

Příloha 15: Protokol zpracování zázpisníku část 2

REDUKCE ŠIKMÝCH DÉLEK NA VODOROVNÉ

=====

Stanovisko Bod Z dH Šikmá D Vod. D

VÝPOČET OPRAVENÝCH SMĚRŮ Z MĚŘENÍ V I. A II. POLOZE

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?: Podezřelé měření:

oprava kolimační chyby > 0.2000g,
oprava indexové chyby > 0.0300g,
oprava délky > 0.100m

x: Chybné měření:

oprava kolimační chyby > 0.5000g,
oprava indexové chyby > 0.0700g,
oprava délky > 0.200m

Stanovisko: 552

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
	Kol	V Kol	Index	V Index	V D	V D			
4010	372.7126	172.7117	101.3528	298.6496	131.452	131.452	372.7121	101.3516	131.452
	-0.0005	-0.0011	-0.0012	0.0000	0.000				
4010	372.7126	172.7111	101.3561	298.6497	131.453	131.453	372.7119	101.3532	131.453
	-0.0007	-0.0013	-0.0029	-0.0017	0.000				
553	149.7817	349.7811	98.5184	301.4848	94.713	94.712	149.7814	98.5168	94.713
	-0.0003	-0.0009	-0.0016	-0.0004	-0.000				
553	149.7819	349.7811	98.5182	301.4846	94.713	94.713	149.7815	98.5168	94.713
	-0.0004	-0.0010	-0.0014	-0.0002	-0.000				
4010	372.7126	172.7113	101.3530	298.6496	131.452	131.453	372.7120	101.3517	131.452
	-0.0006	-0.0012	-0.0013	-0.0001	0.000				
4010	372.7126	172.7112	101.3532	298.6498	131.452	131.452	372.7119	101.3517	131.452
	-0.0007	-0.0013	-0.0015	-0.0003	0.000				
553	149.7819	349.7810	98.5179	301.4838	94.713	94.713	149.7814	98.5171	94.713
	-0.0004	-0.0010	-0.0009	0.0003	-0.000				
553	149.7820	349.7812	98.5177	301.4835	94.713	94.713	149.7816	98.5171	94.713
	-0.0004	-0.0010	-0.0006	0.0006	0.000				
4010	372.7126	172.7114	101.3527	298.6495	131.453	131.453	372.7120	101.3516	131.453
	-0.0006	-0.0012	-0.0011	0.0001	0.000				
4010	372.7126	172.7116	101.3535	298.6494	131.453	131.453	372.7121	101.3521	131.453
	-0.0005	-0.0011	-0.0015	-0.0003	0.000				
553	149.7821	349.7813	98.5184	301.4837	94.713	94.713	149.7817	98.5173	94.713
	-0.0004	-0.0010	-0.0010	0.0002	-0.000				
553	149.7819	349.7813	98.5183	301.4838	94.713	94.713	149.7816	98.5172	94.713
	-0.0003	-0.0009	-0.0011	0.0001	0.000				

Stanovisko: 4010

Cíl	H _z I	H _z II	Z I	Z II	D I	D II	H _z	Z	Délka
	Kol	V Kol	Index	V Index	V D				
552	0.0000	199.9982	98.7030	301.2993	131.452	131.452	399.9991	98.7018	131.452
	-0.0009	-0.0015	-0.0012	0.0000	0.000				
552	0.0000	199.9981	98.7030	301.2987	131.452	131.452	399.9990	98.7021	131.452
	-0.0010	-0.0016	-0.0009	0.0003	-0.000				
4009	234.8458	34.8439	101.7580	298.2453	152.283	152.282	234.8448	101.7564	152.283
	-0.0010	-0.0016	-0.0017	-0.0005	-0.000				
4009	234.8451	34.8441	101.7572	298.2452	152.282	152.283	234.8446	101.7560	152.282
	-0.0005	-0.0011	-0.0012	0.0000	0.000				
552	0.0000	199.9992	98.7036	301.2987	131.452	131.452	399.9996	98.7024	131.452
	-0.0004	-0.0010	-0.0011	0.0001	0.000				
552	0.0000	199.9987	98.7043	301.2979	131.453	131.452	399.9994	98.7032	131.453
	-0.0006	-0.0012	-0.0011	0.0001	-0.000				
4009	234.8461	34.8444	101.7568	298.2458	152.283	152.283	234.8452	101.7555	152.283
	-0.0008	-0.0014	-0.0013	-0.0001	0.000				
4009	234.8462	34.8446	101.7570	298.2456	152.282	152.283	234.8454	101.7557	152.282
	-0.0008	-0.0014	-0.0013	-0.0001	0.000				
552	0.0000	199.9987	98.7036	301.2988	131.453	131.452	399.9994	98.7024	131.453
	-0.0006	-0.0012	-0.0012	-0.0000	-0.000				
552	0.0000	199.9989	98.7048	301.2998	131.453	131.452	399.9995	98.7025	131.452
	-0.0005	-0.0011	-0.0023	-0.0011	-0.000				
4009	234.8470	34.8459	101.7578	298.2449	152.282	152.282	234.8464	101.7564	152.282
	-0.0006	-0.0012	-0.0013	-0.0001	0.000				
4009	234.8471	34.8463	101.7580	298.2451	152.283	152.282	234.8467	101.7564	152.282
	-0.0004	-0.0010	-0.0015	-0.0003	-0.000				

Stanovisko: 4009

Cíl	H _z I	H _z II	Z I	Z II	D I	D II	H _z	Z	Délka
	Kol	V Kol	Index	V Index	V D				
4010	0.0000	200.0001	98.2884	301.7153	152.282	152.282	0.0001	98.2865	152.282
	0.0001	-0.0005	-0.0019	-0.0007	-0.000				
4010	0.0000	200.0007	98.2883	301.7163	152.283	152.282	0.0003	98.2860	152.282
	0.0003	-0.0003	-0.0023	-0.0011	-0.000				
549	212.0314	12.0291	101.3959	298.6068	125.401	125.401	212.0303	101.3945	125.401
	-0.0012	-0.0018	-0.0014	-0.0002	-0.000				
549	212.0310	12.0288	101.3960	298.6062	125.401	125.401	212.0299	101.3949	125.401
	-0.0011	-0.0017	-0.0011	0.0001	-0.000				
4010	0.0000	199.9997	98.2865	301.7153	152.282	152.282	399.9999	98.2856	152.282
	-0.0001	-0.0007	-0.0009	0.0003	0.000				
4010	0.0000	199.9993	98.2866	301.7152	152.282	152.282	399.9996	98.2857	152.282
	-0.0004	-0.0010	-0.0009	0.0003	-0.000				
549	212.0305	12.0291	101.3958	298.6073	125.401	125.401	212.0298	101.3942	125.401
	-0.0007	-0.0013	-0.0016	-0.0004	0.000				
549	212.0310	12.0294	101.3951	298.6077	125.401	125.400	212.0302	101.3937	125.401
	-0.0008	-0.0014	-0.0014	-0.0002	-0.000				

4010 0.0000 200.0019 98.2866 301.7163 152.283 152.282 0.0009 98.2852 152.282
0.0009 0.0003 -0.0014 -0.0002 -0.000

4010 0.0000 200.0008 98.2872 301.7159 152.282 152.282 0.0004 98.2857 152.282
0.0004 -0.0002 -0.0016 -0.0004 -0.000

549 212.0312 12.0291 101.3956 298.6079 125.401 125.401 212.0301 101.3938 125.401
-0.0011 -0.0017 -0.0018 -0.0006 -0.000

549 212.0311 12.0294 101.3956 298.6086 125.401 125.401 212.0302 101.3935 125.401
-0.0009 -0.0015 -0.0021 -0.0009 0.000

