

Datum	ERSTE	KB	VIG	ERSTE	KB	VIG
18.02.2011	934.20	4 150.00	1 059.00	0.003653	-0.0024	0.032164
17.02.2011	930.80	4 160.00	1 026.00	-0.01607	-0.01632	-0.02006
16.02.2011	946.00	4 229.00	1 047.00	0.021488	-0.03204	0.006731
15.02.2011	926.10	4 369.00	1 040.00	0.00663	-0.00206	0.004831
14.02.2011	920.00	4 378.00	1 035.00	0.002288	0.033278	0.009756
11.02.2011	917.90	4 237.00	1 025.00	0.006469	-0.00188	-0.01157
10.02.2011	912.00	4 245.00	1 037.00	-0.01405	-0.00585	-0.0086
09.02.2011	925.00	4 270.00	1 046.00	0.020408	-0.0035	0.021484
08.02.2011	906.50	4 285.00	1 024.00	0.010028	-0.0208	0.015873
07.02.2011	897.50	4 376.00	1 008.00	-0.01265	0.004822	0.006993
04.02.2011	909.00	4 355.00	1 001.00	0.021119	0.029551	0.023936
03.02.2011	890.20	4 230.00	977.60	-0.01308	-0.00588	0.003696
02.02.2011	902.00	4 255.00	974.00	0.016911	0.001176	0.009326
01.02.2011	887.00	4 250.00	965.00	0.000903	0.00687	0.010365
31.01.2011	886.20	4 221.00	955.10	0.018621	-0.01837	-0.00614
28.01.2011	870.00	4 300.00	961.00	0.001151	-0.01602	0.01844
27.01.2011	869.00	4 370.00	943.60	0.002076	0.001145	0.005327
26.01.2011	867.20	4 365.00	938.60	0.020235	0.00576	-0.00191
25.01.2011	850.00	4 340.00	940.40	-0.02968	0.001384	0.001491
24.01.2011	876.00	4 334.00	939.00	-0.01418	-0.01005	-0.0122
21.01.2011	888.60	4 378.00	950.60	0.000676	0.015777	0.001264
20.01.2011	888.00	4 310.00	949.40	-0.00011	-0.01822	-0.00586
19.01.2011	888.10	4 390.00	955.00	-0.00101	-0.01878	-0.00521
18.01.2011	889.00	4 474.00	960.00	0.035889	-0.00798	-0.00312
17.01.2011	858.20	4 510.00	963.00	0.005389	0.002222	0.018401
14.01.2011	853.60	4 500.00	945.60	-0.00397	0.001335	-0.02776
13.01.2011	857.00	4 494.00	972.60	0.00871	0.012162	0
12.01.2011	849.60	4 440.00	972.60	0.016268	0.015089	0.008921
11.01.2011	836.00	4 374.00	964.00	0.009906	0.017209	0.008263
10.01.2011	827.80	4 300.00	956.10	-0.03632	-0.01036	-0.01331
07.01.2011	859.00	4 345.00	969.00	-0.02386	-0.01474	-0.02022
06.01.2011	880.00	4 410.00	989.00	0.001138	0.004098	0.004061
05.01.2011	879.00	4 392.00	985.00	-0.0255	-0.00633	-0.00304
04.01.2011	902.00	4 420.00	988.00	0.004007	-0.00428	-0.00664
03.01.2011	898.40	4 439.00	994.60	0.009438	0.000902	-0.001
30.12.2010	890.00	4 435.00	995.60	-0.01111	-0.02076	-0.00935
29.12.2010	900.00	4 529.00	1 005.00	0.006711	0.037572	0.000996
28.12.2010	894.00	4 365.00	1 004.00	0.013605	-0.0075	0.004
27.12.2010	882.00	4 398.00	1 000.00	-0.00787	-0.01169	0
23.12.2010	889.00	4 450.00	1 000.00	0.011377	-0.02902	0.003009
22.12.2010	879.00	4 583.00	997.00	0.010345	0.0117	0.013211
21.12.2010	870.00	4 530.00	984.00	0.018735	0.028377	-0.01115
20.12.2010	854.00	4 405.00	995.10	0.010651	0.012644	0.144978
17.12.2010	845.00	4 350.00	869.10	-0.02537	-0.02423	-0.09938
16.12.2010	867.00	4 458.00	965.00	0.012377	-0.01262	-0.01541
15.12.2010	856.40	4 515.00	980.10	0.005046	0.02381	-0.00406
14.12.2010	852.10	4 410.00	984.10	-0.00211	-0.01935	-0.01294
13.12.2010	853.90	4 497.00	997.00	0.014736	0.038808	0.006054
10.12.2010	841.50	4 329.00	991.00	0.004057	0.033174	0.02376

09.12.2010	838.10	4 190.00	968.00	0.027713	-0.00167	0.006656
08.12.2010	815.50	4 197.00	961.60	-0.00379	-0.00545	0.002607
07.12.2010	818.60	4 220.00	959.10	0.005651	-0.017	0.031179
06.12.2010	814.00	4 293.00	930.10	0.008799	-0.00855	-0.01785
03.12.2010	806.90	4 330.00	947.00	-0.00775	-0.01142	0.008412
02.12.2010	813.20	4 380.00	939.10	0.022893	0.006897	0.034251
01.12.2010	795.00	4 350.00	908.00	0.061415	0.074074	0.008889
30.11.2010	749.00	4 050.00	900.00	-0.01447	-0.0158	-0.0111
29.11.2010	760.00	4 115.00	910.10	-0.01847	0.016551	-0.01087
26.11.2010	774.30	4 048.00	920.10	-0.0009	-0.00663	-0.01065
25.11.2010	775.00	4 075.00	930.00	-0.00026	0.001229	-0.00853
24.11.2010	775.20	4 070.00	938.00	0.00155	-0.02163	0.006978
23.11.2010	774.00	4 160.00	931.50	-0.04208	-0.00716	-0.03231
22.11.2010	808.00	4 190.00	962.60	-0.00272	0.001913	0.006272
19.11.2010	810.20	4 182.00	956.60	0.002475	-0.00405	0.005889
18.11.2010	808.20	4 199.00	951.00	0.027591	0	0.021153
16.11.2010	786.50	4 199.00	931.30	-0.00569	-0.00261	-0.00268
15.11.2010	791.00	4 210.00	933.80	-0.00616	-0.00213	-0.01498
12.11.2010	795.90	4 219.00	948.00	0.041754	0.004524	0.016622
11.11.2010	764.00	4 200.00	932.50	-0.03839	-0.00474	-0.01375
10.11.2010	794.50	4 220.00	945.50	-0.02276	-0.00448	-0.01367
09.11.2010	813.00	4 239.00	958.60	0	0.004502	-0.00146
08.11.2010	813.00	4 220.00	960.00	-0.01131	0.014423	0.004079
05.11.2010	822.30	4 160.00	956.10	0.004643	-0.0024	0.000837
04.11.2010	818.50	4 170.00	955.30	0.009248	0.017321	-0.01515
03.11.2010	811.00	4 099.00	970.00	0.002472	0.016113	0.002584
02.11.2010	809.00	4 034.00	967.50	0.004844	0.003732	0.006031
01.11.2010	805.10	4 019.00	961.70	0.003865	0.000996	0.004282
29.10.2010	802.00	4 015.00	957.60	-0.01704	-0.00248	-0.01542
27.10.2010	815.90	4 025.00	972.60	0.016065	-0.00124	0.011755
26.10.2010	803.00	4 030.00	961.30	-0.0005	-0.02303	-0.00083
25.10.2010	803.40	4 125.00	962.10	0.008663	0.053102	0.006907
22.10.2010	796.50	3 917.00	955.50	0.012715	0.00333	0.006849
21.10.2010	786.50	3 904.00	949.00	0.012227	0.010352	0.001795
20.10.2010	777.00	3 864.00	947.30	-0.00525	0.003897	-0.0234
19.10.2010	781.10	3 849.00	970.00	0.003985	-0.00568	-0.00472
18.10.2010	778.00	3 871.00	974.60	-0.0041	-0.01376	-0.00602
15.10.2010	781.20	3 925.00	980.50	0.002824	-0.00633	-0.01109
14.10.2010	779.00	3 950.00	991.50	-0.00587	0.021992	0.002933
13.10.2010	783.60	3 865.00	988.60	0.028212	0.013106	-0.00403
12.10.2010	762.10	3 815.00	992.60	-0.01665	-0.00366	-0.0182
11.10.2010	775.00	3 829.00	1 011.00	0.019737	-0.01059	0.018024
08.10.2010	760.00	3 870.00	993.10	0.001978	-0.01502	-0.00201
07.10.2010	758.50	3 929.00	995.10	0.017711	-0.00355	0.008207
06.10.2010	745.30	3 943.00	987.00	0.030844	-0.00177	0.018576
05.10.2010	723.00	3 950.00	969.00	0	0.001267	-0.00462
04.10.2010	723.00	3 945.00	973.50	0.006263	0.001269	0.005682
01.10.2010	718.50	3 940.00	968.00	-0.01156	0.001016	0.005088
30.09.2010	726.90	3 936.00	963.10	0.016786	0.009231	0.008482
29.09.2010	714.90	3 900.00	955.00	-0.00777	0.011673	0.012618

