24.9	-239.2	156.7	0.0084	0.0051	0.0057							
14006	338.9	230.4	-1939.7	26.9	-236.5	169.2	0.0084	0.0051	0.0057							
14007	280.4	218.3	-1900.0	29.4	-227.4	152.5	0.0084	0.0051	0.0022							
14008	279.5	220.5	-1914.9	32.3	-225.0	163.8	0.0084	0.0051	0.0022							
14009	212.3	207.6	-1860.6	33.7	-234.7	149.6	0.0084	0.0051	0.0022							
14010	212.1	209.3	-1874.6	37.5	-232.7	160.5	0.0084	0.0051	0.0022							
14011	149.7	195.8	-1823.0	36.9	-265.8	148.8	0.0084	0.0051	0.0022							
14012	150.3	196.9	-1835.9	41.2	-264.3	160.1	0.0084	0.0051	0.0022							
14013	103.8	183.5	-1799.3	38.2	-320.1	150.4	0.0084	0.0051	0.0022							
14014	104.9	184.2	-1810.8	42.4	-319.2	162.7	0.0084	0.0051	0.0022							
14015	79.6	172.5	-1788.8	37.6	-396.9	154.7	0.0084	0.0051	0.0022							
14016	81.0	173.1	-1798.6	41.3	-396.7	168.9	0.0084	0.0051	0.0022							
14017	72.2	166.4	-1771.9	36.1	-498.7	162.1	0.0084	0.0051	0.0022							
14018	73.5	167.1	-1779.6	39.2	-498.9	179.0	0.0084	0.0051	0.0022							
14019	61.3	170.4	-1710.3	36.2	-621.2	171.6	0.0084	0.0051	0.0022							
14020	62.4	171.0	-1716.1	39.3	-621.2	191.6	0.0084	0.0051	0.0022							
14021	22.2	185.3	-1567.8	40.2	-738.7	178.9	0.0084	0.0051	0.0022							
14022	23.6	185.3	-1572.7	44.6	-737.9	201.7	0.0084	0.0051	0.0022							
14023	492.2	437.4	-1497.1	6.8	178.8	154.8	0.0084	0.0051	0.0034							
14024	489.8	435.8	-1511.0	7.7	176.3	171.5	0.0084	0.0051	0.0034							
14025	496.2	431.9	-1526.8	10.5	91.2	161.6	0.0084	0.0051	0.0034							
14026	493.7	431.2	-1542.3	11.5	88.6	179.1	0.0084	0.0051	0.0034							
14027	506.8	422.5	-1586.6	13.7	-174.5	169.1	0.0084	0.0051	0.0034							
14028	504.7	423.1	-1604.3	14.6	-176.6	187.3	0.0084	0.0051	0.0034							
14029	526.1	410.8	-1674.7	15.3	-249.4	176.3	0.0084	0.0051	0.0034							
14030	524.6	412.9	-1694.9	15.7	-250.8	194.8	0.0084	0.0051	0.0034							
14031	552.2	398.7	-1781.0	15.2	-292.4	181.5	0.0084	0.0051	0.0034							
14032	551.3	402.6	-1803.3	14.8	-292.5	199.4	0.0084	0.0051	0.0034							
14033	574.1	388.6	-1882.3	-17.5	-293.2	182.9	0.0084	0.0051	0.0057							
14034	573.3	394.1	-1905.6	-18.5	-291.8	199.2	0.0084	0.0051	0.0057							
14035	574.6	381.5	-1948.1	-22.6	-256.0	179.9	0.0084	0.0051	0.0057							
14036	573.7	388.2	-1971.1	-23.6	-253.5	193.7	0.0084	0.0051	0.0057							
14037	541.1	377.2	-1956.3	-25.0	-204.0	173.8	0.0084	0.0051	0.0057							
14038	540.2	384.2	-1978.0	-25.1	-201.0	185.2	0.0084	0.0051	0.0057							
14039	477.2	374.2	-1909.3	-24.4	-169.1	167.2	0.0084	0.0051	0.0022							
14040	476.6	380.6	-1929.0	-23.1	-166.0	177.0	0.0084	0.0051	0.0022							
14041	401.8	370.9	-1832.6	22.8	-173.4	162.4	0.0084	0.0051	0.0022							
14042	401.5	376.0	-1849.8	25.5	-170.4	171.9	0.0084	0.0051	0.0022							
14043	336.0	366.2	-1757.5	26.5	-219.8	160.7	0.0084	0.0051	0.0022							
14044	336.0	369.8	-1771.7	30.1	-217.3	171.2	0.0084	0.0051	0.0022							
14045	291.6	360.2	-1702.2	28.8	-298.0	162.6	0.0084	0.0051	0.0022							
14046	291.7	362.8	-1713.4	32.7	-296.3	174.8	0.0084	0.0051	0.0022							
14047	266.7	354.4	-1664.6	29.6	-395.6	167.6	0.0084	0.0051	0.0022							
14048	266.9	356.2	-1673.0	33.4	-394.6	181.9	0.0084	0.0051	0.0022							
14049	249.3	350.7	-1625.8	30.2	-502.5	174.4	0.0084	0.0051	0.0022							
14050	249.5	352.0	-1632.0	34.0	-501.8	191.3	0.0084	0.0051	0.0022							
14051	223.2	350.9	-1560.8	32.1	-606.5	181.1	0.0084	0.0051	0.0022							
14052	223.7	351.7	-1565.4	36.4	-605.7	200.3	0.0084	0.0051	0.0022							
14053	177.1	355.5	-1451.0	36.2	-688.7	184.8	0.0084	0.0051	0.0022							
14054	178.1	355.7	-1454.9	41.6	-687.7	205.4	0.0084	0.0051	0.0022							
14055	-1418.0	-504.0	-1254.2	251.7	-1338.4	204.5	0.0085	0.0154	0.0127	0.70	0.39	0.47	0.00	-0.46	-2.73	0.0
14056	-1413.0	-512.4	-1260.1	284.4	-1336.3	241.9	0.0086	0.0153	0.0127	0.32	0.18	0.22	0.00	-0.45	-2.74	0.0
14057	-410.5	-195.1	-76.0	99.6	-286.7	44.1	0.0085	0.0154	0.0127	10.46	5.79	7.02	0.00	-0.26	-0.69	0.0
14058	-408.8	-197.8	-76.5	108.2	-286.8	50.4	0.0086	0.0153	0.0127	10.37	5.82	7.02	0.00	-0.25	-0.70	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14059	-56.3	-118.6	-62.7	34.0	-90.6	21.4	0.0085	0.0154	0.0127	3.73	2.06	2.50	0.00	-0.12	-0.21	0.0
14060	-55.5	-119.2	-63.0	33.3	-90.5	22.8	0.0086	0.0154	0.0127	3.71	2.07	2.51	0.00	-0.12	-0.21	0.0
14061	37.6	-69.2	-28.1	7.2	9.4	11.4	0.0085	0.0154	0.0127	4.66	2.57	3.12	0.00	-0.07	-0.11	0.0
14062	38.0	-69.1	-28.2	4.6	9.5	10.9	0.0086	0.0154	0.0127	4.63	2.58	3.12	0.00	-0.07	-0.11	0.0
14063	20.3	-43.3	-2.2	-7.8	25.1	9.7	0.0085	0.0154	0.0127	4.32	2.37	2.88	0.00	-0.05	-0.09	0.0
14064	20.1	-43.3	-2.2	-10.8	25.7	9.3	0.0085	0.0154	0.0127	4.35	2.41	2.92	0.00	-0.05	-0.09	0.0
14065	-495.5	-161.9	-1364.7	101.3	-1125.7	188.1	0.0084	0.0051	0.0022							
14066	-493.4	-163.8	-1370.5	112.1	-1123.9	221.3	0.0084	0.0051	0.0022							
14067	-555.4	-75.6	-596.3	106.6	-815.8	130.9	0.0084	0.0051	0.0022							
14068	-553.3	-79.4	-598.9	121.9	-815.0	153.5	0.0084	0.0051	0.0022							
14069	-281.6	16.0	-229.4	62.1	-355.8	69.6	0.0084	0.0051	0.0022							
14070	-280.6	13.8	-230.3	70.8	-355.6	78.7	0.0084	0.0051	0.0022							
14071	-101.9	60.9	-134.8	30.7	-129.8	43.2	0.0084	0.0051	0.0022							
14072	-101.4	59.9	-135.4	34.9	-129.8	46.6	0.0084	0.0051	0.0022							
14073	-17.9	98.9	-21.2	14.9	-13.7	32.5	0.0085	0.0154	0.0127	12.74	7.00	8.51	0.00	-0.11	-0.15	0.0
14074	-17.7	98.5	-21.6	17.8	-13.6	34.2	0.0085	0.0154	0.0127	12.78	7.08	8.58	0.00	-0.12	-0.15	0.0
14075	-229.3	38.4	-1343.2	65.0	-927.5	177.8	0.0084	0.0051	0.0022							
14076	-227.7	37.0	-1348.2	72.8	-925.9	204.6	0.0084	0.0051	0.0022							
14077	-287.8	93.3	-853.9	71.0	-817.7	149.9	0.0084	0.0051	0.0022							
14078	-286.2	90.9	-857.1	81.9	-816.6	171.7	0.0084	0.0051	0.0022							
14079	-241.9	141.9	-497.6	60.5	-537.9	108.9	0.0084	0.0051	0.0022							
14080	-240.8	139.7	-499.5	71.0	-537.5	122.0	0.0084	0.0051	0.0022							
14081	-116.2	183.7	-296.3	40.1	-272.6	76.5	0.0084	0.0051	0.0022							
14082	-115.4	182.6	-297.8	47.6	-272.7	82.6	0.0084	0.0051	0.0022							
14083	-25.7	222.4	-105.4	26.3	-81.9	57.3	0.0085	0.0154	0.0127	27.43	15.07	18.32	0.00	-0.21	-0.40	0.0
14084	-25.0	221.8	-106.5	32.2	-81.9	59.8	0.0085	0.0154	0.0127	27.37	15.18	18.39	0.00	-0.21	-0.40	0.0
14085	-58.5	210.0	-1309.7	48.4	-805.8	177.6	0.0084	0.0051	0.0022							
14086	-56.0	209.1	-1313.9	55.2	-804.5	201.0	0.0084	0.0051	0.0022							
14087	-121.3	239.7	-983.0	54.8	-749.1	159.6	0.0084	0.0051	0.0022							
14088	-119.7	238.2	-986.1	64.1	-748.1	179.7	0.0084	0.0051	0.0022							
14089	-122.7	268.0	-698.1	52.4	-575.9	131.4	0.0084	0.0051	0.0022							
14090	-121.6	266.6	-700.4	62.3	-575.5	145.5	0.0084	0.0051	0.0022							
14091	-73.0	293.6	-483.1	43.5	-361.2	103.7	0.0084	0.0051	0.0022							
