

----- S C I N T R E X -----
 IPR-12 MULTI-CHANNEL IP-RECEIVER V4.0

Job #: 29 Date: 08/09/04
 Operator: D29 Serial #: 29
 P-Line: 0N Units: Metre
 Array: Pole-Dipole Mx From: 340 ms To: 520 ms

Station	P1 C-Line	P2 C1	P3 C2	P4 Curr.	P5 Timing	P6 Time	P7 	P8	P9
D:	VP M1 M8	SP M2 M9	Mx M3 M10	S.D. M4 M11	Res. M5 M12	M6 M13	Dur. K-Fact. M7 M'' M14 RMS%	Rho Tau wi	
* 20N	10N ON	5N 20N	0N 10219N	10S 700	20S 4	30S 09:44:54	50S 	70S	90S
1:	1108.03 6.52	-10 16.50 5.40	7.31 14.12 4.45	0.03 12.32 3.64	7.6 10.65 2.95	9.16 2.37	6 7.74 1.87	188.5 71.1 0.928	298 0.03125 13
2:	580.44 8.19	2 19.80 6.86	9.15 17.12 5.71	0.00 15.02 4.70	7.7 13.09 3.84	11.35 3.12	6 9.68 2.48	377.0 76.5 1.212	313 0.12500 13
* 30N	20N ON	15N 30N	10N 10229N	0N 700	10S 4	20S 09:48:53	40S 	60S	80S
1:	979.64 6.41	-8 16.06 5.34	7.19 13.73 4.40	0.03 12.01 3.59	0.8 10.41 2.94	8.97 2.36	5 7.60 1.88	188.5 64.4 0.935	264 0.06250 13
2:	625.24 8.03	-1 19.05 6.73	8.96 16.54 5.61	0.00 14.58 4.63	7.2 12.73 3.80	11.08 3.08	5 9.47 2.47	377.0 70.8 0.981	337 0.25000 13
3:	558.82 10.93	4 25.17 9.21	12.16 22.00 7.72	0.00 19.46 6.41	7.1 17.07 5.28	14.93 4.31	5 12.83 3.48	377.0 91.6 1.184	301 0.50000 13
* 40N	20N ON	15N 40N	10N 10229N	0N 700	10S 4	20S 09:51:34	40S 	60S	80S
1:	346.12 10.25	-8 23.86 8.62	11.41 20.82 7.21	0.01 18.39 5.97	1.1 16.11 4.91	14.05 4.00	5 12.05 3.28	628.3 86.2 1.287	311 0.50000 13
2:	252.25 12.12	-0 27.43 10.23	13.47 24.09 8.57	0.02 21.39 7.12	7.6 18.82 5.88	16.48 4.80	5 14.20 3.95	942.5 98.2 1.244	340 1.00000 13
3:	262.72 15.16	5 34.07 12.81	16.84 29.99 10.75	0.00 26.64 8.94	7.2 23.44 7.38	20.56 6.04	5 17.75 5.02	754.0 121.6 1.333	283 1.00000 13
* 50N	40N ON	35N 50N	30N 10249N	20N 700	10N 4	0N 09:55:48	20S 	40S	60S
1:	897.74 6.48	-9 16.18 5.38	7.28 13.90 4.44	0.00 12.16 3.63	7.4 10.54 2.94	9.10 2.37	5 7.71 1.89	188.5 65.0 0.746	242 0.06250 13

D29_RAW.txt

2:	425.18	5	8.82	0.00	7.3		5	377.0	229
	18.81		16.32	14.38	12.56	10.92	9.32	69.8	0.25000
	7.90	6.62	5.52	4.56	3.73	3.04	2.46	1.183	13
3:	560.75	4	12.12	0.01	0.9		5	377.0	302
	25.22		22.02	19.48	17.07	14.90	12.79	91.5	0.50000
	10.89	9.17	7.68	6.37	5.26	4.30	3.51	1.392	13
4:	275.26	6	16.93	0.01	0.6		5	754.0	296
	34.08		30.03	26.71	23.55	20.67	17.84	122.6	1.00000
	15.26	12.93	10.87	9.06	7.51	6.17	5.05	1.393	13
5:	142.72	-12	21.19	0.04	0.8		5	1256.7	256
	42.49		37.53	33.38	29.47	25.85	22.33	149.2	2.00000
	19.11	16.21	13.66	11.38	9.43	7.77	6.38	1.445	13

*

	60N	40N ON	35N 60N	30N 10249N	20N 700	10N 4	ON 09:58:50	20S	40S	60S
1:	262.18	-9	10.74	0.01	7.4		5	628.3	235	
	21.98		19.25	17.09	15.03	13.17	11.32	79.2	1.00000	
	9.70	8.18	6.85	5.70	4.70	3.85	3.13	1.213	13	
2:	153.83	6	13.16	0.01	7.3		5	942.5	207	
	26.49		23.31	20.76	18.31	16.07	13.86	96.5	1.00000	
	11.91	10.08	8.45	7.06	5.84	4.79	3.92	1.318	13	
3:	239.25	4	17.00	0.04	0.6		5	754.0	258	
	34.13		30.09	26.77	23.61	20.74	17.89	121.4	2.00000	
	15.41	13.05	10.92	9.17	7.56	6.21	5.08	1.387	13	
4:	141.89	5	21.62	0.05	0.6		5	1256.7	255	
	42.87		37.92	33.83	29.88	26.31	22.73	151.9	2.00000	
	19.64	16.63	13.93	11.71	9.66	7.93	6.49	1.031	13	
5:	85.11	-13	24.87	0.14	0.8		5	1885.0	229	
	49.36		43.69	38.96	34.41	30.28	26.13	172.8	2.00000	
	22.65	19.20	15.96	13.53	11.10	9.10	7.46	1.061	13	

*

	70N	60N ON	55N 70N	50N 10269N	40N 874	30N 4	20N 10:02:56	ON	20S	40S
1:	1500.32	-9	6.11	0.01	7.5		5	188.5	324	
	13.99		11.88	10.33	8.91	7.65	6.48	55.2	0.06250	
	5.44	4.51	3.74	3.06	2.48	2.00	1.62	1.559	13	
2:	793.33	6	8.36	0.00	7.7		5	377.0	342	
	18.11		15.63	13.73	11.95	10.37	8.84	70.1	0.12500	
	7.48	6.25	5.20	4.28	3.51	2.85	2.30	1.446	13	
3:	696.72	4	10.52	0.01	1.2		5	377.0	301	
	21.74		18.97	16.80	14.75	12.89	11.09	77.7	1.00000	
	9.47	7.98	6.69	5.57	4.60	3.77	3.08	1.571	13	
4:	291.52	-5	15.63	0.02	0.9		5	754.0	251	
	31.09		27.44	24.48	21.62	19.01	16.45	112.1	2.00000	
	14.12	11.95	10.07	8.42	6.99	5.74	4.71	1.212	13	
5:	191.74	11	20.87	0.03	0.8		5	1256.7	276	
	41.44		36.64	32.69	28.86	25.36	21.97	147.1	2.00000	
	18.87	15.97	13.47	11.28	9.36	7.71	6.31	1.220	13	
6:	204.74	-5	25.80	0.07	0.8		5	1099.6	258	
	51.04		45.19	40.40	35.66	31.34	27.16	178.7	2.00000	
	23.36	19.73	16.63	13.95	11.59	9.51	7.78	1.121	13	

D29_RAW.txt

*	80N	60N 0N	55N 80N	50N 10269N	40N 873	30N 4	20N 10:06:02	0N	20S	40S
1:	460.38		-9	10.22	0.03	7.5		5	628.3	331
	9.17		21.87	18.95	16.66	14.54	12.64	10.80	81.0	0.25000
			7.72	6.43	5.34	4.38	3.57	2.88	1.478	13
2:	287.86		6	12.78	0.05	7.7		5	942.5	311
	11.49		26.70	23.32	20.61	18.05	15.75	13.50	96.3	0.50000
			9.71	8.09	6.73	5.53	4.52	3.67	1.236	13
3:	303.20		4	15.62	0.11	1.1		5	754.0	262
	14.10		31.75	27.90	24.77	21.80	19.10	16.46	113.8	1.00000
			12.01	10.03	8.41	6.93	5.69	4.64	1.328	13
4:	153.39		-4	21.01	0.20	0.9		5	1256.7	221
	19.01		41.68	36.89	32.90	29.07	25.58	22.12	148.3	2.00000
			16.28	13.60	11.45	9.46	7.78	6.35	1.112	13
5:	114.05		10	25.56	0.34	0.8		5	1885.0	246
	23.17		50.74	44.94	40.03	35.39	31.13	26.91	178.0	2.00000
			19.86	16.57	14.00	11.56	9.50	7.77	1.210	13
6:	136.79		-5	29.11	0.55	0.9		5	1508.0	236
	26.40		57.61	51.08	45.55	40.27	35.44	30.65	200.7	2.00000
			22.77	18.91	16.05	13.23	10.88	8.90	1.332	13

*	90N	80N 0N	75N 90N	70N 10289N	60N 610	50N 4	40N 10:09:17	20N	0N	20S
1:	1298.69		-4	6.05	0.00	8.3		5	188.5	401
	5.43		13.14	11.27	9.92	8.63	7.49	6.40	48.5	0.25000
			4.56	3.79	3.14	2.57	2.11	1.70	1.634	13
2:	688.72		2	7.84	0.01	8.3		5	377.0	426
	7.04		16.35	14.19	12.54	11.00	9.62	8.27	58.5	1.00000
			5.95	4.99	4.15	3.43	2.82	2.31	1.850	13
3:	388.38		5	11.07	0.04	1.5		5	377.0	240
	9.92		23.51	20.38	17.92	15.65	13.64	11.69	84.1	0.50000
			8.35	7.00	5.80	4.81	3.95	3.23	1.903	13
4:	215.48		1	15.91	0.07	0.9		5	754.0	266
	14.29		32.81	28.72	25.40	22.29	19.53	16.79	115.8	1.00000
			12.08	10.15	8.44	7.01	5.76	4.75	1.747	13
5:	109.33		-8	20.93	0.18	1.0		5	1256.7	225
	18.78		41.94	36.99	32.89	29.04	25.54	22.06	147.8	2.00000
			15.93	13.47	11.25	9.42	7.77	6.42	1.747	13
6:	115.26		8	28.16	0.31	1.0		5	1099.6	208
	25.31		55.11	48.87	43.63	38.61	34.20	29.66	194.4	4.00000
			21.58	18.37	15.38	13.02	10.82	9.03	2.076	13
7:	67.39		-3	33.27	0.50	1.2		5	1979.3	219
	29.69		64.96	57.69	51.53	45.67	40.45	35.06	227.9	8.00000
			25.34	21.61	18.18	15.51	12.96	10.89	2.682	13

*	100N	80N 0N	75N 100N	70N 10289N	60N 610	50N 4	40N 10:12:05	20N	0N	20S
1:	294.86		-4	10.45	0.00	8.0		5	628.3	304
	9.41		21.38	18.72	16.60	14.59	12.79	11.02	77.2	1.00000
			7.95	6.67	5.55	4.58	3.77	3.07	1.324	13

