

Table 1: Results of test examples 1-3

N	Pdim	DFRRP				MPRPI				MZPRP				HTTCGP				DFDRP					
		Ipt	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm					
1	5000	x1	1	3	0.0064	0	67	135	0.3243	7.40E-11	1	3	0.1229	0	11	18	0.1959	9.92E-13	1	3	0.1432	0	
	5000	x2	1	3	0.0092	0	72	146	0.2874	9.24E-11	1	3	0.0411	0	3	6	0.0363	0	1	3	0.0852	0	
	5000	x3	1	3	0.0079	0	85	184	0.2970	8.88E-11	11	20	0.0580	1.79E-11	0	4	8	0.0310	0	4	8	0.0310	0
	5000	x4	1	3	0.0074	0	74	149	0.2660	8.79E-11	1	3	0.0091	0	11	18	0.0438	1.25E-21	1	3	0.0145	0	
	5000	x5	1	3	0.0075	0	56	113	0.1967	8.48E-11	1	3	0.0175	0	3	6	0.0204	0	1	3	0.0185	0	
	5000	x6	1	3	0.0071	0	74	149	0.2468	8.80E-11	1	3	0.0135	0	11	18	0.0517	1.25E-21	1	3	0.0093	0	
	10000	x1	1	3	0.0078	0	67	135	0.3290	7.40E-11	1	3	0.0182	0	11	18	0.0832	2.54E-12	1	3	0.0099	0	
	10000	x2	1	3	0.0107	0	73	148	0.3897	9.32E-11	1	3	0.0248	0	3	6	0.0343	0	1	3	0.0156	0	
	10000	x3	1	3	0.0108	0	86	186	0.4470	8.96E-11	2	7	0.0365	0	2	5	0.0346	0	4	8	0.0439	0	
	10000	x4	1	3	0.0103	0	75	151	0.4656	8.87E-11	1	3	0.0122	0	11	18	0.073	1.77E-21	1	3	0.0272	0	
	10000	x5	1	3	0.0100	0	57	115	0.3070	8.55E-11	1	3	0.0133	0	3	6	0.0218	0	1	3	0.0141	0	
	10000	x6	1	3	0.0101	0	75	151	0.3652	8.88E-11	1	3	0.0287	0	11	18	0.0986	1.77E-21	1	3	0.0143	0	
	50000	x1	1	3	0.0321	0	67	135	1.3267	7.40E-11	1	3	0.0463	0	11	18	0.2497	3.59E-12	1	3	0.0698	0	
	50000	x2	1	3	0.0351	0	76	154	1.5614	7.57E-11	2	5	0.0853	0	3	6	0.1192	0	1	3	0.0698	0	
	50000	x3	1	3	0.0321	0	89	192	1.8685	7.28E-11	8	22	0.3719	0	2	5	0.0876	0	4	8	0.1280	0	
	50000	x4	1	3	0.0321	0	78	157	1.6037	7.21E-11	1	3	0.0521	0	11	18	0.2788	3.96E-21	1	3	0.0556	0	
	50000	x5	1	3	0.0337	0	59	119	1.2739	9.74E-11	1	3	0.0545	0	3	6	0.0762	0	1	3	0.0406	0	
	50000	x6	1	3	0.0304	0	78	157	1.5597	7.21E-11	1	3	0.0502	0	11	18	0.2523	3.96E-21	1	3	0.0420	0	
2	5000	x1	1	3	0.0058	0	63	131	0.2193	9.27E-11	2	5	0.0176	0	10	16	0.05	4.74E-13	5	9	0.0377	5.95E-11	
	5000	x2	1	4	0.0065	0	82	171	0.2612	9.26E-11	1	4	0.0137	0	1	4	0.0093	0	1	4	0.0181	0	
	5000	x3	1	3	0.0069	2.22E-16	76	167	0.2360	9.12E-11	2	8	0.0232	0	1	5	0.0152	0	6	12	0.0543	5.11E-13	