14092	-72.3	292.8	-485.5	52.4	-361.7	111.8	0.0084	0.0051	0.0022							
14093	-17.0	320.9	-267.1	34.7	-133.6	79.9	0.0085	0.0154	0.0127	39.17	21.52	26.16	0.00	-0.29	-0.67	0.0
14094	-16.0	320.7	-270.0	42.5	-134.3	83.0	0.0085	0.0154	0.0127	39.12	21.69	26.27	0.00	-0.29	-0.67	0.0
14095	98.6	364.0	-1276.2	42.6	-723.7	181.8	0.0084	0.0051	0.0022							
14096	100.4	363.5	-1279.7	49.9	-722.7	202.4	0.0084	0.0051	0.0022							
14097	10.8	374.6	-1055.2	48.5	-676.7	168.2	0.0084	0.0051	0.0022							
14098	13.0	373.7	-1058.1	57.7	-676.0	186.2	0.0084	0.0051	0.0022							
14099	-31.1	384.3	-844.0	49.8	-551.9	147.0	0.0084	0.0051	0.0022							
14100	-29.8	383.3	-846.4	59.8	-551.6	160.4	0.0084	0.0051	0.0022							
14101	-25.1	392.1	-660.7	47.1	-379.6	123.4	0.0084	0.0051	0.0022							
14102	-24.9	391.5	-663.3	56.9	-380.6	131.6	0.0084	0.0051	0.0022							
14103	-7.6	397.9	-479.9	42.2	-155.7	101.1	0.0085	0.0154	0.0127	48.42	26.61	32.34	0.00	-0.37	-0.95	0.0
14104	-7.2	397.4	-487.6	51.4	-159.9	104.0	0.0085	0.0154	0.0127	48.29	26.77	32.43	0.00	-0.37	-0.96	0.0
14105	210.2	-53.1	-1958.5	-10.5	185.5	217.3	0.0084	0.0051	0.0022							
14106	229.0	-53.8	-1935.4	-16.8	255.4	210.1	0.0084	0.0051	0.0022							
14107	247.5	-56.2	-1910.8	-23.6	314.6	201.7	0.0084	0.0051	0.0022							
14108	264.9	-60.2	-1882.8	-31.1	361.0	192.5	0.0084	0.0051	0.0022							
14109	279.6	-65.5	-1848.7	-39.2	394.1	183.1	0.0084	0.0051	0.0022							
14110	290.3	-72.1	-1805.6	-47.8	416.2	174.1	0.0084	0.0051	0.0022							
14111	295.7	-79.7	-1750.5	-56.6	431.0	166.3	0.0084	0.0051	0.0057							
14112	295.2	-88.3	-1680.0	-65.2	440.6	160.2	0.0084	0.0051	0.0057							
14113	288.8	-97.3	-1590.1	-73.1	445.9	156.7	0.0084	0.0051	0.0140							
14114	276.8	-106.8	-1479.1	-80.4	446.5	156.3	0.0084	0.0051	0.0140							
14115	259.9	-116.7	-1351.2	-87.8	440.0	159.5	0.0084	0.0051	0.0140							
14116	240.9	-128.7	-1215.1	-97.6	424.3	166.1	0.0084	0.0051	0.0140							
14117	228.4	-146.4	-1084.9	-112.7	411.3	174.6	0.0084	0.0051	0.0140							
14118	240.6	-173.4	-976.0	-133.3	415.8	182.9	0.0531	0.0051	0.0140							
14119	294.1	-206.9	-887.8	-157.6	429.6	193.5	0.0531	0.0051	0.0140							
14120	390.7	-246.2	-725.6	-206.5	508.3	256.2	0.0535	0.0151	0.0244	11.22	39.78	24.56	0.00	-0.74	-1.65	0.0
14121	199.8	-69.0	-1976.4	-13.8	180.8	260.1	0.0084	0.0051	0.0022							
14122	217.9	-70.1	-1952.9	-21.8	248.8	251.8	0.0084	0.0051	0.0022							
14123	235.4	-72.9	-1927.7	-30.4	306.6	241.9	0.0084	0.0051	0.0022							
14124	251.5	-77.3	-1898.9	-39.9	352.3	230.9	0.0084	0.0051	0.0022							
14125	265.1	-83.3	-1864.3	-50.1	385.4	219.6	0.0084	0.0051	0.0022							
14126	274.9	-90.8	-1821.3	-61.1	407.6	208.5	0.0084	0.0051	0.0022							
14127	280.0	-99.5	-1767.6	-72.5	422.8	198.7	0.0084	0.0051	0.0057							
14128	280.1	-109.4	-1700.3	-83.7	433.6	190.9	0.0084	0.0051	0.0057							
14129	275.1	-120.1	-1616.0	-94.1	441.0	186.0	0.0084	0.0051	0.0140							
14130	265.2	-131.2	-1512.5	-103.3	444.4	184.6	0.0084	0.0051	0.0140							
14131	250.2	-142.2	-1392.4	-111.7	441.5	187.8	0.0084	0.0051	0.0140							
14132	230.6	-153.0	-1263.5	-121.1	429.7	196.2	0.0084	0.0051	0.0140							
14133	211.9	-165.5	-1140.7	-135.6	420.8	209.3	0.0084	0.0051	0.0140							
14134	210.8	-185.4	-1044.3	-158.1	425.8	224.5	0.0531	0.0051	0.0140							
14135	255.8	-219.7	-979.9	-184.1	429.5	246.8	0.0531	0.0051	0.0140							
14136	355.1	-268.4	-780.5	-238.7	523.1	288.1	0.0538	0.0148	0.0244	10.73	39.01	23.63	0.00	-0.72	-1.71	0.0
14137	186.6	-89.1	-1994.7	-17.1	175.4	300.5	0.0084	0.0051	0.0022							
14138	203.6	-90.4	-1970.9	-26.9	240.8	291.4	0.0084	0.0051	0.0022							
14139	219.8	-93.5	-1945.0	-37.4	296.9	280.4	0.0084	0.0051	0.0022							
14140	234.4	-98.3	-1915.6	-48.8	341.7	268.1	0.0084	0.0051	0.0022							
14141	246.5	-104.8	-1880.7	-61.3	374.6	255.3	0.0084	0.0051	0.0022							
14142	255.1	-113.0	-1838.2	-74.7	397.2	242.7	0.0084	0.0051	0.0057							
14143	259.6	-122.7	-1786.4	-88.8	412.5	231.4	0.0084	0.0051	0.0057							
14144	259.9	-133.9	-1723.0	-103.0	423.9	222.2	0.0084	0.0051	0.0057							
14145	256.3	-146.3	-1645.5	-116.4	433.0	215.9	0.0084	0.0051	0.0057							
14146	249.1	-159.8	-1551.4	-128.2	439.2	213.5	0.0084	0.0051	0.0140							
14147	238.0	-173.7	-1441.4	-138.1	440.9	216.0	0.0084	0.0051	0.0140							
14148	222.8	-187.2	-1321.3	-146.4	435.8	225.3	0.0084	0.0051	0.0140							
14149	205.7	-200.2	-1204.3	-155.3	433.4	243.2	0.0084	0.0051	0.0140							
14150	199.0	-216.1	-1110.7	-169.9	443.7	270.0	0.0531	0.0051	0.0140							
14151	231.7	-252.0	-1053.1	-198.2	449.1	302.7	0.0531	0.0051	0.0140							
14152	325.3	-307.3	-871.4	-271.0	536.6	331.2	0.0542	0.0145	0.0244	10.24	38.36	22.69	0.00	-0.71	-1.81	0.0
14153	170.2	-113.9	-2013.2	-20.3	169.3	338.2	0.0084	0.0051	0.0022							
14154	186.1	-115.2	-1989.1	-31.8	231.7	328.6	0.0084	0.0051	0.0022							
14155	200.8	-118.4	-1962.8	-44.2	285.7	317.0	0.0084	0.0051	0.0022							
14156	213.7	-123.4	-1933.0	-57.6	329.5	303.9	0.0084	0.0051	0.0022							
14157	223.9	-130.3	-1898.1	-72.2	362.4	290.1	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14158	230.9	-138.9	-1856.5	-88.1	385.5	276.6	0.0084	0.0051	0.0057							
14159	234.3	-149.3	-1807.0	-104.8	401.1	264.3	0.0084	0.0051	0.0057							
14160	234.1	-161.3	-1748.3	-122.0	412.6	254.2	0.0084	0.0051	0.0057							
14161	231.1	-175.1	-1678.5	-138.9	422.3	246.9	0.0084	0.0051	0.0022							
14162	225.9	-190.7	-1595.5	-154.6	430.5	243.3	0.0084	0.0051	0.0140							
14163	219.1	-208.2	-1498.5	-168.3	436.2	244.4	0.0084	0.0051	0.0140							
14164	211.2	-227.6	-1390.5	-179.4	438.7	252.3	0.0084	0.0051	0.0140							
14165	204.6	-248.8	-1280.4	-188.0	444.4	270.9	0.0084	0.0051	0.0140							
14166	208.6	-272.7	-1183.3	-197.1	463.5	305.2	0.0531	0.0051	0.0140							
14167	243.1	-305.3	-1113.6	-217.7	486.8	350.5	0.0531	0.0051	0.0140							
14168	309.5	-376.1	-950.2	-293.8	573.6	368.0	0.0546	0.0140	0.0244	10.19	39.58	22.75	0.00	-0.75	-1.93	0.0
14169	202.6	33.7	-1850.4	7.4	201.9	199.3	0.0084	0.0051	0.0022							
14170	213.1	33.1	-1839.5	-10.1	268.2	191.7	0.0084	0.0051	0.0022							
14171	229.2	30.9	-1832.0	-15.2	322.8	182.5	0.0084	0.0051	0.0022							
14172	246.0	27.4	-1823.8	-21.2	362.7	172.2	0.0084	0.0051	0.0022							
14173	259.7	22.5	-1809.6	-28.1	387.2	161.2	0.0084	0.0051	0.0022							
14174	267.0	16.5	-1783.7	-36.0	398.9	150.5	0.0084	0.0051	0.0022							
14175	265.5	9.3	-1740.8	-44.7	401.9	141.0	0.0084	0.0051	0.0057							
14176	254.4	1.0	-1677.2	-53.5	399.7	133.8	0.0084	0.0051	0.0057							
14177	235.0	-8.4	-1591.2	-61.8	394.8	129.5	0.0084	0.0051	0.0140							
14178	209.9	-19.0	-1485.0	-69.1	388.3	128.4	0.0084	0.0051	0.0140							
14179	183.5	-31.0	-1365.4	-75.6	379.7	130.4	0.0084	0.0051	0.0140							