Stanovisko: 549

Cíl	H _z I	H _z II	ZI	ZII	DI	DII	H _z	Z	Délka
	Kol	V Kol	Index	V Index		V D			
4009	0.0000	199.9993	98.6620	301.3403	125.400	125.399	399.9997	98.6608	125.400
	-0.0003	-0.0009	-0.0011	0.0001	-0.000				
4009	0.0000	199.9991	98.6616	301.3399	125.400	125.400	399.9995	98.6608	125.400
	-0.0005	-0.0011	-0.0007	0.0005	-0.000				
4008	248.9218	48.9192	101.3645	298.6375	102.238	102.238	248.9205	101.3635	102.238
	-0.0013	-0.0019	-0.0010	0.0002	0.000				
4008	248.9223	48.9193	101.3643	298.6377	102.238	102.238	248.9208	101.3633	102.238
	-0.0015	-0.0021	-0.0010	0.0002	-0.000				
4009	0.0000	199.9996	98.6620	301.3402	125.400	125.400	399.9998	98.6609	125.400
	-0.0002	-0.0008	-0.0011	0.0001	-0.000				
4009	0.0000	199.9994	98.6617	301.3402	125.400	125.399	399.9997	98.6607	125.399
	-0.0003	-0.0009	-0.0009	0.0003	-0.000				
4008	248.9225	48.9198	101.3643	298.6377	102.238	102.238	248.9212	101.3633	102.238
	-0.0014	-0.0020	-0.0010	0.0002	-0.000				
4008	248.9230	48.9198	101.3646	298.6383	102.238	102.238	248.9214	101.3631	102.238
	-0.0016	-0.0022	-0.0014	-0.0002	-0.000				
4009	0.0000	199.9993	98.6618	301.3407	125.400	125.399	399.9997	98.6605	125.399
	-0.0003	-0.0009	-0.0013	-0.0001	-0.000				
4009	0.0000	199.9994	98.6614	301.3407	125.400	125.400	399.9997	98.6603	125.400
	-0.0003	-0.0009	-0.0010	0.0002	0.000				
4008	248.9223	48.9198	101.3644	298.6378	102.238	102.238	248.9210	101.3633	102.238
	-0.0012	-0.0018	-0.0011	0.0001	0.000				
4008	248.9223	48.9194	101.3644	298.6380	102.238	102.239	248.9209	101.3632	102.238
	-0.0014	-0.0020	-0.0012	-0.0000	0.000				
4008centr	249.5147	49.5124	101.5345	298.4680	103.424	103.422	249.5136	101.5332	103.423
	-0.0011	-0.0017	-0.0012	-0.0000	-0.001				

Stanovisko: 4008ex

Cíl	H _z I	H _z II	ZI	ZII	DI	DII	H _z	Z	Délka
	Kol	V Kol	Index	V Index		V D			
549	0.0000	200.0007	98.7072	301.2941	102.238	102.238	0.0003	98.7066	102.238
	0.0003	-0.0003	-0.0006	0.0006	-0.000				
549	0.0000	200.0003	98.7079	301.2941	102.238	102.238	0.0002	98.7069	102.238
	0.0002	-0.0004	-0.0010	0.0002	0.000				

548 239.6894 39.6884 101.3832 298.6191 105.423 105.423 239.6889 101.3820 105.423
-0.0005 -0.0011 -0.0011 0.0001 0.000

548 239.6900 39.6886 101.3829 298.6192 105.423 105.423 239.6893 101.3819 105.423
-0.0007 -0.0013 -0.0010 0.0002 0.000

549 0.0000 199.9996 98.7077 301.2942 102.238 102.238 399.9998 98.7068 102.238
-0.0002 -0.0008 -0.0010 0.0002 -0.000

549 0.0000 199.9992 98.7076 301.2936 102.238 102.238 399.9996 98.7070 102.238
-0.0004 -0.0010 -0.0006 0.0006 -0.000

548 239.6881 39.6870 101.3840 298.6192 105.423 105.423 239.6875 101.3824 105.423
-0.0005 -0.0011 -0.0016 -0.0004 -0.000

548 239.6887 39.6867 101.3831 298.6190 105.423 105.423 239.6877 101.3821 105.423
-0.0010 -0.0016 -0.0010 0.0002 -0.000

549 0.0000 199.9984 98.7076 301.2935 102.238 102.238 399.9992 98.7070 102.238
-0.0008 -0.0014 -0.0005 0.0007 0.000

549 0.0000 199.9988 98.7080 301.2934 102.238 102.238 399.9994 98.7073 102.238
-0.0006 -0.0012 -0.0007 0.0005 -0.000

548 239.6890 39.6870 101.3828 298.6192 105.423 105.423 239.6880 101.3818 105.423
-0.0010 -0.0016 -0.0010 0.0002 0.000

548 239.6889 39.6867 101.3824 298.6197 105.423 105.423 239.6878 101.3814 105.423
-0.0011 -0.0017 -0.0011 0.0001 0.000

4008centr 243.5170 43.5325 114.6841 285.2924 1.524 1.525 243.5248 114.6959 1.525
0.0078 0.0072 0.0118 0.0130 0.000

Stanovisko: 548

Cíl	H _z I	H _z II	ZI	ZII	DI	DII	H _z	Z	Délka
	Kol	V Kol	Index	V Index	V D				
4008ex	0.0000	199.9986	98.6888	301.3154	105.423	105.423	399.9993	98.6867	105.423
	-0.0007	-0.0013	-0.0021	-0.0009	-0.000				
4008ex	0.0000	199.9991	98.6889	301.3153	105.423	105.422	399.9996	98.6868	105.422
	-0.0004	-0.0010	-0.0021	-0.0009	-0.000				
4007	241.4318	41.4294	101.9141	298.0895	72.938	72.937	241.4306	101.9123	72.938
	-0.0012	-0.0018	-0.0018	-0.0006	-0.000				
4007	241.4320	41.4290	101.9143	298.0890	72.938	72.938	241.4305	101.9126	72.938
	-0.0015	-0.0021	-0.0017	-0.0005	-0.000				
4008ex	0.0000	199.9999	98.6883	301.3158	105.423	105.423	400.0000	98.6863	105.423
	-0.0000	-0.0006	-0.0021	-0.0009	-0.000				
4008ex	0.0000	199.9999	98.6876	301.3156	105.423	105.422	400.0000	98.6860	105.423
	-0.0000	-0.0006	-0.0016	-0.0004	-0.000				
4007	241.4326	41.4303	101.9149	298.0888	72.938	72.939	241.4314	101.9131	72.938
	-0.0011	-0.0017	-0.0019	-0.0007	0.000				
4007	241.4324	41.4300	101.9151	298.0888	72.938	72.938	241.4312	101.9131	72.938
	-0.0012	-0.0018	-0.0019	-0.0007	0.000				
4008ex	0.0000	200.0000	98.6877	301.3154	105.423	105.423	400.0000	98.6861	105.423
	-0.0000	-0.0006	-0.0016	-0.0004	-0.000				
4008ex	0.0000	200.0003	98.6875	301.3152	105.423	105.422	0.0002	98.6862	105.423
	0.0002	-0.0004	-0.0014	-0.0002	-0.000				

4007 241.4325 41.4303 101.9149 298.0888 72.938 72.938 241.4314 101.9130 72.938
-0.0011 -0.0017 -0.0019 -0.0007 -0.000

4007 241.4327 41.4306 101.9147 298.0886 72.938 72.938 241.4317 101.9131 72.938
-0.0010 -0.0016 -0.0016 -0.0004 0.000

4008centr 399.9505 199.9496 98.8543 301.1485 103.904 103.907 399.9501 98.8529 103.905
-0.0005 -0.0011 -0.0014 -0.0002 0.001

Stanovisko: 4007

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
Kol	V Kol	Index	V Index	V D					
548	0.0000	199.9938	98.1874	301.8150	72.937	72.937	399.9969	98.1862	72.937
	-0.0031	-0.0037	-0.0012	0.0000	-0.000				
548	0.0000	199.9943	98.1883	301.8140	72.937	72.937	399.9971	98.1872	72.937
	-0.0029	-0.0035	-0.0011	0.0001	-0.000				
4006	218.3948	18.3944	102.2263	297.7721	104.305	104.305	218.3946	102.2271	104.305
	-0.0002	-0.0008	0.0008	0.0020	0.000				
4006	218.3909	18.3957	102.2283	297.7735	104.305	104.305	218.3933	102.2274	104.305
	0.0024	0.0018	-0.0009	0.0003	0.000				
548	0.0000	199.9960	98.1862	301.8141	72.937	72.937	399.9980	98.1860	72.937
	-0.0020	-0.0026	-0.0001	0.0011	-0.000				
548	0.0000	199.9955	98.1867	301.8141	72.937	72.937	399.9977	98.1863	72.937
	-0.0023	-0.0029	-0.0004	0.0008	0.000				
4006	218.3961	18.3966	102.2276	297.7747	104.305	104.306	218.3964	102.2264	104.305
	0.0002	-0.0004	-0.0011	0.0001	0.000				
4006	218.3960	18.3965	102.2275	297.7742	104.305	104.305	218.3962	102.2267	104.305
	0.0002	-0.0004	-0.0008	0.0004	-0.000				
548	0.0000	199.9981	98.1865	301.8140	72.937	72.938	399.9991	98.1863	72.938
	-0.0009	-0.0015	-0.0002	0.0010	0.000				
548	0.0000	199.9967	98.1870	301.8139	72.937	72.937	399.9983	98.1865	72.937
	-0.0017	-0.0023	-0.0004	0.0008	0.000				
4006	218.3963	18.3983	102.2271	297.7741	104.305	104.305	218.3973	102.2265	104.305
	0.0010	0.0004	-0.0006	0.0006	0.000				
4006	218.3963	18.3972	102.2274	297.7738	104.305	104.305	218.3967	102.2268	104.305
	0.0004	-0.0002	-0.0006	0.0006	0.000				