27.09.2010	720.50	3 855.00	943.10	-0.0047	-0.01103	0.018467
24.09.2010	723.90	3 898.00	926.00	0.018143	0.010106	-0.00654
23.09.2010	711.00	3 859.00	932.10	-0.00281	-0.00155	-0.00914
22.09.2010	713.00	3 865.00	940.70	-0.0071	-0.00897	-0.00371
21.09.2010	718.10	3 900.00	944.20	0.0157	0.01589	-0.00095
20.09.2010	707.00	3 839.00	945.10	0.006262	-0.00544	-0.01037
17.09.2010	702.60	3 860.00	955.00	-0.01666	-0.01531	0.007384
16.09.2010	714.50	3 920.00	948.00	-0.00196	-0.01259	0
15.09.2010	715.90	3 970.00	948.00	-0.00982	-0.00501	0.001056
14.09.2010	723.00	3 990.00	947.00	-0.01094	-0.0025	0.004775
13.09.2010	731.00	4 000.00	942.50	0.016407	0.012658	0.007483
10.09.2010	719.20	3 950.00	935.50	-0.01331	0.011783	0.009714
09.09.2010	728.90	3 904.00	926.50	0.017306	-0.02765	-0.00108
08.09.2010	716.50	4 015.00	927.50	-0.01022	-0.00273	-0.00269
07.09.2010	723.90	4 026.00	930.00	-0.01911	-0.01805	-0.00492
06.09.2010	738.00	4 100.00	934.60	-0.0027	0.022444	0.003867
03.09.2010	740.00	4 010.00	931.00	-0.00671	-0.01232	-0.00172
02.09.2010	745.00	4 060.00	932.60	0.021948	0.040759	0.001181
01.09.2010	729.00	3 901.00	931.50	0.023589	0.034748	0.030306
31.08.2010	712.20	3 770.00	904.10	-0.00946	-0.01874	-0.0448
30.08.2010	719.00	3 842.00	946.50	-0.00097	0.001825	0.016649
27.08.2010	719.70	3 835.00	931.00	0.007842	0.001305	0.016709
26.08.2010	714.10	3 830.00	915.70	0.020143	-0.00623	0.007925
25.08.2010	700.00	3 854.00	908.50	-0.02057	-0.01179	0
24.08.2010	714.70	3 900.00	908.50	-0.02696	-0.04318	-0.02154
23.08.2010	734.50	4 076.00	928.50	0.007545	-0.0022	-0.00801
20.08.2010	729.00	4 085.00	936.00	-0.01619	-0.0109	-0.00426
19.08.2010	741.00	4 130.00	940.00	-0.00497	0.007317	0.032967
18.08.2010	744.70	4 100.00	910.00	-0.01599	-0.00243	-0.00219
17.08.2010	756.80	4 110.00	912.00	0.03388	0.007353	-0.00175
16.08.2010	732.00	4 080.00	913.60	0.010631	0.011152	-0.00109
13.08.2010	724.30	4 035.00	914.60	0.01004	-0.00247	0.010608
12.08.2010	717.10	4 045.00	905.00	-0.01158	0.003722	-0.02457
11.08.2010	725.50	4 030.00	927.80	-0.018	0.004988	-0.01256
10.08.2010	738.80	4 010.00	939.60	-0.01296	0.002249	-0.01726
09.08.2010	748.50	4 001.00	956.10	-0.00729	0.00025	0.007906
06.08.2010	754.00	4 000.00	948.60	-0.01438	0.010867	-0.00305
05.08.2010	765.00	3 957.00	951.50	-0.01163	-0.03015	0.00274
04.08.2010	774.00	4 080.00	948.90	0.005195	0.077939	0.009468
03.08.2010	770.00	3 785.00	940.00	-0.01282	-0.00132	0.025529
02.08.2010	780.00	3 790.00	916.60	0.017613	0.02571	0.005595
30.07.2010	766.50	3 695.00	911.50	-0.0516	0	-0.01363
29.07.2010	808.20	3 695.00	924.10	0.01025	-0.00404	-0.00848
28.07.2010	800.00	3 710.00	932.00	0.003764	-0.00269	0.015029
27.07.2010	797.00	3 720.00	918.20	0.036411	0	0.024434
26.07.2010	769.00	3 720.00	896.30	0.023832	0.005405	0.001341
23.07.2010	751.10	3 700.00	895.10	0.006836	0	-0.00611
22.07.2010	746.00	3 700.00	900.60	0.014552	0.011205	0.02132
21.07.2010	735.30	3 659.00	881.80	0.026955	0.001094	0.018245
20.07.2010	716.00	3 655.00	866.00	-0.00279	0.00137	-0.01322

19.07.2010	718.00	3 650.00	877.60	-0.02842	0.026723	-0.00948
16.07.2010	739.00	3 555.00	886.00	-0.02442	-0.02335	-0.01839
15.07.2010	757.50	3 640.00	902.60	-0.00316	0.008031	0.000554
14.07.2010	759.90	3 611.00	902.10	-0.00079	-0.01096	0.017024
13.07.2010	760.50	3 651.00	887.00	0.048966	0.023836	0.001694
12.07.2010	725.00	3 566.00	885.50	-0.00617	-0.00168	-0.0018
09.07.2010	729.50	3 572.00	887.10	0.007597	0.017664	-0.00549
08.07.2010	724.00	3 510.00	892.00	0.069424	-0.00256	0.002247
07.07.2010	677.00	3 519.00	890.00	-0.01856	0.034392	-0.00681
02.07.2010	689.80	3 402.00	896.10	0.020414	0.007105	0.02108
01.07.2010	676.00	3 378.00	877.60	0.004607	-0.00647	-0.00679
30.06.2010	672.90	3 400.00	883.60	-0.01895	-0.02857	-0.02267
29.06.2010	685.90	3 500.00	904.10	-0.02847	-0.02751	-0.00877
28.06.2010	706.00	3 599.00	912.10	-0.00633	0.020703	0.00011
25.06.2010	710.50	3 526.00	912.00	-0.00574	-0.01343	-0.01352
24.06.2010	714.60	3 574.00	924.50	-0.01841	-0.01921	0.004891
23.06.2010	728.00	3 644.00	920.00	-0.00682	-0.00573	-0.01509
22.06.2010	733.00	3 665.00	934.10	-0.0241	-0.00946	0.010384
21.06.2010	751.10	3 700.00	924.50	0.02121	0.034965	0.004127
18.06.2010	735.50	3 575.00	920.70	0.008916	-0.01243	0.014434
17.06.2010	729.00	3 620.00	907.60	-0.01486	0.005556	0.034184
16.06.2010	740.00	3 600.00	877.60	0.012312	-0.00963	0.015623
15.06.2010	731.00	3 635.00	864.10	0.006887	0.001929	0.002902
14.06.2010	726.00	3 628.00	861.60	0.008473	0.011994	0.022549
11.06.2010	719.90	3 585.00	842.60	0.026961	0	0.004171
10.06.2010	701.00	3 585.00	839.10	0.055723	0.013284	0.020058
09.06.2010	664.00	3 538.00	822.60	0.018405	0	0.014929
08.06.2010	652.00	3 538.00	810.50	-0.02381	0.00683	-0.02125
07.06.2010	667.90	3 514.00	828.10	-0.01344	-0.03989	0.012347
04.06.2010	677.00	3 660.00	818.00	-0.09371	-0.00813	-0.06311
03.06.2010	747.00	3 690.00	873.10	0.021888	0.025	0.013347
02.06.2010	731.00	3 600.00	861.60	-0.01083	0.014085	-0.00162
01.06.2010	739.00	3 550.00	863.00	-0.0275	-0.03191	-0.00873
31.05.2010	759.90	3 667.00	870.60	-0.00667	0.015789	0.00069
28.05.2010	765.00	3 610.00	870.00	0.020136	0.046377	0.013868
27.05.2010	749.90	3 450.00	858.10	0.013378	0.008772	0.042649
26.05.2010	740.00	3 420.00	823.00	0.035979	0.052308	0.032622
25.05.2010	714.30	3 250.00	797.00	-0.08188	-0.04496	-0.04551
24.05.2010	778.00	3 403.00	835.00	0.029101	0.015821	0.010896
21.05.2010	756.00	3 350.00	826.00	0.007731	0	-0.0197
20.05.2010	750.20	3 350.00	842.60	-0.07268	-0.04286	0.000119
19.05.2010	809.00	3 500.00	842.50	-0.01939	-0.02778	-0.01185
18.05.2010	825.00	3 600.00	852.60	0.039174	0.015515	0.006612
17.05.2010	793.90	3 545.00	847.00	-0.01501	0.012857	-0.00855
14.05.2010	806.00	3 500.00	854.30	-0.03357	-0.03687	-0.02599
13.05.2010	834.00	3 634.00	877.10	-0.00537	-0.0125	0.011066
12.05.2010	838.50	3 680.00	867.50	0.048125	0.007667	0.022995
11.05.2010	800.00	3 652.00	848.00	-0.03638	-0.01297	-0.02641
10.05.2010	830.20	3 700.00	871.00	0.146685	0.066282	0.028335
07.05.2010	724.00	3 470.00	847.00	-0.05974	-0.02446	-0.07076