14180	161.8	-45.3	-1242.0	-82.1	370.3	134.7	0.0084	0.0051	0.0140							
14181	153.2	-62.7	-1124.5	-89.1	368.0	140.0	0.0084	0.0051	0.0140							
14182	166.6	-82.5	-1016.4	-96.3	376.6	145.3	0.0531	0.0051	0.0140							
14183	203.8	-98.1	-899.9	-101.0	405.9	153.4	0.0531	0.0051	0.0140							
14184	247.3	-91.9	-744.0	-97.3	462.4	169.2	0.0531	0.0051	0.0140							
14185	194.6	19.9	-1873.1	8.4	196.7	235.2	0.0084	0.0051	0.0022							
14186	205.1	18.9	-1861.0	-13.5	260.6	226.5	0.0084	0.0051	0.0022							
14187	220.3	16.2	-1851.6	-19.7	313.4	215.6	0.0084	0.0051	0.0022							
14188	235.9	12.0	-1841.3	-27.0	352.3	203.2	0.0084	0.0051	0.0022							
14189	248.5	6.3	-1825.1	-35.6	376.6	189.9	0.0084	0.0051	0.0022							
14190	255.0	-0.6	-1797.9	-45.4	388.7	176.8	0.0084	0.0051	0.0022							
14191	253.6	-8.9	-1755.3	-56.2	392.7	165.1	0.0084	0.0051	0.0057							
14192	243.6	-18.4	-1694.3	-67.2	392.5	155.9	0.0084	0.0051	0.0057							
14193	226.2	-28.9	-1613.3	-77.8	390.2	150.0	0.0084	0.0051	0.0140							
14194	203.7	-40.4	-1514.0	-87.1	386.6	147.8	0.0084	0.0051	0.0140							
14195	179.7	-52.7	-1401.8	-95.0	381.1	149.4	0.0084	0.0051	0.0140							
14196	159.3	-66.1	-1285.4	-102.3	374.8	154.6	0.0084	0.0051	0.0140							
14197	150.5	-81.2	-1174.8	-110.2	374.9	162.3	0.0084	0.0051	0.0140							
14198	164.5	-98.1	-1074.9	-119.0	383.7	171.3	0.0531	0.0051	0.0140							
14199	209.0	-112.3	-963.7	-128.3	414.9	182.0	0.0531	0.0051	0.0140							
14200	264.7	-114.4	-789.0	-134.5	486.4	196.9	0.0531	0.0051	0.0140							
14201	184.5	2.9	-1897.5	-10.8	190.7	268.0	0.0084	0.0051	0.0022							
14202	194.7	1.5	-1884.1	-17.2	251.6	258.5	0.0084	0.0051	0.0022							
14203	208.8	-1.7	-1872.9	-24.7	302.2	246.4	0.0084	0.0051	0.0022							
14204	223.0	-6.4	-1860.2	-33.4	339.8	232.5	0.0084	0.0051	0.0022							
14205	234.1	-12.8	-1841.9	-43.6	363.9	217.5	0.0084	0.0051	0.0022							
14206	239.8	-20.7	-1813.6	-55.3	376.4	202.6	0.0084	0.0051	0.0057							
14207	238.3	-30.0	-1771.6	-68.2	381.4	189.2	0.0084	0.0051	0.0057							
14208	229.4	-40.6	-1713.7	-81.6	382.8	178.4	0.0084	0.0051	0.0057							
14209	214.2	-52.3	-1638.8	-94.4	382.9	171.0	0.0084	0.0051	0.0057							
14210	195.0	-65.0	-1547.9	-105.8	382.5	167.5	0.0084	0.0051	0.0140							
14211	174.7	-78.4	-1444.9	-115.3	380.8	168.3	0.0084	0.0051	0.0140							
14212	157.3	-92.3	-1336.6	-123.1	379.1	173.6	0.0084	0.0051	0.0140							
14213	149.7	-106.8	-1231.8	-130.8	383.4	183.5	0.0084	0.0051	0.0140							
14214	163.0	-122.2	-1136.6	-140.6	395.9	196.6	0.0531	0.0051	0.0140							
14215	207.7	-134.5	-1031.8	-155.1	429.3	209.1	0.0531	0.0051	0.0140							
14216	266.2	-137.0	-860.3	-173.8	502.8	209.6	0.0531	0.0051	0.0140							
14217	172.1	-17.8	-1923.0	-13.6	184.1	297.1	0.0084	0.0051	0.0022							
14218	182.0	-19.5	-1908.4	-21.2	241.4	287.1	0.0084	0.0051	0.0022							
14219	194.7	-22.9	-1895.2	-29.9	289.3	274.3	0.0084	0.0051	0.0022							
14220	207.2	-28.1	-1880.2	-40.1	325.5	259.4	0.0084	0.0051	0.0022							
14221	216.7	-35.0	-1859.9	-52.0	349.5	243.3	0.0084	0.0051	0.0022							
14222	221.2	-43.5	-1830.6	-65.5	362.7	227.4	0.0084	0.0051	0.0057							
14223	219.4	-53.6	-1789.7	-80.5	368.7	213.0	0.0084	0.0051	0.0057							
14224	211.4	-65.0	-1735.5	-96.0	371.4	201.1	0.0084	0.0051	0.0057							
14225	198.3	-77.6	-1667.7	-111.1	373.4	192.6	0.0084	0.0051	0.0022							
14226	182.4	-91.3	-1586.7	-124.9	375.5	188.0	0.0084	0.0051	0.0140							
14227	166.3	-106.0	-1494.9	-136.5	377.6	187.4	0.0084	0.0051	0.0140							
14228	153.5	-121.3	-1396.9	-145.9	380.9	191.5	0.0084	0.0051	0.0140							
14229	149.4	-137.0	-1298.7	-154.2	390.4	201.4	0.0084	0.0051	0.0140							
14230	161.9	-152.1	-1205.0	-164.8	409.5	217.2	0.0531	0.0051	0.0140							
14231	200.4	-163.4	-1103.9	-183.9	447.0	232.8	0.0531	0.0051	0.0140							
14232	253.6	-160.1	-955.4	-211.5	510.3	227.3	0.0531	0.0051	0.0140							
14233	281.5	145.9	-1748.8	8.2	221.2	188.8	0.0084	0.0051	0.0022							
14234	292.0	145.1	-1751.0	7.7	288.3	180.7	0.0084	0.0051	0.0022							
14235	305.2	142.9	-1763.1	7.5	341.9	170.6	0.0084	0.0051	0.0022							
14236	319.0	139.4	-1778.7	-10.7	377.1	158.7	0.0084	0.0051	0.0022							
14237	329.4	135.0	-1789.0	-16.1	392.0	145.6	0.0084	0.0051	0.0022							
14238	331.8	129.7	-1783.9	-23.2	388.7	132.5	0.0084	0.0051	0.0022							
14239	322.9	123.5	-1754.6	-31.8	373.5	121.0	0.0084	0.0051	0.0057							
14240	302.4	116.3	-1696.6	-41.0	354.1	112.5	0.0084	0.0051	0.0057							
14241	274.0	107.7	-1611.0	-49.8	336.9	108.1	0.0084	0.0051	0.0140							
14242	243.8	97.6	-1504.2	-57.0	326.1	107.8	0.0084	0.0051	0.0140							
14243	218.5	85.6	-1385.9	-61.9	323.4	110.9	0.0084	0.0051	0.0140							
14244	202.8	71.2	-1266.1	-64.7	331.1	116.3	0.0084	0.0051	0.0140							
14245	199.6	54.1	-1150.4	-65.9	349.4	123.1	0.0084	0.0051	0.0140							
14246	209.4	35.6	-1037.2	-65.9	377.6	130.7	0.0531	0.0051	0.0140							
14247	225.0	25.3	-917.2	-64.8	414.9	140.0	0.0531	0.0051	0.0140							
14248	229.2	36.6	-790.6	-62.5	444.4	150.0	0.0531	0.0051	0.0140							
14249	274.4	135.6	-1777.1	9.0	215.3	220.1	0.0084	0.0051	0.0022							
14250	284.6	134.3	-1777.4	7.8	279.7	210.8	0.0084	0.0051	0.0022							
14251	297.1	131.5	-1786.6	-8.4	331.0	199.0	0.0084	0.0051	0.0022							
14252	309.7	127.5	-1798.6	-13.2	364.8	184.7	0.0084	0.0051	0.0022							
14253	318.5	122.3	-1804.9	-19.6	379.4	168.9	0.0084	0.0051	0.0022							
14254	319.4	116.1	-1796.5	-28.0	377.3	152.9	0.0084	0.0051	0.0022							
14255	309.7	108.8	-1765.8	-38.4	364.4	138.7	0.0084	0.0051	0.0057							
14256	289.4	100.5	-1709.4	-49.7	348.2	127.9	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14257	262.2	91.1	-1628.2	-60.5	334.5	121.8	0.0084	0.0051	0.0140							
14258	233.5	80.6	-1528.1	-69.5	326.9	120.7	0.0084	0.0051	0.0140							
14259	209.5	68.9	-1417.3	-75.8	327.0	123.8	0.0084	0.0051	0.0140							
14260	194.5	55.7	-1304.4	-79.5	336.7	130.4	0.0084	0.0051	0.0140							
14261	191.3	40.8	-1194.9	-81.4	356.4	139.2	0.0084	0.0051	0.0140							
14262	201.4	25.0	-1086.3	-82.4	386.3	149.7	0.0531	0.0051	0.0140							
14263	218.3	15.7	-966.5	-83.1	427.0	161.3	0.0531	0.0051	0.0140							
14264	223.0	20.7	-832.4	-82.3	461.2	172.1	0.0531	0.0051	0.0140							
14265	265.6	123.1	-1809.3	9.4	208.6	247.9	0.0084	0.0051	0.0022							
14266	275.2	121.5	-1807.5	7.5	269.4	237.8	0.0084	0.0051	0.0022							
14267	286.9	118.3	-1813.5	-11.0	317.8	224.5	0.0084	0.0051	0.0022							
14268	297.9	113.8	-1821.4	-16.4	349.9	208.4	0.0084	0.0051	0.0022							
14269	305.0	107.9	-1823.3	-23.8	364.4	190.5	0.0084	0.0051	0.0022							
14270	304.3	100.7	-1811.3	-33.6	363.6	172.5	0.0084	0.0051	0.0057							
14271	293.7	92.3	-1779.2	-45.6	353.3	156.3	0.0084	0.0051	0.0057							