	5000	x4	3	6	0.0112	0	82	170	0.2425	7.48E-11	2	5	0.0102	0	4	8	0.0376	0	5	9	0.0260	0	
	5000	x5	1	3	0.0076	0	78	159	0.2577	8.72E-11	1	3	0.0185	0	5	10	0.0449	0	1	3	0.0188	0	
	5000	x6	3	6	0.0101	0	81	168	0.2596	9.95E-11	2	5	0.0237	0	4	8	0.0269	0	5	9	0.0221	0	
	10000	x1	1	3	0.0101	0	63	131	0.2886	9.34E-11	2	5	0.0180	0	****	****	****	****	5	9	0.0221	5.96E-11	
	10000	x2	1	4	0.0087	0	83	173	0.4109	9.35E-11	1	4	0.0110	0	1	4	0.0169	0	1	4	0.0134	0	
	10000	x3	1	3	0.0157	2.22E-16	77	169	0.3826	9.20E-11	2	8	0.0330	0	1	5	0.0143	0	6	12	0.0457	7.22E-13	
	10000	x4	3	6	0.0199	0	83	172	0.3598	7.45E-11	2	5	0.0217	0	4	8	0.0256	0	5	9	0.0365	0	
	10000	x5	1	3	0.0073	0	79	161	0.3450	8.80E-11	1	3	0.0248	0	5	10	0.0299	0	1	3	0.0264	0	
	10000	x6	3	6	0.0189	0	83	172	0.3745	7.25E-11	2	5	0.0183	0	4	8	0.0259	0	5	9	0.0452	5.96E-11	
	50000	x1	1	3	0.0284	0	63	131	1.0637	9.40E-11	2	5	0.0597	0	****	****	****	****	5	9	0.1469	5.96E-11	
	50000	x2	1	4	0.0501	0	86	179	1.5451	7.59E-11	2	7	0.1101	0	1	4	0.0466	0	1	4	0.0548	0	
	50000	x3	1	3	0.0265	2.22E-16	80	175	1.4462	7.48E-11	4	17	0.1907	0	1	5	0.0654	0	6	12	0.1779	1.61E-12	
	50000	x4	3	6	0.0740	0	85	176	1.5131	8.39E-11	2	6	0.0704	0	4	8	0.0875	0	5	9	0.1208	0	
	50000	x5	1	3	0.0297	0	82	167	1.4440	7.15E-11	1	3	0.0400	0	5	10	0.1103	0	1	3	0.0715	0	
	50000	x6	3	6	0.0635	0	85	176	1.4949	8.35E-11	2	6	0.0950	0	4	8	0.0912	0	5	9	0.1474	0	
3	5000	x1	1	4	0.0074	0	75	376	0.3845	9.52E-11	6	14	0.0448	0	4	9	0.0407	0	5	11	0.0296	0	
	5000	x2	3	8	0.0180	0	89	448	0.4554	8.89E-11	1	4	0.0126	0	1	4	0.0209	0	1	4	0.0106	0	
	5000	x3	5	12	0.0191	4.44E-16	41	216	0.2337	7.65E-11	3	11	0.0335	0	3	11	0.0238	0	8	16	0.0470	0	
	5000	x4	1	4	0.0085	0	86	432	0.4553	8.03E-11	1	4	0.0240	0	3	9	0.0429	0	1	4	0.0246	0	
	5000	x5	1	4	0.0085	0	78	392	0.4099	8.80E-11	1	4	0.0220	0	3	9	0.019	0	1	4	0.0175	0	
	5000	x6	1	4	0.0087	0	86	432	0.4291	8.06E-11	1	4	0.0097	0	2	6	0.0176	0	1	4	0.0121	0	
	10000	x1	1	4	0.0121	0	75	376	0.6016	9.52E-11	6	14	0.0572	0	4	9	0.0314	0	5	11	0.0614	0	
	10000	x2	3	8	0.0259	0	90	453	0.7202	8.91E-11	3	10	0.0528	0	1	4	0.0146	0	1	4	0.0274	0	
	10000	x3	5	12	0.0313	4.44E-16	5	53	0.0931	0	4	16	0.0510	0	3	11	0.0385	0	8	16	0.0720	0	