Stanovisko: 4006

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
Kol	V Kol	Index	V Index	V D					
4007	0.0000	199.9988	97.8465	302.1543	104.305	104.305	399.9994	97.8461	104.305
	-0.0006	-0.0012	-0.0004	0.0008	-0.000				
4007	0.0000	199.9981	97.8464	302.1549	104.305	104.305	399.9990	97.8458	104.305
	-0.0010	-0.0016	-0.0007	0.0005	-0.000				
545	171.5984	371.5970	101.5170	298.4851	146.996	146.995	171.5977	101.5159	146.995
	-0.0007	-0.0013	-0.0010	0.0002	-0.000				
545	171.5987	371.5967	101.5174	298.4856	146.995	146.995	171.5977	101.5159	146.995
	-0.0010	-0.0016	-0.0015	-0.0003	-0.000				

4007 0.0000 199.9993 97.8475 302.1547 104.305 104.305 399.9996 97.8464 104.305
-0.0004 -0.0010 -0.0011 0.0001 -0.000

4007 0.0000 200.0004 97.8477 302.1546 104.306 104.305 0.0002 97.8465 104.305
0.0002 -0.0004 -0.0011 0.0001 -0.000

545 171.5979 371.5970 101.5187 298.4841 146.995 146.996 171.5975 101.5173 146.996
-0.0004 -0.0010 -0.0014 -0.0002 0.000

545 171.5980 371.5981 101.5180 298.4819 146.995 146.996 171.5981 101.5180 146.995
0.0000 -0.0006 0.0000 0.0012 0.000

4007 0.0000 199.9991 97.8476 302.1558 104.305 104.305 399.9995 97.8459 104.305
-0.0005 -0.0011 -0.0017 -0.0005 -0.000

4007 0.0000 199.9994 97.8462 302.1559 104.305 104.305 399.9997 97.8451 104.305
-0.0003 -0.0009 -0.0010 0.0002 -0.000

545 171.5996 371.5987 101.5199 298.4846 146.995 146.996 171.5991 101.5176 146.995
-0.0005 -0.0011 -0.0022 -0.0010 0.000

545 171.5997 371.5981 101.5186 298.4856 146.995 146.996 171.5989 101.5165 146.996
-0.0008 -0.0014 -0.0021 -0.0009 0.000

Stanovisko: 545

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
	Kol	V Kol	Index	V Index	V D				

4006	0.0000	200.0017	98.5365	301.4639	146.996	146.995	0.0009	98.5363	146.995
	0.0009	0.0003	-0.0002	0.0010	-0.000				
4006	0.0000	200.0006	98.5372	301.4640	146.996	146.996	0.0003	98.5366	146.996
	0.0003	-0.0003	-0.0006	0.0006	-0.000				
4005	195.2665	395.2623	101.7209	298.2824	143.888	143.888	195.2644	101.7193	143.888
	-0.0021	-0.0027	-0.0017	-0.0005	0.000				
4005	195.2662	395.2612	101.7212	298.2831	143.887	143.888	195.2637	101.7190	143.888
	-0.0025	-0.0031	-0.0022	-0.0010	0.000				
4006	0.0000	200.0004	98.5372	301.4636	146.996	146.995	0.0002	98.5368	146.995
	0.0002	-0.0004	-0.0004	0.0008	-0.000				
4006	0.0000	200.0009	98.5370	301.4642	146.995	146.995	0.0004	98.5364	146.995
	0.0004	-0.0002	-0.0006	0.0006	0.000				
4005	195.2654	395.2625	101.7217	298.2810	143.887	143.888	195.2639	101.7203	143.887
	-0.0015	-0.0021	-0.0013	-0.0001	0.000				
4005	195.2653	395.2622	101.7219	298.2806	143.887	143.888	195.2638	101.7206	143.887
	-0.0015	-0.0021	-0.0013	-0.0001	0.000				
4006	0.0000	200.0017	98.5381	301.4641	146.995	146.995	0.0008	98.5370	146.995
	0.0008	0.0002	-0.0011	0.0001	0.000				
4006	0.0000	200.0005	98.5386	301.4637	146.996	146.995	0.0003	98.5374	146.995
	0.0003	-0.0003	-0.0012	0.0000	-0.000				
4005	195.2655	395.2623	101.7222	298.2812	143.887	143.888	195.2639	101.7205	143.888
	-0.0016	-0.0022	-0.0017	-0.0005	0.000				
4005	195.2647	395.2615	101.7206	298.2800	143.888	143.888	195.2631	101.7203	143.888
	-0.0016	-0.0022	-0.0003	0.0009	0.000				

Stanovisko: 4005

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
Kol	V Kol	Index	V Index	V D					
545	0.0000	199.9984	98.3345	301.6649	143.887	143.888	399.9992	98.3348	143.888
	-0.0008	-0.0014	0.0003	0.0015	0.000				
545	0.0000	199.9983	98.3359	301.6651	143.888	143.888	399.9991	98.3354	143.888
	-0.0009	-0.0015	-0.0005	0.0007	0.000				
4004	214.7542	14.7531	101.3096	298.6922	146.947	146.947	214.7536	101.3087	146.947
	-0.0005	-0.0011	-0.0009	0.0003	-0.000				
4004	214.7542	14.7531	101.3100	298.6921	146.947	146.947	214.7536	101.3089	146.947
	-0.0005	-0.0011	-0.0010	0.0002	0.000				
545	0.0000	199.9978	98.3377	301.6686	143.888	143.887	399.9989	98.3346	143.888
	-0.0011	-0.0017	-0.0031	-0.0019	-0.000				
545	0.0000	199.9975	98.3375	301.6683	143.888	143.887	399.9988	98.3346	143.888
	-0.0012	-0.0018	-0.0029	-0.0017	-0.000				
4004	214.7535	14.7533	101.3110	298.6924	146.947	146.947	214.7534	101.3093	146.947
	-0.0001	-0.0007	-0.0017	-0.0005	-0.000				
4004	214.7537	14.7533	101.3108	298.6927	146.947	146.947	214.7535	101.3090	146.947
	-0.0002	-0.0008	-0.0017	-0.0005	0.000				
545	0.0000	199.9981	98.3344	301.6687	143.887	143.888	399.9991	98.3329	143.888
	-0.0009	-0.0015	-0.0015	-0.0003	0.000				
545	0.0000	199.9983	98.3349	301.6683	143.888	143.888	399.9992	98.3333	143.888
	-0.0008	-0.0014	-0.0016	-0.0004	0.000				
4004	214.7544	14.7537	101.3100	298.6939	146.947	146.947	214.7540	101.3081	146.947
	-0.0004	-0.0010	-0.0019	-0.0007	0.000				
4004	214.7544	14.7543	101.3093	298.6936	146.947	146.948	214.7544	101.3079	146.947
	-0.0001	-0.0007	-0.0015	-0.0003	0.000				

Stanovisko: 4004

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
Kol	V Kol	Index	V Index	V D					
4005	0.0000	199.9993	98.7445	301.2573	146.947	146.947	399.9997	98.7436	146.947
	-0.0003	-0.0009	-0.0009	0.0003	-0.000				
4005	0.0000	199.9991	98.7447	301.2576	146.947	146.947	399.9995	98.7435	146.947
	-0.0005	-0.0011	-0.0012	0.0000	-0.000				
542	187.7823	387.7808	99.6537	300.3488	121.842	121.843	187.7816	99.6524	121.842
	-0.0007	-0.0013	-0.0012	-0.0000	0.000				
542	187.7830	387.7812	99.6536	300.3485	121.842	121.842	187.7821	99.6526	121.842
	-0.0009	-0.0015	-0.0010	0.0002	-0.000				
4005	0.0000	199.9989	98.7448	301.2577	146.947	146.947	399.9995	98.7435	146.947
	-0.0005	-0.0011	-0.0013	-0.0001	-0.000				
4005	0.0000	199.9989	98.7448	301.2579	146.947	146.947	399.9995	98.7435	146.947
	-0.0005	-0.0011	-0.0013	-0.0001	0.000				
542	187.7819	387.7806	99.6534	300.3483	121.842	121.842	187.7813	99.6525	121.842
	-0.0006	-0.0012	-0.0009	0.0003	-0.000				
542	187.7819	387.7796	99.6533	300.3486	121.843	121.842	187.7808	99.6524	121.842
	-0.0012	-0.0018	-0.0009	0.0003	-0.000				
4005	0.0000	199.9995	98.7450	301.2578	146.947	146.947	399.9998	98.7436	146.947