14272	273.7	82.8	-1724.6	-58.6	340.3	143.9	0.0084	0.0051	0.0057							
14273	247.6	72.5	-1648.7	-71.2	330.3	136.6	0.0084	0.0051	0.0057							
14274	220.7	61.5	-1556.3	-81.7	326.2	134.6	0.0084	0.0051	0.0140							
14275	198.1	49.9	-1454.3	-89.1	329.7	137.6	0.0084	0.0051	0.0140							
14276	184.1	37.7	-1349.4	-93.5	342.2	145.0	0.0084	0.0051	0.0140							
14277	180.8	24.9	-1246.2	-95.9	364.1	155.9	0.0084	0.0051	0.0140							
14278	189.6	12.7	-1142.3	-98.3	396.0	169.2	0.0531	0.0051	0.0140							
14279	205.1	6.5	-1025.9	-102.5	438.1	182.1	0.0531	0.0051	0.0140							
14280	209.9	10.4	-891.3	-107.2	474.1	189.5	0.0531	0.0051	0.0140							
14281	255.0	108.3	-1844.3	9.3	201.2	271.1	0.0084	0.0051	0.0022							
14282	264.0	106.4	-1840.4	-9.7	257.7	260.6	0.0084	0.0051	0.0022							
14283	274.4	103.0	-1842.8	-14.1	302.8	246.2	0.0084	0.0051	0.0022							
14284	283.8	98.0	-1846.1	-20.3	333.0	228.8	0.0084	0.0051	0.0022							
14285	288.8	91.4	-1843.4	-28.9	347.4	209.6	0.0084	0.0051	0.0022							
14286	286.6	83.3	-1827.8	-40.0	348.4	190.4	0.0084	0.0051	0.0057							
14287	275.3	73.9	-1794.7	-53.3	340.9	173.3	0.0084	0.0051	0.0057							
14288	255.6	63.5	-1742.4	-67.7	331.3	160.2	0.0084	0.0051	0.0057							
14289	230.7	52.5	-1672.4	-81.6	324.8	152.2	0.0084	0.0051	0.0022							
14290	205.4	41.2	-1588.9	-93.3	324.2	149.7	0.0084	0.0051	0.0140							
14291	184.4	29.8	-1496.9	-101.6	331.0	152.6	0.0084	0.0051	0.0140							
14292	171.4	18.7	-1401.2	-106.5	346.5	160.5	0.0084	0.0051	0.0140							
14293	168.1	8.3	-1304.8	-109.0	371.5	173.3	0.0084	0.0051	0.0140							
14294	174.6	0.2	-1205.2	-111.7	406.2	190.2	0.0531	0.0051	0.0140							
14295	185.4	-0.1	-1092.9	-117.8	448.3	207.7	0.0531	0.0051	0.0140							
14296	188.1	10.1	-962.5	-127.1	482.6	217.7	0.0531	0.0051	0.0140							
14297	376.1	279.3	-1645.3	9.0	241.7	185.7	0.0084	0.0051	0.0034							
14298	388.5	277.6	-1661.4	11.4	314.5	177.4	0.0084	0.0051	0.0034							
14299	407.8	274.1	-1696.4	14.4	372.1	166.8	0.0084	0.0051	0.0034							
14300	431.9	269.7	-1742.4	17.0	406.6	153.6	0.0084	0.0051	0.0034							
14301	455.2	265.0	-1785.6	17.6	412.7	137.8	0.0084	0.0051	0.0034							
14302	469.2	260.4	-1808.8	14.9	391.2	121.2	0.0084	0.0051	0.0034							
14303	466.3	255.8	-1796.3	-20.1	351.6	-127.0	0.0084	0.0051	0.0057							
14304	444.4	250.8	-1741.0	-31.0	309.0	-135.0	0.0084	0.0051	0.0057							
14305	409.1	244.7	-1647.6	-41.7	278.0	-136.2	0.0084	0.0051	0.0140							
14306	371.1	236.9	-1529.7	-50.0	267.4	-130.3	0.0084	0.0051	0.0140							
14307	341.0	226.8	-1403.2	-54.6	278.5	-118.7	0.0084	0.0051	0.0140							
14308	325.5	214.1	-1280.0	-55.7	306.5	110.8	0.0084	0.0051	0.0140							
14309	325.8	198.4	-1164.3	-54.1	344.5	121.0	0.0084	0.0051	0.0140							
14310	338.1	179.1	-1053.8	-50.9	385.9	131.4	0.0531	0.0051	0.0140							
14311	355.1	155.7	-945.6	-47.7	421.8	141.2	0.0531	0.0051	0.0140							
14312	370.3	154.8	-843.3	-45.4	438.0	149.5	0.0531	0.0051	0.0140							
14313	369.8	272.5	-1679.1	9.3	235.2	215.1	0.0084	0.0051	0.0034							
14314	382.4	270.3	-1693.1	11.4	305.2	205.8	0.0084	0.0051	0.0034							
14315	401.4	266.6	-1724.8	14.2	359.9	193.6	0.0084	0.0051	0.0034							
14316	424.3	262.0	-1765.7	16.6	392.0	177.9	0.0084	0.0051	0.0034							
14317	445.3	256.7	-1802.4	16.7	397.4	159.0	0.0084	0.0051	0.0034							
14318	456.8	251.3	-1819.1	13.1	377.8	138.7	0.0084	0.0051	0.0034							
14319	452.3	245.5	-1802.4	-22.8	342.5	120.5	0.0084	0.0051	0.0057							
14320	430.6	239.4	-1747.1	-36.0	305.3	-122.4	0.0084	0.0051	0.0057							
14321	397.1	232.5	-1657.8	-49.1	279.3	-125.5	0.0084	0.0051	0.0140							
14322	361.5	224.5	-1546.9	-59.6	272.3	-120.2	0.0084	0.0051	0.0140							
14323	333.2	215.2	-1428.3	-66.0	285.1	111.0	0.0084	0.0051	0.0140							
14324	318.2	204.0	-1312.1	-68.3	313.7	122.2	0.0084	0.0051	0.0140							
14325	317.8	190.7	-1201.8	-67.4	352.0	135.2	0.0084	0.0051	0.0140							
14326	328.8	174.5	-1094.5	-65.3	394.0	148.8	0.0531	0.0051	0.0140							
14327	344.2	154.6	-986.9	-63.6	430.9	161.6	0.0531	0.0051	0.0140							
14328	358.9	146.2	-881.5	-63.5	448.7	172.2	0.0531	0.0051	0.0140							
14329	362.1	265.2	-1719.9	9.2	227.9	241.3	0.0084	0.0051	0.0034							
14330	374.7	262.9	-1731.7	11.1	294.2	231.2	0.0084	0.0051	0.0034							
14331	393.2	259.4	-1759.6	13.7	345.3	217.3	0.0084	0.0051	0.0034							
14332	414.5	254.8	-1794.8	15.5	374.6	199.3	0.0084	0.0051	0.0034							
14333	433.0	249.2	-1824.1	14.7	379.1	177.8	0.0084	0.0051	0.0034							
14334	441.7	242.7	-1833.6	-14.0	361.6	155.0	0.0084	0.0051	0.0057							
14335	435.5	235.5	-1812.1	-26.3	330.9	134.4	0.0084	0.0051	0.0057							
14336	414.0	227.7	-1756.3	-41.2	299.7	119.5	0.0084	0.0051	0.0057							
14337	382.5	219.6	-1671.1	-56.2	279.4	-112.8	0.0084	0.0051	0.0057							
14338	349.5	211.1	-1567.6	-68.4	276.4	114.2	0.0084	0.0051	0.0140							
14339	323.2	202.2	-1457.5	-76.2	291.4	122.6	0.0084	0.0051	0.0140							
14340	308.7	192.6	-1349.1	-79.5	321.0	135.6	0.0084	0.0051	0.0140							
14341	307.2	181.9	-1244.7	-79.6	359.8	151.5	0.0084	0.0051	0.0140							
14342	315.7	169.5	-1141.3	-78.9	402.3	168.5	0.0531	0.0051	0.0140							
14343	328.3	154.6	-1035.1	-79.9	439.8	184.2	0.0531	0.0051	0.0140							
14344	340.8	142.6	-927.9	-83.5	459.1	196.6	0.0531	0.0051	0.0140							
14345	353.7	257.6	-1766.6	8.9	219.8	262.6	0.0084	0.0051	0.0034							
14346	365.8	255.4	-1775.7	10.8	281.4	251.6	0.0084	0.0051	0.0034							
14347	383.3	252.0	-1799.1	12.9	328.2	236.0	0.0084	0.0051	0.0034							
14348	402.6	247.4	-1827.4	13.7	354.5	215.9	0.0084	0.0051	0.0034							
14349	418.2	241.3	-1848.7	11.6	358.5	192.4	0.0084	0.0051	0.0034							
14350	424.1	233.7	-1850.5	-17.0	343.4	168.2	0.0084	0.0051	0.0057							
14351	416.4	225.0	-1824.3	-30.7	317.9	146.8	0.0084	0.0051	0.0057							
14352	395.3	215.7	-1768.2	-46.9	293.1	131.7	0.0084	0.0051	0.0057							
14353	365.9	206.3	-1687.5	-63.0	278.6	125.0	0.0084	0.0051	0.0022							
14354	335.6	197.3	-1591.8	-76.2	279.8	127.1	0.0084	0.0051	0.0140							
14355	311.5	188.9	-1490.8	-84.9	297.3	136.5	0.0084	0.0051	0.0140							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14356	297.6	180.8	-1390.6	-88.8	328.1	151.6	0.0084	0.0051	0.0140							
14357	294.6	172.9	-1292.2	-89.6	367.9	170.7	0.0084	0.0051	0.0140							
14358	299.6	164.4	-1192.5	-90.1	410.9	191.8	0.0531	0.0051	0.0140							
14359	307.8	154.9	-1087.6	-93.5	448.8	212.1	0.0531	0.0051	0.0140							
14360	316.3	145.4	-978.8	-101.0	469.3	228.3	0.0531	0.0051	0.0140							
14361	487.4	432.5	-1533.1	10.2	260.0	187.5	0.0084	0.0051	0.0034							
14362	497.2	428.3	-1562.1	14.6	342.2	180.0	0.0084	0.0051	0.0034							
14363	517.4	421.1	-1621.6	20.9	410.2	170.5	0.0084	0.0051	0.0034							