06.05.2010	770.00	3 557.00	911.50	-0.029	-0.02548	0.004408
05.05.2010	793.00	3 650.00	907.50	-0.06043	-0.05195	-0.03045
04.05.2010	844.00	3 850.00	936.00	-0.0227	-0.0375	-0.02051
03.05.2010	863.60	4 000.00	955.60	0.015403	0.002506	0.002202
30.04.2010	850.50	3 990.00	953.50	-0.00176	0.002513	0.020332
29.04.2010	852.00	3 980.00	934.50	0.020359	-0.01753	0.015761
28.04.2010	835.00	4 051.00	920.00	-0.02681	-0.03086	-0.04435
27.04.2010	858.00	4 180.00	962.70	-0.02278	-0.01855	-0.01059
26.04.2010	878.00	4 259.00	973.00	0.022119	0.036001	0.001029
23.04.2010	859.00	4 111.00	972.00	0.012972	0.020352	-0.00257
22.04.2010	848.00	4 029.00	974.50	-0.02203	-0.03056	0.004536
21.04.2010	867.10	4 156.00	970.10	0.000115	0.009718	-0.01212
20.04.2010	867.00	4 116.00	982.00	0.004053	-0.02	0.019624
19.04.2010	863.50	4 200.00	963.10	0.00174	0.004785	-0.00609
16.04.2010	862.00	4 180.00	969.00	-0.01822	-0.00476	-0.00513
15.04.2010	878.00	4 200.00	974.00	-0.00216	0.020656	0.000103
14.04.2010	879.90	4 115.00	973.90	0.038966	0.023632	-0.01327
13.04.2010	846.90	4 020.00	987.00	0.013038	0.012339	0.000507
12.04.2010	836.00	3 971.00	986.50	0.019512	0.009662	-0.00263
09.04.2010	820.00	3 933.00	989.10	0.021171	-0.00025	0.014878
08.04.2010	803.00	3 934.00	974.60	-0.02252	-0.0165	-0.00905
07.04.2010	821.50	4 000.00	983.50	0.010455	0.006289	-0.01846
06.04.2010	813.00	3 975.00	1 002.00	0.018159	0	-0.00299
02.04.2010	798.50	3 975.00	1 005.00	0.004655	0.008883	0.008935
01.04.2010	794.80	3 940.00	996.10	0.021594	0.032765	0.009731
31.03.2010	778.00	3 815.00	986.50	-0.01394	-0.01903	-0.00964
30.03.2010	789.00	3 889.00	996.10	0.001778	0.009868	-0.00886
29.03.2010	787.60	3 851.00	1 005.00	0.002546	-0.0201	0.017104
26.03.2010	785.60	3 930.00	988.10	0.02425	0.005115	0.005188
25.03.2010	767.00	3 910.00	983.00	0.009211	0.020888	0.016546
24.03.2010	760.00	3 830.00	967.00	-0.00393	0.002618	-0.01013
23.03.2010	763.00	3 820.00	976.90	0.015303	-0.00934	-0.00215
22.03.2010	751.50	3 856.00	979.00	0.000666	-0.01128	-0.00102
19.03.2010	751.00	3 900.00	980.00	-0.02468	-0.02256	0.020727
18.03.2010	770.00	3 990.00	960.10	-0.02036	0	-0.00156
17.03.2010	786.00	3 990.00	961.60	0.020779	0.012947	0.00313
16.03.2010	770.00	3 939.00	958.60	0.010499	0.025781	-0.00416
15.03.2010	762.00	3 840.00	962.60	0.002632	-0.00518	0.00052
12.03.2010	760.00	3 860.00	962.10	0.033873	-0.00258	0.004175
11.03.2010	735.10	3 870.00	958.10	-0.0101	0.013089	0.007466
10.03.2010	742.60	3 820.00	951.00	-0.00188	0.018124	-0.00938
09.03.2010	744.00	3 752.00	960.00	-0.00134	-0.0008	0.026189
08.03.2010	745.00	3 755.00	935.50	0.029717	-0.0053	0.009714
05.03.2010	723.50	3 775.00	926.50	0.017581	0.008011	-0.01436
04.03.2010	711.00	3 745.00	940.00	-0.01387	-0.00399	0.011732
03.03.2010	721.00	3 760.00	929.10	0.006983	-0.00265	0.006718
02.03.2010	716.00	3 770.00	922.90	0.001539	-0.0058	0.002498
01.03.2010	714.90	3 792.00	920.60	0.013324	0.0112	0.004912
26.02.2010	705.50	3 750.00	916.10	-0.00212	0.041667	-0.00109
25.02.2010	707.00	3 600.00	917.10	-0.01463	-0.0137	-0.00704

24.02.2010	717.50	3 650.00	923.60		-0.00333	-0.01218	0.006319
23.02.2010	719.90	3 695.00	917.80		-0.02992	-0.00189	-0.01692
22.02.2010	742.10	3 702.00	933.60		0.019228	-0.01804	-0.00043
19.02.2010	728.10	3 770.00	934.00		0.010548	0.010724	0.007551
18.02.2010	720.50	3 730.00	927.00	253			
				oček.výnos	0.001294	0.000602	0.000702
				rozptyl	0.000537	0.000363	0.000354
				riziko oček.	0.023171	0.019064	0.018805
				portfolio			
					0.35	0.35	0.3
					0.000453	0.000211	0.000211
				výnosnost	0.000874		
							nezávislé
				riziko	0.016189		0.011921

ERSTE	KB	VIG	ERSTE	KB	VIG
5.56354E-06	9.04E-06	0.000989851	0.002359	-0.00301	0.031462
0.000301429	0.000286	0.000430942	-0.01736	-0.01692	-0.02076
0.000407794	0.001066	3.6348E-05	0.020194	-0.03265	0.006029
2.84769E-05	7.06E-06	1.70493E-05	0.005336	-0.00266	0.004129
9.8759E-07	0.001068	8.19796E-05	0.000994	0.032676	0.009054
2.67831E-05	6.18E-06	0.000150643	0.005175	-0.00249	-0.01227
0.000235564	4.17E-05	8.66025E-05	-0.01535	-0.00646	-0.00931
0.000365349	1.68E-05	0.000431914	0.019114	-0.0041	0.020783
7.62793E-05	0.000458	0.000230165	0.008734	-0.0214	0.015171
0.000194472	1.78E-05	3.95788E-05	-0.01395	0.00422	0.006291
0.000393022	0.000838	0.000539834	0.019825	0.028949	0.023234
0.000206672	4.2E-05	8.96558E-06	-0.01438	-0.00648	0.002994
0.000243887	3.3E-07	7.43835E-05	0.015617	0.000574	0.008625
1.53135E-07	3.93E-05	9.33845E-05	-0.00039	0.006268	0.009664
0.000300212	0.00036	4.68031E-05	0.017327	-0.01897	-0.00684
2.05369E-08	0.000276	0.000314643	-0.00014	-0.01662	0.017738
6.10884E-07	2.95E-07	2.13929E-05	0.000782	0.000543	0.004625
0.000358771	2.66E-05	6.84303E-06	0.018941	0.005158	-0.00262
0.000959415	6.12E-07	6.22691E-07	-0.03097	0.000782	0.000789
0.000239434	0.000113	0.00016653	-0.01547	-0.01065	-0.0129
3.82393E-07	0.00023	3.15975E-07	-0.00062	0.015175	0.000562
1.97868E-06	0.000354	4.31086E-05	-0.00141	-0.01883	-0.00657
5.31961E-06	0.000375	3.49301E-05	-0.00231	-0.01938	-0.00591
0.001196815	7.37E-05	1.45703E-05	0.034595	-0.00858	-0.00382
1.67681E-05	2.62E-06	0.000313261	0.004095	0.00162	0.017699
2.76822E-05	5.37E-07	0.000810113	-0.00526	0.000733	-0.02846
5.4996E-05	0.000134	4.92579E-07	0.007416	0.01156	-0.0007
0.000224217	0.00021	6.75573E-05	0.014974	0.014487	0.008219
7.41617E-05	0.000276	5.71671E-05	0.008612	0.016607	0.007561
0.001414915	0.00012	0.000196407	-0.03762	-0.01096	-0.01401
0.000632909	0.000235	0.000437826	-0.02516	-0.01534	-0.02092
2.44605E-08	1.22E-05	1.12834E-05	-0.00016	0.003496	0.003359
0.000717862	4.81E-05	1.39747E-05	-0.02679	-0.00694	-0.00374
7.36074E-06	2.38E-05	5.38415E-05	0.002713	-0.00488	-0.00734
6.63271E-05	8.99E-08	2.91132E-06	0.008144	0.0003	-0.00171
0.000153888	0.000456	0.000101105	-0.01241	-0.02136	-0.01006
2.93477E-05	0.001367	8.65395E-08	0.005417	0.03697	0.000294
0.00015157	6.57E-05	1.08779E-05	0.012311	-0.00811	0.003298
8.40535E-05	0.000151	4.92579E-07	-0.00917	-0.01229	-0.0007
0.000101657	0.000877	5.32311E-06	0.010083	-0.02962	0.002307
8.19165E-05	0.000123	0.000156489	0.009051	0.011098	0.01251
0.000304199	0.000771	0.000140577	0.017441	0.027775	-0.01186
8.75503E-05	0.000145	0.020815484	0.009357	0.012042	0.144276
0.000711231	0.000616	0.010016022	-0.02667	-0.02483	-0.10008
0.00012284	0.000175	0.000259482	0.011083	-0.01323	-0.01611
1.40798E-05	0.000539	2.27192E-05	0.003752	0.023207	-0.00477
1.15738E-05	0.000398	0.000186068	-0.0034	-0.01995	-0.01364
0.000180675	0.00146	2.86509E-05	0.013442	0.038206	0.005353
7.63273E-06	0.001061	0.000531694	0.002763	0.032572	0.023058