D29_RAW.txt

2:	195.09	2	12.47	0.00	8.0		5	942.5	301
		25.29	22.23	19.73	17.38	15.25	13.14	91.6	1.00000
	11.24	9.51	7.99	6.65	5.50	4.53	3.71	1.346	13
3:	140.98	6	16.03	0.00	1.2		5	754.0	174
		33.14	29.04	25.68	22.51	19.67	16.92	116.4	1.00000
	14.41	12.17	10.20	8.48	6.99	5.75	4.70	1.638	13
4:	102.47	1	21.18	0.00	0.8		5	1256.7	211
		43.05	37.94	33.66	29.59	25.93	22.33	151.0	1.00000
	19.07	16.10	13.51	11.24	9.27	7.63	6.22	1.220	13
5:	62.52	-8	26.10	0.01	1.0		5	1885.0	193
		52.01	46.07	41.04	36.20	31.81	27.49	180.5	2.00000
	23.55	19.95	16.79	14.01	11.59	9.57	7.84	1.296	13
6:	75.25	8	32.15	0.00	0.9		5	1508.0	186
		63.17	56.17	50.18	44.36	39.06	33.84	218.2	2.00000
	29.05	24.66	20.80	17.40	14.43	11.99	9.84	1.321	13
7:	49.06	-3	35.60	0.04	1.4		5	2513.5	202
		70.08	62.36	55.69	49.20	43.29	37.48	239.2	2.00000
	32.16	27.29	23.03	19.28	15.97	13.36	10.97	1.509	13

*

	110N	100N ON	95N 110N	90N 10309N	80N 610	70N 4	60N 10:16:07	40N	20N	ON
1:	749.77	2	7.09	0.00	3.7		5	188.5	232	
		15.11	13.05	11.50	10.05	8.75	7.49	56.4	0.25000	
	6.36	5.33	4.45	3.67	3.01	2.45	1.98	1.215	13	
2:	326.67	-4	9.58	0.00	9.1		5	377.0	202	
		20.02	17.41	15.39	13.49	11.77	10.11	72.7	0.50000	
	8.61	7.25	6.07	5.02	4.13	3.37	2.74	1.218	13	
3:	323.19	8	12.73	0.00	8.5		5	377.0	200	
		25.99	22.80	20.23	17.80	15.59	13.43	93.0	1.00000	
	11.46	9.66	8.11	6.73	5.55	4.54	3.69	1.189	13	
4:	163.77	-7	17.81	0.00	2.8		5	754.0	202	
		35.85	31.61	28.10	24.76	21.73	18.76	128.1	1.00000	
	16.04	13.56	11.39	9.47	7.83	6.41	5.23	1.016	13	
5:	64.47	11	22.43	0.02	1.9		5	1256.7	133	
		45.63	40.16	35.63	31.34	27.44	23.65	159.0	1.00000	
	20.18	17.03	14.29	11.89	9.81	8.03	6.54	1.155	13	
6:	98.14	-4	28.87	0.04	1.0		5	1099.6	177	
		57.64	50.99	45.43	40.10	35.20	30.41	200.8	1.00000	
	26.03	22.03	18.54	15.45	12.79	10.49	8.54	1.179	13	
7:	52.66	-4	36.45	0.10	2.8		5	1979.3	171	
		71.49	63.54	56.80	50.30	44.27	38.36	243.4	2.00000	
	32.92	27.96	23.59	19.72	16.39	13.48	11.00	0.986	13	
8:	37.16	1	38.67	0.14	3.4		5	3110.5	190	
		75.74	67.32	60.18	53.32	46.93	40.69	256.4	2.00000	
	34.92	29.67	25.04	20.95	17.43	14.35	11.67	1.022	13	

*

	120N	100N ON	95N 120N	90N 10309N	80N 610	70N 4	60N 10:19:02	40N	20N	ON
1:	215.16	1	12.57	0.03	3.4		5	628.3	222	
		25.77	22.59	20.05	17.61	15.41	13.26	94.5	0.50000	
	11.30	9.53	7.98	6.62	5.45	4.46	3.63	1.299	13	

D29_RAW.txt

2:	124.92	-3	15.05	0.01	9.0		5	942.5	193
		30.66	26.95	23.91	21.04	18.42	15.87	109.1	1.00000
	13.54	11.42	9.57	7.96	6.54	5.35	4.36	1.158	13
3:	161.02	7	17.91	0.00	8.2		5	754.0	199
		36.08	31.84	28.32	24.95	21.89	18.87	128.7	1.00000
	16.13	13.64	11.45	9.51	7.85	6.42	5.24	0.920	13
4:	101.07	-6	22.27	0.01	2.6		5	1256.7	208
		44.34	39.26	35.00	30.90	27.15	23.45	158.0	1.00000
	20.08	17.00	14.31	11.92	9.85	8.08	6.59	1.181	13
5:	44.46	10	26.19	0.00	1.8		5	1885.0	137
		52.74	46.58	41.40	36.46	32.01	27.61	183.6	1.00000
	23.60	19.97	16.78	13.96	11.52	9.44	7.69	0.992	13
6:	74.11	-5	31.97	0.00	0.9		5	1508.0	183
		63.34	56.21	50.13	44.30	38.96	33.66	216.4	2.00000
	28.90	24.48	20.62	17.18	14.21	11.66	9.50	1.021	13
7:	42.42	-2	38.70	0.00	2.7		5	2513.5	175
		75.59	67.31	60.18	53.31	47.01	40.71	256.6	2.00000
	35.06	29.81	25.18	20.97	17.39	14.29	11.66	0.851	13
8:	31.07	0	40.30	0.00	3.2		5	3770.3	192
		78.78	70.10	62.64	55.49	49.00	42.40	266.2	2.00000
	36.56	31.05	26.26	21.91	18.17	14.95	12.19	0.970	13

*

	130N	120N ON	115N 130N	110N 10329N	100N 610	90N 4	80N 10:26:37	60N	40N	20N
1:	735.78		1	8.60	0.02	1.9		5	188.5	227
		17.92	15.61	13.81	12.11	10.57	9.07	65.2	0.50000	
	7.73	6.49	5.41	4.48	3.69	3.00	2.43	1.067	13	
2:	249.80	-9	11.33	0.03	8.2		5	377.0	154	
		23.23	20.35	18.07	15.87	13.87	11.94	85.4	0.50000	
	10.21	8.59	7.17	5.96	4.92	4.01	3.26	1.208	13	
3:	287.13	12	16.84	0.08	8.9		5	377.0	177	
		34.00	29.97	26.67	23.48	20.55	17.72	121.3	1.00000	
	15.21	12.80	10.69	8.91	7.38	6.02	4.90	0.964	13	
4:	144.82	6	20.74	0.14	1.8		5	754.0	179	
		41.69	36.83	32.79	28.85	25.24	21.81	147.8	1.00000	
	18.79	15.79	13.16	11.02	9.19	7.48	6.11	1.170	13	
5:	91.13	-10	23.41	0.26	1.6		5	1256.7	188	
		46.71	41.38	36.90	32.50	28.42	24.60	165.7	1.00000	
	21.27	17.88	14.90	12.50	10.46	8.52	6.95	1.405	13	
6:	95.97	8	27.81	0.43	1.4		5	1099.6	173	
		55.21	48.96	43.69	38.47	33.61	29.15	191.0	2.00000	
	25.34	21.22	17.64	14.90	12.54	10.21	8.36	1.461	13	
7:	56.08	-6	34.80	0.67	3.8		5	1979.3	182	
		68.88	61.17	54.63	48.09	41.97	36.44	233.8	2.00000	
	31.84	26.59	22.04	18.67	15.82	12.87	10.55	1.597	13	
8:	33.85	5	40.77	1.13	3.7		5	3110.5	173	
		79.49	70.88	63.51	55.91	48.70	42.53	267.0	4.00000	
	37.49	31.20	25.73	22.06	18.82	15.28	12.57	1.973	13	

*

	140N	120N ON	115N 140N	110N 10329N	100N 720	90N 4	80N 10:29:26	60N	40N	20N
--	------	------------	--------------	----------------	-------------	----------	-----------------	-----	-----	-----

D29_RAW.txt

1:	230.55	2	18.02	0.00	1.3		5	628.3	201
		35.61	31.60	28.21	24.94	21.95	18.99	127.5	2.00000
	16.25	13.76	11.57	9.63	7.95	6.51	5.33	1.069	13
2:	102.77	-10	20.40	0.00	8.3		5	942.5	135
		40.34	35.80	31.96	28.28	24.84	21.49	143.2	2.00000
	18.39	15.57	13.08	10.90	9.01	7.36	6.06	1.129	13
3:	177.68	13	22.67	0.02	8.9		5	754.0	186
		44.99	39.89	35.59	31.44	27.64	23.89	160.5	1.00000
	20.43	17.31	14.55	12.11	10.00	8.18	6.73	1.168	13
4:	111.49	7	24.15	0.03	1.7		5	1256.7	195
		48.03	42.56	37.96	33.52	29.45	25.45	170.2	1.00000
	21.76	18.41	15.46	12.93	10.64	8.68	7.19	1.176	13
5:	78.13	-10	25.76	0.03	1.5		5	1885.0	205
		50.86	45.15	40.33	35.65	31.36	27.14	177.9	2.00000
	23.22	19.67	16.54	13.86	11.39	9.33	7.79	1.174	13
6:	87.39	8	29.65	0.03	1.4		5	1508.0	183
		58.38	51.85	46.33	40.98	36.06	31.23	202.5	2.00000
	26.74	22.68	19.09	16.06	13.19	10.81	9.11	1.342	13
7:	54.69	-6	35.90	0.04	3.7		5	2513.5	191
		70.55	62.72	56.07	49.61	43.66	37.82	240.4	2.00000
	32.38	27.46	23.12	19.53	16.01	13.09	11.16	1.575	13
8:	34.07	5	41.58	0.08	3.6		5	3770.3	178
		80.66	71.93	64.46	57.16	50.40	43.79	271.9	4.00000
	37.53	31.92	26.91	22.82	18.69	15.30	13.20	1.749	13

*

	150N	140N ON	135N 150N	130N 10349N	120N 593	110N 4	100N 10:32:28	80N	60N	40N
1:	391.11		-9	11.76	0.00	8.4		5	188.5	124
		24.19	21.22	18.83	16.53	14.45	12.41	88.1	0.50000	
	10.56	8.89	7.42	6.13	5.03	4.08	3.30	0.678		13
2:	228.26		8	17.59	0.01	8.4		5	377.0	145
		35.15	31.09	27.71	24.46	21.49	18.54	126.2	1.00000	
	15.86	13.39	11.23	9.32	7.68	6.28	5.10	0.641		13
3:	301.55		6	21.39	0.00	1.6		5	377.0	192
		42.28	37.50	33.51	29.63	26.05	22.53	151.8	1.00000	
	19.29	16.31	13.71	11.41	9.42	7.74	6.30	1.055		13
4:	141.34		-7	24.28	0.00	1.6		5	754.0	180
		47.96	42.52	37.99	33.63	29.56	25.57	170.5	1.00000	
	21.92	18.56	15.63	13.02	10.78	8.63	7.00	0.794		13
5:	95.02		11	24.48	0.00	1.8		5	1256.7	201
		48.78	43.18	38.52	34.01	29.91	25.80	172.3	1.00000	
	22.07	18.67	15.69	13.05	10.79	8.83	7.17	0.861		13
6:	113.93		1	25.80	0.00	1.9		5	1099.6	211
		51.25	45.38	40.51	35.80	31.55	27.19	178.5	2.00000	
	23.25	19.68	16.58	13.86	11.51	9.46	7.73	1.193		13
7:	56.39		-4	30.31	0.00	4.3		5	1979.3	188
		59.76	52.99	47.33	41.86	37.08	31.90	207.2	2.00000	
	27.38	23.20	19.56	16.38	13.62	11.32	9.33	1.467		13
8:	37.15		2	36.32	0.00	4.3		5	3110.5	195
		71.45	63.42	56.74	50.23	44.48	38.26	243.8	2.00000	
	32.75	27.81	23.48	19.72	16.48	13.67	11.20	1.565		13