-0.0002 -0.0008 -0.0014 -0.0002 -0.000

4005 0.0000 199.9992 98.7442 301.2577 146.947 146.947 399.9996 98.7432 146.947
-0.0004 -0.0010 -0.0010 0.0002 -0.000

542 187.7824 387.7810 99.6536 300.3488 121.842 121.842 187.7817 99.6524 121.842
-0.0007 -0.0013 -0.0012 -0.0000 0.000

542 187.7825 387.7811 99.6537 300.3496 121.842 121.843 187.7818 99.6521 121.842
-0.0007 -0.0013 -0.0016 -0.0004 0.000

Stanovisko: 542

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
Kol	V Kol	Index	V Index	V D					
4004	0.0000	199.9980	100.4079	299.5941	121.842	121.843	399.9990	100.4069	121.842
	-0.0010	-0.0016	-0.0010	0.0002	0.000				
4004	0.0000	199.9980	100.4088	299.5940	121.842	121.842	399.9990	100.4074	121.842
	-0.0010	-0.0016	-0.0014	-0.0002	-0.000				
541	155.0803	355.0781	102.8547	297.1480	105.216	105.216	155.0792	102.8534	105.216
	-0.0011	-0.0017	-0.0014	-0.0002	0.000				
541	155.0800	355.0782	102.8541	297.1480	105.216	105.216	155.0791	102.8531	105.216
	-0.0009	-0.0015	-0.0010	0.0002	0.000				
4004	0.0000	199.9993	100.4083	299.5933	121.842	121.842	399.9997	100.4075	121.842
	-0.0003	-0.0009	-0.0008	0.0004	0.000				
4004	0.0000	199.9988	100.4083	299.5935	121.842	121.843	399.9994	100.4074	121.842
	-0.0006	-0.0012	-0.0009	0.0003	0.000				
541	155.0811	355.0790	102.8542	297.1479	105.216	105.216	155.0801	102.8532	105.216
	-0.0010	-0.0016	-0.0010	0.0002	0.000				
541	155.0811	355.0790	102.8543	297.1478	105.216	105.216	155.0801	102.8533	105.216
	-0.0010	-0.0016	-0.0011	0.0001	0.000				
4004	0.0000	199.9995	100.4082	299.5937	121.842	121.843	399.9998	100.4072	121.842
	-0.0002	-0.0008	-0.0009	0.0003	0.000				
4004	0.0000	199.9990	100.4085	299.5932	121.842	121.842	399.9995	100.4076	121.842
	-0.0005	-0.0011	-0.0008	0.0004	0.000				
541	155.0806	355.0784	102.8542	297.1475	105.216	105.216	155.0795	102.8533	105.216
	-0.0011	-0.0017	-0.0009	0.0003	-0.000				
541	155.0806	355.0786	102.8545	297.1479	105.216	105.216	155.0796	102.8533	105.216
	-0.0010	-0.0016	-0.0012	0.0000	-0.000				

Stanovisko: 541

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
Kol	V Kol	Index	V Index	V D					
542	0.0000	199.9993	97.2192	302.7830	105.216	105.216	399.9997	97.2181	105.216
	-0.0003	-0.0009	-0.0011	0.0001	-0.000				
542	0.0000	199.9993	97.2192	302.7831	105.216	105.216	399.9997	97.2180	105.216
	-0.0003	-0.0009	-0.0011	0.0001	0.000				
311	158.6550	358.6543	102.1614	297.8413	138.641	138.641	158.6546	102.1600	138.641
	-0.0004	-0.0010	-0.0014	-0.0002	0.000				
311	158.6549	358.6543	102.1615	297.8414	138.641	138.641	158.6546	102.1600	138.641

-0.0003 -0.0009 -0.0014 -0.0002 0.000

542 0.0000 199.9972 97.2197 302.7828 105.216 105.216 399.9986 97.2184 105.216
-0.0014 -0.0020 -0.0013 -0.0001 -0.000

542 0.0000 199.9968 97.2191 302.7825 105.216 105.216 399.9984 97.2183 105.216
-0.0016 -0.0022 -0.0008 0.0004 0.000

311 158.6526 358.6525 102.1617 297.8421 138.641 138.641 158.6526 102.1598 138.641
-0.0000 -0.0006 -0.0019 -0.0007 0.000

311 158.6531 358.6522 102.1616 297.8418 138.641 138.641 158.6526 102.1599 138.641
-0.0004 -0.0010 -0.0017 -0.0005 0.000

542 0.0000 199.9959 97.2194 302.7832 105.216 105.216 399.9980 97.2181 105.216
-0.0020 -0.0026 -0.0013 -0.0001 -0.000

542 0.0000 199.9956 97.2189 302.7832 105.216 105.216 399.9978 97.2179 105.216
-0.0022 -0.0028 -0.0011 0.0001 -0.000

311 158.6528 358.6517 102.1620 297.8408 138.641 138.641 158.6522 102.1606 138.641
-0.0006 -0.0012 -0.0014 -0.0002 0.000

311 158.6526 358.6512 102.1624 297.8400 138.641 138.641 158.6519 102.1612 138.641
-0.0007 -0.0013 -0.0012 0.0000 0.000

Stanovisko: 311

Cíl	Hz I	Hz II	Z I	Z II	D I	D II	Hz	Z	Délka
Kol	V Kol	Index	V Index	V D					
541	0.0000	199.9969	97.8961	302.1050	138.641	138.641	399.9984	97.8955	138.641
	-0.0016	-0.0022	-0.0005	0.0007	0.000				
541	0.0000	199.9972	97.8954	302.1047	138.641	138.641	399.9986	97.8954	138.641
	-0.0014	-0.0020	-0.0001	0.0011	0.000				
4003ex	203.5119	3.5116	101.3869	298.6158	128.904	128.904	203.5117	101.3856	128.904
	-0.0002	-0.0008	-0.0013	-0.0001	0.000				
4003ex	203.5123	3.5117	101.3873	298.6161	128.904	128.904	203.5120	101.3856	128.904
	-0.0003	-0.0009	-0.0017	-0.0005	0.000				
541	0.0000	199.9992	97.8963	302.1051	138.641	138.641	399.9996	97.8956	138.641
	-0.0004	-0.0010	-0.0007	0.0005	-0.000				
541	0.0000	199.9996	97.8969	302.1054	138.641	138.641	399.9998	97.8957	138.641
	-0.0002	-0.0008	-0.0012	0.0000	-0.000				
4003ex	203.5138	3.5128	101.3866	298.6152	128.904	128.904	203.5133	101.3857	128.904
	-0.0005	-0.0011	-0.0009	0.0003	0.000				
4003ex	203.5142	3.5130	101.3870	298.6151	128.904	128.904	203.5136	101.3860	128.904
	-0.0006	-0.0012	-0.0010	0.0002	-0.000				
541	0.0000	199.9981	97.8951	302.1052	138.641	138.641	399.9991	97.8949	138.641
	-0.0009	-0.0015	-0.0001	0.0011	0.000				
541	0.0000	199.9975	97.8950	302.1058	138.641	138.641	399.9987	97.8946	138.641
	-0.0013	-0.0019	-0.0004	0.0008	0.000				
4003ex	203.5130	3.5122	101.3862	298.6139	128.904	128.904	203.5126	101.3861	128.904
	-0.0004	-0.0010	-0.0001	0.0011	0.000				
4003ex	203.5130	3.5121	101.3871	298.6141	128.904	128.904	203.5125	101.3865	128.904
	-0.0005	-0.0011	-0.0006	0.0006	0.000				
4003centr	203.3560	3.3575	101.2016	298.8013	127.101	127.099	203.3567	101.2002	127.100
	0.0008	0.0002	-0.0014	-0.0002	-0.001				

STATISTIKA:

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Vodorovné směry:

Počet vyhovujících směrů : 172
Počet podezřelých směrů : 0
Počet chybných směrů : 0
Odhad kolimační chyby : -0.0006g
Nastavená kolimační chyba : 0.0006g
Oprava kolimační chyby : -0.0012g

Zenitové úhly:

Počet vyhovujících zenitových úhlů : 172
Počet podezřelých zenitových úhlů : 0
Počet chybných zenitových úhlů : 0
Odhad indexové chyby : -0.0011g
Nastavená indexová chyba : -0.0012g
Oprava indexové chyby : 0.0001g

Délky:

Počet opravených délek : 172
Počet podezřelých délek : 0
Počet chybných délek : 0

REDUKCE VODOROVNÝCH SMĚRŮ

=====

Stanovisko : 552

Počáteční směr: 372.7121g

Cíl Hz měř. Hz red.