	10000	x4	1	4	0.0114	0	87	437	0.6599	8.43E-11	1	4	0.0270	0	3	9	0.0269	0	1	4	0.0250	0	
	10000	x5	1	4	0.0104	0	79	397	0.6059	9.21E-11	1	4	0.0215	0	3	9	0.0238	0	1	4	0.0166	0	
	10000	x6	1	4	0.0114	0	87	437	0.6900	8.44E-11	1	4	0.0353	0	2	6	0.0388	0	1	4	0.0159	0	
	50000	x1	1	4	0.0443	0	75	376	2.3644	9.52E-11	6	14	0.2314	0	4	9	0.1168	0	5	11	0.1942	0	
	50000	x2	3	8	0.0917	0	93	468	3.0061	7.62E-11	2	9	0.1138	0	1	4	0.0681	0	1	4	0.0774	0	
	50000	x3	5	12	0.1249	4.44E-16	26	135	0.9206	5.47E-12	6	28	0.3620	0	3	11	0.1067	0	8	16	0.2842	0	
	50000	x4	1	4	0.0406	0	90	452	2.9726	7.69E-11	1	4	0.0554	0	3	9	0.1366	0	1	4	0.0627	0	
	50000	x5	1	4	0.0418	0	82	412	2.8233	8.37E-11	1	4	0.0621	0	3	9	0.1036	0	1	4	0.0569	0	
	50000	x6	1	4	0.0468	0	90	452	3.0088	7.70E-11	1	4	0.0569	0	2	6	0.0788	0	1	4	0.0575	0	

Table 2: Results of test examples 4-6

N	Pdim	DFRRP				MPRP1				MZRRP				HTCGP				DDFP				
		Ipt	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm				
4	5000	x1	1	2	0.0069	0	67	132	0.2475	8.23E-11	7	9	0.0348	0	3	5	0.0242	0	2	4	0.0157	0
	5000	x2	2	3	0.0104	0	76	148	0.2860	8.40E-11	2	3	0.0263	0	5	8	0.0506	0	2	4	0.0199	0
	5000	x3	6	9	0.0244	2.22E-16	5	6	0.0413	0	3	4	0.0187	0	3	4	0.0276	0	3	7	0.0290	0
	5000	x4	5	8	0.0178	7.78E-23	73	136	0.2907	9.25E-11	11	16	0.0860	7.19E-11	5	8	0.0353	0	2	4	0.0142	0
	5000	x5	2	3	0.0103	0	82	155	0.3593	8.72E-11	11	16	0.0784	0	7	11	0.0708	0	2	4	0.0114	0
	5000	x6	5	8	0.0197	7.79E-23	73	136	0.3600	8.12E-11	11	16	0.0605	7.20E-11	5	8	0.0465	0	2	4	0.0211	0
	10000	x1	1	2	0.0095	0	67	132	0.4670	8.32E-11	11	15	0.0867	0	3	5	0.0359	0	2	4	0.0377	0
	10000	x2	2	3	0.0149	0	77	150	0.5006	8.59E-11	2	3	0.0198	0	5	8	0.0523	0	2	4	0.0492	0
	10000	x3	6	9	0.0344	3.14E-16	5	6	0.0602	0	7	10	0.0653	0	3	4	0.0445	0	3	7	0.0693	0
	10000	x4	5	8	0.0355	2.82E-23	71	132	0.4232	8.25E-11	11	16	0.0919	7.71E-11	5	8	0.0611	0	2	4	0.0223	0
	10000	x5	2	3	0.0162	0	83	157	0.5413	9.06E-11	11	16	0.0912	0	7	11	0.0627	0	2	4	0.0195	0
	10000	x6	5	8	0.0348	2.82E-23	70	130	0.4783	9.56E-11	11	16	0.0903	7.71E-11	5	8	0.0415	0	2	4	0.0309	0
	50000	x1	1	2	0.0300	0	67	132	1.6621	8.39E-11	11	15	0.3239	0	3	5	0.0955	0	2	4	0.1016	0