D29_RAW.txt

*

	160N	140N ON	135N 160N	130N 10349N	120N 794	110N 4	100N 10:35:28	80N	60N	40N
1:	57.82		0	-14.59	17.52	8.6		6	628.3	46
	-10.33		-13.58	-10.50	-16.44	-14.24	-9.94	-10.52		99
			-7.96	-7.34	-6.19	-5.84	-2.84	-1.71		
2:	149.71		7	24.82	0.04	8.4		6	942.5	178
	22.43		49.04	43.52	38.88	34.39	30.24	26.14	172.0	2.00000
			19.01	16.02	13.30	11.05	9.06	7.35	0.937	13
3:	243.21		8	25.21	0.02	1.4		6	754.0	231
	22.80		49.78	44.17	39.47	34.91	30.71	26.54	174.6	2.00000
			19.32	16.31	13.53	11.26	9.22	7.47	0.891	13
4:	129.99		-8	26.03	0.07	1.5		6	1256.7	206
	23.60		51.43	45.61	40.76	36.02	31.68	27.39	180.2	2.00000
			20.00	16.94	14.05	11.72	9.61	7.77	0.922	13
5:	96.44		11	25.20	0.08	1.6		6	1885.0	229
	22.88		50.18	44.39	39.61	34.97	30.71	26.51	175.4	2.00000
			19.37	16.42	13.59	11.40	9.34	7.54	1.146	13
6:	122.70		1	26.25	0.14	1.8		6	1508.0	233
	23.90		52.09	46.05	41.09	36.35	31.91	27.58	182.4	2.00000
			20.23	17.26	14.28	11.96	9.81	7.88	1.187	13
7:	63.11		-3	30.72	0.24	3.9		6	2513.5	200
	28.13		60.51	53.54	47.93	42.43	37.26	32.22	210.6	4.00000
			23.84	20.46	16.90	14.30	11.76	9.42	1.452	13
8:	43.03		1	36.68	0.33	3.9		6	3770.3	204
	33.66		71.85	63.68	57.09	50.58	44.41	38.44	246.3	4.00000
			28.53	24.56	20.28	17.15	14.10	11.29	1.401	13

*

	170N	160N ON	155N 170N	150N 10369N	140N 794	130N 4	120N 10:39:01	100N	80N	60N
1:	416.35		-8	7.72	0.00	8.1		5	188.5	99
	6.87		16.96	14.62	12.83	11.14	9.64	8.18	68.7	0.06250
			5.71	4.71	3.85	3.12	2.50	2.00	0.466	13
2:	239.25		6	11.05	0.00	15.3		5	377.0	114
	9.89		23.34	20.33	17.95	15.69	13.65	11.68	86.6	0.25000
			8.29	6.89	5.68	4.66	3.77	3.04	0.802	13
3:	408.76		8	17.12	0.03	8.6		5	377.0	194
	15.39		34.61	30.52	27.16	23.92	20.96	18.05	122.8	1.00000
			12.98	10.87	9.01	7.41	6.04	4.89	1.011	13
4:	209.81		0	26.27	0.02	1.2		5	754.0	199
	23.69		51.92	46.11	41.19	36.41	32.01	27.67	183.7	1.00000
			20.05	16.86	14.03	11.59	9.50	7.75	1.071	13
5:	166.20		-6	26.42	0.00	1.6		5	1256.7	263
	23.82		52.19	46.30	41.39	36.60	32.16	27.81	184.3	1.00000
			20.16	16.95	14.08	11.62	9.50	7.71	0.817	13
6:	168.58		9	26.20	0.03	2.8		5	1099.6	233
	23.62		51.90	45.97	41.10	36.27	31.89	27.60	183.2	1.00000
			19.99	16.81	13.99	11.57	9.47	7.72	1.060	13
7:	98.17		0	26.70	0.02	5.2		5	1979.3	245
	24.06		53.15	46.95	41.97	37.01	32.49	28.12	186.4	1.00000
			20.35	17.12	14.24	11.76	9.62	7.83	0.944	13

D29_RAW.txt

8:	52.41	4	31.45	0.07	4.4		5	3110.5	205
	28.34	61.96	54.82	49.05	43.38	38.14	33.09	212.9	2.00000
		24.03	20.28	16.93	14.03	11.50	9.37	0.908	13
*									
180N	160N	155N	150N	140N	130N	120N	100N	80N	60N
	ON	180N	10369N	741	4		10:41:52		
1:	183.64	-9	12.65	0.04	8.3		5	628.3	156
	11.35	26.31	23.05	20.39	17.90	15.59	13.36	98.7	0.25000
		9.53	7.94	6.55	5.37	4.36	3.52	1.037	13
2:	124.14	4	15.63	0.07	13.6		5	942.5	158
	14.05	32.00	28.16	25.00	21.98	19.18	16.50	116.3	0.50000
		11.85	9.87	8.20	6.74	5.51	4.51	1.126	13
3:	234.90	9	21.06	0.07	7.0		5	754.0	239
	18.98	42.06	37.26	33.18	29.32	25.70	22.20	149.6	1.00000
		16.06	13.43	11.19	9.23	7.55	6.15	0.777	13
4:	134.09	-1	28.36	0.11	1.0		5	1256.7	227
	25.59	55.80	49.66	44.35	39.27	34.51	29.86	193.7	2.00000
		21.68	18.19	15.18	12.55	10.30	8.40	0.927	13
5:	113.02	-6	27.09	0.11	1.4		5	1885.0	288
	24.44	53.33	47.44	42.38	37.50	32.94	28.54	186.0	2.00000
		20.74	17.39	14.50	12.01	9.86	8.04	0.920	13
6:	121.85	8	26.50	0.20	2.4		5	1508.0	248
	23.92	52.36	46.57	41.50	36.73	32.23	27.91	182.8	2.00000
		20.32	17.01	14.24	11.81	9.72	7.96	1.083	13
7:	75.13	0	27.22	0.26	4.8		5	2513.5	255
	24.60	53.76	47.86	42.61	37.74	33.04	28.66	187.8	2.00000
		20.93	17.60	14.66	12.21	10.06	8.24	1.141	13
8:	41.31	4	32.13	0.46	4.1		5	3770.3	210
	29.09	62.72	56.10	49.97	44.44	38.91	33.82	217.8	4.00000
		24.83	20.85	17.50	14.60	12.10	9.95	1.435	13
*									
190N	180N	175N	170N	160N	150N	140N	120N	100N	80N
	ON	190N	10389N	760	4		10:44:57		
1:	514.98	-13	6.79	0.00	7.8		5	188.5	128
	6.02	15.65	13.38	11.63	10.01	8.59	7.22	79.8	0.00781
		4.96	4.05	3.28	2.63	2.09	1.65	0.573	13
2:	263.82	3	9.24	0.00	9.9		5	377.0	131
	8.23	20.24	17.49	15.34	13.33	11.53	9.79	82.0	0.06250
		6.85	5.65	4.61	3.74	3.00	2.40	0.434	13
3:	342.21	9	13.84	0.01	3.7		5	377.0	170
	12.41	28.74	25.18	22.29	19.54	17.07	14.62	107.6	0.25000
		10.42	8.69	7.17	5.87	4.77	3.85	1.019	13
4:	187.92	-10	18.26	0.00	2.4		5	754.0	186
	16.39	37.12	32.71	29.07	25.54	22.39	19.27	134.2	0.50000
		13.81	11.56	9.55	7.86	6.39	5.17	0.727	13
5:	159.22	11	24.21	0.00	1.9		5	1256.7	263
	21.79	48.08	42.68	38.05	33.60	29.54	25.51	170.1	1.00000
		18.45	15.49	12.86	10.61	8.67	7.03	0.623	13
6:	184.98	-0	28.90	0.00	1.6		5	1099.6	268
	26.06	56.99	50.66	45.23	39.99	35.22	30.43	197.0	2.00000
		22.09	18.58	15.45	12.77	10.45	8.51	0.987	13

D29_RAW.txt

7:	98.13	-3	26.89	0.09	5.1		5	1979.3	256
	24.20	53.43	47.36	42.23	37.26	32.81	28.29	185.2	2.00000
		20.55	17.31	14.44	11.97	9.83	8.04	1.197	13

8:	63.85	9	27.77	0.00	4.9		5	3110.5	261
	24.99	54.82	48.74	43.42	38.30	33.82	29.23	190.6	2.00000
		21.27	17.94	14.94	12.41	10.18	8.27	0.977	13

*
 200N 180N 175N 170N 160N 150N 140N 120N 100N 80N
 ON 200N 10389N 640 4 10:47:56|

1:	152.88	-13	12.14	0.02	7.8		5	628.3	150
	10.88	25.22	22.11	19.58	17.18	14.96	12.82	94.5	0.25000
		9.11	7.58	6.24	5.10	4.13	3.34	0.573	13

2:	99.61	4	14.98	0.01	9.2		5	942.5	147
	13.44	30.89	27.12	24.07	21.12	18.43	15.81	111.0	0.50000
		11.28	9.41	7.76	6.36	5.16	4.14	0.860	13

3:	156.89	10	19.05	0.02	2.8		5	754.0	185
	17.12	38.48	33.97	30.26	26.64	23.32	20.09	139.7	0.50000
		14.43	12.07	9.99	8.20	6.68	5.41	0.794	13

4:	98.60	-12	21.98	0.01	2.1		5	1256.7	194
	19.78	44.01	38.95	34.72	30.62	26.85	23.17	155.2	1.00000
		16.70	13.98	11.59	9.53	7.79	6.32	0.671	13

5:	90.23	11	26.72	0.02	1.7		5	1885.0	266
	24.10	52.73	46.82	41.85	37.01	32.53	28.14	186.4	1.00000
		20.40	17.13	14.24	11.75	9.64	7.85	0.949	13

6:	113.94	-0	29.85	0.04	1.5		5	1508.0	268
	26.94	58.69	52.13	46.64	41.25	36.29	31.43	202.7	2.00000
		22.82	19.20	15.98	13.16	10.82	8.82	0.872	13

7:	64.78	-3	27.43	0.00	4.7		5	2513.5	254
	24.74	54.34	48.14	42.98	37.95	33.33	28.87	188.2	2.00000
		20.96	17.65	14.71	12.13	9.99	8.16	1.094	13

8:	44.21	9	28.19	0.01	4.5		5	3770.3	260
	25.43	55.94	49.59	44.39	39.15	34.39	29.67	193.1	2.00000
		21.52	18.13	15.10	12.44	10.24	8.37	1.186	13

*
 210N 200N 195N 190N 180N 170N 160N 140N 120N 100N
 ON 210N 10409N 525 4 10:50:59|

1:	198.33	-12	8.48	0.01	7.1		5	188.5	71
	7.52	19.17	16.51	14.40	12.43	10.68	9.01	89.2	0.01563
		6.21	5.09	4.11	3.30	2.61	2.05	0.642	13

2:	164.49	9	10.73	0.03	7.0		5	377.0	118
	9.56	23.36	20.24	17.76	15.42	13.36	11.37	94.9	0.06250
		7.97	6.59	5.39	4.36	3.52	2.80	0.704	13

3:	175.05	6	13.80	0.02	1.7		5	377.0	126
	12.35	28.91	25.32	22.35	19.54	17.05	14.60	107.0	0.25000
		10.36	8.64	7.07	5.78	4.68	3.76	0.507	13

4:	116.93	-15	18.21	0.00	4.3		5	754.0	168
	16.35	36.93	32.66	29.00	25.48	22.34	19.25	133.9	0.50000
		13.80	11.59	9.53	7.81	6.37	5.14	0.618	13