4010 372.7121 0.0000
4010 372.7119 399.9997
553 149.7814 177.0693
553 149.7815 177.0694
4010 372.7120 399.9998
4010 372.7119 399.9997
553 149.7814 177.0693
553 149.7816 177.0695
4010 372.7120 399.9999
4010 372.7121 400.0000
553 149.7817 177.0695
553 149.7816 177.0695

Stanovisko : 4010

Počáteční směr: 399.9991g

Cíl Hz měř. Hz red.

552 399.9991 0.0000
552 399.9990 399.9999
4009 234.8448 234.8457
4009 234.8446 234.8455
552 399.9996 0.0005
552 399.9994 0.0003
4009 234.8452 234.8461
4009 234.8454 234.8463
552 399.9994 0.0002
552 399.9995 0.0004
4009 234.8464 234.8473
4009 234.8467 234.8476

Stanovisko : 4009

Počáteční směr: 0.0001g

Cíl Hz měř. Hz red.

4010 0.0001 0.0000
4010 0.0003 0.0003
549 212.0303 212.0302
549 212.0299 212.0299
4010 399.9999 399.9998
4010 399.9996 399.9996
549 212.0298 212.0298
549 212.0302 212.0301
4010 0.0009 0.0009
4010 0.0004 0.0003
549 212.0301 212.0301
549 212.0302 212.0302

Stanovisko : 549

Počáteční směr: 399.9997g

Cíl Hz měř. Hz red.

4009 399.9997 0.0000
4009 399.9995 399.9999
4008 248.9205 248.9208
4008 248.9208 248.9211
4009 399.9998 0.0001
4009 399.9997 0.0001
4008 248.9212 248.9215
4008 248.9214 248.9217
4009 399.9997 400.0000
4009 399.9997 0.0000
4008 248.9210 248.9213
4008 248.9209 248.9212
4008centr 249.5136 249.5139

Stanovisko : 4008ex

Počáteční směr: 0.0003g

Cíl Hz měř. Hz red.

549 0.0003 0.0000
549 0.0002 399.9998
548 239.6889 239.6886
548 239.6893 239.6890
549 399.9998 399.9995
549 399.9996 399.9993
548 239.6875 239.6872
548 239.6877 239.6874
549 399.9992 399.9989
549 399.9994 399.9991
548 239.6880 239.6876
548 239.6878 239.6875
4008centr 243.5248 243.5244
4008centr 243.5565 243.5562

Stanovisko : 548

Počáteční směr: 399.9993g

Cíl Hz měř. Hz red.

4008ex 399.9993 0.0000
4008ex 399.9996 0.0002
4007 241.4306 241.4312
4007 241.4305 241.4312
4008ex 400.0000 0.0006
4008ex 400.0000 0.0006
4007 241.4314 241.4321
4007 241.4312 241.4319
4008ex 400.0000 0.0007
4008ex 0.0002 0.0009
4007 241.4314 241.4321
4007 241.4317 241.4323

4008centr 399.9501 399.9508
4008centr 399.9515 399.9522

Stanovisko : 4007
Počáteční směr: 399.9969g
Cíl Hz měř. Hz red.

548 399.9969 0.0000
548 399.9971 0.0003
4006 218.3946 218.3977
4006 218.3933 218.3964
548 399.9980 0.0011
548 399.9977 0.0009
4006 218.3964 218.3995
4006 218.3962 218.3993
548 399.9991 0.0022
548 399.9983 0.0015
4006 218.3973 218.4004
4006 218.3967 218.3999

Stanovisko : 4006
Počáteční směr: 399.9994g
Cíl Hz měř. Hz red.

4007 399.9994 0.0000
4007 399.9990 399.9997
545 171.5977 171.5983
545 171.5977 171.5983
4007 399.9996 0.0003
4007 0.0002 0.0008
545 171.5975 171.5981
545 171.5981 171.5987
4007 399.9995 0.0002
4007 399.9997 0.0003
545 171.5991 171.5997
545 171.5989 171.5995

Stanovisko : 545
Počáteční směr: 0.0009g
Cíl Hz měř. Hz red.

4006 0.0009 0.0000
4006 0.0003 399.9994
4005 195.2644 195.2636
4005 195.2637 195.2629
4006 0.0002 399.9994
4006 0.0004 399.9996
4005 195.2639 195.2631
4005 195.2638 195.2629
4006 0.0008 400.0000
4006 0.0003 399.9994
4005 195.2639 195.2630
4005 195.2631 195.2622

Stanovisko : 4005
Počáteční směr: 399.9992g
Cíl Hz měř. Hz red.

545 399.9992 0.0000
545 399.9991 399.9999
4004 214.7536 214.7544
4004 214.7536 214.7544
545 399.9989 399.9997
545 399.9988 399.9995
4004 214.7534 214.7542
4004 214.7535 214.7543
545 399.9991 399.9999

545 399.9992 400.0000
4004 214.7540 214.7548
4004 214.7544 214.7552

Stanovisko : 4004
Počáteční směr: 399.9997g
Cíl Hz měř. Hz red.

4005 399.9997 0.0000
4005 399.9995 399.9999
542 187.7816 187.7819
542 187.7821 187.7824
4005 399.9995 399.9998
4005 399.9995 399.9998
542 187.7813 187.7816
542 187.7808 187.7811
4005 399.9998 0.0001
4005 399.9996 399.9999
542 187.7817 187.7820
542 187.7818 187.7821

Stanovisko : 542
Počáteční směr: 399.9990g
Cíl Hz měř. Hz red.

4004 399.9990 0.0000
4004 399.9990 0.0000
541 155.0792 155.0803
541 155.0791 155.0801
4004 399.9997 0.0007
4004 399.9994 0.0004
541 155.0801 155.0811
541 155.0801 155.0811
4004 399.9998 0.0008
4004 399.9995 0.0005
541 155.0795 155.0805
541 155.0796 155.0806

Stanovisko : 541
Počáteční směr: 399.9997g
Cíl Hz měř. Hz red.

542 399.9997 0.0000
542 399.9997 0.0000
311 158.6546 158.6550
311 158.6546 158.6549
542 399.9986 399.9989
542 399.9984 399.9988
311 158.6526 158.6529
311 158.6526 158.6530
542 399.9980 399.9983
542 399.9978 399.9982
311 158.6522 158.6526
311 158.6519 158.6522

Stanovisko : 311
Počáteční směr: 399.9984g
Cíl Hz měř. Hz red.

541 399.9984 0.0000
541 399.9986 0.0002
4003ex 203.5117 203.5133
4003ex 203.5120 203.5135
541 399.9996 0.0011
541 399.9998 0.0014
4003ex 203.5133 203.5149
4003ex 203.5136 203.5151

541 399.9991 0.0006
 541 399.9987 0.0003
 4003ex 203.5126 203.5142
 4003ex 203.5125 203.5141
 4003centr 203.3567 203.3583
 OPRAVA INDEXOVÉ CHYBY
 =====

Opravený soubor : C:\Users\václav\Documents\CVUT\Bakalářská práce\1004_LITAN_Integral\06_zhusteni_ZP\04_uprava
 sdr\1016_polygon_2_cast_zpracovany.mes

Nastavený teodolit: Neznámý teodolit

Indexová chyba : 0.0012g

VÝPOČET PŘEVÝŠENÍ
 =====

Vypočteno položek: 174

Vynecháno položek: 0

ZPRACOVÁNÍ OPAKOVANÝCH MĚŘENÍ
 =====

?: Podezřelé měření:

oprava vodorovného směru > 0.2000g,
 oprava indexového úhlu > 0.0300g,
 oprava délky a převýšení > 0.100m

x: Chybné měření:

oprava vodorovného směru > 0.5000g,
 oprava indexového úhlu > 0.0700g,
 oprava délky a převýšení > 0.200m

