

n	nx	ny	nz	X	Y	Z	oXY	oXZ	
1	2	6	1	11	1	10	24	42	
2	15	5	10	5	3	12	16	34	
3	8	1	12	6	1	10	14	32	
4	8	3	5	11	4	9	30	40	
5	15	4	11	1	1	5	4	12	
6	11	2	1	14	4	12	36	52	
7	3	2	1	10	2	9	24	38	
8	7	7	8	3	0	1	6	8	
9	9	3	11	5	0	9	10	28	
10	7	1	4	0	4	4	8	8	
11	6	7	11	4	1	4	10	16	
12	7	1	3	6	3	7	18	26	
13	7	2	4	12	2	1	28	26	
14	12	2	8	14	3	4	34	36	
15	14	3	10	6	5	1	22	14	
16	9	1	7	9	4	12	26	42	
17	7	1	7	6	2	5	16	22	
18	1	1	9	8	7	4	30	24	
19	15	2	1	6	8	3	28	18	
20	15	0	1	8	6	6	28	28	
21	10	2	6	9	3	6	24	30	
22	4	5	11	8	7	10	30	36	
23	8	1	0	7	3	1	20	16	
24	7	0	5	1	0	7	2	16	
25	2	6	6	11	3	9	28	40	
26	14	7	2	13	6	7	38	40	
27	4	6	9	7	0	3	14	20	
28	12	5	1	9	0	9	18	36	
29	2	7	1	6	7	10	26	32	
30	1	6	1	14	3	7	34	42	
31	14	5	3	4	5	10	18	28	
32	6	6	9	4	2	5	12	18	
33	12	4	11	6	5	4	22	20	
34	9	1	5	12	6	6	36	36	
35	4	5	3	13	7	1	40	28	
36	7	5	10	10	3	6	26	32	
37	6	2	4	4	1	7	10	22	
38	6	2	8	7	5	9	24	32	
39	2	3	5	12	5	9	34	42	
40	1	7	2	3	6	2	18	10	
41	12	2	11	13	1	2	28	30	
42	11	3	1	12	3	2	30	28	
43	9	1	10	5	1	11	12	32	
44	7	6	4	3	4	11	14	28	
45	8	5	3	7	2	9	18	32	
46	3	7	4	5	6	6	22	22	
47	12	5	7	1	8	6	18	14	
48	0	8	0	2	7	6	18	16	

49	11	5	11	9	3	12	24	42
50	3	4	2	7	6	11	26	36
51	9	1	8	10	2	2	24	24
52	2	3	10	15	6	4	42	38
53	3	1	7	6	5	1	22	14
54	8	7	7	13	6	5	38	36
55	14	6	10	5	8	10	26	30
56	11	4	11	15	1	4	32	38
57	5	3	8	12	3	1	30	26
58	2	3	2	14	2	11	32	50
59	10	7	5	10	3	6	26	32
60	14	3	2	6	7	1	26	14
61	8	7	7	1	1	7	4	16
62	14	8	9	4	7	9	22	26
63	9	4	2	7	3	5	20	24
64	9	1	3	14	0	5	28	38
65	9	4	12	13	2	9	30	44
66	9	7	2	4	2	8	12	24
67	7	1	2	2	4	3	12	10
68	14	1	9	13	5	2	36	30
69	5	5	6	14	3	5	34	38
70	3	8	4	5	3	5	16	20
71	12	4	6	0	6	12	12	24
72	6	1	10	11	4	8	30	38
73	9	3	10	2	0	1	4	6
74	7	6	1	2	1	8	6	20
75	14	3	10	7	7	8	28	30
76	8	4	10	2	7	11	18	26
77	13	0	8	5	6	1	22	12
78	9	6	2	2	3	3	10	10
79	0	1	8	15	3	4	36	38
80	8	4	8	8	1	4	18	24
81	5	5	0	12	1	6	26	36
82	8	1	3	0	6	2	12	4
83	6	1	4	2	5	5	14	14
84	10	7	0	7	4	4	22	22
85	4	5	6	13	1	11	28	48
86	6	8	11	9	5	8	28	34
87	11	6	1	13	0	4	26	34
88	10	4	6	4	4	5	16	18
89	14	3	8	5	3	1	16	12
90	1	0	9	7	2	2	18	18
91	6	0	2	11	5	7	32	36
92	8	7	4	8	2	1	20	18
93	9	5	8	14	8	11	44	50
94	15	2	5	6	6	3	24	18
95	10	3	6	11	8	10	38	42
96	13	0	1	11	0	4	22	30
97	7	3	2	3	3	8	12	22
98	13	7	4	4	8	3	24	14