14364	549.1	412.8	-1705.3	28.2	451.7	156.8	0.0084	0.0051	0.0034							
14365	586.7	405.2	-1795.4	33.9	453.5	138.0	0.0084	0.0051	0.0034							
14366	615.6	400.1	-1861.9	34.5	411.4	-137.7	0.0084	0.0051	0.0034							
14367	619.1	397.4	-1873.7	28.2	338.3	-157.5	0.0084	0.0051	0.0057							
14368	590.1	396.1	-1815.9	-24.6	262.9	-169.4	0.0084	0.0051	0.0057							
14369	538.1	394.4	-1699.6	-39.4	214.5	-170.2	0.0084	0.0051	0.0140							
14370	483.1	390.6	-1553.8	-50.3	207.2	-160.8	0.0084	0.0051	0.0140							
14371	442.8	383.9	-1408.3	-55.7	236.2	-144.3	0.0084	0.0051	0.0140							
14372	424.3	373.7	-1279.0	-56.7	286.3	-124.3	0.0084	0.0051	0.0140							
14373	424.9	359.8	-1168.0	-55.1	342.4	128.5	0.0084	0.0051	0.0140							
14374	437.8	342.0	-1069.2	-52.9	393.8	140.6	0.0531	0.0051	0.0140							
14375	457.3	319.7	-977.5	-51.2	431.8	150.7	0.0531	0.0051	0.0140							
14376	481.2	293.9	-893.4	-50.2	447.5	158.9	0.0531	0.0051	0.0140							
14377	480.4	427.3	-1570.1	9.6	253.7	217.2	0.0084	0.0051	0.0034							
14378	491.6	422.9	-1597.9	14.3	333.9	209.5	0.0084	0.0051	0.0034							
14379	513.1	416.2	-1655.3	21.1	398.3	199.5	0.0084	0.0051	0.0034							
14380	544.5	408.5	-1733.7	29.4	435.3	184.3	0.0084	0.0051	0.0034							
14381	579.2	401.2	-1814.3	36.1	434.3	162.5	0.0084	0.0051	0.0034							
14382	603.5	395.4	-1869.1	37.3	393.5	135.9	0.0084	0.0051	0.0034							
14383	603.6	391.5	-1871.9	30.5	327.0	-140.7	0.0084	0.0051	0.0057							
14384	574.6	388.6	-1811.6	-26.7	260.6	-158.0	0.0084	0.0051	0.0057							
14385	525.6	385.7	-1699.7	-45.0	219.8	-162.3	0.0084	0.0051	0.0140							
14386	474.5	381.7	-1562.5	-59.4	216.2	-153.8	0.0084	0.0051	0.0140							
14387	436.5	375.6	-1425.8	-67.6	245.5	-136.1	0.0084	0.0051	0.0140							
14388	418.1	367.0	-1303.7	-70.4	294.3	124.8	0.0084	0.0051	0.0140							
14389	417.1	355.5	-1197.4	-70.1	349.2	142.1	0.0084	0.0051	0.0140							
14390	427.6	340.9	-1101.5	-69.2	399.9	157.8	0.0531	0.0051	0.0140							
14391	444.7	322.6	-1010.8	-69.3	437.8	171.1	0.0531	0.0051	0.0140							
14392	467.0	300.3	-925.4	-70.4	454.3	182.1	0.0531	0.0051	0.0140							
14393	471.9	423.2	-1617.7	8.6	246.8	245.3	0.0084	0.0051	0.0034							
14394	484.4	419.4	-1644.9	14.1	324.3	237.1	0.0084	0.0051	0.0034							
14395	507.0	414.3	-1700.6	21.7	384.5	225.6	0.0084	0.0051	0.0034							
14396	538.1	408.4	-1773.7	30.3	416.4	208.1	0.0084	0.0051	0.0034							
14397	569.7	402.1	-1844.2	37.2	411.6	183.1	0.0084	0.0051	0.0034							
14398	589.3	395.7	-1886.0	38.0	371.8	153.0	0.0084	0.0051	0.0057							
14399	585.5	389.5	-1877.4	30.4	311.8	-124.4	0.0084	0.0051	0.0057							
14400	556.0	383.6	-1812.3	-29.7	255.1	-144.9	0.0084	0.0051	0.0057							
14401	510.0	378.1	-1703.2	-50.6	223.0	-151.2	0.0084	0.0051	0.0057							
14402	463.0	372.6	-1573.7	-67.6	224.3	-143.2	0.0084	0.0051	0.0140							
14403	427.8	366.5	-1445.9	-78.1	254.7	-124.4	0.0084	0.0051	0.0140							
14404	409.7	359.1	-1331.3	-82.5	302.7	137.5	0.0084	0.0051	0.0140							
14405	406.6	350.1	-1230.4	-83.7	356.3	158.3	0.0084	0.0051	0.0140							
14406	413.8	338.7	-1137.7	-84.5	406.0	177.6	0.0531	0.0051	0.0140							
14407	427.1	324.7	-1048.2	-86.9	443.6	194.3	0.0531	0.0051	0.0140							
14408	445.8	307.5	-961.8	-91.4	461.0	207.9	0.0531	0.0051	0.0140							
14409	463.3	421.1	-1676.3	7.9	239.0	269.5	0.0084	0.0051	0.0034							
14410	476.5	418.3	-1702.2	14.7	312.3	259.8	0.0084	0.0051	0.0034							
14411	499.6	415.0	-1754.7	23.1	367.4	245.0	0.0084	0.0051	0.0034							
14412	529.6	410.8	-1820.8	31.6	393.8	223.6	0.0084	0.0051	0.0034							
14413	557.8	405.2	-1879.6	37.1	385.8	195.1	0.0084	0.0051	0.0034							
14414	572.6	397.8	-1907.3	36.1	347.7	162.6	0.0084	0.0051	0.0057							
14415	565.2	389.0	-1886.9	26.8	294.7	132.5	0.0084	0.0051	0.0057							
14416	535.3	379.6	-1816.5	-34.7	248.1	-133.2	0.0084	0.0051	0.0057							
14417	492.4	371.0	-1709.6	-57.0	225.0	-138.8	0.0084	0.0051	0.0022							
14418	449.6	363.5	-1587.5	-75.4	231.7	-129.7	0.0084	0.0051	0.0140							
14419	417.4	356.9	-1468.5	-87.1	263.8	130.8	0.0084	0.0051	0.0140							
14420	399.6	350.6	-1361.5	-92.7	311.1	153.5	0.0084	0.0051	0.0140							
14421	394.3	343.6	-1265.8	-95.1	363.4	177.6	0.0084	0.0051	0.0140							
14422	397.3	335.1	-1176.1	-97.6	412.1	200.7	0.0531	0.0051	0.0140							
14423	405.4	324.8	-1087.6	-102.4	449.2	220.9	0.0531	0.0051	0.0140							
14424	418.3	312.4	-1000.1	-110.4	467.3	237.5	0.0531	0.0051	0.0140							
14425	663.4	-289.2	-475.0	-252.8	520.6	330.8	0.0535	0.0151	0.0244	16.43	57.98	35.94	0.00	-0.93	-1.81	0.0
14426	744.9	-218.3	-368.7	-182.0	197.0	349.7	0.0534	0.0231	0.0244	14.88	34.48	32.53	0.00	-0.73	-1.50	0.0
14427	700.0	-151.4	-369.3	-115.4	-178.3	372.2	0.0534	0.0231	0.0244	14.35	33.16	31.34	0.00	-0.70	-1.42	0.0
14428	579.8	-88.5	-293.5	-82.9	-318.0	466.5	0.0533	0.0231	0.0244	14.16	32.65	30.91	0.00	-0.61	-1.46	0.0
14429	343.4	-14.9	-201.8	-124.1	-620.4	1097.3	0.0533	0.0232	0.0244	24.14	55.57	52.67	0.00	-1.15	-2.59	0.0
14430	724.4	-248.4	-322.2	-295.1	555.8	215.9	0.0537	0.0149	0.0244	18.50	66.70	40.66	0.00	-1.07	-1.76	0.0
14431	891.7	-95.6	-67.1	-113.1	92.1	90.7	0.0536	0.0228	0.0244	16.99	39.91	37.29	0.00	-0.90	-1.10	0.0
14432	852.5	-50.4	-80.1	-48.9	-79.4	103.5	0.0536	0.0229	0.0244	16.11	37.67	35.31	0.00	-0.83	-1.03	0.0
14433	616.5	11.2	-58.9	-56.3	-130.2	146.5	0.0535	0.0230	0.0244	12.18	28.38	26.67	0.00	-0.55	-0.83	0.0
14434	235.9	41.3	-43.6	-65.1	-84.1	291.3	0.0535	0.0230	0.0244	6.98	16.21	15.26	0.00	-0.22	-0.67	0.0
14435	683.1	-283.9	-383.5	-345.0	578.2	219.5	0.0540	0.0146	0.0244	18.14	67.18	40.10	0.00	-1.09	-1.83	0.0
14436	894.9	-105.3	-75.2	-166.4	106.9	-19.4	0.0539	0.0226	0.0244	17.32	41.36	38.20	0.00	-1.02	-1.07	0.0
14437	907.1	-46.3	-77.6	-40.6	-72.6	-29.1	0.0538	0.0227	0.0244	16.99	40.31	37.40	0.00	-0.94	-1.02	0.0
14438	678.1	36.6	-51.3	137.7	-141.5	-72.8	0.0537	0.0228	0.0244	13.71	32.35	30.13	0.00	-0.71	-0.83	0.0
14439	224.2	81.7	-35.3	150.8	-25.0	-85.1	0.0536	0.0228	0.0244	6.19	14.55	13.59	0.00	-0.30	-0.42	0.0
14440	589.3	-382.7	-522.3	-362.9	601.3	165.9	0.0544	0.0142	0.0244	16.72	63.92	37.21	0.00	-1.18	-1.86	0.0
14441	785.6	-214.8	-250.8	-222.9	235.2	-169.6	0.0542	0.0144	0.0244	16.51	62.15	36.63	0.00	-1.07	-1.30	0.0
14442	841.8	-129.6	-237.0	-134.9	118.3	-194.1	0.0541	0.0224	0.0244	16.26	39.25	35.97	0.00	-0.90	-1.26	0.0
14443	756.3	-31.7	-155.4	120.4	-270.3	-243.7	0.0539	0.0225	0.0244	16.09	38.56	35.53	0.00	-0.80	-1.23	0.0
14444	491.6	132.9	-55.9	377.1	-434.4	-845.8	0.0538	0.0226	0.0244	24.06	57.30	53.03	0.00	-1.21	-2.11	0.0
14445	268.8	-45.5	-579.7	-78.9	466.8	196.2	0.0531	0.0051	0.0140							
14446	314.5	10.7	-495.5	-58.2	309.8	205.6	0.0531	0.0129	0.0140							