5:	84.65	12	22.64	0.01	3.8		5	1256.7	203
	20.38	45.37	40.26	35.80	31.49	27.70	23.89	159.8	1.00000
		17.23	14.51	11.95	9.83	8.03	6.53	0.682	13

D29_RAW.txt

6:	113.42	-1	26.33	0.04	1.9		5	1099.6	238
		52.26	46.48	41.41	36.49	32.11	27.77	183.8	1.00000
	23.74	20.11	16.97	13.99	11.51	9.42	7.65	0.619	13
7:	74.05	-4	30.59	0.09	5.2		5	1979.3	279
		60.28	53.68	47.92	42.24	37.23	32.25	207.6	2.00000
	27.60	23.40	19.83	16.39	13.52	11.08	9.03	0.928	13
8:	44.00	8	28.04	0.13	5.6		5	3110.5	261
		55.67	49.67	44.06	38.73	34.20	29.62	195.1	1.00000
	25.27	21.48	18.27	14.94	12.27	10.04	8.19	0.844	13

*

	220N	200N ON	195N 220N	190N 10409N	180N 445	170N 4	160N 10:53:49	140N	120N	100N
1:	84.66	-11	12.05	0.01	7.0		5	628.3	120	
		25.84	22.53	19.82	17.28	14.96	12.76	98.7	0.12500	
	10.75	8.94	7.37	6.06	4.92	3.92	3.13	0.765	13	
2:	82.70	9	14.18	0.01	6.9		5	942.5	175	
		29.94	26.14	23.04	20.15	17.57	15.01	109.8	0.25000	
	12.71	10.64	8.81	7.24	5.90	4.78	3.85	0.744	13	
3:	100.28	7	16.75	0.04	1.5		5	754.0	170	
		34.47	30.29	26.83	23.58	20.62	17.70	123.4	0.50000	
	15.04	12.63	10.49	8.68	7.10	5.76	4.65	0.796	13	
4:	73.47	-15	20.56	0.11	3.3		5	1256.7	207	
		41.26	36.50	32.43	28.67	25.17	21.70	149.7	0.50000	
	18.49	15.59	13.00	10.77	8.83	7.16	5.79	0.715	13	
5:	56.22	11	24.37	0.08	2.9		5	1885.0	238	
		48.50	43.02	38.29	33.85	29.78	25.71	170.7	1.00000	
	21.99	18.54	15.48	12.88	10.58	8.62	7.03	0.510	13	
6:	78.53	-2	27.56	0.09	1.7		5	1508.0	266	
		54.29	48.26	43.02	38.14	33.60	29.06	191.1	1.00000	
	24.85	21.03	17.58	14.64	12.05	9.82	8.00	0.591	13	
7:	53.43	-4	31.23	0.11	4.9		5	2513.5	302	
		61.23	54.48	48.62	43.11	38.04	32.92	210.9	2.00000	
	28.22	23.91	19.97	16.69	13.76	11.26	9.23	0.850	13	
8:	32.55	8	28.66	0.21	5.0		5	3770.3	276	
		56.34	50.09	44.53	39.63	34.97	30.25	198.1	1.00000	
	25.91	21.92	18.23	15.25	12.54	10.18	8.38	0.798	13	

*

	230N	220N ON	215N 230N	210N 10429N	200N 331	190N 4	180N 10:56:49	160N	140N	120N
1:	153.76	-11	8.15	0.00	7.9		5	188.5	88	
		18.33	15.75	13.80	11.92	10.27	8.65	85.2	0.01563	
	7.23	5.95	4.87	3.92	3.14	2.47	1.92	1.361	13	
2:	75.03	5	9.68	0.00	9.8		5	377.0	85	
		21.05	18.22	16.01	13.93	12.07	10.25	85.2	0.06250	
	8.64	7.17	5.91	4.79	3.88	3.07	2.44	0.731	13	
3:	109.46	7	12.25	0.02	3.5		5	377.0	125	
		25.79	22.48	19.88	17.39	15.12	12.94	95.2	0.25000	
	10.99	9.17	7.61	6.23	5.11	4.13	3.30	0.698	13	
4:	78.99	1	16.39	0.03	0.9		5	754.0	180	
		34.13	29.86	26.47	23.18	20.20	17.31	125.9	0.25000	
	14.71	12.31	10.25	8.41	6.90	5.54	4.44	0.415	13	

D29_RAW.txt

5:	52.61	-8	19.57	0.10	1.2		5	1256.7	200
		39.77	34.99	31.10	27.36	23.95	20.63	139.6	1.00000
	17.63	14.83	12.44	10.28	8.50	6.94	5.66	1.141	13
6:	73.06	5	24.37	0.13	1.5		5	1099.6	243
		48.48	42.82	38.26	33.79	29.71	25.68	170.8	1.00000
	22.01	18.55	15.59	12.87	10.66	8.69	7.03	0.540	13
7:	47.04	-7	29.11	0.18	3.8		5	1979.3	281
		57.18	50.65	45.35	40.13	35.35	30.64	198.4	2.00000
	26.35	22.27	18.79	15.56	12.95	10.62	8.63	0.779	13
8:	33.11	8	32.23	0.07	4.2		5	3110.5	311
		63.09	55.96	50.15	44.40	39.05	33.91	216.9	2.00000
	29.20	24.60	20.87	17.25	14.35	11.56	9.48	0.749	13

*

	240N	220N ON	215N 240N	210N 10429N	200N 523	190N 4	180N 11:00:13	160N	140N	120N
1:	90.36	-10	10.60	0.00	7.7		5	628.3	109	
		22.68	19.72	17.37	15.16	13.17	11.21	87.4	0.12500	
	9.47	7.90	6.53	5.35	4.34	3.49	2.81	0.410	13	
2:	58.83	4	12.85	0.06	8.8		5	942.5	106	
		27.03	23.60	20.85	18.27	15.90	13.59	105.3	0.12500	
	11.50	9.62	7.97	6.53	5.28	4.29	3.44	0.829	13	
3:	106.11	8	15.47	0.04	2.5		5	754.0	153	
		31.93	27.98	24.81	21.83	19.07	16.34	119.4	0.25000	
	13.90	11.67	9.71	7.99	6.52	5.29	4.28	0.870	13	
4:	87.09	1	19.19	0.07	0.8		5	1256.7	209	
		39.33	34.57	30.68	27.00	23.59	20.25	140.5	0.50000	
	17.25	14.50	12.08	9.98	8.15	6.62	5.38	0.609	13	
5:	61.51	-7	21.85	0.10	1.0		5	1885.0	222	
		44.01	38.83	34.56	30.53	26.75	23.03	154.2	1.00000	
	19.68	16.60	13.86	11.49	9.41	7.68	6.25	0.934	13	
6:	89.65	4	26.29	0.12	1.4		5	1508.0	258	
		52.01	46.08	41.14	36.47	32.05	27.68	183.0	1.00000	
	23.73	20.06	16.79	13.94	11.42	9.34	7.62	0.508	13	
7:	60.18	-8	30.41	0.16	3.8		5	2513.5	289	
		59.57	52.88	47.29	42.02	37.00	32.00	205.7	2.00000	
	27.49	23.29	19.53	16.25	13.34	10.92	8.94	0.830	13	
8:	43.62	8	33.20	0.23	4.0		5	3770.3	314	
		64.70	57.48	51.45	45.80	40.37	34.92	222.8	2.00000	
	30.05	25.50	21.37	17.81	14.66	12.02	9.86	0.576	13	

*

	250N	240N ON	235N 250N	230N 10449N	220N 523	210N 4	200N 11:03:25	180N	160N	140N
1:	207.70	-13	9.01	0.09	8.3		6	188.5	75	
		19.40	16.84	14.83	12.94	11.22	9.54	74.8	0.12500	
	8.04	6.68	5.59	4.54	3.72	3.01	2.39	0.624	13	
2:	139.41	9	10.48	0.20	10.0		6	377.0	100	
		22.61	19.65	17.28	15.09	13.07	11.11	87.1	0.12500	
	9.36	7.80	6.52	5.30	4.36	3.56	2.80	0.894	13	
3:	168.86	3	12.31	0.30	3.7		6	377.0	122	
		25.99	22.64	19.98	17.52	15.22	13.02	96.3	0.25000	
	11.00	9.19	7.74	6.30	5.22	4.31	3.39	1.193	13	

D29_RAW.txt

4:	98.47	-4	14.53	0.28	1.7		6	754.0	142
		30.09	26.39	23.39	20.57	17.95	15.36	109.1	0.50000
	13.03	10.93	9.29	7.61	6.36	5.25	4.21	1.603	13
5:	78.20	-5	18.09	0.54	1.3		6	1256.7	188
		36.62	32.20	28.66	25.38	22.20	19.11	129.9	1.00000
	16.24	13.67	11.61	9.45	7.90	6.62	5.18	1.331	13
6:	117.74	8	22.42	0.75	1.3		6	1099.6	248
		44.92	39.61	35.34	31.36	27.45	23.67	157.6	2.00000
	20.18	17.02	14.58	11.94	10.06	8.49	6.73	1.745	13
7:	74.06	-8	27.88	1.21	4.1		6	1979.3	280
		54.35	48.20	43.21	38.58	33.93	29.39	192.3	4.00000
	25.13	21.31	18.39	15.05	12.79	10.90	8.58	1.804	13
8:	51.20	1	31.63	1.51	5.0		6	3110.5	305
		60.93	54.15	48.64	43.55	38.37	33.33	217.8	8.00000
	28.55	24.26	21.00	17.21	14.69	12.58	9.91	2.018	13

*

	260N	240N	235N	230N	220N	210N	200N	180N	160N	140N
		ON	260N	10449N	790	4	11:07:00			
1:	165.88	-12	12.89	0.06	8.3		5	628.3	132	
		27.06	23.61	20.80	18.19	15.85	13.59	100.0	0.25000	
	11.58	9.63	8.01	6.59	5.38	4.37	3.54	0.748	13	
2:	130.65	9	14.21	0.03	9.2		5	942.5	156	
		30.09	26.21	23.06	20.14	17.52	14.98	109.9	0.25000	
	12.75	10.61	8.81	7.24	5.88	4.81	3.89	0.958	13	
3:	178.12	3	15.60	0.08	2.7		5	754.0	170	
		32.70	28.57	25.12	21.98	19.16	16.44	120.5	0.25000	
	14.03	11.69	9.74	8.02	6.55	5.36	4.35	1.078	13	
4:	111.01	-5	17.51	0.12	1.4		5	1256.7	177	
		36.29	31.80	28.00	24.56	21.44	18.42	128.8	0.50000	
	15.78	13.15	10.96	9.04	7.41	6.07	4.94	1.117	13	
5:	92.84	-4	20.70	0.14	1.1		5	1885.0	222	
		42.30	37.20	32.83	28.87	25.27	21.76	151.3	0.50000	
	18.71	15.62	13.07	10.81	8.88	7.31	5.97	1.270	13	
6:	145.67	7	24.52	0.20	1.2		5	1508.0	278	
		49.83	43.87	38.70	34.06	29.83	25.74	172.0	1.00000	
	22.19	18.53	15.52	12.87	10.59	8.74	7.16	1.344	13	
7:	94.77	-7	29.63	0.29	3.8		5	2513.5	302	
		59.12	52.23	46.14	40.71	35.77	31.00	204.6	1.00000	
	26.91	22.45	18.87	15.68	12.93	10.75	8.85	1.613	13	
8:	66.79	-1	32.94	0.38	4.7		5	3770.3	319	
		65.27	57.78	51.09	45.14	39.72	34.47	221.7	2.00000	
	29.97	25.06	21.09	17.57	14.53	12.09	9.98	1.466	13	