99	8	6	3	5	2	9	14	28
100	10	2	2	13	6	4	38	34
		průměry		7.64	3.69	6.03		

oYZ	sXY	sXZ	sYZ	uXY	uXZ	uYZ	uXZY
22	11	110	10	11.04536	14.86607	10.04988	14.89966
30	15	60	36	5.830952	13	12.36932	13.34166
22	6	60	10	6.082763	11.6619	10.04988	11.7047
26	44	99	36	11.7047	14.21267	9.848858	14.76482
12	1	5	5	1.414214	5.09902	5.09902	5.196152
32	56	168	48	14.56022	18.43909	12.64911	18.86796
22	20	90	18	10.19804	13.45362	9.219544	13.60147
2	0	3	0	3	3.162278	1	3.162278
18	0	45	0	5	10.29563	9	10.29563
16	0	0	16	4	4	5.656854	5.656854
10	4	16	4	4.123106	5.656854	4.123106	5.744563
20	18	42	21	6.708204	9.219544	7.615773	9.69536
6	24	12	2	12.16553	12.04159	2.236068	12.20656
14	42	56	12	14.31782	14.56022	5	14.86607
12	30	6	5	7.81025	6.082763	5.09902	7.874008
32	36	108	48	9.848858	15	12.64911	15.52417
14	12	30	10	6.324555	7.81025	5.385165	8.062258
22	56	32	28	10.63015	8.944272	8.062258	11.35782
22	48	18	24	10	6.708204	8.544004	10.44031
24	48	48	36	10	10	8.485281	11.6619
18	27	54	18	9.486833	10.81665	6.708204	11.22497
34	56	80	70	10.63015	12.80625	12.20656	14.59452
8	21	7	3	7.615773	7.071068	3.162278	7.681146
14	0	7	0	1	7.071068	7	7.071068
24	33	99	27	11.40175	14.21267	9.486833	14.52584
26	78	91	42	14.31782	14.76482	9.219544	15.93738
6	0	21	0	7	7.615773	3	7.615773
18	0	81	0	9	12.72792	9	12.72792
34	42	60	70	9.219544	11.6619	12.20656	13.60147
20	42	98	21	14.31782	15.65248	7.615773	15.93738
30	20	40	50	6.403124	10.77033	11.18034	11.87434
14	8	20	10	4.472136	6.403124	5.385165	6.708204
18	30	24	20	7.81025	7.211103	6.403124	8.774964
24	72	72	36	13.41641	13.41641	8.485281	14.69694
16	91	13	7	14.76482	13.0384	7.071068	14.79865
18	30	60	18	10.44031	11.6619	6.708204	12.04159
16	4	28	7	4.123106	8.062258	7.071068	8.124038
28	35	63	45	8.602325	11.40175	10.29563	12.4499
28	60	108	45	13	15	10.29563	15.81139
16	18	6	12	6.708204	3.605551	6.324555	7
6	13	26	2	13.0384	13.15295	2.236068	13.19091
10	36	24	6	12.36932	12.16553	3.605551	12.52996
24	5	55	11	5.09902	12.08305	11.04536	12.12436
30	12	33	44	5	11.40175	11.7047	12.08305
22	14	63	18	7.28011	11.40175	9.219544	11.57584
24	30	30	36	7.81025	7.81025	8.485281	9.848858
28	8	6	48	8.062258	6.082763	10	10.04988
26	14	12	42	7.28011	6.324555	9.219544	9.433981