	50000	x2	2	3	0.0577	0	79	154	2.0168	9.89E-11	2	4	0.0999	0	5	8	0.1592	0	2	4	0.0837	0
	50000	x3	6	9	0.1316	3.14E-16	5	6	0.1257	0	4	9	0.1685	0	3	4	0.0927	0	3	7	0.1327	0
	50000	x4	5	8	0.1369	2.59E-24	78	146	1.8919	9.30E-11	13	19	0.4500	1.41E-13	5	8	0.1572	0	2	4	0.0844	0
	50000	x5	2	3	0.0518	0	85	161	2.1297	9.13E-11	11	16	0.3298	0	7	11	0.2050	0	2	4	0.0868	0
	50000	x6	5	8	0.1305	2.6E-24	78	146	1.9374	9.11E-11	13	19	0.3977	1.40E-13	5	8	0.1768	0	2	4	0.0940	0
5	5000	x1	1	3	0.0075	0	39	80	0.1558	7.42E-11	1	3	0.0123	0	13	21	0.0668	1.77E-15	1	3	0.0170	0
	5000	x2	1	3	0.0084	0	41	85	0.1426	8.44E-11	1	3	0.0135	0	3	6	0.0234	0	1	3	0.0170	0
	5000	x3	1	3	0.0075	0	37	80	0.1429	5.88E-11	11	20	0.0572	7.39E-11	4	10	0.0234	0	6	12	0.0605	0
	5000	x4	1	3	0.0059	0	42	86	0.1494	7.32E-11	1	3	0.0212	0	11	18	0.0516	2.77E-16	1	3	0.0211	0
	5000	x5	1	3	0.0058	0	25	52	0.0989	4.28E-11	1	3	0.0185	0	3	6	0.0212	0	1	3	0.0090	0
	5000	x6	1	3	0.0073	0	32	65	0.1193	7.93E-11	1	3	0.0092	0	11	18	0.0629	2.77E-16	1	3	0.0202	0
	10000	x1	1	3	0.0103	0	42	85	0.2387	4.16E-11	1	3	0.0141	0	13	21	0.0789	1.78E-15	1	3	0.0165	0
	10000	x2	1	3	0.0193	0	43	89	0.2367	2.12E-11	1	3	0.0151	0	3	6	0.0272	0	1	3	0.0184	0
	10000	x3	1	3	0.0104	0	37	80	0.2229	8.32E-11	2	7	0.0287	0	4	10	0.0396	0	6	12	0.0560	0
	10000	x4	1	3	0.0084	0	44	90	0.2367	6.19E-11	1	3	0.0150	0	11	18	0.0693	3.91E-16	1	3	0.0155	0
	10000	x5	1	3	0.0104	0	25	52	0.1819	6.05E-11	1	3	0.0186	0	3	6	0.0231	0	1	3	0.0185	0
	10000	x6	1	3	0.0101	0	44	90	0.2587	9.70E-12	1	3	0.0173	0	11	18	0.0725	3.92E-16	1	3	0.0102	0
	50000	x1	1	3	0.0309	0	44	91	0.8592	4.59E-11	1	3	0.0485	0	13	21	0.2937	1.77E-15	1	3	0.0480	0
	50000	x2	1	3	0.0348	0	43	89	0.9464	4.73E-11	2	5	0.0951	0	3	6	0.1318	0	1	3	0.0636	0
	50000	x3	1	3	0.0361	0	39	84	0.8672	6.54E-11	13	28	0.4407	0	4	10	0.1695	0	6	12	0.2274	0
	50000	x4	1	3	0.0415	0	43	88	0.9077	8.24E-11	1	3	0.0563	0	11	18	0.2594	8.75E-16	1	3	0.0599	0
	50000	x5	1	3	0.0338	0	27	56	0.6246	6.27E-11	1	3	0.0680	0	3	6	0.0879	0	1	3	0.0427	0
	50000	x6	1	3	0.0423	0	41	84	0.8872	1.84E-11	1	3	0.0690	0	11	18	0.2716	8.76E-16	1	3	0.0569	0
6	5000	x1	6	13	0.0376	1.85E-11	9	19	0.0491	5.05E-11	14	24	0.0993	7.30E-11	***	***	***	***	11	23	0.0934	1.61E-11