*

	270N	260N	255N	250N	240N	230N	220N	200N	180N	160N
		ON	270N	10469N	464	4	11:11:15			
1:	176.27	-16	8.63	0.01	14.4		6	188.5	72	
		18.58	16.14	14.22	12.39	10.74	9.15	76.2	0.06250	
	7.69	6.42	5.33	4.34	3.46	2.75	2.16	1.072	13	
2:	118.34	7	10.43	0.01	16.9		6	377.0	96	
		22.40	19.47	17.13	14.94	12.95	11.03	85.9	0.12500	
	9.29	7.79	6.44	5.26	4.25	3.43	2.72	0.652	13	

D29_RAW.txt

3:	149.81	5	12.73	0.00	4.0		6	377.0	122
		26.75	23.37	20.65	18.07	15.73	13.46	99.3	0.25000
	11.38	9.59	8.02	6.64	5.36	4.35	3.49	0.730	13
4:	120.93	-0	16.49	0.03	2.0		6	754.0	197
		34.06	29.94	26.54	23.27	20.31	17.41	126.9	0.25000
	14.73	12.43	10.39	8.61	6.95	5.63	4.49	0.779	13
5:	78.11	-8	18.15	0.06	1.7		6	1256.7	212
		37.21	32.75	29.08	25.50	22.30	19.15	133.4	0.50000
	16.23	13.76	11.53	9.57	7.70	6.27	5.05	0.709	13
6:	94.20	5	21.06	0.06	1.4		6	1099.6	223
		42.64	37.71	33.55	29.46	25.78	22.20	153.6	0.50000
	18.84	16.00	13.44	11.21	9.03	7.36	5.92	0.812	13
7:	70.55	-3	25.93	0.10	4.0		6	1979.3	301
		51.95	46.06	41.05	36.08	31.64	27.30	181.3	1.00000
	23.21	19.81	16.69	13.99	11.23	9.20	7.43	0.875	13
8:	47.41	1	30.64	0.12	4.4		6	3110.5	318
		60.18	53.64	47.94	42.27	37.20	32.23	207.6	2.00000
	27.44	23.54	19.92	16.76	13.45	11.04	8.93	1.114	13

*

	280N	260N ON	255N 280N	250N 10469N	240N 455	230N 4	220N 11:14:39	200N	180N	160N
1:	86.63	-17	12.95	0.00	14.1		5	628.3	120	
		26.92	23.61	20.91	18.37	16.02	13.71	100.5	0.25000	
	11.53	9.64	8.00	6.66	5.50	4.45	3.51	0.820	13	
2:	67.38	9	14.35	0.08	16.2		5	942.5	140	
		30.03	26.23	23.16	20.28	17.72	15.16	111.5	0.25000	
	12.88	10.79	8.99	7.45	6.06	4.90	4.02	1.073	13	
3:	97.24	4	16.37	0.09	3.6		5	754.0	161	
		33.82	29.69	26.28	23.06	20.14	17.29	121.3	0.50000	
	14.70	12.36	10.32	8.54	7.01	5.70	4.62	0.838	13	
4:	85.30	0	19.60	0.12	1.7		5	1256.7	236	
		40.15	35.34	31.33	27.53	24.08	20.69	143.7	0.50000	
	17.61	14.82	12.38	10.25	8.41	6.84	5.54	0.686	13	
5:	58.15	-8	20.63	0.15	1.5		5	1885.0	241	
		42.22	37.17	32.95	28.96	25.32	21.77	150.8	0.50000	
	18.54	15.61	13.05	10.79	8.87	7.22	5.85	0.752	13	
6:	73.10	4	23.10	0.23	1.3		5	1508.0	242	
		46.75	41.27	36.66	32.29	28.29	24.37	162.9	1.00000	
	20.79	17.53	14.68	12.18	10.02	8.17	6.64	1.000	13	
7:	57.07	-2	27.29	0.31	3.8		5	2513.5	315	
		54.85	48.48	43.10	38.02	33.33	28.76	190.3	1.00000	
	24.60	20.77	17.43	14.48	11.96	9.77	7.98	0.875	13	
8:	39.22	1	31.59	0.48	4.2		5	3770.3	325	
		62.38	55.42	49.41	43.73	38.45	33.28	214.0	2.00000	
	28.54	24.19	20.35	16.99	14.05	11.51	9.42	0.944	13	

*

	290N	280N ON	275N 290N	270N 10489N	260N 507	250N 4	240N 11:17:37	220N	200N	180N
1:	407.39	-11	6.22	0.00	8.9		5	188.5	151	
		14.11	12.04	10.50	9.07	7.81	6.60	60.4	0.03125	
	5.52	4.58	3.76	3.07	2.48	1.99	1.59	0.716	13	

D29_RAW.txt

2:	162.17	10	8.92	0.01	8.1		5	377.0	121
		19.63	16.90	14.83	12.84	11.10	9.45	79.5	0.06250
	7.95	6.61	5.46	4.48	3.64	2.94	2.36	0.948	13
3:	178.39	9	13.64	0.01	1.5		5	377.0	133
		28.37	24.81	21.99	19.27	16.81	14.41	106.0	0.25000
	12.22	10.28	8.56	7.06	5.77	4.68	3.77	0.817	13
4:	107.51	-6	17.83	0.00	2.7		5	754.0	160
		36.43	32.04	28.50	25.01	21.89	18.85	131.6	0.50000
	15.98	13.50	11.27	9.32	7.68	6.30	5.11	1.052	13
5:	75.98	-6	19.61	0.04	3.0		5	1256.7	188
		40.15	35.27	31.39	27.58	24.10	20.68	143.3	0.50000
	17.62	14.82	12.35	10.18	8.37	6.78	5.47	0.542	13
6:	120.71	2	22.51	0.00	1.9		5	1099.6	262
		45.79	40.25	35.93	31.54	27.63	23.79	159.2	1.00000
	20.20	17.10	14.29	11.83	9.78	8.00	6.48	1.175	13
7:	64.87	-4	24.64	0.06	4.0		5	1979.3	253
		49.84	43.83	39.24	34.46	30.21	26.04	173.0	1.00000
	22.13	18.73	15.63	12.99	10.72	8.77	7.11	0.973	13
8:	52.67	7	28.23	0.00	5.6		5	3110.5	323
		56.92	50.04	44.89	39.44	34.58	29.86	196.9	1.00000
	25.39	21.56	18.04	14.99	12.47	10.21	8.31	1.070	13

*

	300N	280N ON	275N 300N	270N 10489N	260N 507	250N 4	240N 11:20:26	220N	200N	180N
1:	152.23	-11	10.82	0.01	8.8		5	628.3	189	
		22.94	19.97	17.59	15.39	13.40	11.45	84.9	0.25000	
	9.69	8.13	6.77	5.57	4.55	3.68	3.00	0.885	13	
2:	79.29	10	13.90	0.04	8.0		5	942.5	147	
		29.32	25.62	22.53	19.74	17.19	14.70	108.3	0.25000	
	12.46	10.46	8.72	7.18	5.87	4.79	3.88	1.000	13	
3:	107.09	10	18.00	0.04	1.4		5	754.0	159	
		36.94	32.55	28.74	25.33	22.16	19.01	132.5	0.50000	
	16.20	13.63	11.38	9.37	7.68	6.23	5.06	0.621	13	
4:	74.16	-7	20.54	0.10	2.2		5	1256.7	184	
		41.88	36.99	32.71	28.85	25.26	21.70	149.8	0.50000	
	18.47	15.55	12.99	10.70	8.77	7.11	5.77	0.466	13	
5:	56.24	-5	21.79	0.05	2.6		5	1885.0	209	
		44.39	39.26	34.68	30.61	26.79	23.01	159.0	0.50000	
	19.60	16.51	13.82	11.38	9.33	7.67	6.28	1.054	13	
6:	93.63	1	23.81	0.12	1.8		5	1508.0	278	
		48.51	42.91	37.89	33.44	29.30	25.17	172.6	0.50000	
	21.44	18.06	15.12	12.44	10.19	8.35	6.83	0.879	13	
7:	52.85	-3	25.31	0.14	3.9		5	2513.5	262	
		51.30	45.48	40.18	35.50	31.13	26.77	177.6	1.00000	
	22.81	19.23	16.14	13.28	10.92	8.96	7.38	1.199	13	
8:	44.32	5	28.38	0.18	5.1		5	3770.3	330	
		57.37	50.96	44.97	39.77	34.92	30.01	197.6	1.00000	
	25.60	21.60	18.17	14.94	12.31	10.15	8.36	1.153	13	

*

	310N	300N ON	295N 310N	290N 10509N	280N 555	270N 4	260N 11:23:31	240N	220N	200N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D29_RAW.txt

1:	584.72	-12	6.64	0.00	9.3		5	188.5	199
		14.87	12.74	11.14	9.64	8.31	7.03	64.5	0.03125
	5.90	4.90	4.03	3.30	2.67	2.15	1.71	0.960	13
2:	275.78	8	8.83	0.01	9.8		5	377.0	187
		19.14	16.54	14.52	12.64	10.97	9.35	73.7	0.12500
	7.89	6.59	5.46	4.49	3.67	2.97	2.40	1.059	13
3:	303.48	6	11.98	0.01	4.3		5	377.0	206
		25.16	21.92	19.34	16.94	14.76	12.64	90.3	0.50000
	10.74	9.04	7.56	6.26	5.15	4.20	3.40	1.298	13
4:	142.59	-2	16.28	0.07	3.1		5	754.0	194
		33.67	29.54	26.17	22.95	20.07	17.18	121.1	0.50000
	14.64	12.34	10.31	8.54	7.04	5.75	4.65	1.021	13
5:	78.41	2	20.83	0.03	1.2		5	1256.7	178
		42.58	37.44	33.31	29.25	25.60	21.98	152.8	0.50000
	18.72	15.81	13.20	10.93	9.04	7.41	6.02	1.261	13
6:	105.14	-2	22.52	0.09	1.7		5	1099.6	208
		45.74	40.31	35.84	31.55	27.60	23.73	160.4	1.00000
	20.26	17.17	14.39	11.96	9.99	8.23	6.68	1.423	13
7:	80.27	-5	24.47	0.11	5.4		5	1979.3	286
		49.77	43.85	38.95	34.35	30.01	25.78	173.6	1.00000
	22.04	18.71	15.68	13.05	10.93	9.02	7.30	1.597	13
8:	47.10	3	25.47	0.10	5.0		5	3110.5	264
		51.52	45.49	40.40	35.71	31.15	26.79	177.8	2.00000
	22.94	19.53	16.37	13.64	11.51	9.57	7.82	1.997	13

*

	320N	300N ON	295N 320N	290N 10509N	280N 555	270N 4	260N 11:26:17	240N	220N	200N
1:	211.56	-13	11.29	0.01	9.5		5	628.3	240	
		23.62	20.65	18.26	15.98	13.94	11.93	88.6	0.25000	
	10.13	8.50	7.09	5.85	4.80	3.89	3.15	1.038	13	
2:	123.60	8	13.92	0.02	9.8		5	942.5	210	
		28.83	25.27	22.37	19.62	17.12	14.70	104.0	0.50000	
	12.48	10.51	8.78	7.26	5.98	4.88	3.95	0.988	13	
3:	163.85	6	16.76	0.01	3.7		5	754.0	223	
		34.31	30.17	26.77	23.51	20.55	17.68	124.3	0.50000	
	15.06	12.70	10.63	8.82	7.27	5.93	4.81	1.095	13	
4:	91.13	-1	19.79	0.02	2.6		5	1256.7	206	
		40.31	35.52	31.56	27.72	24.28	20.88	145.3	0.50000	
	17.78	14.99	12.55	10.40	8.58	6.99	5.66	1.006	13	
5:	56.11	4	23.13	0.09	1.2		5	1885.0	191	
		46.55	41.16	36.69	32.27	28.34	24.39	163.0	1.00000	
	20.82	17.57	14.71	12.19	10.06	8.19	6.65	0.822	13	
6:	80.70	-3	23.45	0.08	1.7		5	1508.0	219	
		47.21	41.72	37.21	32.73	28.76	24.74	165.3	1.00000	
	21.12	17.80	14.93	12.39	10.23	8.34	6.79	0.829	13	
7:	64.70	-4	24.85	0.07	4.7		5	2513.5	293	
		50.10	44.24	39.47	34.67	30.49	26.22	174.4	1.00000	
	22.36	18.87	15.83	13.13	10.85	8.84	7.19	0.859	13	
8:	39.20	3	25.56	0.07	4.2		5	3770.3	266	
		51.27	45.34	40.53	35.60	31.35	26.97	179.3	1.00000	
	23.00	19.44	16.31	13.57	11.26	9.20	7.45	0.852	13	