Stanovisko: 552

Cíl : 4010

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	0.0000	2	-0.0001	101.3516	1	0.0003	131.452	2	0.000	-2.791	1	-0.001
2	399.9997	2	0.0001	101.3532	1	-0.0012	131.453	2	-0.000	-2.795	1	0.002
3	399.9998	2	0.0000	101.3517	1	0.0003	131.452	2	0.000	-2.791	1	-0.001
4	399.9997	2	0.0001	101.3517	1	0.0003	131.452	2	0.000	-2.791	1	-0.001
5	399.9999	2	-0.0000	101.3516	1	0.0004	131.453	2	-0.000	-2.791	1	-0.001
6	400.0000	2	-0.0001	101.3521	1	-0.0001	131.453	2	-0.000	-2.792	1	0.000
Průměr:			399.9999		101.3520		131.453			-2.792		

Stanovisko: 552

Cíl : 553

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	177.0693	2	0.0001	98.5168	1	0.0002	94.713	2	0.000	2.207	1	-0.000
2	177.0694	2	0.0000	98.5168	1	0.0003	94.713	2	0.000	2.207	1	-0.000
3	177.0693	2	0.0001	98.5171	1	-0.0000	94.713	2	0.000	2.207	1	0.000
4	177.0695	2	-0.0001	98.5171	1	-0.0000	94.713	2	0.000	2.207	1	0.000
5	177.0695	2	-0.0001	98.5173	1	-0.0003	94.713	2	-0.000	2.206	1	0.000
6	177.0695	2	-0.0001	98.5172	1	-0.0002	94.713	2	-0.000	2.206	1	0.000
Průměr:			177.0694		98.5170		94.713			2.207		

Stanovisko: 4010

Cíl : 552

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	0.0000	2	0.0002	98.7018	1	0.0006	131.452	2	0.000	2.681	1	-0.001
2	399.9999	2	0.0003	98.7021	1	0.0003	131.452	2	0.000	2.680	1	-0.001
3	0.0005	2	-0.0003	98.7024	1	-0.0000	131.452	2	0.000	2.680	1	0.000
4	0.0003	2	-0.0000	98.7032	1	-0.0008	131.453	2	-0.000	2.678	1	0.002
5	0.0002	2	-0.0000	98.7024	1	0.0000	131.453	2	-0.000	2.680	1	-0.000
6	0.0004	2	-0.0001	98.7025	1	-0.0001	131.452	2	-0.000	2.680	1	0.000

Průměr: 0.0002 98.7024 131.452 2.680

Stanovisko: 4010

Cíl : 4009

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	234.8457	2	0.0007	101.7564	1	-0.0003	152.283	2	-0.000	-4.202	1	0.001
2	234.8455	2	0.0009	101.7560	1	0.0001	152.282	2	0.000	-4.201	1	-0.000
3	234.8461	2	0.0003	101.7555	1	0.0006	152.283	2	-0.000	-4.200	1	-0.001
4	234.8463	2	0.0002	101.7557	1	0.0003	152.282	2	0.000	-4.201	1	-0.001
5	234.8473	2	-0.0009	101.7564	1	-0.0003	152.282	2	0.000	-4.202	1	0.001
6	234.8476	2	-0.0012	101.7564	1	-0.0004	152.282	2	0.000	-4.203	1	0.001

Průměr: 234.8464 101.7561 152.283 -4.202

Stanovisko: 4009

Cíl : 4010

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	0.0000	2	0.0001	98.2865	1	-0.0007	152.282	2	0.000	4.100	1	0.002
2	0.0003	2	-0.0001	98.2860	1	-0.0002	152.282	2	-0.000	4.101	1	0.000
3	399.9998	2	0.0003	98.2856	1	0.0002	152.282	2	0.000	4.102	1	-0.000
4	399.9996	2	0.0006	98.2857	1	0.0001	152.282	2	0.000	4.102	1	-0.000
5	0.0009	2	-0.0007	98.2852	1	0.0006	152.282	2	-0.000	4.103	1	-0.001
6	0.0003	2	-0.0002	98.2857	1	0.0001	152.282	2	-0.000	4.102	1	-0.000

Průměr: 0.0001 98.2858 152.282 4.102

Stanovisko: 4009

Cíl : 549

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	212.0302	2	-0.0002	101.3945	1	-0.0004	125.401	2	-0.000	-2.747	1	0.001
2	212.0299	2	0.0002	101.3949	1	-0.0008	125.401	2	0.000	-2.748	1	0.002
3	212.0298	2	0.0003	101.3942	1	-0.0001	125.401	2	-0.000	-2.747	1	0.000
4	212.0301	2	-0.0001	101.3937	1	0.0004	125.401	2	0.000	-2.746	1	-0.001
5	212.0301	2	-0.0001	101.3938	1	0.0003	125.401	2	-0.000	-2.746	1	-0.001
6	212.0302	2	-0.0002	101.3935	1	0.0006	125.401	2	-0.000	-2.745	1	-0.001

Průměr: 212.0300 101.3941 125.401 -2.747

Stanovisko: 549

Cíl : 4009

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	0.0000	2	0.0000	98.6608	1	-0.0001	125.400	2	0.000	2.638	1	0.000
2	399.9999	2	0.0001	98.6608	1	-0.0001	125.400	2	-0.000	2.638	1	0.000
3	0.0001	2	-0.0001	98.6609	1	-0.0002	125.400	2	-0.000	2.638	1	0.000
4	0.0001	2	-0.0000	98.6607	1	-0.0000	125.399	2	0.000	2.638	1	0.000
5	400.0000	2	0.0000	98.6605	1	0.0002	125.399	2	0.000	2.639	1	-0.000
6	0.0000	2	-0.0000	98.6603	1	0.0004	125.400	2	-0.000	2.639	1	-0.001

Průměr: 0.0000 98.6607 125.400 2.639

Stanovisko: 549

Cíl : 4008

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	248.9208	2	0.0005	101.3635	1	-0.0002	102.238	2	0.000	-2.190	1	0.000
2	248.9211	2	0.0001	101.3633	1	-0.0000	102.238	2	0.000	-2.190	1	0.000
3	248.9215	2	-0.0002	101.3633	1	-0.0000	102.238	2	-0.000	-2.190	1	0.000
4	248.9217	2	-0.0004	101.3631	1	0.0002	102.238	2	0.000	-2.189	1	-0.000
5	248.9213	2	-0.0001	101.3633	1	-0.0000	102.238	2	0.000	-2.190	1	0.000
6	248.9212	2	0.0001	101.3632	1	0.0001	102.238	2	-0.000	-2.190	1	-0.000

Průměr: 248.9213 101.3633 102.238 -2.190

Stanovisko: 4008ex

Cíl : 549

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH
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1	0.0000	2	-0.0006	98.7066	1	0.0004	102.238	2	0.000	2.077	1	-0.001
2	399.9998	2	-0.0004	98.7069	1	0.0000	102.238	2	0.000	2.077	1	-0.000
3	399.9995	2	-0.0000	98.7068	1	0.0001	102.238	2	0.000	2.077	1	-0.000
4	399.9993	2	0.0002	98.7070	1	-0.0000	102.238	2	-0.000	2.077	1	0.000
5	399.9989	2	0.0005	98.7070	1	-0.0001	102.238	2	-0.000	2.077	1	0.000
6	399.9991	2	0.0004	98.7073	1	-0.0004	102.238	2	-0.000	2.076	1	0.001

Průměr: 399.9994 98.7069 102.238 2.077

Stanovisko: 4008ex

Cíl : 548

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	239.6886	2	-0.0007	101.3820	1	-0.0001	105.423	2	0.000	-2.289	1	0.000
2	239.6890	2	-0.0011	101.3819	1	0.0000	105.423	2	-0.000	-2.289	1	-0.000
3	239.6872	2	0.0007	101.3824	1	-0.0005	105.423	2	0.000	-2.290	1	0.001
4	239.6874	2	0.0005	101.3821	1	-0.0002	105.423	2	-0.000	-2.289	1	0.000
5	239.6876	2	0.0002	101.3818	1	0.0001	105.423	2	0.000	-2.289	1	-0.000
6	239.6875	2	0.0004	101.3814	1	0.0006	105.423	2	0.000	-2.288	1	-0.001

Průměr: 239.6879 101.3819 105.423 -2.289

Stanovisko: 4008ex

Cíl : 4008centr

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	243.5244	2	0.0106	114.6959	1	-0.0261	1.525	2	0.002	-0.358	1	0.000
2	243.5562	1	-0.0212	114.6436	1	0.0261	1.529	1	-0.003	-0.358	1	-0.000