	5000	x2	6	13	0.0343	1.49E-11	10	21	0.0662	7.48E-11	14	24	0.1107	4.00E-13	***	***	***	***	11	23	0.1290	1.06E-11
	5000	x3	6	13	0.0347	2.26E-11	15	31	0.0969	8.64E-11	14	24	0.1189	8.79E-12	***	***	***	***	10	21	0.0933	8.74E-11
	5000	x4	6	13	0.0364	1.86E-11	9	19	0.0755	9.84E-11	15	26	0.1183	5.99E-12	***	***	***	***	11	23	0.0848	1.33E-11
	5000	x5	6	13	0.0400	1.86E-11	9	19	0.0502	5.49E-11	14	24	0.1359	4.91E-11	***	***	***	***	11	23	0.0957	1.33E-11
	5000	x6	6	13	0.0448	1.86E-11	9	19	0.0489	9.84E-11	15	26	0.1174	5.99E-12	***	***	***	***	11	23	0.1113	1.33E-11
	10000	x1	6	13	0.0544	2.61E-11	9	19	0.0922	7.12E-11	19	33	0.2748	2.78E-11	***	***	***	***	11	23	0.1574	2.28E-11
	10000	x2	6	13	0.0690	2.10E-11	9	19	0.0889	6.38E-11	16	26	0.2401	2.95E-11	***	***	***	***	11	23	0.1718	1.50E-11
	10000	x3	6	13	0.0620	3.20E-11	10	21	0.1162	4.73E-11	13	23	0.1937	1.76E-11	***	***	***	***	11	23	0.1677	1.03E-11
	10000	x4	6	13	0.0585	2.63E-11	9	19	0.0788	6.56E-11	18	31	0.2008	3.24E-11	***	***	***	***	11	23	0.1732	1.88E-11
	10000	x5	6	13	0.0705	2.63E-11	9	19	0.1101	5.98E-11	19	32	0.2156	4.22E-11	***	***	***	***	11	23	0.1494	1.87E-11
	10000	x6	6	13	0.0595	2.63E-11	9	19	0.1305	6.56E-11	18	31	0.2380	3.23E-11	***	***	***	***	11	23	0.1722	1.88E-11
	50000	x1	6	13	0.2435	5.84E-11	10	21	0.4180	6.33E-12	23	42	1.1202	2.13E-11	***	***	***	***	11	23	0.5866	5.11E-11
	50000	x2	6	13	0.2537	4.71E-11	10	21	0.4067	4.19E-12	19	36	0.9649	1.14E-11	***	***	***	***	11	23	0.6021	3.36E-11
	50000	x3	6	13	0.2451	7.15E-11	9	19	0.3867	7.27E-11	17	30	0.9160	5.27E-12	***	***	***	***	11	23	0.6158	2.31E-11
	50000	x4	6	13	0.2484	5.88E-11	10	21	0.5163	5.27E-12	20	36	0.9790	2.79E-11	***	***	***	***	11	23	0.5995	4.20E-11
	50000	x5	6	13	0.2574	5.87E-11	11	22	0.4441	8.16E-11	20	37	0.9824	1.97E-11	***	***	***	***	11	23	0.6391	4.20E-11
	50000	x6	6	13	0.2517	5.88E-11	10	21	0.4605	5.27E-12	20	36	0.9771	2.79E-11	***	***	***	***	11	23	0.5666	4.20E-11

Table 3: Results of test examples 7-8

N	Pdim	DFPRP				MPRP1				MZPRP				HTCGP				DFDFP				
		Ipt	Nit	Fval	Norm	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm	Nit	Fval	Ptime	Norm	