14447	318.0	68.4	-437.0	-59.1	-237.0	214.7	0.0531	0.0129	0.0140							
14448	271.5	102.0	-335.2	-68.2	-440.4	299.3	0.0531	0.0129	0.0140							
14449	215.5	188.1	-217.6	-116.0	-734.0	930.0	0.0533	0.0232	0.0244	23.67	54.48	51.63	0.00	-1.17	-2.43	0.0
14450	275.6	-111.8	-555.9	-121.5	508.4	217.7	0.0531	0.0051	0.0140							
14451	322.6	-91.3	-396.5	-85.4	320.8	209.7	0.0531	0.0129	0.0140							
14452	337.4	-16.5	-313.2	-60.7	-189.7	199.8	0.0531	0.0129	0.0140							
14453	237.8	62.4	-238.9	-69.6	-329.0	268.3	0.0531	0.0129	0.0140							
14454	52.5	107.1	-169.8	66.2	-272.8	514.2	0.0535	0.0230	0.0244	9.95	23.11	21.76	0.00	-0.42	-1.19	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14455	276.5	-137.7	-598.7	-175.9	533.6	177.0	0.0531	0.0051	0.0140							
14456	321.5	-110.6	-397.7	-138.1	342.8	107.3	0.0531	0.0129	0.0140							
14457	355.5	-28.5	-292.3	-63.5	-167.8	73.6	0.0531	0.0129	0.0140							
14458	271.1	67.2	-209.8	45.7	-336.3	-57.2	0.0531	0.0129	0.0140							
14459	60.5	99.4	-137.6	69.3	-205.4	-79.5	0.0536	0.0228	0.0244	4.76	11.19	10.45	0.00	-0.22	-0.52	0.0
14460	261.8	-141.7	-725.5	-228.9	537.3	166.9	0.0531	0.0051	0.0140							
14461	293.0	-83.5	-533.6	-192.0	370.2	59.4	0.0531	0.0051	0.0140							
14462	338.1	-2.0	-418.0	-105.9	165.8	-62.2	0.0531	0.0129	0.0140							
14463	317.8	81.9	-296.6	22.4	-427.7	-84.3	0.0531	0.0129	0.0140							
14464	259.7	139.8	-176.0	162.8	-603.9	-628.1	0.0538	0.0226	0.0244	18.69	44.51	41.19	0.00	-0.97	-1.83	0.0
14465	213.7	66.5	-676.3	-55.7	422.4	156.2	0.0531	0.0051	0.0140							
14466	202.9	114.1	-618.2	-49.1	312.7	156.7	0.0531	0.0129	0.0140							
14467	205.9	161.6	-538.1	-59.4	-240.4	167.1	0.0531	0.0129	0.0140							
14468	221.7	182.6	-382.6	-96.2	-450.5	223.8	0.0531	0.0129	0.0140							
14469	254.1	296.4	-241.7	-190.2	-707.9	807.4	0.0533	0.0232	0.0244	23.32	53.67	50.87	0.00	-1.16	-2.26	0.0
14470	208.1	40.0	-697.2	-76.3	441.5	178.0	0.0531	0.0051	0.0140							
14471	200.2	80.2	-611.0	-64.3	328.3	178.8	0.0531	0.0129	0.0140							
14472	197.7	139.4	-514.0	-66.1	-215.0	179.6	0.0531	0.0129	0.0140							
14473	159.3	210.5	-361.2	-101.0	-390.8	232.4	0.0531	0.0129	0.0140							
14474	59.0	223.3	-271.8	-90.2	-311.2	439.7	0.0535	0.0230	0.0244	11.10	25.77	24.27	0.00	-0.57	-1.20	0.0
14475	197.0	24.6	-743.1	-106.4	458.9	185.8	0.0531	0.0051	0.0140							
14476	194.8	57.8	-633.9	-92.5	345.7	174.1	0.0531	0.0129	0.0140							
14477	203.4	122.0	-520.9	-72.1	-194.5	173.3	0.0531	0.0129	0.0140							
14478	158.1	215.3	-360.3	-54.3	-407.9	125.5	0.0531	0.0129	0.0140							
14479	51.4	202.1	-268.8	-46.9	-276.7	126.6	0.0536	0.0228	0.0244	5.88	13.82	12.91	0.00	-0.21	-0.76	0.0
14480	178.6	32.6	-810.8	-133.2	470.4	210.4	0.0531	0.0051	0.0140							
14481	183.3	68.2	-687.9	-125.3	361.1	189.1	0.0531	0.0051	0.0140							
14482	213.9	122.4	-571.0	-95.0	194.7	192.0	0.0531	0.0129	0.0140							
14483	230.7	212.3	-396.0	-41.6	-465.9	189.0	0.0531	0.0129	0.0140							
14484	205.9	260.3	-260.8	92.0	-643.7	-357.8	0.0538	0.0226	0.0244	15.06	35.86	33.19	0.00	-0.65	-1.58	0.0
14485	382.5	179.2	-760.3	-45.4	409.7	155.9	0.0531	0.0051	0.0140							
14486	399.9	217.9	-726.0	-50.0	311.8	162.3	0.0531	0.0129	0.0140							
14487	421.2	261.0	-665.0	-64.6	-199.7	176.4	0.0531	0.0129	0.0140							
14488	434.2	270.7	-455.7	-124.6	-407.8	212.1	0.0531	0.0129	0.0140							
14489	384.9	400.8	-280.5	-275.0	-655.7	749.5	0.0533	0.0232	0.0244	24.32	55.96	53.04	0.00	-1.18	-2.21	0.0
14490	373.0	165.7	-788.4	-64.7	422.3	180.3	0.0531	0.0051	0.0140							
14491	394.8	203.2	-739.0	-65.3	324.0	190.7	0.0531	0.0129	0.0140							
14492	411.5	260.9	-669.5	-73.0	-185.1	202.6	0.0531	0.0129	0.0140							
14493	353.2	332.8	-450.6	-134.3	-377.9	246.8	0.0531	0.0129	0.0140							
14494	88.7	309.9	-355.0	-121.1	-305.9	430.0	0.0535	0.0230	0.0244	11.93	27.71	26.09	0.00	-0.59	-1.28	0.0
14495	355.6	158.2	-825.3	-89.3	435.5	205.2	0.0531	0.0051	0.0140							
14496	384.9	188.9	-759.6	-89.8	338.6	216.4	0.0531	0.0129	0.0140							
14497	417.0	251.9	-683.3	-80.9	184.2	241.0	0.0531	0.0129	0.0140							
14498	349.9	351.4	-463.0	-78.4	-397.3	209.7	0.0531	0.0129	0.0140							
14499	83.4	299.5	-364.0	-79.1	-291.2	211.2	0.0536	0.0228	0.0244	8.34	19.58	18.29	0.00	-0.34	-0.98	0.0
14500	328.0	157.3	-866.6	-114.3	448.7	239.4	0.0531	0.0051	0.0140							
14501	361.5	181.7	-783.8	-123.4	355.2	252.1	0.0531	0.0051	0.0140							
14502	420.1	227.2	-706.7	-109.4	199.2	289.8	0.0531	0.0129	0.0140							
14503	442.2	329.5	-493.6	-75.1	-435.3	319.7	0.0531	0.0129	0.0140							
14504	302.5	366.7	-330.5	57.8	-627.6	-175.1	0.0538	0.0226	0.0244	13.80	32.86	30.41	0.00	-0.42	-1.47	0.0
14505	513.7	287.8	-824.0	-50.2	423.7	166.5	0.0531	0.0051	0.0140							
14506	567.7	315.8	-794.3	-53.5	339.5	177.1	0.0531	0.0129	0.0140							
14507	650.2	356.1	-791.8	-67.8	193.8	201.3	0.0531	0.0129	0.0140							
14508	760.3	380.0	-606.0	-120.3	-249.5	235.0	0.0531	0.0129	0.0140							
14509	803.5	486.1	-262.2	-272.1	-616.1	631.6	0.0533	0.0232	0.0244	26.38	60.71	57.54	0.00	-1.04	-2.15	0.0
14510	500.2	282.5	-850.2	-72.0	432.4	192.4	0.0531	0.0051	0.0140							
14511	558.0	306.1	-810.8	-71.8	349.6	208.5	0.0531	0.0129	0.0140							
14512	637.2	358.6	-800.9	-79.9	201.9	235.2	0.0531	0.0129	0.0140							
14513	696.7	431.8	-615.7	-133.6	-230.5	283.1	0.0531	0.0129	0.0140							
14514	597.8	426.8	-310.6	-164.7	-420.1	410.2	0.0535	0.0230	0.0244	17.98	41.76	39.32	0.00	-0.62	-1.55	0.0
14515	477.2	285.7	-880.3	-98.1	441.5	220.8	0.0531	0.0051	0.0140							
14516	539.6	292.0	-828.7	-100.0	362.0	240.9	0.0531	0.0129	0.0140							
14517	633.4	346.7	-811.4	-93.4	214.9	280.2	0.0531	0.0129	0.0140							
14518	691.3	445.3	-631.5	-107.3	-250.0	281.7	0.0531	0.0129	0.0140							
14519	596.6	427.7	-338.9	-150.0	-410.0	262.2	0.0536	0.0228	0.0244	16.38	38.48	35.96	0.00	-0.54	-1.41	0.0
14520	443.4	295.1	-911.6	-123.6	450.5	253.4	0.0531	0.0051	0.0140							
14521	503.6	284.5	-845.8	-136.5	375.9	277.6	0.0531	0.0051	0.0140							
14522	616.5	313.9	-819.6	-130.7	235.2	328.6	0.0531	0.0129	0.0140							
14523	755.6	420.2	-653.9	-124.6	-295.1	381.2	0.0531	0.0129	0.0140							
14524	753.5	486.8	-345.1	-194.8	-608.1	122.8	0.0538	0.0226	0.0244	20.57	48.96	45.32	0.00	-0.70	-1.72	0.0
14525	191.2	-54.1	-1981.0	11.2	108.4	223.1	0.0084	0.0051	0.0022							
14526	181.3	-69.8	-1999.1	13.7	106.1	266.6	0.0084	0.0051	0.0022							
14527	168.7	-89.8	-2017.5	15.9	103.7	307.4	0.0084	0.0051	0.0022							
14528	153.2	-114.6	-2035.7	17.9	101.2	345.3	0.0084	0.0051	0.0022							
14529	171.3	-57.1	-2002.8	16.7	-54.0	227.5	0.0084	0.0051	0.0022							
14530	161.7	-72.6	-2020.9	20.5	-52.9	271.1	0.0084	0.0051	0.0022							
14531	149.5	-92.5	-2038.9	24.0	-51.0	311.9	0.0084	0.0051	0.0022							