Průměr: 243.5350 114.6698 1.526 -0.358

Stanovisko: 548

Cíl : 4008ex

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	0.0000	2	0.0005	98.6867	1	-0.0004	105.423	2	0.000	2.175	1	0.001
2	0.0002	2	0.0003	98.6868	1	-0.0004	105.422	2	0.000	2.175	1	0.001
3	0.0006	2	-0.0001	98.6863	1	0.0001	105.423	2	-0.000	2.176	1	-0.000
4	0.0006	2	-0.0001	98.6860	1	0.0003	105.423	2	0.000	2.176	1	-0.001
5	0.0007	2	-0.0002	98.6861	1	0.0002	105.423	2	-0.000	2.176	1	-0.000
6	0.0009	2	-0.0003	98.6862	1	0.0002	105.423	2	-0.000	2.176	1	-0.000

Průměr: 0.0005 98.6864 105.423 2.176

Stanovisko: 548

Cíl : 4007

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	241.4312	2	0.0006	101.9123	1	0.0006	72.938	2	0.000	-2.192	1	-0.001
2	241.4312	2	0.0006	101.9126	1	0.0002	72.938	2	0.000	-2.192	1	-0.000
3	241.4321	2	-0.0003	101.9131	1	-0.0002	72.938	2	-0.000	-2.193	1	0.000
4	241.4319	2	-0.0001	101.9131	1	-0.0003	72.938	2	0.000	-2.193	1	0.000
5	241.4321	2	-0.0003	101.9130	1	-0.0001	72.938	2	0.000	-2.192	1	0.000
6	241.4323	2	-0.0005	101.9131	1	-0.0002	72.938	2	-0.000	-2.192	1	0.000

Průměr: 241.4318 101.9129 72.938 -2.192

Stanovisko: 548

Cíl : 4008centr

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	399.9508	2	0.0005	98.8529	1	0.0001	103.905	2	-0.001	1.872	1	-0.000
2	399.9522	1	-0.0009	98.8532	1	-0.0001	103.903	1	0.002	1.872	1	0.000

Průměr: 399.9512 98.8530 103.905 1.872

Stanovisko: 4007

Cíl : 548

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
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1	0.0000	2	0.0010	98.1862	1	0.0002	72.937	2	0.000	2.079	1	-0.000
2	0.0003	2	0.0007	98.1872	1	-0.0007	72.937	2	-0.000	2.078	1	0.001
3	0.0011	2	-0.0001	98.1860	1	0.0004	72.937	2	0.000	2.079	1	-0.000
4	0.0009	2	0.0001	98.1863	1	0.0001	72.937	2	0.000	2.079	1	-0.000
5	0.0022	2	-0.0012	98.1863	1	0.0001	72.938	2	-0.000	2.079	1	-0.000
6	0.0015	2	-0.0005	98.1865	1	-0.0001	72.937	2	-0.000	2.078	1	0.000

Průměr: 0.0010 98.1864 72.937 2.078

Stanovisko: 4007

Cíl : 4006

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	218.3977	2	0.0012	102.2271	1	-0.0003	104.305	2	0.000	-3.650	1	0.000
2	218.3964	2	0.0025	102.2274	1	-0.0006	104.305	2	-0.000	-3.651	1	0.001
3	218.3995	2	-0.0006	102.2264	1	0.0004	104.305	2	-0.000	-3.649	1	-0.001
4	218.3993	2	-0.0005	102.2267	1	0.0001	104.305	2	0.000	-3.650	1	-0.000
5	218.4004	2	-0.0016	102.2265	1	0.0003	104.305	2	-0.000	-3.649	1	-0.000
6	218.3999	2	-0.0010	102.2268	1	0.0000	104.305	2	0.000	-3.650	1	-0.000

Průměr: 218.3989 102.2268 104.305 -3.650

Stanovisko: 4006

Cíl : 4007

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	0.0000	2	0.0002	97.8461	1	-0.0001	104.305	2	-0.000	3.530	1	0.000
2	399.9997	2	0.0005	97.8458	1	0.0002	104.305	2	0.000	3.531	1	-0.000
3	0.0003	2	-0.0001	97.8464	1	-0.0004	104.305	2	0.000	3.530	1	0.001
4	0.0008	2	-0.0006	97.8465	1	-0.0006	104.305	2	-0.000	3.530	1	0.001
5	0.0002	2	0.0001	97.8459	1	0.0001	104.305	2	0.000	3.531	1	-0.000
6	0.0003	2	-0.0001	97.8451	1	0.0008	104.305	2	0.000	3.532	1	-0.001

Průměr: 0.0002 97.8460 104.305 3.531

Stanovisko: 4006

Cíl : 545

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	171.5983	2	0.0005	101.5159	1	0.0009	146.995	2	-0.000	-3.501	1	-0.002
2	171.5983	2	0.0004	101.5159	1	0.0010	146.995	2	0.000	-3.501	1	-0.002
3	171.5981	2	0.0007	101.5173	1	-0.0005	146.996	2	-0.000	-3.504	1	0.001
4	171.5987	2	0.0001	101.5180	1	-0.0011	146.995	2	0.000	-3.506	1	0.003
5	171.5997	2	-0.0010	101.5176	1	-0.0008	146.995	2	0.000	-3.505	1	0.002
6	171.5995	2	-0.0008	101.5165	1	0.0004	146.996	2	-0.000	-3.502	1	-0.001

Průměr: 171.5988 101.5169 146.995 -3.503

Stanovisko: 545

Cíl : 4006

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	0.0000	2	-0.0004	98.5363	1	0.0005	146.995	2	-0.000	3.380	1	-0.001
2	399.9994	2	0.0002	98.5366	1	0.0001	146.996	2	-0.000	3.380	1	-0.000
3	399.9994	2	0.0003	98.5368	1	-0.0000	146.995	2	0.000	3.379	1	0.000
4	399.9996	2	0.0000	98.5364	1	0.0004	146.995	2	0.000	3.380	1	-0.001
5	400.0000	2	-0.0004	98.5370	1	-0.0003	146.995	2	-0.000	3.379	1	0.001
6	399.9994	2	0.0002	98.5374	1	-0.0007	146.995	2	0.000	3.378	1	0.002

Průměr: 399.9996 98.5367 146.995 3.379

Stanovisko: 545

Cíl : 4005

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	195.2636	2	-0.0006	101.7193	1	0.0007	143.888	2	-0.000	-3.887	1	-0.002
2	195.2629	2	0.0001	101.7190	1	0.0010	143.888	2	-0.000	-3.886	1	-0.002
3	195.2631	2	-0.0001	101.7203	1	-0.0003	143.887	2	0.000	-3.889	1	0.001
4	195.2629	2	0.0000	101.7206	1	-0.0006	143.887	2	0.000	-3.890	1	0.001
5	195.2630	2	-0.0001	101.7205	1	-0.0005	143.888	2	-0.000	-3.890	1	0.001
6	195.2622	2	0.0007	101.7203	1	-0.0003	143.888	2	-0.000	-3.889	1	0.001

Průměr: 195.2629 101.7200 143.888 -3.888

Stanovisko: 4005

Cíl : 545

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	0.0000	2	-0.0002	98.3348	1	-0.0006	143.888	2	-0.000	3.764	1	0.001
2	399.9999	2	-0.0001	98.3354	1	-0.0011	143.888	2	-0.000	3.763	1	0.003
3	399.9997	2	0.0001	98.3346	1	-0.0003	143.888	2	0.000	3.765	1	0.001
4	399.9995	2	0.0003	98.3346	1	-0.0003	143.888	2	0.000	3.765	1	0.001
5	399.9999	2	-0.0000	98.3329	1	0.0014	143.888	2	-0.000	3.769	1	-0.003
6	400.0000	2	-0.0001	98.3333	1	0.0009	143.888	2	0.000	3.768	1	-0.002

Průměr: 399.9998 98.3343 143.888 3.766

Stanovisko: 4005

Cíl : 4004

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	214.7544	2	0.0001	101.3087	1	-0.0001	146.947	2	0.000	-3.021	1	0.000
2	214.7544	2	0.0001	101.3089	1	-0.0003	146.947	2	0.000	-3.022	1	0.001
3	214.7542	2	0.0004	101.3093	1	-0.0007	146.947	2	-0.000	-3.023	1	0.002
4	214.7543	2	0.0003	101.3090	1	-0.0004	146.947	2	0.000	-3.022	1	0.001
5	214.7548	2	-0.0003	101.3081	1	0.0006	146.947	2	-0.000	-3.020	1	-0.001
6	214.7552	2	-0.0006	101.3079	1	0.0008	146.947	2	-0.000	-3.019	1	-0.002