7	5000	x1	8	15	0.0333	2.23E-12	65	308	0.3780	9.30E-11	27	68	0.1844	4.57E-11	****	****	****	****	13	27	0.0904	1.11E-11
	5000	x2	10	18	0.0477	6.04E-11	62	307	0.3465	9.11E-11	21	53	0.1423	3.96E-11	****	****	****	****	12	29	0.0924	2.26E-11
	5000	x3	13	24	0.0531	6.16E-12	70	341	0.3636	8.67E-11	27	68	0.1632	8.33E-11	****	****	****	****	13	27	0.1109	5.01E-11
	5000	x4	17	30	0.0668	1.91E-12	66	330	0.4004	9.85E-11	26	66	0.1696	9.39E-11	****	****	****	****	13	27	0.0717	5.23E-11
	5000	x5	13	22	0.0512	8.99E-11	65	325	0.3834	9.90E-11	27	68	0.1703	8.58E-11	****	****	****	****	12	25	0.0702	6.36E-11
	5000	x6	17	30	0.0715	1.75E-12	66	330	0.3814	9.86E-11	26	66	0.1574	9.42E-11	****	****	****	****	13	27	0.0811	5.22E-11
	10000	x1	8	15	0.0566	3.14E-12	62	300	0.5641	9.92E-11	26	66	0.2402	7.10E-11	****	****	****	****	13	27	0.1331	1.58E-11
	10000	x2	10	18	0.0665	8.54E-11	63	312	0.5805	8.57E-11	21	53	0.2528	5.60E-11	****	****	****	****	12	29	0.1590	3.20E-11
	10000	x3	17	30	0.1189	7.31E-12	71	346	0.6121	8.15E-11	29	73	0.3219	1.49E-11	****	****	****	****	13	27	0.1488	7.09E-11
	10000	x4	17	30	0.1024	2.64E-12	67	335	0.6144	9.26E-11	28	71	0.2963	1.68E-11	****	****	****	****	13	27	0.1369	7.39E-11
	10000	x5	13	24	0.0875	9.80E-13	66	330	0.6009	9.31E-11	29	73	0.2961	1.53E-11	****	****	****	****	12	25	0.1078	8.99E-11
	10000	x6	17	30	0.1257	2.53E-12	67	335	0.6335	9.27E-11	28	71	0.2793	1.68E-11	****	****	****	****	13	27	0.1330	7.39E-11
	50000	x1	8	15	0.2434	7.01E-12	62	306	2.4507	7.34E-11	28	71	1.0639	1.91E-11	****	****	****	****	13	27	0.4771	3.53E-11
	50000	x2	10	20	0.3103	1.48E-12	65	322	2.3498	8.47E-11	23	58	0.8830	1.07E-11	****	****	****	****	12	29	0.5017	7.15E-11
	50000	x3	18	30	0.5034	5.14E-11	73	356	2.6905	8.06E-11	28	71	1.0180	4.14E-11	****	****	****	****	14	29	0.5311	1.40E-11
	50000	x4	17	30	0.4261	5.81E-12	69	345	2.5694	9.16E-11	28	71	1.1128	3.75E-11	****	****	****	****	14	29	0.5451	1.47E-11
	50000	x5	13	24	0.3545	2.19E-12	68	340	2.4487	9.21E-11	29	73	1.0658	3.41E-11	****	****	****	****	13	27	0.4865	1.78E-11
	50000	x6	17	30	0.4056	5.76E-12	69	345	2.6462	9.16E-11	28	71	1.0644	3.76E-11	****	****	****	****	14	29	0.5404	1.47E-11