14532	134.4	-117.5	-2056.7	27.4	-48.1	349.7	0.0084	0.0051	0.0022							
14533	149.2	-62.1	-2022.5	23.1	-136.8	230.2	0.0084	0.0051	0.0022							
14534	139.7	-77.5	-2040.4	28.2	-132.9	273.5	0.0084	0.0051	0.0022							
14535	127.6	-97.4	-2058.1	33.1	-127.5	313.9	0.0084	0.0051	0.0022							
14536	112.8	-122.5	-2075.3	38.0	-120.8	351.5	0.0084	0.0051	0.0022							
14537	122.8	-69.4	-2038.2	30.6	-213.0	231.3	0.0084	0.0051	0.0022							
14538	113.3	-84.7	-2056.0	37.1	-206.8	273.9	0.0084	0.0051	0.0022							
14539	101.4	-104.6	-2073.4	43.5	-198.6	313.7	0.0084	0.0051	0.0022							
14540	86.8	-129.9	-2090.1	49.7	-188.6	350.8	0.0084	0.0051	0.0022							
14541	89.6	-79.1	-2047.6	39.0	-280.1	231.0	0.0084	0.0051	0.0022							
14542	80.3	-94.3	-2065.5	47.1	-272.3	272.6	0.0084	0.0051	0.0022							
14543	68.6	-114.4	-2083.0	55.1	-262.1	311.6	0.0084	0.0051	0.0022							
14544	54.4	-139.8	-2099.8	62.9	-249.8	348.1	0.0084	0.0051	0.0022							
14545	47.4	-91.4	-2048.9	48.4	-337.1	229.5	0.0084	0.0051	0.0057							
14546	38.6	-106.7	-2067.4	58.3	-328.4	270.0	0.0084	0.0051	0.0022							
14547	27.5	-126.9	-2085.6	68.0	-317.1	308.1	0.0084	0.0051	0.0057							
14548	14.0	-152.5	-2103.2	77.5	-303.6	344.2	0.0084	0.0051	0.0057							
14549	-5.5	-106.7	-2041.7	58.5	-384.4	227.4	0.0084	0.0051	0.0057							
14550	-13.5	-122.2	-2061.3	70.4	-375.5	266.7	0.0084	0.0051	0.0057							
14551	-23.5	-142.5	-2081.0	82.0	-364.0	304.0	0.0084	0.0051	0.0057							
14552	-35.7	-168.3	-2100.5	93.2	-350.2	339.8	0.0084	0.0051	0.0057							
14553	-69.6	-125.4	-2027.4	69.2	-423.8	225.1	0.0084	0.0051	0.0057							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14554	-76.4	-141.1	-2048.8	83.1	-415.3	263.3	0.0084	0.0051	0.0057							
14555	-84.9	-161.7	-2070.9	96.7	-404.2	300.1	0.0084	0.0051	0.0057							
14556	-95.3	-187.6	-2093.2	109.7	-391.1	335.7	0.0084	0.0051	0.0057							
14557	-144.4	-148.1	-2009.7	80.3	-457.9	223.1	0.0084	0.0051	0.0022							
14558	-149.8	-164.0	-2033.5	96.3	-450.2	260.6	0.0084	0.0051	0.0022							
14559	-156.5	-184.8	-2058.6	111.9	-440.1	297.0	0.0084	0.0051	0.0022							
14560	-164.6	-210.8	-2084.5	126.9	-428.0	332.7	0.0084	0.0051	0.0022							
14561	-228.8	-175.3	-1994.5	91.7	-489.5	222.0	0.0084	0.0051	0.0022							
14562	-232.7	-191.6	-2020.8	109.8	-482.8	258.9	0.0084	0.0051	0.0022							
14563	-237.5	-212.6	-2049.2	127.5	-473.9	295.3	0.0084	0.0051	0.0022							
14564	-243.3	-238.8	-2079.3	144.4	-463.2	331.4	0.0084	0.0051	0.0022							
14565	-321.9	-208.1	-1988.9	103.5	-521.1	222.0	0.0084	0.0051	0.0022							
14566	-324.6	-224.8	-2017.8	123.8	-515.6	258.9	0.0084	0.0051	0.0022							
14567	-327.6	-246.1	-2049.5	143.6	-508.1	295.5	0.0084	0.0051	0.0022							
14568	-331.3	-272.5	-2083.5	162.6	-498.8	332.3	0.0084	0.0051	0.0022							
14569	-424.7	-248.2	-2001.3	116.2	-555.7	223.6	0.0084	0.0051	0.0022							
14570	-426.3	-265.4	-2032.6	138.7	-551.5	260.9	0.0084	0.0051	0.0022							
14571	-428.0	-287.2	-2067.2	160.9	-545.3	298.2	0.0084	0.0051	0.0022							
14572	-429.9	-314.0	-2104.9	182.2	-537.4	335.9	0.0084	0.0051	0.0022							
14573	-541.5	-298.4	-2042.9	131.1	-596.6	227.3	0.0084	0.0051	0.0022							
14574	-542.3	-316.3	-2076.1	156.2	-593.6	265.6	0.0084	0.0051	0.0022							
14575	-542.8	-338.8	-2113.3	181.0	-588.8	304.1	0.0084	0.0051	0.0022							
14576	-543.2	-366.3	-2154.1	205.2	-582.1	343.0	0.0084	0.0051	0.0022							
14577	-682.7	-363.6	-2127.0	150.7	-649.5	233.9	0.0084	0.0051	0.0022							
14578	-682.6	-382.3	-2162.3	179.0	-647.2	273.9	0.0084	0.0051	0.0022							
14579	-681.7	-405.9	-2202.0	207.0	-643.2	314.3	0.0084	0.0051	0.0022							
14580	-680.3	-434.6	-2246.0	234.4	-637.2	355.2	0.0084	0.0051	0.0022							
14581	-869.4	-459.5	-2325.4	178.8	-718.2	244.5	0.0084	0.0051	0.0022							
14582	-867.7	-479.0	-2361.0	211.2	-717.4	287.7	0.0084	0.0051	0.0022							
14583	-864.2	-503.4	-2400.5	243.0	-715.2	331.7	0.0084	0.0051	0.0022							
14584	-859.1	-533.0	-2443.9	274.1	-711.6	376.5	0.0084	0.0051	0.0022							
14585	-1178.7	-571.8	-2402.1	245.4	-1016.6	287.7	0.0088	0.0151	0.0127				-0.48	-0.64	-3.03	
14586	-1170.3	-592.6	-2429.6	287.8	-1016.1	347.1	0.0091	0.0148	0.0127				-0.47	-0.65	-3.07	
14587	-1157.8	-618.2	-2459.0	328.5	-1013.4	408.0	0.0095	0.0145	0.0127				-0.46	-0.66	-3.12	
14588	-1141.3	-648.9	-2489.8	367.2	-1009.0	470.9	0.0099	0.0140	0.0127				-0.45	-0.67	-3.17	
14589	195.1	32.5	-1866.7	10.6	128.6	205.3	0.0084	0.0051	0.0022							
14590	187.0	19.3	-1890.0	12.6	126.1	241.7	0.0084	0.0051	0.0022							
14591	176.8	2.6	-1915.0	14.2	123.6	274.7	0.0084	0.0051	0.0022							
14592	164.4	-17.9	-1940.8	15.4	121.2	303.8	0.0084	0.0051	0.0022							
14593	187.6	29.5	-1888.6	14.8	53.7	209.4	0.0084	0.0051	0.0022							
14594	179.3	16.8	-1912.2	17.5	53.9	245.8	0.0084	0.0051	0.0022							
14595	168.8	0.5	-1936.9	20.0	54.9	278.5	0.0084	0.0051	0.0022							
14596	156.2	-20.0	-1962.0	22.2	56.7	307.1	0.0084	0.0051	0.0022							
14597	178.0	24.6	-1914.4	19.9	-121.0	211.7	0.0084	0.0051	0.0022							
14598	169.5	12.4	-1937.7	23.4	-116.8	247.4	0.0084	0.0051	0.0022							
14599	158.8	-3.6	-1961.7	26.7	-110.8	279.2	0.0084	0.0051	0.0022							
14600	145.7	-24.0	-1985.5	29.9	-102.9	307.1	0.0084	0.0051	0.0022							
14601	164.0	17.7	-1940.9	25.9	-189.5	212.0	0.0084	0.0051	0.0022							
14602	155.3	6.0	-1963.6	30.4	-182.8	246.5	0.0084	0.0051	0.0022							
14603	144.3	-9.8	-1986.5	34.8	-173.8	277.2	0.0084	0.0051	0.0022							
14604	130.9	-30.1	-2008.5	39.1	-162.5	304.0	0.0084	0.0051	0.0022							
14605	142.6	8.8	-1963.7	32.7	-245.4	210.5	0.0084	0.0051	0.0022							
14606	133.8	-2.6	-1985.8	38.5	-236.9	243.5	0.0084	0.0051	0.0022							
14607	122.7	-18.2	-2007.5	44.2	-225.8	272.8	0.0084	0.0051	0.0022							
14608	109.2	-38.6	-2027.9	49.9	-212.3	298.6	0.0084	0.0051	0.0022							
14609	110.7	-2.3	-1978.6	40.5	-287.8	207.5	0.0084	0.0051	0.0057							
14610	102.2	-13.6	-2000.3	47.9	-278.5	238.9	0.0084	0.0051	0.0022							
14611	91.5	-29.1	-2021.2	55.2	-266.5	266.8	0.0084	0.0051	0.0057							
14612	78.6	-49.6	-2040.7	62.4	-252.2	291.7	0.0084	0.0051	0.0057							
14613	66.3	-15.9	-1982.8	49.3	-318.5	203.6	0.0084	0.0051	0.0057							
14614	58.7	-27.1	-2004.5	58.5	-309.2	233.4	0.0084	0.0051	0.0057							
14615	49.2	-42.7	-2025.6	67.5	-297.3	260.1	0.0084	0.0051	0.0057							
14616	37.8	-63.3	-2045.3	76.3	-283.4	284.4	0.0084	0.0051	0.0057							
14617	9.4	-32.2	-1976.1	58.7	-341.2	199.4	0.0084	0.0051	0.0057							
14618	3.4	-43.6	-1998.6	69.8	-332.4	227.9	0.0084	0.0051	0.0057							
14619	-4.0	-59.3	-2020.9	80.7	-321.4	253.8	0.0084	0.0051	0.0057							
14620	-13.0	-79.9	-2042.1	91.1	-308.6	277.9	0.0084	0.0051	0.0057							
14621	-57.5	-51.6	-1962.0	68.4	-360.1	195.7	0.0084	0.0051	0.0022							