Průměr: 214.7546 101.3087 146.947 -3.021

Stanovisko: 4004

Cíl : 4005

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	0.0000	2	-0.0001	98.7436	1	-0.0001	146.947	2	-0.000	2.900	1	0.000
2	399.9999	2	0.0000	98.7435	1	-0.0000	146.947	2	0.000	2.901	1	0.000
3	399.9998	2	0.0001	98.7435	1	-0.0000	146.947	2	-0.000	2.901	1	0.000
4	399.9998	2	0.0001	98.7435	1	0.0000	146.947	2	-0.000	2.901	1	-0.000
5	0.0001	2	-0.0002	98.7436	1	-0.0001	146.947	2	0.000	2.900	1	0.000
6	399.9999	2	-0.0000	98.7432	1	0.0003	146.947	2	0.000	2.901	1	-0.001

Průměr: 399.9999 98.7435 146.947 2.901

Stanovisko: 4004

Cíl : 542

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	187.7819	2	-0.0000	99.6524	1	-0.0000	121.842	2	0.000	0.665	1	0.000
2	187.7824	2	-0.0006	99.6526	1	-0.0002	121.842	2	0.000	0.665	1	0.000
3	187.7816	2	0.0003	99.6525	1	-0.0001	121.842	2	-0.000	0.665	1	0.000
4	187.7811	2	0.0008	99.6524	1	0.0000	121.842	2	-0.000	0.665	1	-0.000
5	187.7820	2	-0.0002	99.6524	1	-0.0000	121.842	2	0.000	0.665	1	0.000
6	187.7821	2	-0.0003	99.6521	1	0.0003	121.842	2	-0.000	0.666	1	-0.001

Průměr: 187.7819 99.6524 121.842 0.665

Stanovisko: 542

Cíl : 4004

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH	
1	0.0000	2	0.0004	100.4069	1	0.0004	121.842	2	-0.000	-0.779	1	-0.001
2	0.0000	2	0.0004	100.4074	1	-0.0000	121.842	2	0.000	-0.780	1	0.000
3	0.0007	2	-0.0003	100.4075	1	-0.0002	121.842	2	0.000	-0.780	1	0.000
4	0.0004	2	-0.0000	100.4074	1	-0.0001	121.842	2	-0.000	-0.780	1	0.000
5	0.0008	2	-0.0004	100.4072	1	0.0001	121.842	2	-0.000	-0.779	1	-0.000
6	0.0005	2	-0.0001	100.4076	1	-0.0003	121.842	2	0.000	-0.780	1	0.001

Průměr: 0.0004 100.4074 121.842 -0.780

Stanovisko: 542

Cíl : 541

Měření	Hz	váha	v Hz	Z váha	v Z	Délka	váha	v Délky	dH	váha	v dH
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1	155.0803	2	0.0004	102.8534	1	-0.0001	105.216	2	0.000	-4.719	1	0.000
2	155.0801	2	0.0005	102.8531	1	0.0002	105.216	2	-0.000	-4.719	1	-0.000
3	155.0811	2	-0.0005	102.8532	1	0.0001	105.216	2	-0.000	-4.719	1	-0.000
4	155.0811	2	-0.0004	102.8533	1	-0.0000	105.216	2	0.000	-4.719	1	0.000
5	155.0805	2	0.0001	102.8533	1	-0.0001	105.216	2	-0.000	-4.719	1	0.000
6	155.0806	2	-0.0000	102.8533	1	-0.0001	105.216	2	0.000	-4.719	1	0.000

Průměr:			155.0806	102.8532		105.216			-4.719			

Stanovisko: 541

Cíl : 542

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	0.0000	2	-0.0010	97.2181	1	0.0000	105.216	2	0.000	4.601	1	-0.000
2	0.0000	2	-0.0010	97.2180	1	0.0001	105.216	2	-0.000	4.601	1	-0.000
3	399.9989	2	0.0001	97.2184	1	-0.0003	105.216	2	-0.000	4.600	1	0.000
4	399.9988	2	0.0003	97.2183	1	-0.0001	105.216	2	0.000	4.600	1	0.000
5	399.9983	2	0.0007	97.2181	1	0.0000	105.216	2	0.000	4.601	1	-0.000
6	399.9982	2	0.0009	97.2179	1	0.0003	105.216	2	0.000	4.601	1	-0.000

Průměr:			399.9990	97.2181		105.216			4.601			

Stanovisko: 541

Cíl : 311

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	158.6550	2	-0.0015	102.1600	1	0.0002	138.641	2	0.000	-4.706	1	-0.001
2	158.6549	2	-0.0015	102.1600	1	0.0002	138.641	2	-0.000	-4.706	1	-0.000
3	158.6529	2	0.0005	102.1598	1	0.0005	138.641	2	0.000	-4.705	1	-0.001
4	158.6530	2	0.0005	102.1599	1	0.0004	138.641	2	0.000	-4.706	1	-0.001
5	158.6526	2	0.0008	102.1606	1	-0.0004	138.641	2	0.000	-4.707	1	0.001
6	158.6522	2	0.0012	102.1612	1	-0.0009	138.641	2	-0.000	-4.708	1	0.002

Průměr:			158.6534	102.1603		138.641			-4.706			

Stanovisko: 311

Cíl : 541

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	0.0000	2	0.0006	97.8955	1	-0.0002	138.641	2	-0.000	4.585	1	0.001
2	0.0002	2	0.0004	97.8954	1	-0.0001	138.641	2	-0.000	4.585	1	0.000
3	0.0011	2	-0.0005	97.8956	1	-0.0003	138.641	2	-0.000	4.585	1	0.001
4	0.0014	2	-0.0008	97.8957	1	-0.0004	138.641	2	-0.000	4.584	1	0.001
5	0.0006	2	-0.0000	97.8949	1	0.0004	138.641	2	0.000	4.586	1	-0.001
6	0.0003	2	0.0003	97.8946	1	0.0007	138.641	2	0.000	4.587	1	-0.002

Průměr:			0.0006	97.8953		138.641			4.585			

Stanovisko: 311

Cíl : 4003ex

Měření	Hz	váha	v Hz	Z	váha	v Z	Délka	váha	v Délky	dH	váha	v dH
1	203.5133	2	0.0009	101.3856	1	0.0003	128.904	2	-0.000	-2.806	1	-0.001
2	203.5135	2	0.0007	101.3856	1	0.0003	128.904	2	-0.000	-2.806	1	-0.001
3	203.5149	2	-0.0007	101.3857	1	0.0002	128.904	2	-0.000	-2.806	1	-0.000
4	203.5151	2	-0.0010	101.3860	1	-0.0001	128.904	2	0.000	-2.807	1	0.000
5	203.5142	2	0.0000	101.3861	1	-0.0002	128.904	2	0.000	-2.807	1	0.000
6	203.5141	2	0.0001	101.3865	1	-0.0006	128.904	2	0.000	-2.808	1	0.001

Průměr:			203.5142	101.3859		128.904			-2.807			

STATISTIKA:

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Vodorovné směry:

Počet vyhovujících směrů : 172
 Počet podezřelých směrů : 0
 Počet chybných směrů : 0

Zenitové úhly:

Počet vyhovujících zenitových úhlů : 172
Počet podezřelých zenitových úhlů : 0
Počet chybných zenitových úhlů : 0

Délky:

Počet opravených délek : 172
Počet podezřelých délek : 0
Počet chybných délek : 0

ZPRACOVÁNÍ OBOUSMĚRNĚ MĚŘENÝCH DÉLEK

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Bod A	Bod B	D Tam	D Zpět	Rozdíl	D	dH Tam	dH Zpět	Rozdíl	dH
552	4010	131.453	131.452	0.000	131.452	-2.627	2.532	0.095	-2.579
4010	4009	152.283	152.282	0.000	152.282	-4.211	4.212	-0.001	-4.211
4009	549	125.401	125.400	0.001	125.400	-2.954	2.944	0.010	-2.949
4008ex	548	105.423	105.423	0.001	105.423	-2.159	2.148	0.011	-2.153
548	4007	72.938	72.937	0.001	72.938	-1.877	1.869	0.008	-1.873
4007	4006	104.305	104.305	0.000	104.305	-3.561	3.551	0.010	-3.556
4006	545	146.995	146.995	-0.000	146.995	-3.710	3.692	0.018	-3.701
545	4005	143.888	143.888	-0.000	143.888	-3.802	3.792	0.011	-3.797
4005	4004	146.947	146.947	0.000	146.947	-2.553	2.535	0.018	-2.544
4004	542	121.842	121.842	0.000	121.842	0.271	-0.287	0.016	0.279
542	541	105.216	105.216	0.000	105.216	-4.396	4.388	0.008	-4.392
541	311	138.641	138.641	0.000	138.641	-4.815	4.783	0.032	-4.799