8	5000	x1	11	23	0.0656	8.65E-11	31	81	0.1768	4.89E-11	20	41	0.1674	2.57E-11	****	****	****	****	14	26	0.1007	2.41E-11
	5000	x2	11	25	0.0664	8.60E-11	30	77	0.1985	1.00E-10	20	41	0.1701	5.33E-11	****	****	****	****	14	27	0.1158	1.49E-11
	5000	x3	12	25	0.0698	4.63E-11	32	86	0.2016	9.86E-11	18	37	0.1570	3.80E-11	****	****	****	****	13	25	0.0934	9.74E-11
	5000	x4	11	25	0.0623	7.91E-11	31	83	0.1822	8.10E-11	18	37	0.1444	4.01E-11	****	****	****	****	14	27	0.1139	2.89E-11
	5000	x5	11	23	0.0658	7.22E-11	35	88	0.2038	7.57E-11	20	41	0.1385	3.76E-11	****	****	****	****	13	25	0.0799	5.90E-11
	5000	x6	11	25	0.0690	4.86E-11	37	97	0.2103	9.24E-11	19	39	0.1510	9.34E-11	****	****	****	****	13	25	0.0943	6.64E-11
	10000	x1	12	27	0.1246	6.04E-11	36	92	0.3391	1.00E-11	24	48	0.2866	5.33E-11	****	****	****	****	15	28	0.1935	1.75E-11
	10000	x2	11	23	0.1175	6.57E-11	31	77	0.2883	5.75E-11	20	41	0.2415	7.80E-11	****	****	****	****	14	27	0.2080	1.54E-11
	10000	x3	12	27	0.1226	3.16E-11	38	90	0.3372	7.73E-11	19	39	0.2394	3.14E-11	****	****	****	****	11	22	0.1365	8.63E-11
	10000	x4	12	27	0.1161	8.13E-11	38	93	0.3352	8.93E-12	23	46	0.2646	2.13E-11	****	****	****	****	13	26	0.1617	1.82E-11
	10000	x5	12	27	0.1249	6.58E-11	34	95	0.3693	9.34E-11	24	48	0.3068	1.61E-11	****	****	****	****	17	30	0.1967	3.17E-11
	10000	x6	12	27	0.1211	7.45E-11	46	114	0.4468	1.44E-11	25	49	0.2734	7.59E-11	****	****	****	****	14	27	0.1548	1.06E-12
	50000	x1	14	29	0.5131	3.13E-11	44	104	1.6574	6.22E-11	25	54	1.3137	3.69E-11	****	****	****	****	16	30	0.7808	9.82E-12
	50000	x2	13	29	0.5008	9.21E-11	54	123	2.0339	7.96E-12	26	52	1.2781	2.03E-11	****	****	****	****	15	28	0.7686	2.49E-11
	50000	x3	14	29	0.5097	3.77E-11	35	92	1.4072	9.00E-11	22	45	1.1048	7.40E-11	****	****	****	****	16	30	0.7757	2.34E-11
	50000	x4	14	29	0.5242	4.56E-11	42	111	1.6541	3.25E-11	23	49	1.2013	3.68E-11	****	****	****	****	13	25	0.6777	6.79E-11
	50000	x5	14	29	0.5297	3.69E-11	51	134	2.0033	2.72E-11	24	50	1.1925	7.09E-11	****	****	****	****	16	29	0.7447	3.23E-11
	50000	x6	14	29	0.4961	4.24E-11	34	89	1.3974	2.60E-11	25	52	1.2234	5.53E-11	****	****	****	****	16	29	0.7791	2.26E-11