0.000697964	5.15E-06	3.54469E-05	0.026419	-0.00227	0.005954
2.58166E-05	3.66E-05	3.62815E-06	-0.00508	-0.00605	0.001905
1.89839E-05	0.00031	0.000928884	0.004357	-0.01761	0.030478
5.63258E-05	8.37E-05	0.000344016	0.007505	-0.00915	-0.01855
8.17438E-05	0.000144	5.94513E-05	-0.00904	-0.01202	0.00771
0.000466518	3.96E-05	0.001125553	0.021599	0.006294	0.033549
0.003614555	0.005398	6.70278E-05	0.060121	0.073472	0.008187
0.000248622	0.000269	0.000139229	-0.01577	-0.0164	-0.0118
0.00039055	0.000254	0.00013387	-0.01976	0.015949	-0.01157
4.82804E-06	5.22E-05	0.000128754	-0.0022	-0.00723	-0.01135
2.40887E-06	3.92E-07	8.52044E-05	-0.00155	0.000626	-0.00923
6.57064E-08	0.000494	3.93901E-05	0.000256	-0.02224	0.006276
0.00188124	6.02E-05	0.001089671	-0.04337	-0.00776	-0.03301
1.60756E-05	1.72E-06	3.10291E-05	-0.00401	0.001311	0.00557
1.39377E-06	2.16E-05	2.69018E-05	0.001181	-0.00465	0.005187
0.000691508	3.62E-07	0.000418259	0.026297	-0.0006	0.020451
4.87631E-05	1.03E-05	1.14181E-05	-0.00698	-0.00321	-0.00338
5.55116E-05	7.48E-06	0.000245886	-0.00745	-0.00274	-0.01568
0.001637001	1.54E-05	0.000253451	0.04046	0.003922	0.01592
0.001574739	2.85E-05	0.000208837	-0.03968	-0.00534	-0.01445
0.000578368	2.58E-05	0.000206428	-0.02405	-0.00508	-0.01437
1.67458E-06	1.52E-05	4.66635E-06	-0.00129	0.0039	-0.00216
0.000158856	0.000191	1.14057E-05	-0.0126	0.013821	0.003377
1.1213E-05	9E-06	1.83855E-08	0.003349	-0.003	0.000136
6.32627E-05	0.00028	0.000251428	0.007954	0.016719	-0.01586
1.388E-06	0.000241	3.54245E-06	0.001178	0.015511	0.001882
1.2603E-05	9.8E-06	2.83998E-05	0.00355	0.00313	0.005329
6.61149E-06	1.55E-07	1.28142E-05	0.002571	0.000394	0.00358
0.000336006	9.53E-06	0.000259997	-0.01833	-0.00309	-0.01612
0.000218174	3.4E-06	0.00012217	0.014771	-0.00184	0.011053
3.21105E-06	0.000558	2.35118E-06	-0.00179	-0.02363	-0.00153
5.42999E-05	0.002756	3.85087E-05	0.007369	0.0525	0.006206
0.000130428	7.44E-06	3.77915E-05	0.011421	0.002728	0.006147
0.000119519	9.51E-05	1.19407E-06	0.010932	0.00975	0.001093
4.28117E-05	1.09E-05	0.000580998	-0.00654	0.003295	-0.0241
7.2389E-06	3.95E-05	2.93951E-05	0.002691	-0.00629	-0.00542
2.90555E-05	0.000206	4.51474E-05	-0.00539	-0.01436	-0.00672
2.34114E-06	4.8E-05	0.000139149	0.00153	-0.00693	-0.0118
5.13286E-05	0.000458	4.98004E-06	-0.00716	0.02139	0.002232
0.00072455	0.000156	2.23886E-05	0.026917	0.012504	-0.00473
0.000321815	1.81E-05	0.000357272	-0.01794	-0.00426	-0.0189
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4.67216E-07	0.000244	7.35325E-06	0.000684	-0.01562	-0.00271
0.000269516	1.72E-05	5.63227E-05	0.016417	-0.00415	0.007505
0.000873182	5.64E-06	0.00031948	0.02955	-0.00237	0.017874
1.67458E-06	4.43E-07	2.83486E-05	-0.00129	0.000665	-0.00532
2.46909E-05	4.45E-07	2.48002E-05	0.004969	0.000667	0.00498
0.000165122	1.72E-07	1.92361E-05	-0.01285	0.000414	0.004386
0.000239987	7.45E-05	6.05258E-05	0.015492	0.008629	0.00778
8.22003E-05	0.000123	0.000141994	-0.00907	0.011071	0.011916

3.58901E-05	0.000135	0.000315584	-0.00599	-0.01163	0.017765
0.000283902	9.03E-05	5.25074E-05	0.016849	0.009504	-0.00725
1.68027E-05	4.64E-06	9.69037E-05	-0.0041	-0.00215	-0.00984
7.0495E-05	9.17E-05	1.94365E-05	-0.0084	-0.00958	-0.00441
0.000207535	0.000234	2.73611E-06	0.014406	0.015287	-0.00165
2.4685E-05	3.65E-05	0.000122508	0.004968	-0.00604	-0.01107
0.000322169	0.000253	4.46508E-05	-0.01795	-0.01591	0.006682
1.05601E-05	0.000174	4.92579E-07	-0.00325	-0.0132	-0.0007
0.000123527	3.15E-05	1.25405E-07	-0.01111	-0.00561	0.000354
0.000149768	9.62E-06	1.65869E-05	-0.01224	-0.0031	0.004073
0.000228405	0.000145	4.59791E-05	0.015113	0.012056	0.006781
0.000213212	0.000125	8.12186E-05	-0.0146	0.011181	0.009012
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0.000132629	1.11E-05	1.14922E-05	-0.01152	-0.00333	-0.00339
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1.59741E-05	0.000477	1.0017E-05	-0.004	0.021842	0.003165
6.40875E-05	0.000167	5.84418E-06	-0.00801	-0.01292	-0.00242
0.00042658	0.001613	2.2949E-07	0.020654	0.040157	0.000479
0.000497059	0.001166	0.000876429	0.022295	0.034146	0.029605
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5.13785E-06	1.5E-06	0.000254304	-0.00227	0.001223	0.015947
4.28761E-05	4.95E-07	0.000256214	0.006548	0.000703	0.016007
0.000355277	4.66E-05	5.21762E-05	0.018849	-0.00683	0.007223
0.000477953	0.000154	4.92579E-07	-0.02186	-0.0124	-0.0007
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3.90691E-05	7.87E-06	7.59453E-05	0.006251	-0.00281	-0.00871
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3.92189E-05	4.51E-05	0.001041043	-0.00626	0.006715	0.032265
0.000298682	9.21E-06	8.38E-06	-0.01728	-0.00304	-0.00289
0.00106183	4.56E-05	6.01796E-06	0.032586	0.006751	-0.00245
8.71777E-05	0.000111	3.22279E-06	0.009337	0.01055	-0.0018
7.64993E-05	9.45E-06	9.81268E-05	0.008746	-0.00307	0.009906
0.000165696	9.73E-06	0.000638881	-0.01287	0.00312	-0.02528
0.000372344	1.92E-05	0.000175838	-0.0193	0.004385	-0.01326
0.000203157	2.71E-06	0.000322542	-0.01425	0.001647	-0.01796
7.37621E-05	1.24E-07	5.19055E-05	-0.00859	-0.00035	0.007205
0.000245647	0.000105	1.40599E-05	-0.01567	0.010265	-0.00375
0.000166977	0.000946	4.15416E-06	-0.01292	-0.03075	0.002038
1.52159E-05	0.005981	7.68471E-05	0.003901	0.077337	0.008766
0.000199221	3.69E-06	0.000616394	-0.01411	-0.00192	0.024827
0.000266292	0.00063	2.39447E-05	0.016318	0.025108	0.004893
0.002797373	3.62E-07	0.000205542	-0.05289	-0.0006	-0.01434
8.02089E-05	2.16E-05	8.424E-05	0.008956	-0.00465	-0.00918
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0.001233194	3.62E-07	0.000563205	0.035117	-0.0006	0.023732
0.000507946	2.31E-05	4.08056E-07	0.022538	0.004803	0.000639
3.07183E-05	3.62E-07	4.63608E-05	0.005542	-0.0006	-0.00681
0.00017577	0.000112	0.00042511	0.013258	0.010603	0.020618
0.0006585	2.42E-07	0.000307756	0.025661	0.000492	0.017543
1.66429E-05	5.9E-07	0.000193758	-0.00408	0.000768	-0.01392