D29_RAW.txt

*	330N	320N ON	315N 330N	310N 10529N	300N 555	290N 4	280N 11:29:29	260N	240N	220N
1:	528.80		-7	6.24	0.00	9.0		5	188.5	180
	5.54	14.46	4.58	12.29	10.64	9.17	7.86	6.63	66.8	0.01563
				3.76	3.06	2.48	1.99	1.59	1.061	13
2:	316.66		-5	8.41	0.02	13.1		5	377.0	215
	7.51	18.39	6.27	15.86	13.90	12.08	10.46	8.90	70.3	0.12500
				5.20	4.27	3.48	2.82	2.27	1.061	13
3:	297.98		12	11.88	0.03	11.4		5	377.0	202
	10.66	25.03	8.96	21.80	19.22	16.82	14.65	12.55	89.5	0.50000
				7.48	6.19	5.08	4.14	3.35	1.369	13
4:	172.63		-5	17.47	0.02	3.1		5	754.0	235
	15.71	35.75	13.25	31.47	27.86	24.51	21.43	18.44	129.3	0.50000
				11.09	9.19	7.57	6.18	5.02	1.105	13
5:	101.27		4	20.76	0.07	3.0		5	1256.7	229
	18.71	42.20	15.79	37.20	33.02	29.05	25.45	21.90	147.9	1.00000
				13.24	10.99	9.06	7.39	6.01	1.053	13
6:	105.10		6	23.38	0.13	2.2		5	1099.6	208
	21.05	47.22	17.78	41.80	37.06	32.66	28.63	24.66	164.9	1.00000
				14.90	12.37	10.17	8.32	6.77	0.916	13
7:	63.47		-7	24.23	0.16	4.5		5	1979.3	226
	21.81	48.88	18.45	43.35	38.35	33.83	29.67	25.56	170.7	1.00000
				15.48	12.85	10.59	8.67	7.04	0.899	13
8:	53.12		-0	25.13	0.25	5.9		5	3110.5	298
	22.63	50.84	19.14	45.11	39.85	35.12	30.79	26.51	176.4	1.00000
				16.02	13.30	10.93	8.94	7.25	0.969	13

*	340N	320N ON	315N 340N	310N 10529N	300N 732	290N 4	280N 11:32:27	260N	240N	220N
1:	260.76		-6	10.19	0.01	6.2		5	628.3	224
	9.12	21.82	7.66	18.92	16.65	14.53	12.62	10.77	80.4	0.25000
				6.37	5.25	4.30	3.50	2.83	1.152	13
2:	191.97		-5	12.96	0.02	11.9		5	942.5	247
	11.65	27.09	9.78	23.64	20.89	18.28	15.94	13.68	97.2	0.50000
				8.17	6.76	5.56	4.53	3.67	1.162	13
3:	216.99		12	16.78	0.01	10.4		5	754.0	224
	15.08	34.51	12.72	30.27	26.84	23.54	20.60	17.70	124.5	0.50000
				10.65	8.83	7.27	5.93	4.82	1.136	13
4:	147.16		-5	21.73	0.02	2.7		5	1256.7	253
	19.57	43.98	16.51	38.78	34.49	30.33	26.61	22.91	154.1	1.00000
				13.85	11.49	9.47	7.73	6.28	0.944	13
5:	95.35		4	23.76	0.01	2.6		5	1885.0	246
	21.40	47.92	18.09	42.28	37.63	33.11	29.06	25.05	167.5	1.00000
				15.18	12.62	10.41	8.49	6.90	0.849	13
6:	107.74		6	25.18	0.00	2.1		5	1508.0	222
	22.70	50.53	19.18	44.66	39.81	35.02	30.78	26.53	176.5	1.00000
				16.08	13.35	11.00	8.99	7.30	0.725	13
7:	69.49		-6	25.13	0.04	4.4		5	2513.5	239
	22.66	50.41	19.18	44.53	39.73	34.92	30.70	26.47	176.2	1.00000
				16.07	13.33	10.98	8.95	7.26	0.664	13

D29_RAW.txt

8:	59.91	-1	25.76	0.04	5.3		5	3770.3	309
	23.22	51.80	45.73	40.78	35.79	31.49	27.13	180.3	1.00000
		19.64	16.47	13.66	11.26	9.18	7.45	0.739	13

*

	350N	340N ON	335N 350N	330N 10549N	320N 564	310N 4	300N	280N 11:35:43	260N	240N
1:	504.51	-0	6.56	0.00	1.7		5	188.5	169	
	5.81	15.40	13.03	11.26	9.67	8.27	6.96	70.2	0.01563	
		4.80	3.95	3.22	2.60	2.08	1.65	1.021	13	
2:	312.00	-5	7.88	0.00	16.3		5	377.0	209	
	7.04	17.31	14.89	13.05	11.34	9.81	8.35	66.1	0.12500	
		5.87	4.88	4.01	3.27	2.65	2.13	1.170	13	
3:	384.14	7	11.18	0.00	19.1		5	377.0	257	
	10.02	23.57	20.53	18.11	15.85	13.80	11.81	87.7	0.25000	
		8.41	7.01	5.79	4.74	3.85	3.10	0.974	13	
4:	196.87	-9	15.60	0.01	8.2		5	754.0	263	
	14.01	32.13	28.19	24.99	21.92	19.15	16.46	115.9	0.50000	
		11.80	9.87	8.17	6.72	5.47	4.42	0.843	13	
5:	108.34	7	20.90	0.01	6.0		5	1256.7	241	
	18.79	42.32	37.31	33.15	29.18	25.56	22.03	148.8	1.00000	
		15.87	13.34	11.08	9.14	7.49	6.10	1.036	13	
6:	136.17	1	25.46	0.00	3.2		5	1099.6	265	
	22.90	50.94	45.09	40.16	35.42	31.08	26.84	178.1	1.00000	
		19.32	16.26	13.49	11.13	9.08	7.37	0.688	13	
7:	66.61	3	26.67	0.03	4.4		5	1979.3	234	
	23.96	53.15	47.07	41.95	37.05	32.49	28.11	185.2	1.00000	
		20.21	17.01	14.09	11.59	9.42	7.59	0.557	13	
8:	45.17	-2	26.17	0.00	4.3		5	3110.5	249	
	23.46	51.89	45.99	41.00	36.22	31.78	27.54	182.1	1.00000	
		19.83	16.73	13.87	11.43	9.31	7.56	0.619	13	

*

	360N	340N ON	335N 360N	330N 10549N	320N 420	310N 4	300N	280N 11:38:58	260N	240N
1:	132.43	-1	9.98	0.00	1.7		5	628.3	198	
	8.94	21.44	18.54	16.29	14.18	12.33	10.55	78.8	0.25000	
		7.50	6.24	5.16	4.23	3.43	2.77	1.249	13	
2:	101.51	-6	11.85	0.01	12.2		5	942.5	228	
	10.62	24.61	21.52	19.03	16.69	14.56	12.52	89.2	0.50000	
		8.94	7.47	6.19	5.10	4.16	3.38	1.117	13	
3:	147.05	8	15.69	0.03	14.3		5	754.0	264	
	14.09	32.16	28.23	25.05	21.99	19.22	16.56	116.7	0.50000	
		11.87	9.94	8.24	6.79	5.56	4.50	1.151	13	
4:	87.99	-9	20.07	0.07	6.2		5	1256.7	263	
	18.04	40.82	35.94	31.95	28.07	24.60	21.17	143.2	1.00000	
		15.22	12.76	10.61	8.75	7.15	5.81	1.132	13	
5:	54.21	7	24.78	0.09	4.8		5	1885.0	243	
	22.29	49.93	44.07	39.25	34.52	30.30	26.13	174.0	1.00000	
		18.83	15.80	13.13	10.82	8.85	7.20	0.863	13	
6:	74.81	0	28.11	0.16	3.0		5	1508.0	269	
	25.30	56.11	49.60	44.33	39.03	34.30	29.62	195.6	1.00000	
		21.36	17.96	14.97	12.38	10.15	8.28	1.039	13	

D29_RAW.txt

7: 39.77 4 27.90 0.41 4.4 5 2513.5 238
 55.81 49.28 44.09 38.75 34.14 29.44|194.4 1.00000
 25.08 21.20 17.79 14.89 12.30 10.08 8.22| 1.061 13

8: 28.07 -3 26.54 0.57 4.2 5 3770.3 252
 53.37 47.02 42.12 36.93 32.52 28.05|185.5 1.00000
 23.80 20.08 16.79 14.11 11.61 9.53 7.81| 1.131 13

* 370N 360N 355N 350N 340N 330N 320N 300N 280N 260N
 ON 370N 10569N 402 4 11:42:13|

1: 423.96 -0 7.32 0.00 1.7 5 188.5 199
 16.71 14.26 12.40 10.70 9.20 7.77| 71.2 0.03125
 6.51 5.39 4.44 3.62 2.93 2.35 1.87| 0.831 13

2: 204.02 -6 9.11 0.00 8.0 5 377.0 191
 20.09 17.30 15.14 13.14 11.36 9.65| 76.1 0.12500
 8.13 6.79 5.62 4.62 3.76 3.05 2.45| 1.211 13

3: 220.47 6 11.55 0.02 8.1 5 377.0 207
 24.55 21.33 18.78 16.40 14.26 12.21| 90.8 0.25000
 10.35 8.69 7.23 5.98 4.91 4.00 3.23| 1.245 13

4: 107.54 -1 15.94 0.01 5.1 5 754.0 202
 32.82 28.79 25.51 22.39 19.57 16.83|118.8 0.50000
 14.34 12.08 10.12 8.40 6.92 5.68 4.63| 1.389 13

5: 80.31 -4 20.72 0.03 7.0 5 1256.7 251
 42.03 37.05 32.94 28.97 25.38 21.86|151.5 0.50000
 18.63 15.72 13.17 10.90 8.95 7.30 5.91| 0.977 13

6: 89.86 1 26.24 0.06 6.1 5 1099.6 246
 52.77 46.68 41.52 36.60 32.08 27.67|183.6 1.00000
 23.63 19.97 16.76 13.92 11.48 9.41 7.67| 0.877 13

7: 53.80 1 30.80 0.09 8.3 5 1979.3 265
 61.13 54.23 48.42 42.69 37.53 32.43|212.7 1.00000
 27.79 23.53 19.78 16.47 13.60 11.19 9.11| 1.150 13

8: 30.61 9 29.68 0.21 6.0 5 3110.5 237
 58.65 52.13 46.54 41.17 36.10 31.27|202.0 2.00000
 26.76 22.66 19.02 15.83 13.09 10.88 8.78| 1.136 13