30	27	108	36	9.486833	15	12.36932	15.29706
34	42	77	66	9.219544	13.0384	12.52996	14.3527
8	20	20	4	10.19804	10.19804	2.828427	10.3923
20	90	60	24	16.15549	15.52417	7.211103	16.64332
12	30	6	5	7.81025	6.082763	5.09902	7.874008
22	78	65	30	14.31782	13.92839	7.81025	15.16575
36	40	50	80	9.433981	11.18034	12.80625	13.74773
10	15	60	4	15.0333	15.52417	4.123106	15.55635
8	36	12	3	12.36932	12.04159	3.162278	12.40967
26	28	154	22	14.14214	17.80449	11.18034	17.91647
18	30	60	18	10.44031	11.6619	6.708204	12.04159
16	42	6	7	9.219544	6.082763	7.071068	9.273618
16	1	7	7	1.414214	7.071068	7.071068	7.141428
32	28	36	63	8.062258	9.848858	11.40175	12.08305
16	21	35	15	7.615773	8.602325	5.830952	9.110434
10	0	70	0	14	14.86607	5	14.86607
22	26	117	18	13.15295	15.81139	9.219544	15.93738
20	8	32	16	4.472136	8.944272	8.246211	9.165151
14	8	6	12	4.472136	3.605551	5	5.385165
14	65	26	10	13.92839	13.15295	5.385165	14.07125
16	42	70	15	14.31782	14.86607	5.830952	15.16575
16	15	25	15	5.830952	7.071068	5.830952	7.681146
36	0	0	72	6	12	13.41641	13.41641
24	44	88	32	11.7047	13.60147	8.944272	14.17745
2	0	2	0	2	2.236068	1	2.236068
18	2	16	8	2.236068	8.246211	8.062258	8.306624
30	49	56	56	9.899495	10.63015	10.63015	12.72792
36	14	22	77	7.28011	11.18034	13.0384	13.19091
14	30	5	6	7.81025	5.09902	6.082763	7.874008
12	6	6	9	3.605551	3.605551	4.242641	4.690416
14	45	60	12	15.29706	15.52417	5	15.81139
10	8	32	4	8.062258	8.944272	4.123106	9
14	12	72	6	12.04159	13.41641	6.082763	13.45362
16	0	0	12	6	2	6.324555	6.324555
20	10	10	25	5.385165	5.385165	7.071068	7.348469
16	28	28	16	8.062258	8.062258	5.656854	9
24	13	143	11	13.0384	17.02939	11.04536	17.05872
26	45	72	40	10.29563	12.04159	9.433981	13.0384
8	0	52	0	13	13.60147	4	13.60147
18	16	20	20	5.656854	6.403124	6.403124	7.549834
8	15	5	3	5.830952	5.09902	3.162278	5.91608
8	14	14	4	7.28011	7.28011	2.828427	7.549834
24	55	77	35	12.08305	13.0384	8.602325	13.96424
6	16	8	2	8.246211	8.062258	2.236068	8.306624
38	112	154	88	16.12452	17.80449	13.60147	19.51922
18	36	18	18	8.485281	6.708204	6.708204	9
36	88	110	80	13.60147	14.86607	12.80625	16.88194
8	0	44	0	11	11.7047	4	11.7047
22	9	24	24	4.242641	8.544004	8.544004	9.055385
22	32	12	24	8.944272	5	8.544004	9.433981

22	10	45	18	5.385165	10.29563	9.219544	10.48809
20	78	52	24	14.31782	13.60147	7.211103	14.86607

R

	<i>oXY</i>	<i>oXZ</i>	<i>oYZ</i>	<i>sXY</i>	<i>sXZ</i>	<i>sYZ</i>	<i>uXY</i>
<i>oXY</i>	1	0.701657	0.285892	0.851969	0.594726	0.327277	0.966498
<i>oXZ</i>	0.701657	1	0.492846	0.488884	0.927489	0.372445	0.743732
<i>oYZ</i>	0.285892	0.492846	1	0.41497	0.533016	0.909983	0.176094
<i>sXY</i>	0.851969	0.488884	0.41497	1	0.436621	0.484493	0.708175
<i>sXZ</i>	0.594726	0.927489	0.533016	0.436621	1	0.392493	0.622404
<i>sYZ</i>	0.327277	0.372445	0.909983	0.484493	0.392493	1	0.203323
<i>uXY</i>	0.966498	0.743732	0.176094	0.708175	0.622404	0.203323	1
<i>uXZ</i>	0.729143	0.978274	0.42851	0.495853	0.84582	0.331309	0.78545
<i>uYZ</i>	0.218044	0.52926	0.974046	0.318369	0.577721	0.810842	0.134714
<i>uXZY</i>	0.81906	0.943436	0.560515	0.616889	0.826148	0.476442	0.843461