0.000882734	0.000682	0.000103686	-0.02971	0.026121	-0.01018
0.000661338	0.000574	0.000364549	-0.02572	-0.02395	-0.01909
1.98236E-05	5.52E-05	2.17792E-08	-0.00445	0.007429	-0.00015
4.33893E-06	0.000134	0.000266402	-0.00208	-0.01156	0.016322
0.002272568	0.00054	9.84299E-07	0.047671	0.023234	0.000992
5.56913E-05	5.21E-06	6.27738E-06	-0.00746	-0.00228	-0.00251
3.97231E-05	0.000291	3.83794E-05	0.006303	0.017062	-0.0062
0.00464168	9.98E-06	2.38811E-06	0.06813	-0.00316	0.001545
0.000394029	0.001142	5.63868E-05	-0.01985	0.033789	-0.00751
0.00036558	4.23E-05	0.000415278	0.01912	0.006503	0.020378
1.09751E-05	5E-05	5.61337E-05	0.003313	-0.00707	-0.00749
0.000409951	0.000851	0.000546452	-0.02025	-0.02917	-0.02338
0.000885914	0.00079	8.97341E-05	-0.02976	-0.02811	-0.00947
5.81806E-05	0.000404	3.5069E-07	-0.00763	0.020101	-0.00059
4.94424E-05	0.000197	0.000202284	-0.00703	-0.01403	-0.01422
0.000388116	0.000393	1.75516E-05	-0.0197	-0.01981	0.004189
6.58587E-05	4.01E-05	0.000249532	-0.00812	-0.00633	-0.0158
0.000644756	0.000101	9.37441E-05	-0.02539	-0.01006	0.009682
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-0.000345626	0.000287104	-0.000272999
0.000884137	0.001266107	0.001417619
0.000461024	0.000271729	0.00021617
0.000737171	6.80898E-06	1.15743E-05
0.000230638	-3.81539E-05	-6.45296E-05
0.000726705	-8.94094E-05	-0.000119462
-1.07453E-05	1.51111E-05	-0.000116868
-5.68456E-05	5.22107E-05	-0.000389838
1.8658E-06	-3.02917E-06	-2.84025E-05
0.00010469	0.000113889	3.13004E-05
-6.92546E-05	2.06913E-06	-1.20156E-05
0.000867568	-0.000526437	-0.000321827
0.000137847	-2.29009E-06	-2.28876E-06
0.000165052	-6.06754E-05	-3.01735E-05
-1.70194E-05	0.000281771	-1.21383E-05
0.000407266	0.000232212	0.000166765
5.21011E-05	-0.000175571	-0.000108996
-1.01538E-05	-6.21798E-05	2.21975E-06
2.78348E-05	2.76728E-05	6.81791E-05
0.000652909	0.000183298	0.00029042
0.000299079	0.000157529	0.000202964
4.47984E-06	-4.62105E-06	-8.85556E-05
-2.59164E-05	2.05311E-05	-0.000339578
0.000103602	0.00010299	2.02471E-05
0.000160591	0.00012543	0.00032141
-1.05341E-05	5.66276E-05	-2.18424E-05
-0.00013922	-3.98811E-05	2.82928E-05
7.46651E-06	1.08205E-06	2.04674E-05
0.000601411	-0.000520041	-0.000463752
1.30348E-05	4.89673E-05	1.36171E-06
0.000240552	4.73046E-05	2.99712E-05
0.000231765	-4.47092E-05	-0.000122302
-7.73545E-06	-2.43621E-07	1.05341E-06
-0.000103798	0.000113149	-1.10654E-05
-0.000142273	-7.70669E-05	8.44615E-05
-5.56447E-05	3.20018E-05	-0.000176562
3.6935E-06	-6.71933E-05	-3.57077E-05
-0.000167696	0.000256148	-5.31723E-05
0.000120663	-0.000245337	-0.0001116
6.96229E-05	-0.000167255	-5.06432E-05
-1.85159E-05	3.42268E-05	-1.95799E-05
-1.5665E-06	4.3947E-07	-1.15045E-05
0.000127491	5.0649E-05	4.46204E-05
-0.000140264	6.12172E-06	-7.35974E-05
0.000227784	0.000123277	0.00011068

5.91471E-05	-2.59975E-05	-7.1797E-05
7.78023E-05	0.000550079	4.39394E-05
-0.000334277	-2.02674E-05	2.10643E-05
9.36689E-05	6.33856E-05	6.93282E-05

kovariance	0.000222823	0.000204388	0.000106833
	0.000222823	0.000204388	0.000106833

Datum	ECM	ORCO	PEGAS	PM	UNI
18.02.2011	84.00	203.00	450.00	9 527.00	179.50
17.02.2011	82.00	195.50	449.00	9 450.00	180.00
16.02.2011	86.24	199.56	448.00	9 880.00	180.50
15.02.2011	87.00	201.10	446.10	9 950.00	178.70
14.02.2011	86.73	204.70	455.00	10 000.00	179.00
11.02.2011	81.74	201.30	455.00	9 950.00	171.00
10.02.2011	80.86	199.00	445.90	9 850.00	178.00
09.02.2011	82.69	205.00	455.00	9 900.00	186.50
08.02.2011	83.39	210.00	455.00	9 800.00	188.80
07.02.2011	81.25	206.00	453.90	9 999.00	190.00
04.02.2011	80.00	190.00	454.00	10 000.00	190.90
03.02.2011	79.99	188.40	435.00	9 911.00	190.90
02.02.2011	79.99	187.50	445.00	9 980.00	190.80
01.02.2011	79.98	187.20	447.00	10 070.00	187.50
31.01.2011	80.99	176.98	447.00	10 240.00	183.81
28.01.2011	77.02	177.75	449.50	10 150.00	187.00
27.01.2011	74.99	176.77	455.00	10 300.00	189.00
26.01.2011	80.65	177.50	455.00	10 345.00	192.00
25.01.2011	83.51	179.00	447.50	10 050.00	190.70
24.01.2011	86.01	179.94	452.00	10 100.00	191.90
21.01.2011	89.30	180.15	451.10	10 105.00	193.00
20.01.2011	88.96	178.99	455.00	10 240.00	193.41
19.01.2011	91.60	181.99	463.00	10 290.00	192.00
18.01.2011	92.55	182.99	469.00	10 300.00	194.00
17.01.2011	91.59	183.90	467.70	10 300.00	195.40
14.01.2011	90.00	180.29	461.40	10 330.00	193.00
13.01.2011	91.87	179.39	465.80	10 420.00	194.29
12.01.2011	90.74	180.41	467.80	10 520.00	195.00
11.01.2011	92.06	182.39	462.00	10 378.00	194.99
10.01.2011	90.60	178.40	462.50	10 295.00	193.99
07.01.2011	90.91	181.05	462.50	10 250.00	194.90
06.01.2011	91.74	182.50	466.00	10 200.00	195.40
05.01.2011	91.90	177.45	470.00	10 170.00	195.50
04.01.2011	92.18	178.96	472.80	10 200.00	196.00
03.01.2011	92.41	182.98	473.00	10 200.00	199.00
30.12.2010	92.25	183.41	468.00	10 240.00	197.00
29.12.2010	92.30	186.10	474.00	10 180.00	195.90
28.12.2010	92.00	183.75	468.00	10 000.00	193.00
27.12.2010	93.25	182.41	464.00	10 101.00	192.10
23.12.2010	93.74	184.50	464.00	10 200.00	194.00
22.12.2010	90.00	182.30	463.00	10 061.00	191.20
21.12.2010	89.50	183.00	464.50	9 950.00	192.00
20.12.2010	87.30	182.70	454.90	10 000.00	192.00
17.12.2010	91.00	185.50	454.00	10 000.00	192.90
16.12.2010	94.90	183.14	451.30	10 008.00	192.00
15.12.2010	97.10	183.70	453.00	10 000.00	190.00
14.12.2010	97.47	186.89	461.00	10 013.00	193.00
13.12.2010	100.00	186.50	456.00	10 099.00	194.99
10.12.2010	99.25	186.80	456.00	10 100.00	192.00