* 380N 360N 355N 350N 340N 330N 320N 300N 280N 260N
 ON 380N 10569N 550 4 11:45:20|

1: 204.58 0 11.11 0.01 1.6 5 628.3 234
 23.27 20.30 17.92 15.70 13.68 11.74| 83.7 0.50000
 9.97 8.38 7.00 5.78 4.75 3.86 3.12| 1.189 13

2: 123.40 -5 13.32 0.02 8.0 5 942.5 211
 27.75 24.25 21.45 18.81 16.39 14.08| 99.9 0.50000
 11.97 10.08 8.43 6.97 5.72 4.66 3.78| 1.035 13

3: 160.41 5 16.08 0.07 7.9 5 754.0 220
 33.02 28.97 25.66 22.54 19.71 16.96|119.6 0.50000
 14.46 12.18 10.21 8.47 6.98 5.69 4.62| 1.160 13

4: 92.11 -1 20.36 0.11 3.5 5 1256.7 210
 41.23 36.35 32.29 28.43 24.88 21.47|145.0 1.00000
 18.32 15.47 12.97 10.77 8.88 7.24 5.90| 0.985 13

5: 75.72 -3 24.77 0.14 5.2 5 1885.0 260
 49.62 43.90 39.08 34.50 30.22 26.11|174.0 1.00000
 22.31 18.84 15.83 13.14 10.86 8.88 7.22| 0.798 13

D29_RAW.txt

6:	92.47	1	29.49	0.25	5.4		5	1508.0	254
		58.75	52.07	46.38	40.98	35.90	31.07	204.3	1.00000
	26.59	22.47	18.89	15.70	12.99	10.63	8.67	0.959	13
7:	59.96	1	32.74	0.36	7.4		5	2513.5	274
		64.50	57.35	51.18	45.34	39.69	34.48	220.5	2.00000
	29.56	24.99	21.08	17.52	14.53	11.89	9.70	0.941	13
8:	35.66	9	30.95	0.59	5.5		5	3770.3	244
		60.65	54.03	48.23	42.80	37.44	32.59	209.8	2.00000
	27.96	23.61	19.96	16.58	13.81	11.31	9.23	0.848	13

*

	390N	380N ON	375N 390N	370N 10589N	360N 860	350N 4	340N 11:48:11	320N	300N	280N
1:	941.64	-1	7.29	0.00	2.9		5	188.5	206	
		16.32	13.99	12.21	10.57	9.12	7.73	65.3	0.06250	
	6.50	5.40	4.46	3.64	2.95	2.38	1.90	0.891	13	
2:	452.84	-4	9.38	0.00	12.1		5	377.0	199	
		20.61	17.77	15.56	13.51	11.68	9.93	78.3	0.12500	
	8.38	6.99	5.80	4.76	3.89	3.15	2.54	1.165	13	
3:	576.36	8	12.19	0.00	11.7		5	377.0	253	
		25.45	22.21	19.63	17.20	15.01	12.87	91.5	0.50000	
	10.94	9.20	7.68	6.35	5.21	4.24	3.44	1.111	13	
4:	257.81	-3	16.96	0.00	1.5		5	754.0	226	
		34.55	30.40	27.00	23.76	20.80	17.90	125.5	0.50000	
	15.25	12.86	10.77	8.92	7.34	5.99	4.86	1.029	13	
5:	152.12	1	20.73	0.00	2.3		5	1256.7	222	
		42.00	37.00	32.90	28.96	25.36	21.85	147.5	1.00000	
	18.65	15.73	13.19	10.95	9.03	7.39	6.03	1.041	13	
6:	183.89	-1	26.16	0.00	4.7		5	1099.6	235	
		52.49	46.41	41.37	36.47	31.99	27.58	182.7	1.00000	
	23.56	19.86	16.68	13.83	11.40	9.31	7.60	0.763	13	
7:	111.78	-3	32.07	0.00	7.4		5	1979.3	257	
		63.93	56.62	50.54	44.58	39.17	33.80	220.0	1.00000	
	28.91	24.39	20.47	17.00	14.03	11.47	9.38	0.756	13	
8:	77.38	7	34.27	0.01	7.2		5	3110.5	280	
		67.64	60.05	53.72	47.48	41.79	36.11	229.5	2.00000	
	30.91	26.11	21.98	18.29	15.11	12.38	10.17	1.086	13	

*

	400N	380N ON	375N 400N	370N 10589N	360N 947	350N 4	340N 11:51:04	320N	300N	280N
1:	340.44	-1	11.68	0.02	2.4		5	628.3	226	
		24.45	21.34	18.86	16.51	14.39	12.34	87.8	0.50000	
	10.48	8.80	7.36	6.07	4.99	4.06	3.29	1.204	13	
2:	203.42	-5	14.12	0.01	10.1		5	942.5	202	
		29.59	25.85	22.81	19.96	17.40	14.92	105.5	0.50000	
	12.66	10.64	8.88	7.35	6.04	4.92	3.99	1.268	13	
3:	317.99	8	17.10	0.03	9.9		5	754.0	253	
		34.87	30.69	27.23	23.94	20.96	18.04	123.1	1.00000	
	15.38	12.97	10.88	9.02	7.44	6.07	4.94	1.220	13	
4:	171.07	-2	21.48	0.04	1.3		5	1256.7	227	
		43.23	38.22	34.01	29.95	26.28	22.66	152.4	1.00000	
	19.33	16.33	13.69	11.37	9.38	7.67	6.25	0.848	13	

D29_RAW.txt

5:	111.11	0	24.63	0.09	2.0		5	1885.0	221
	49.49	43.76	38.96	34.32	30.13	25.97	173.1	1.00000	
	22.18	18.73	15.72	13.05	10.78	8.81	7.18	0.821	13
6:	146.49	-2	29.40	0.12	3.7		5	1508.0	233
	58.55	51.93	46.30	40.85	35.92	30.99	203.7	1.00000	
	26.49	22.41	18.82	15.65	12.94	10.58	8.65	0.916	13
7:	95.58	-1	34.49	0.21	6.6		5	2513.5	254
	68.27	60.64	54.12	47.79	42.07	36.35	235.1	1.00000	
	31.09	26.32	22.10	18.38	15.21	12.43	10.17	1.005	13
8:	69.60	4	35.93	0.24	6.6		5	3770.3	277
	70.53	62.77	56.12	49.59	43.77	37.85	239.7	2.00000	
	32.38	27.47	23.13	19.26	16.00	13.10	10.74	0.871	13

*

	410N	400N ON	395N 410N	390N 10609N	380N 532	370N 4	360N 11:54:19	340N	320N	300N
1:	752.78	-8	5.90	0.01	3.5		5	188.5	267	
	13.63	11.53	10.00	8.61	7.40	6.25	53.6	0.06250		
	5.26	4.38	3.62	2.98	2.43	1.96	1.57	1.820	13	
2:	481.12	-7	7.66	0.01	17.7		5	377.0	341	
	16.75	14.38	12.60	10.94	9.49	8.10	61.1	0.25000		
	6.85	5.75	4.79	3.95	3.25	2.64	2.13	1.687	13	
3:	343.22	7	12.26	0.02	16.7		5	377.0	243	
	25.59	22.30	19.71	17.25	15.08	12.94	92.0	0.50000		
	11.01	9.26	7.74	6.40	5.25	4.26	3.45	1.058	13	
4:	152.04	1	18.15	0.03	3.1		5	754.0	215	
	37.31	32.78	29.08	25.50	22.33	19.16	133.8	0.50000		
	16.31	13.74	11.49	9.50	7.79	6.32	5.16	0.794	13	
5:	107.38	-2	22.04	0.10	2.3		5	1256.7	254	
	44.62	39.34	35.00	30.78	27.02	23.25	160.4	0.50000		
	19.85	16.74	14.01	11.59	9.51	7.72	6.26	0.822	13	
6:	108.62	0	26.76	0.10	1.9		5	1099.6	224	
	53.64	47.45	42.31	37.25	32.76	28.23	185.9	1.00000		
	24.12	20.36	17.06	14.11	11.58	9.39	7.54	0.854	13	
7:	62.12	-2	32.34	0.24	11.4		5	1979.3	231	
	64.59	57.20	51.04	44.91	39.59	34.13	227.7	0.50000		
	29.16	24.63	20.62	17.05	13.95	11.29	9.02	0.917	13	
8:	43.02	3	36.83	0.28	12.2		5	3110.5	252	
	72.51	64.43	57.72	50.98	44.98	38.82	247.2	1.00000		
	33.31	28.13	23.62	19.49	15.93	12.83	10.21	0.917	13	

*

	420N	400N ON	395N 420N	390N 10609N	380N 532	370N 4	360N 11:57:10	340N	320N	300N
1:	256.46	-8	10.18	0.04	2.7		5	628.3	303	
	21.45	18.67	16.45	14.40	12.55	10.75	77.3	0.50000		
	9.14	7.70	6.44	5.33	4.39	3.57	2.90	1.374	13	
2:	195.36	-8	12.22	0.01	12.8		5	942.5	346	
	25.15	22.04	19.51	17.14	14.99	12.90	92.1	0.50000		
	10.99	9.27	7.77	6.45	5.32	4.35	3.53	1.344	13	
3:	173.11	8	17.47	0.06	12.2		5	754.0	245	
	35.47	31.25	27.72	24.40	21.38	18.42	125.7	1.00000		
	15.73	13.28	11.13	9.24	7.62	6.22	5.07	1.052	13	

D29_RAW.txt

4:	94.24	1	22.74	0.12	2.6		5	1256.7	223
	20.47	46.10	40.73	36.13	31.81	27.86	23.99	160.8	1.00000
		17.28	14.48	12.01	9.90	8.07	6.57	1.024	13
5:	74.34	-3	25.88	0.15	1.9		5	1885.0	263
	23.33	51.86	45.95	40.83	36.04	31.61	27.28	181.3	1.00000
		19.73	16.55	13.76	11.35	9.27	7.55	0.791	13
6:	81.84	0	29.62	0.23	1.8		5	1508.0	232
	26.72	59.01	52.43	46.56	41.19	36.16	31.22	205.2	1.00000
		22.63	18.99	15.80	13.06	10.66	8.71	0.911	13
7:	49.96	-1	34.31	0.36	9.0		5	2513.5	236
	30.98	68.09	60.65	53.79	47.65	41.86	36.14	234.6	1.00000
		26.29	22.04	18.39	15.19	12.40	10.14	1.081	13
8:	35.96	3	38.17	0.56	9.7		5	3770.3	255
	34.45	75.03	67.25	59.45	52.90	46.45	40.18	253.0	2.00000
		29.28	24.59	20.53	17.03	13.86	11.38	0.913	13