14622	-61.5	-63.2	-1986.0	81.4	-352.2	223.1	0.0084	0.0051	0.0022							
14623	-66.5	-78.9	-2010.3	94.0	-342.3	248.6	0.0084	0.0051	0.0022							
14624	-72.4	-99.2	-2034.3	105.9	-330.8	272.7	0.0084	0.0051	0.0022							
14625	-131.2	-74.4	-1947.1	77.8	-378.9	192.6	0.0084	0.0051	0.0022							
14626	-133.1	-86.1	-1972.9	92.5	-371.9	219.6	0.0084	0.0051	0.0022							
14627	-135.2	-101.7	-1999.8	106.6	-363.1	245.0	0.0084	0.0051	0.0022							
14628	-137.9	-121.5	-2027.3	119.8	-352.9	269.5	0.0084	0.0051	0.0022							
14629	-207.6	-100.9	-1939.7	86.5	-399.6	190.5	0.0084	0.0051	0.0022							
14630	-207.5	-112.5	-1967.3	102.5	-393.5	217.3	0.0084	0.0051	0.0022							
14631	-207.0	-127.7	-1996.8	117.8	-385.6	242.9	0.0084	0.0051	0.0022							
14632	-206.2	-146.7	-2027.8	132.0	-376.4	268.1	0.0084	0.0051	0.0022							
14633	-282.9	-131.3	-1949.0	94.1	-423.3	189.3	0.0084	0.0051	0.0022							
14634	-280.8	-142.5	-1978.0	110.9	-418.0	216.3	0.0084	0.0051	0.0022							
14635	-277.7	-156.9	-2009.7	126.9	-411.1	242.6	0.0084	0.0051	0.0022							
14636	-273.7	-174.6	-2043.4	141.5	-402.8	268.6	0.0084	0.0051	0.0022							
14637	-351.9	-165.5	-1983.3	100.2	-451.2	189.2	0.0084	0.0051	0.0022							
14638	-347.9	-175.8	-2013.1	117.0	-447.2	217.1	0.0084	0.0051	0.0022							
14639	-342.3	-188.7	-2045.9	132.8	-441.6	244.7	0.0084	0.0051	0.0022							
14640	-335.1	-204.4	-2081.2	147.1	-435.0	272.3	0.0084	0.0051	0.0022							
14641	-405.5	-202.5	-2052.9	103.4	-491.5	191.6	0.0084	0.0051	0.0022							
14642	-399.4	-210.9	-2081.9	119.1	-489.7	221.7	0.0084	0.0051	0.0022							
14643	-391.1	-221.2	-2113.5	133.6	-487.0	252.2	0.0084	0.0051	0.0022							
14644	-380.6	-233.3	-2147.3	146.4	-483.5	283.4	0.0084	0.0051	0.0022							
14645	-418.2	-231.5	-2125.4	101.5	-598.5	205.2	0.0084	0.0051	0.0022							
14646	-410.4	-236.4	-2148.9	114.3	-599.8	242.0	0.0084	0.0051	0.0022							
14647	-400.2	-242.3	-2173.7	125.9	-600.3	280.0	0.0084	0.0051	0.0022							
14648	-387.7	-249.1	-2198.9	136.0	-600.3	319.8	0.0084	0.0051	0.0022							
14649	-398.6	-225.8	-2007.1	100.4	-862.7	242.0	0.0084	0.0051	0.0022							
14650	-390.7	-227.7	-2024.3	111.4	-860.3	292.7	0.0084	0.0051	0.0022							
14651	-380.6	-230.6	-2041.9	121.5	-855.5	344.6	0.0084	0.0051	0.0022							
14652	-368.5	-234.4	-2059.2	130.7	-848.4	397.8	0.0084	0.0051	0.0022							

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14653	274.6	144.8	-1759.7	9.8	147.0	195.2	0.0084	0.0051	0.0022							
14654	267.6	135.2	-1789.2	11.0	143.9	226.9	0.0084	0.0051	0.0022							
14655	258.9	123.3	-1822.4	11.7	140.9	254.7	0.0084	0.0051	0.0022							
14656	248.6	108.7	-1858.1	12.0	138.4	277.7	0.0084	0.0051	0.0022							
14657	270.8	141.9	-1784.1	12.6	72.2	199.7	0.0084	0.0051	0.0022							
14658	263.7	133.1	-1814.3	14.0	71.9	231.1	0.0084	0.0051	0.0022							
14659	255.0	121.8	-1847.5	14.8	72.8	258.1	0.0084	0.0051	0.0022							
14660	244.7	107.5	-1882.3	15.2	75.0	280.0	0.0084	0.0051	0.0022							
14661	268.6	137.2	-1819.9	16.2	-121.6	202.2	0.0084	0.0051	0.0022							
14662	261.4	129.4	-1850.1	17.7	-117.6	232.5	0.0084	0.0051	0.0022							
14663	252.4	118.8	-1882.3	18.7	-111.2	258.0	0.0084	0.0051	0.0022							
14664	241.7	104.7	-1914.9	19.4	-102.1	278.3	0.0084	0.0051	0.0022							
14665	265.3	130.9	-1862.4	20.2	-185.8	202.5	0.0084	0.0051	0.0022							
14666	257.9	124.1	-1891.9	22.2	-179.0	231.0	0.0084	0.0051	0.0022							
14667	248.5	114.1	-1922.2	23.6	-169.1	254.3	0.0084	0.0051	0.0022							
14668	237.0	100.1	-1951.5	25.1	-156.3	272.8	0.0084	0.0051	0.0022							
14669	256.8	122.9	-1904.4	24.9	-232.2	200.4	0.0084	0.0051	0.0022							
14670	249.1	116.9	-1932.6	27.6	-223.3	226.6	0.0084	0.0051	0.0022							
14671	239.2	107.4	-1960.3	30.1	-211.3	247.6	0.0084	0.0051	0.0022							
14672	227.0	93.4	-1985.8	32.7	-196.2	264.1	0.0084	0.0051	0.0022							
14673	237.9	113.4	-1937.6	30.4	-260.0	196.2	0.0084	0.0051	0.0057							
14674	230.2	107.9	-1964.3	34.5	-250.3	220.0	0.0084	0.0051	0.0022							
14675	220.1	98.5	-1989.5	38.5	-237.5	238.8	0.0084	0.0051	0.0057							
14676	207.8	84.4	-2011.6	42.6	-222.1	253.8	0.0084	0.0051	0.0057							
14677	204.4	102.2	-1955.2	37.1	-272.8	190.6	0.0084	0.0051	0.0057							
14678	197.2	96.7	-1980.7	42.9	-263.3	212.3	0.0084	0.0051	0.0057							
14679	187.8	87.3	-2004.2	48.7	-251.3	229.5	0.0084	0.0051	0.0057							
14680	176.3	73.1	-2024.2	54.5	-237.3	243.6	0.0084	0.0051	0.0057							
14681	154.8	88.9	-1954.6	44.8	-277.7	184.8	0.0084	0.0051	0.0057							
14682	148.9	83.3	-1979.6	52.5	-269.1	204.9	0.0084	0.0051	0.0057							
14683	141.3	73.7	-2002.8	60.2	-258.8	221.3	0.0084	0.0051	0.0057							
14684	132.2	59.5	-2022.8	67.6	-247.3	235.4	0.0084	0.0051	0.0057							
14685	91.6	73.5	-1939.3	52.8	-282.7	179.8	0.0084	0.0051	0.0022							
14686	87.9	67.5	-1964.7	62.3	-275.5	199.2	0.0084	0.0051	0.0022							
14687	83.3	57.9	-1988.9	71.6	-267.1	215.6	0.0084	0.0051	0.0022							
14688	77.9	44.1	-2010.7	80.2	-258.2	230.6	0.0084	0.0051	0.0022							
14689	21.3	55.9	-1917.9	60.0	-294.7	176.4	0.0084	0.0051	0.0022							
14690	20.5	49.9	-1944.1	70.8	-288.7	195.9	0.0084	0.0051	0.0022							
14691	19.7	40.6	-1970.2	81.2	-282.0	213.4	0.0084	0.0051	0.0022							
14692	18.8	27.7	-1994.9	90.7	-275.0	229.9	0.0084	0.0051	0.0022							
14693	-47.0	36.6	-1901.5	65.4	-317.1	175.1	0.0084	0.0051	0.0022							
14694	-44.7	30.9	-1928.5	76.7	-312.2	195.6	0.0084	0.0051	0.0022							
14695	-41.5	22.4	-1956.2	87.5	-306.7	214.8	0.0084	0.0051	0.0022							
14696	-37.5	11.2	-1983.7	97.1	-301.2	233.6	0.0084	0.0051	0.0022							
14697	-103.4	16.6	-1899.7	67.9	-351.7	176.2	0.0084	0.0051	0.0022							
14698	-98.0	11.7	-1926.6	78.9	-348.0	198.6	0.0084	0.0051	0.0022							
14699	-91.0	4.9	-1955.0	89.2	-343.8	220.3	0.0084	0.0051	0.0022							
14700	-82.6	-4.0	-1983.8	98.1	-339.6	242.3	0.0084	0.0051	0.0022							
14701	-137.3	-2.3	-1916.6	66.8	-402.2	180.5	0.0084	0.0051	0.0022							
14702	-129.7	-5.6	-1941.9	76.4	-400.2	206.0	0.0084	0.0051	0.0022							
14703	-120.1	-10.0	-1968.7	85.3	-397.8	231.7	0.0084	0.0051	0.0022							
14704	-108.8	-15.8	-1996.1	92.8	-395.5	258.1	0.0084	0.0051	0.0022							
14705	-141.2	-15.7	-1939.0	62.0	-483.8	191.1	0.0084	0.0051	0.0022							
14706	-132.9	-16.7	-1960.2	69.4	-483.7	221.8	0.0084	0.0051	0.0022							
14707	-122.8	-18.1	-1982.1	76.3	-483.3	253.4	0.0084	0.0051	0.0022							
14708	-110.9	-20.3	-2003.7	82.1	-482.9	286.4	0.0084	0.0051	0.0022							
14709	-126.3	-16.5	-1911.3	57.0	-621.4	211.8	0.0084	0.0051	0.0022							
14710	-119.3	-15.6	-1926.3	62.9	-621.4	250.6	0.0084	0.0051	0.0022							
14711	-111.0	-15.0	-1941.0	68.8	-620.3	290.5	0.0084	0.0051	0.0022							
14712	-101.5	-15.0	-1954.4	74.3	-618.3	331.9	0.0084	0.0051	0.0022							