09.12.2010	103.98	184.15	453.00	10 040.00	194.80	
08.12.2010	110.00	184.25	445.00	10 165.00	195.00	
07.12.2010	104.75	188.00	442.70	10 225.00	200.90	
06.12.2010	97.75	184.94	444.00	10 299.00	202.90	
03.12.2010	86.44	184.65	440.00	10 250.00	200.00	
02.12.2010	87.74	184.25	440.00	10 040.00	198.00	
01.12.2010	88.76	181.00	435.00	10 040.00	194.00	
30.11.2010	89.00	182.96	419.00	10 000.00	195.00	
29.11.2010	89.99	184.00	424.90	10 100.00	194.00	
26.11.2010	89.00	191.50	425.50	10 285.00	196.50	
25.11.2010	91.00	185.00	425.90	10 300.00	197.90	
24.11.2010	87.56	180.10	419.50	10 400.00	196.50	
23.11.2010	85.10	175.00	419.00	10 200.00	192.10	60
22.11.2010	86.79	181.01	417.00	10 000.00	194.56	oček.výnosno
19.11.2010	89.07	182.74	418.60	9 953.00	195.30	rozptyl
18.11.2010	91.00	183.00	424.00	10 380.00	199.00	riziko

ECM
ORCO
PEGAS
PM
UNI

0.00078462 0.00059017 0.00012421

váhy

výnosnost

riziko

riziko nezávisl

ECM	ORCO	PEGAS	PM	UNI	ECM
0.027648642	0.00844511	-0.010989011	-0.0425126	0.0497076	0.000762909
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0.042931431	-0.0265366	-0.015384615	-0.0020202	-0.0321716	0.001840718
0.043290562	-0.042381	-0.01956044	0.01530612	-0.0534958	0.001871663
0.067446154	-0.0063107	0.002423441	0.00010001	-0.0578947	0.004545229
0.02175	0.05947368	0.002202643	-0.005	-0.1042431	0.000471852
0.01087636	0.05626327	0.025057471	-0.0061548	-0.0675746	0.00011769
0.033754219	0.09333333	0.02247191	-0.008016	-0.0225367	0.001137469
0.042635659	0.12179487	0.017897092	-0.0268123	0.00693333	0.001815426
0.003210273	0.16397333	0.015436242	-0.0235352	0.03367608	1.01279E-05
0.038691249	0.06891702	0.010011123	-0.0147783	0.02085561	0.001494859
0.066675557	0.06579171	-0.043956044	-0.037767	0.01005291	0.004441918
-0.008183509	0.05633803	-0.021978022	-0.0352827	-0.00625	6.74262E-05
-0.042270387	0.04581006	-0.001117318	0.00199005	-0.0167803	0.00178914
-0.058365306	-0.0164499	-0.011061947	0.01386139	-0.0421574	0.003409759
-0.137513998	-0.0133222	-0.003546885	0.00445324	-0.0310881	0.018917757
-0.157036871	-0.0124029	0	0.00585938	-0.0228013	0.024669323
-0.119541485	-0.0246717	-0.017278618	0.005345	0	0.014296823
-0.097676931	-0.0218045	-0.045842217	-0.0242718	-0.0170103	0.009546222
-0.060923682	-0.0215334	-0.033568527	-0.0194175	-0.017912	0.003715088
-0.007777778	-0.0007765	-0.022323364	-0.0217812	0	6.09277E-05
-0.031675193	-0.0022298	-0.023185917	-0.0172745	-0.0045293	0.001005082
0.009477628	0.00875783	-0.010260795	-0.0218631	-0.0153846	8.92985E-05
0.005322616	0.00328965	0.015151515	-0.0075159	-0.0050772	2.80347E-05
0.010927152	0.0308296	0.011243243	0.00048567	0.00726842	0.000118795
-0.0100099	-0.0041977	-0.002378378	0.00780488	-0.0097486	0.000100756
0.001417048	-0.0170411	-0.000429185	0.02156863	-0.0056807	1.9299E-06
-0.012622416	0.01668076	-0.004680851	0.03441495	-0.0025575	0.000160029
-0.001301801	0.01916629	-0.02284264	0.01745098	-0.0051531	1.76794E-06
-0.019586625	-0.0250301	-0.022198732	0.00931373	-0.0251759	0.000384727
-0.014525745	-0.0128673	-0.011752137	0.00097656	-0.0106599	0.000211807
-0.006067172	-0.0193444	-0.016877637	0.00196464	-0.0025523	3.71492E-05
-0.001086957	-0.0342857	0.004273504	0.017	0.01295337	1.24277E-06
-0.011474531	-0.0189134	0.018965517	0.00980101	0.02030193	0.000132305
-0.01418818	-0.0082385	0.019396552	0	0.0257732	0.000202095
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0.031284916	0.01693989	0.020452099	0.02311558	0.0203125	0.000977005
0.053837342	0.00574713	0.028797538	0	0.00520833	0.002895463
0.024725275	-0.0166577	0.022026432	0.0101	-0.0041472	0.000609963
-0.012223393	0.00742601	0.028140926	0.01918465	0.01041667	0.000150093
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-0.127	-0.0203753	-0.002412281	-0.009803	-0.0153341	0.016136072
-0.083123426	-0.0069593	-0.004385965	-0.009901	0.0046875	0.006914133
-0.087324485	-0.0054847	-0.003752759	-0.0031873	-0.0143737	0.007630429
-0.117272727	-0.0029851	0.017977528	-0.0162322	-0.025641	0.013759423
-0.069498807	-0.0059043	0.041337249	-0.0207335	-0.039323	0.004833955
0.023017903	0.00843517	0.027027027	-0.0194194	-0.0389847	0.000528543
0.14819528	0.01164365	0.036363636	-0.0146341	-0.04	0.02195359

0.185092318	-0.0005427	0.029545455	0	-0.0161616	0.034248861
0.239296981	0.0179558	0.022988506	0.0124502	0.00515464	0.057249722
0.176966292	0.027547	0.056563246	0.0225	0.03025641	0.031307216
0.086231804	0.0051087	0.044951753	0.01970297	0.04587629	0.007431123
-0.028764045	-0.0357702	0.034077556	-0.003403	0.0178117	0.000828973
-0.035824176	-0.0040541	0.033106363	-0.0252427	0.00050531	0.001285367
0.013704888	0.00499722	0.036948749	-0.0346154	-0.0127226	0.000187062
0.045828437	0.04548571	0	-0.0196078	0.0150963	0.002097695
0.036870607	0.01651842	0.018944844	0.01	-0.0028783	0.00135739
-0.000785899	0.04793696	0.016483516	0.03335678	0.00614439	6.6217E-07
0	0.01092896	0.004481132	-0.0077071	-0.0055276	7.75036E-10

2.78395E-05	0.00964216	0.006006636	-0.0033899	-0.0066972
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0.005378384	0.00141426	0.000473762	0.00032965	0.00071556
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0.005378384

0.073337466	0.03760661	0.02176607	0.01815614	0.02675001
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0.073337466	0.03760661	0.02176607	0.01815614	0.02675001
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kovar Mat

ECM	ORCO	PEGAS	PM	UNI
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0.005378384	0.00078462	0.000590165	0.00012421	0.00027802
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0.000784621	0.00141426	0.000128806	-0.0001661	0.00011336
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0.000590165	0.00012881	0.000473762	7.4442E-05	9.6553E-05
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0.000124206	-0.0001661	7.44423E-05	0.00032965	1.6687E-05
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0.000278023	0.00011336	9.65534E-05	1.6687E-05	0.00071556
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0.00027802	0.00012881	-0.00016609	0.00011336	0.00007444	0.00009655	0.00001669
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0.25	0.05	0.25	0.3	0.15
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6.95987E-06	0.00048211	0.001501659	-0.001017	-0.0010046
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-3.08148E-05