B

	F1	F2	F3
<i>oXY</i>	0.121	0.477	0.863
<i>oXZ</i>	0.567	-0.119	0.807
<i>oYZ</i>	0.937	0.335	0.007
<i>sXY</i>	0.177	0.750	0.573
<i>sXZ</i>	0.626	-0.149	0.685
<i>sYZ</i>	0.796	0.535	-0.026
<i>uXY</i>	0.072	<u>0.285</u>	0.934
<i>uXZ</i>	0.490	-0.096	0.843
<i>uYZ</i>	0.965	<u>0.172</u>	0.015
<i>uXZY</i>	0.548	<u>0.110</u>	0.810

B^T

0.12104	0.566957
0.476641	-0.11887
0.862828	0.807033

R.se.stř.

0.986309	0.708298	0.279166	0.87282	0.595711	0.329286	0.950073
0.708298	0.986872	0.497076	0.473209	0.925059	0.366869	0.760598
0.279166	0.497076	0.991041	0.420807	0.541245	0.925515	0.169279
0.87282	0.473209	0.420807	0.92112	0.391194	0.527171	0.760837
0.595711	0.925059	0.541245	0.391194	0.882521	0.400762	0.642191
0.329286	0.366869	0.925515	0.527171	0.400762	0.921046	0.185581
0.950073	0.760598	0.169279	0.760837	0.642191	0.185581	0.958164
0.741377	0.969806	0.433011	0.497816	0.898347	0.317128	0.795569
0.212003	0.539463	0.962568	0.308005	0.589114	0.860028	0.132792
0.817842	0.951536	0.556288	0.64331	0.881406	0.474442	0.827312

R.rezid

0.013691	-0.00664	0.006726	-0.02085	-0.00098	-0.00201	0.016425
-0.00664	0.013128	-0.00423	0.015675	0.002431	0.005575	-0.01687
0.006726	-0.00423	0.008959	-0.00584	-0.00823	-0.01553	0.006815
-0.02085	0.015675	-0.00584	0.07888	0.045427	-0.04268	-0.05266
-0.00098	0.002431	-0.00823	0.045427	0.117479	-0.00827	-0.01979
-0.00201	0.005575	-0.01553	-0.04268	-0.00827	0.078954	0.017742
0.016425	-0.01687	0.006815	-0.05266	-0.01979	0.017742	0.041836
-0.01223	0.008468	-0.0045	-0.00196	-0.05253	0.014181	-0.01012
0.006041	-0.0102	0.011479	0.010364	-0.01139	-0.04919	0.001922
0.001218	-0.0081	0.004227	-0.02642	-0.05526	0.001999	0.01615

SS

0.072763

<i>uXZ</i>	<i>uYZ</i>	<i>uXZY</i>
0.729143	0.218044	0.81906
0.978274	0.52926	0.943436
0.42851	0.974046	0.560515
0.495853	0.318369	0.616889
0.84582	0.577721	0.826148
0.331309	0.810842	0.476442
0.78545	0.134714	0.843461
1	0.461993	0.962886
0.461993	1	0.570353
0.962886	0.570353	1

0.937319	0.176612	0.625652	0.796068	0.071989	0.490041	0.965442	0.548204
0.335302	0.749631	-0.14873	0.535402	0.284588	-0.09566	0.17159	0.110086
0.006831	0.572696	0.684807	-0.0258	0.933805	0.84334	0.015483	0.810146

0.741377	0.212003	0.817842
0.969806	0.539463	0.951536
0.433011	0.962568	0.556288
0.497816	0.308005	0.64331
0.898347	0.589114	0.881406
0.317128	0.860028	0.474442
0.795569	0.132792	0.827312
0.960513	0.46975	0.94134
0.46975	0.961762	0.560692
0.94134	0.560692	0.968982

-0.01223	0.006041	0.001218
0.008468	-0.0102	-0.0081
-0.0045	0.011479	0.004227
-0.00196	0.010364	-0.02642
-0.05253	-0.01139	-0.05526
0.014181	-0.04919	0.001999
-0.01012	0.001922	0.01615
0.039487	-0.00776	0.021546
-0.00776	0.038238	0.009661
0.021546	0.009661	0.031018