0.023828125	0.00041506	6.64344E-05	9.92384E-06
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0.020373095

ORCO	PEGAS	PM	UNI	ECM	ORCO	PEGAS	PM
1.43E-06	0.000289	0.001531	0.003182	0.027621	-0.0012	-0.017	-0.03912
0.000741	8.94E-07	0.001385	0.000322	0.014071	-0.02723	0.000946	-0.03722
0.001309	0.000458	1.88E-06	0.000649	0.042904	-0.03618	-0.02139	0.00137
0.002706	0.000654	0.00035	0.00219	0.043263	-0.05202	-0.02557	0.018696
0.000254	1.28E-05	1.22E-05	0.002621	0.067418	-0.01595	-0.00358	0.00349
0.002483	1.45E-05	2.59E-06	0.009515	0.021722	0.049832	-0.0038	-0.00161
0.002174	0.000363	7.64E-06	0.003706	0.010849	0.046621	0.019051	-0.00276
0.007004	0.000271	2.14E-05	0.000251	0.033726	0.083691	0.016465	-0.00463
0.012578	0.000141	0.000549	0.000186	0.042608	0.112153	0.01189	-0.02342
0.023818	8.89E-05	0.000406	0.00163	0.003182	0.154331	0.00943	-0.02015
0.003514	1.6E-05	0.00013	0.000759	0.038663	0.059275	0.004004	-0.01139
0.003153	0.002496	0.001182	0.000281	0.066648	0.05615	-0.04996	-0.03438
0.002181	0.000783	0.001017	2E-07	-0.00821	0.046696	-0.02798	-0.03189
0.001308	5.08E-05	2.89E-05	0.000102	-0.0423	0.036168	-0.00712	0.00538
0.000681	0.000291	0.000298	0.001257	-0.05839	-0.02609	-0.01707	0.017251
0.000527	9.13E-05	6.15E-05	0.000595	-0.13754	-0.02296	-0.00955	0.007843
0.000486	3.61E-05	8.55E-05	0.000259	-0.15706	-0.02205	-0.00601	0.009249
0.001177	0.000542	7.63E-05	4.49E-05	-0.11957	-0.03431	-0.02329	0.008735
0.000989	0.002688	0.000436	0.000106	-0.0977	-0.03145	-0.05185	-0.02088
0.000972	0.001566	0.000257	0.000126	-0.06095	-0.03118	-0.03958	-0.01603
0.000109	0.000803	0.000338	4.49E-05	-0.00781	-0.01042	-0.02833	-0.01839
0.000141	0.000852	0.000193	4.7E-06	-0.0317	-0.01187	-0.02919	-0.01388
7.82E-07	0.000265	0.000341	7.55E-05	0.00945	-0.00088	-0.01627	-0.01847
4.04E-05	8.36E-05	1.7E-05	2.62E-06	0.005295	-0.00635	0.009145	-0.00413
0.000449	2.74E-05	1.5E-05	0.000195	0.010899	0.021187	0.005237	0.003876
0.000192	7.03E-05	0.000125	9.31E-06	-0.01004	-0.01384	-0.00839	0.011195
0.000712	4.14E-05	0.000623	1.03E-06	0.001389	-0.02668	-0.00644	0.024959
4.95E-05	0.000114	0.001429	1.71E-05	-0.01265	0.007039	-0.01069	0.037805
9.07E-05	0.000832	0.000434	2.38E-06	-0.00133	0.009524	-0.02885	0.020841
0.001202	0.000796	0.000161	0.000341	-0.01961	-0.03467	-0.02821	0.012704
0.000507	0.000315	1.91E-05	1.57E-05	-0.01455	-0.02251	-0.01776	0.004366
0.00084	0.000524	2.87E-05	1.72E-05	-0.0061	-0.02899	-0.02288	0.005355
0.00193	3E-06	0.000416	0.000386	-0.00111	-0.04393	-0.00173	0.02039
0.000815	0.000168	0.000174	0.000729	-0.0115	-0.02856	0.012959	0.013191
0.00032	0.000179	1.15E-05	0.001054	-0.01422	-0.01788	0.01339	0.00339
1.26E-05	2.3E-05	0.000449	0.001371	0.024972	-0.00355	0.004793	0.021181
5.33E-05	0.000209	0.000703	0.00073	0.031257	0.007298	0.014445	0.026505
1.52E-05	0.000519	1.15E-05	0.000142	0.05381	-0.0039	0.022791	0.00339
0.000692	0.000257	0.000182	6.5E-06	0.024697	-0.0263	0.01602	0.01349
4.91E-06	0.00049	0.00051	0.000293	-0.01225	-0.00222	0.022134	0.022575
0.000298	0.000258	9.01E-05	0.000169	-0.07315	-0.01726	0.016068	0.00949
0.000928	2.51E-06	8.42E-06	2.3E-06	-0.0818	-0.03046	0.001586	-0.0029
0.000901	7.09E-05	4.11E-05	7.46E-05	-0.12703	-0.03002	-0.00842	-0.00641
0.000276	0.000108	4.24E-05	0.00013	-0.08315	-0.0166	-0.01039	-0.00651
0.000229	9.52E-05	4.11E-08	5.89E-05	-0.08735	-0.01513	-0.00976	0.000203
0.000159	0.000143	0.000165	0.000359	-0.1173	-0.01263	0.011971	-0.01284
0.000242	0.001248	0.000301	0.001064	-0.06953	-0.01555	0.035331	-0.01734
1.46E-06	0.000442	0.000257	0.001042	0.02299	-0.00121	0.02102	-0.01603
4.01E-06	0.000922	0.000126	0.001109	0.148167	0.002001	0.030357	-0.01124

0.000104	0.000554	1.15E-05	8.96E-05	0.185064	-0.01018	0.023539	0.00339
6.91E-05	0.000288	0.000251	0.00014	0.239269	0.008314	0.016982	0.01584
0.000321	0.002556	0.00067	0.001366	0.176938	0.017905	0.050557	0.02589
2.06E-05	0.001517	0.000533	0.002764	0.086204	-0.00453	0.038945	0.023093
0.002062	0.000788	1.73E-10	0.000601	-0.02879	-0.04541	0.028071	-1.3E-05
0.000188	0.000734	0.000478	5.19E-05	-0.03585	-0.0137	0.0271	-0.02185
2.16E-05	0.000957	0.000975	3.63E-05	0.013677	-0.00464	0.030942	-0.03123
0.001285	3.61E-05	0.000263	0.000475	0.045801	0.035844	-0.00601	-0.01622
4.73E-05	0.000167	0.000179	1.46E-05	0.036843	0.006876	0.012938	0.01339
0.001466	0.00011	0.00135	0.000165	-0.00081	0.038295	0.010477	0.036747
1.66E-06	2.33E-06	1.86E-05	1.37E-06	-2.8E-05	0.001287	-0.00153	-0.00432

0.001414	0.000474	0.00033	0.000716
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UNI	ECM/ORCO	ECM/PEG	ECM/PM	ECM/UNI	ORCO/PEG	ORCO/PM
0.056405	-3.30636E-05	-0.00047	-0.00108	0.001558	2.03447E-05	4.68E-05
0.017933	-0.000383144	1.33E-05	-0.00052	0.000252	-2.57487E-05	0.001013
-0.02547	-0.001552198	-0.00092	5.88E-05	-0.00109	0.000773909	-5E-05
-0.0468	-0.002250662	-0.00111	0.000809	-0.00202	0.001330079	-0.00097
-0.0512	-0.001075514	-0.00024	0.000235	-0.00345	5.71621E-05	-5.6E-05
-0.09755	0.001082448	-8.3E-05	-3.5E-05	-0.00212	-0.000189559	-8E-05
-0.06088	0.00050577	0.000207	-3E-05	-0.00066	0.000888171	-0.00013
-0.01584	0.0028226	0.000555	-0.00016	-0.00053	0.001377998	-0.00039
0.013631	0.004778582	0.000507	-0.001	0.000581	0.001333547	-0.00263
0.040373	0.000491149	3E-05	-6.4E-05	0.000128	0.001455282	-0.00311
0.027553	0.002291768	0.000155	-0.00044	0.001065	0.000237365	-0.00068
0.01675	0.003742239	-0.00333	-0.00229	0.001116	-0.002805382	-0.00193
0.000447	-0.000383436	0.00023	0.000262	-3.7E-06	-0.001306768	-0.00149
-0.01008	-0.001529838	0.000301	-0.00023	0.000426	-0.000257658	0.000195
-0.03546	0.001523599	0.000997	-0.00101	0.002071	0.000445355	-0.00045
-0.02439	0.003158565	0.001314	-0.00108	0.003355	0.000219391	-0.00018
-0.0161	0.003462506	0.000943	-0.00145	0.002529	0.000132417	-0.0002
0.006697	0.004102884	0.002784	-0.00104	-0.0008	0.000799007	-0.0003
-0.01031	0.003072486	0.005066	0.00204	0.001008	0.001630472	0.000657
-0.01121	0.0019002	0.002412	0.000977	0.000684	0.00123378	0.0005
0.006697	8.13243E-05	0.000221	0.000144	-5.2E-05	0.000295161	0.000192
0.002168	0.000376377	0.000925	0.00044	-6.9E-05	0.000346572	0.000165
-0.00869	-8.35676E-06	-0.00015	-0.00017	-8.2E-05	1.43858E-05	1.63E-05
0.00162	-3.36351E-05	4.84E-05	-2.2E-05	8.58E-06	-5.80929E-05	2.62E-05
0.013966	0.000230928	5.71E-05	4.22E-05	0.000152	0.00011095	8.21E-05
-0.00305	0.000138921	8.42E-05	-0.00011	3.06E-05	0.000116048	-0.00015
0.001017	-3.70686E-05	-8.9E-06	3.47E-05	1.41E-06	0.000171729	-0.00067
0.00414	-8.904E-05	0.000135	-0.00048	-5.2E-05	-7.52249E-05	0.000266
0.001544	-1.26637E-05	3.84E-05	-2.8E-05	-2.1E-06	-0.000274764	0.000198
-0.01848	0.000680077	0.000553	-0.00025	0.000362	0.000977943	-0.00044
-0.00396	0.000327594	0.000258	-6.4E-05	5.77E-05	0.000399741	-9.8E-05
0.004145	0.000176674	0.000139	-3.3E-05	-2.5E-05	0.000663337	-0.00016
0.019651	4.89706E-05	1.93E-06	-2.3E-05	-2.2E-05	7.61328E-05	-0.0009
0.026999	0.000328457	-0.00015	-0.00015	-0.00031	-0.000370049	-0.00038
0.03247	0.000254192	-0.00019	-4.8E-05	-0.00046	-0.00023942	-6.1E-05
0.037032	-8.87335E-05	0.00012	0.000529	0.000925	-1.70292E-05	-7.5E-05
0.02701	0.000228106	0.000452	0.000828	0.000844	0.000105419	0.000193
0.011906	-0.00020959	0.001226	0.000182	0.000641	-8.87714E-05	-1.3E-05
0.00255	-0.000649539	0.000396	0.000333	6.3E-05	-0.000421318	-0.00035
0.017114	2.71506E-05	-0.00027	-0.00028	-0.00021	-4.90529E-05	-5E-05
0.013013	0.00126278	-0.00118	-0.00069	-0.00095	-0.000277394	-0.00016
0.001516	0.002491241	-0.00013	0.000237	-0.00012	-4.82905E-05	8.84E-05
-0.00864	0.003813058	0.001069	0.000815	0.001097	0.000252715	0.000193
0.011385	0.001380434	0.000864	0.000541	-0.00095	0.000172533	0.000108
-0.00768	0.001321363	0.000853	-1.8E-05	0.000671	0.000147629	-3.1E-06
-0.01894	0.001481182	-0.0014	0.001506	0.002222	-0.000151159	0.000162
-0.03263	0.00108089	-0.00246	0.001206	0.002268	-0.000549264	0.00027
-0.03229	-2.77489E-05	0.000483	-0.00037	-0.00074	-2.53715E-05	1.93E-05
-0.0333	0.000296555	0.004498	-0.00167	-0.00493	6.07592E-05	-2.3E-05

-0.00946	-0.001884864	0.004356	0.000627	-0.00175	-0.000239741	-3.5E-05
0.011852	0.001989197	0.004063	0.00379	0.002836	0.000141181	0.000132
0.036954	0.003168055	0.008945	0.004581	0.006539	0.000905208	0.000464
0.052573	-0.000390803	0.003357	0.001991	0.004532	-0.000176556	-0.0001
0.024509	0.001307508	-0.00081	3.78E-07	-0.00071	-0.001274768	5.97E-07
0.007202	0.000491037	-0.00097	0.000783	-0.00026	-0.000371164	0.000299
-0.00603	-6.3529E-05	0.000423	-0.00043	-8.2E-05	-0.000143724	0.000145
0.021793	0.001641656	-0.00028	-0.00074	0.000998	-0.000215299	-0.00058
0.003819	0.000253341	0.000477	0.000493	0.000141	8.89665E-05	9.21E-05
0.012842	-3.11619E-05	-8.5E-06	-3E-05	-1E-05	0.00040121	0.001407
0.00117	-3.58238E-08	4.25E-08	1.2E-07	-3.3E-08	-1.96302E-06	-5.6E-06

0.000784621	0.00059	0.000124	0.000278	0.000128806	-0.00017
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ORCO/UNI	PEG/PM	PEG/UNI	PM/UNI
-6.8E-05	0.000665	-0.00096	-0.00221
-0.00049	-3.5E-05	1.7E-05	-0.00067
0.000922	-2.9E-05	0.000545	-3.5E-05
0.002435	-0.00048	0.001197	-0.00087
0.000817	-1.3E-05	0.000183	-0.00018
-0.00486	6.12E-06	0.000371	0.000157
-0.00284	-5.3E-05	-0.00116	0.000168
-0.00133	-7.6E-05	-0.00026	7.33E-05
0.001529	-0.00028	0.000162	-0.00032
0.006231	-0.00019	0.000381	-0.00081
0.001633	-4.6E-05	0.00011	-0.00031
0.000941	0.001718	-0.00084	-0.00058
2.09E-05	0.000893	-1.3E-05	-1.4E-05
-0.00036	-3.8E-05	7.18E-05	-5.4E-05
0.000925	-0.00029	0.000605	-0.00061
0.00056	-7.5E-05	0.000233	-0.00019
0.000355	-5.6E-05	9.67E-05	-0.00015
-0.00023	-0.0002	-0.00016	5.85E-05
0.000324	0.001083	0.000535	0.000215
0.00035	0.000634	0.000444	0.00018
-7E-05	0.000521	-0.00019	-0.00012
-2.6E-05	0.000405	-6.3E-05	-3E-05
7.68E-06	0.000301	0.000141	0.00016
-1E-05	-3.8E-05	1.48E-05	-6.7E-06
0.000296	2.03E-05	7.31E-05	5.41E-05
4.22E-05	-9.4E-05	2.56E-05	-3.4E-05
-2.7E-05	-0.00016	-6.5E-06	2.54E-05
2.91E-05	-0.0004	-4.4E-05	0.000156
1.47E-05	-0.0006	-4.5E-05	3.22E-05
0.000641	-0.00036	0.000521	-0.00023
8.92E-05	-7.8E-05	7.04E-05	-1.7E-05
-0.00012	-0.00012	-9.5E-05	2.22E-05
-0.00086	-3.5E-05	-3.4E-05	0.000401
-0.00077	0.000171	0.00035	0.000356
-0.00058	4.54E-05	0.000435	0.00011
-0.00013	0.000102	0.000177	0.000784
0.000197	0.000383	0.00039	0.000716
-4.6E-05	7.73E-05	0.000271	4.04E-05
-6.7E-05	0.000216	4.08E-05	3.44E-05
-3.8E-05	0.0005	0.000379	0.000386
-0.00022	0.000152	0.000209	0.000123
-4.6E-05	-4.6E-06	2.4E-06	-4.4E-06
0.000259	5.4E-05	7.27E-05	5.54E-05
-0.00019	6.77E-05	-0.00012	-7.4E-05
0.000116	-2E-06	7.49E-05	-1.6E-06
0.000239	-0.00015	-0.00023	0.000243
0.000507	-0.00061	-0.00115	0.000566
3.9E-05	-0.00034	-0.00068	0.000518
-6.7E-05	-0.00034	-0.00101	0.000374

9.64E-05	7.98E-05	-0.00022	-3.2E-05
9.85E-05	0.000269	0.000201	0.000188
0.000662	0.001309	0.001868	0.000957
-0.00024	0.000899	0.002047	0.001214
-0.00111	-3.7E-07	0.000688	-3.2E-07
-9.9E-05	-0.00059	0.000195	-0.00016
2.8E-05	-0.00097	-0.00019	0.000188
0.000781	9.74E-05	-0.00013	-0.00035
2.63E-05	0.000173	4.94E-05	5.11E-05
0.000492	0.000385	0.000135	0.000472
1.5E-06	6.59E-06	-1.8E-06	-5E-06

0.000113	7.44E-05	9.66E-05	1.67E-05
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