*

	430N	420N ON	415N 430N	410N 10629N	400N 532	390N 4	380N 12:00:12	360N 	340N	320N
1:	530.26	-7	5.12	0.00	8.2		5	188.5	188	
	4.54	12.24	10.27	8.84	7.57	6.47	5.44	55.3	0.01563	
		3.76	3.09	2.52	2.04	1.64	1.30	1.512	13	
2:	282.40	-4	7.07	0.00	12.7		5	377.0	200	
	6.32	15.54	13.33	11.66	10.14	8.78	7.48	59.6	0.12500	
		5.29	4.40	3.63	2.97	2.41	1.94	1.533	13	
3:	410.35	11	10.43	0.03	11.5		5	377.0	291	
	9.37	21.59	18.84	16.69	14.64	12.80	11.00	78.9	0.50000	
		7.90	6.62	5.48	4.52	3.69	2.99	1.191	13	
4:	243.27	-10	15.88	0.04	2.9		5	754.0	345	
	14.28	32.18	28.34	25.21	22.18	19.43	16.74	114.8	1.00000	
		12.07	10.12	8.40	6.93	5.67	4.60	0.986	13	
5:	112.42	-1	21.85	0.01	3.0		5	1256.7	266	
	19.70	43.83	38.79	34.54	30.43	26.72	23.03	154.8	1.00000	
		16.62	13.95	11.58	9.55	7.80	6.33	0.714	13	
6:	126.92	4	27.35	0.13	2.3		5	1099.6	262	
	24.65	54.75	48.47	43.21	38.09	33.43	28.83	190.5	1.00000	
		20.81	17.48	14.51	11.97	9.79	7.96	0.729	13	
7:	67.18	-1	31.73	0.23	5.0		5	1979.3	250	
	28.62	63.00	55.89	49.89	44.05	38.71	33.42	218.1	1.00000	
		24.18	20.34	16.90	13.96	11.44	9.30	0.865	13	
8:	42.62	1	35.88	0.36	6.6		5	3110.5	249	
	32.37	70.87	62.95	56.29	49.72	43.74	37.78	239.2	2.00000	
		27.38	23.05	19.19	15.84	13.01	10.63	1.057	13	

*

	440N	420N ON	415N 440N	410N 10629N	400N 532	390N 4	380N 12:02:56	360N 	340N	320N
1:	183.08	-5	11.02	0.00	5.3		5	628.3	216	
	9.90	23.22	20.24	17.87	15.62	13.60	11.64	86.5	0.25000	
		8.28	6.90	5.70	4.67	3.79	3.07	1.004	13	
2:	117.20	-5	13.33	0.03	11.1		5	942.5	208	
	11.97	27.33	24.00	21.31	18.70	16.35	14.06	99.6	0.50000	
		10.09	8.42	6.97	5.73	4.66	3.78	0.785	13	

D29_RAW.txt

3:	201.32	12	16.86	0.04	10.3		5	754.0	285
		33.90	29.91	26.62	23.48	20.61	17.76	121.3	1.00000
	15.20	12.83	10.77	8.93	7.37	6.00	4.87	0.728	13
4:	141.15	-11	21.61	0.01	2.0		5	1256.7	333
		43.22	38.25	34.08	30.05	26.39	22.76	153.2	1.00000
	19.47	16.44	13.81	11.48	9.45	7.74	6.32	0.799	13
5:	75.67	-1	26.27	0.00	2.2		5	1885.0	268
		52.35	46.39	41.35	36.50	32.06	27.67	183.6	1.00000
	23.68	19.99	16.80	13.96	11.51	9.42	7.69	0.802	13
6:	95.17	4	30.23	0.00	2.0		5	1508.0	270
		60.23	53.40	47.60	42.02	36.90	31.84	208.7	1.00000
	27.25	23.00	19.34	16.06	13.25	10.85	8.87	0.852	13
7:	53.97	-2	33.54	0.01	4.5		5	2513.5	255
		66.36	58.90	52.57	46.46	40.86	35.30	225.2	2.00000
	30.27	25.56	21.53	17.89	14.78	12.13	9.94	1.149	13
8:	35.55	1	36.97	0.03	5.8		5	3770.3	252
		72.91	64.80	57.86	51.14	45.00	38.89	245.6	2.00000
	33.37	28.16	23.76	19.75	16.33	13.41	11.04	1.067	13

*

	450N	440N ON	435N 450N	430N 10649N	420N 532	410N 4	400N 12:06:21	380N	360N	340N
1:	445.38	0	8.23	0.01	2.4		5	188.5	158	
		17.27	15.04	13.30	11.66	10.17	8.71	64.8	0.25000	
	7.38	6.19	5.15	4.23	3.46	2.80	2.25	0.552	13	
2:	162.70	-4	9.65	0.03	8.8		5	377.0	115	
		20.83	18.01	15.83	13.78	11.96	10.21	80.5	0.12500	
	8.64	7.24	6.02	4.94	4.03	3.27	2.63	1.173	13	
3:	228.37	10	12.80	0.03	11.4		5	377.0	162	
		26.96	23.50	20.74	18.13	15.79	13.53	100.0	0.25000	
	11.47	9.64	8.04	6.62	5.42	4.40	3.55	0.930	13	
4:	170.22	-1	16.97	0.01	4.8		5	754.0	241	
		34.89	30.62	27.17	23.86	20.85	17.92	125.7	0.50000	
	15.26	12.86	10.75	8.90	7.31	5.97	4.82	0.837	13	
5:	130.04	3	21.12	0.02	1.5		5	1256.7	307	
		42.38	37.44	33.34	29.41	25.82	22.28	149.9	1.00000	
	19.03	16.10	13.49	11.19	9.22	7.55	6.10	0.679	13	
6:	157.41	-8	26.28	0.05	1.8		5	1099.6	325	
		52.60	46.56	41.49	36.61	32.13	27.72	183.6	1.00000	
	23.68	20.04	16.79	13.95	11.49	9.41	7.60	0.646	13	
7:	77.04	1	31.71	0.08	4.5		5	1979.3	287	
		63.40	56.15	50.06	44.18	38.77	33.46	217.9	1.00000	
	28.58	24.18	20.28	16.83	13.86	11.39	9.16	0.637	13	
8:	45.37	3	34.40	0.06	4.8		5	3110.5	265	
		68.26	60.59	54.13	47.82	42.01	36.28	234.0	1.00000	
	31.00	26.28	22.01	18.24	15.00	12.34	9.90	0.486	13	

*

	460N	440N ON	435N 460N	430N 10649N	420N 465	410N 4	400N 12:10:54	380N	360N	340N
1:	168.86	2	13.24	0.06	3.8		5	628.3	228	
		26.84	23.61	20.98	18.49	16.21	13.96	96.3	1.00000	
	11.92	10.06	8.42	6.97	5.74	4.68	3.79	1.026	13	

D29_RAW.txt

2:	72.93	-5	14.65	0.12	8.7		5	942.5	148
	13.16	30.43	26.60	23.52	20.62	18.01	15.46	109.3	0.50000
		11.08	9.26	7.66	6.31	5.14	4.15	1.017	13
3:	115.44	11	17.59	0.14	9.8		5	754.0	187
	15.80	36.12	31.69	28.09	24.68	21.58	18.56	130.1	0.50000
		13.32	11.15	9.23	7.60	6.21	5.03	1.048	13
4:	94.31	-1	21.26	0.21	3.1		5	1256.7	255
	19.14	42.94	37.84	33.63	29.64	26.01	22.41	150.9	1.00000
		16.17	13.54	11.23	9.27	7.58	6.17	0.915	13
5:	76.99	3	24.78	0.24	1.3		5	1885.0	312
	22.34	49.17	43.52	38.82	34.33	30.21	26.09	174.1	1.00000
		18.92	15.88	13.20	10.93	8.96	7.29	1.036	13
6:	99.47	-9	29.11	0.37	1.6		5	1508.0	323
	26.25	57.60	51.08	45.56	40.31	35.49	30.66	201.7	1.00000
		22.24	18.65	15.50	12.83	10.52	8.58	1.055	13
7:	52.55	1	33.55	0.65	4.2		5	2513.5	284
	30.28	66.19	58.80	52.43	46.43	40.90	35.34	225.2	2.00000
		25.66	21.50	17.86	14.81	12.18	9.94	1.037	13
8:	32.18	2	35.81	0.95	4.3		5	3770.3	261
	32.33	70.07	62.36	55.67	49.38	43.58	37.68	238.6	2.00000
		27.43	22.97	19.11	15.87	13.08	10.69	0.826	13

*

	470N	460N ON	455N 470N	450N 10669N	440N 465	430N 4	420N 12:13:50	400N	380N	360N
1:	619.37		-4	5.70	0.00	2.0		5	188.5	251
	5.08	12.80	10.94	9.55	8.27	7.14	6.05	51.2	0.06250	
		4.22	3.48	2.84	2.31	1.86	1.46	0.998	13	
2:	241.75		-9	7.78	0.01	9.2		5	377.0	196
	6.95	16.97	14.64	12.86	11.18	9.70	8.24	64.9	0.12500	
		5.80	4.82	3.94	3.21	2.59	2.05	0.873	13	
3:	235.79		11	12.97	0.00	9.6		5	377.0	191
	11.67	26.82	23.50	20.82	18.27	15.97	13.70	97.0	0.50000	
		9.80	8.20	6.77	5.55	4.51	3.63	0.772	13	
4:	148.18		3	18.09	0.01	2.2		5	754.0	240
	16.29	36.56	32.23	28.64	25.23	22.12	19.07	129.7	1.00000	
		13.74	11.54	9.56	7.89	6.45	5.21	0.892	13	
5:	79.05		-0	21.38	0.00	4.2		5	1256.7	214
	19.26	43.37	38.22	33.95	29.86	26.18	22.55	151.8	1.00000	
		16.26	13.65	11.31	9.31	7.60	6.16	0.981	13	
6:	126.67		4	25.90	0.04	4.7		5	1099.6	300
	23.36	51.68	45.78	40.75	36.01	31.63	27.30	181.4	1.00000	
		19.77	16.60	13.80	11.38	9.31	7.56	0.759	13	
7:	78.47		-7	31.20	0.03	4.9		5	1979.3	334
	28.15	61.74	54.81	48.83	43.20	38.04	32.86	214.9	1.00000	
		23.86	20.04	16.67	13.77	11.28	9.17	1.012	13	
8:	43.70		3	34.84	0.04	5.0		5	3110.5	292
	31.45	68.85	61.20	54.48	48.25	42.52	36.69	237.1	1.00000	
		26.63	22.36	18.57	15.34	12.54	10.18	0.835	13	

*

	480N	460N ON	455N 480N	450N 10669N	440N 372	430N 4	420N 12:16:47	400N	380N	360N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D29_RAW.txt

1:	187.05	-4	9.53	0.02	1.8		5	628.3	316
	19.90	17.38	15.39	13.49	11.77	10.07	74.8	0.25000	
	8.54	7.17	5.95	4.90	4.00	3.24	2.62	0.615	13
2:	92.04	-9	12.15	0.03	9.0		5	942.5	233
	25.10	22.00	19.49	17.14	14.93	12.83	94.5	0.25000	
	10.87	9.11	7.59	6.24	5.12	4.15	3.38	0.981	13
3:	112.17	11	17.37	0.05	9.4		5	754.0	227
	35.20	30.99	27.61	24.28	21.29	18.32	127.6	0.50000	
	15.60	13.13	10.96	9.04	7.39	6.01	4.89	0.512	13
4:	78.95	4	21.95	0.09	2.0		5	1256.7	267
	43.97	38.87	34.65	30.56	26.81	23.13	154.7	1.00000	
	19.75	16.67	13.93	11.52	9.45	7.70	6.30	0.806	13
5:	45.21	-1	24.62	0.12	3.2		5	1885.0	229
	49.66	43.84	39.04	34.38	30.12	25.96	177.4	0.50000	
	22.13	18.66	15.58	12.87	10.54	8.57	7.03	0.853	13
6:	76.27	4	28.43	0.17	3.6		5	1508.0	309
	56.69	50.17	44.78	39.55	34.69	29.95	196.5	1.00000	
	25.59	21.61	18.06	14.92	12.25	10.04	8.27	0.783	13
7:	49.93	-7	32.69	0.24	4.6		5	2513.5	337
	64.97	57.54	51.41	45.44	39.86	34.44	222.8	1.00000	
	29.43	24.86	20.75	17.12	14.03	11.51	9.54	0.843	13
8:	29.00	3	35.49	0.39	4.7		5	3770.3	294
	70.69	62.61	55.96	49.42	43.33	37.39	239.2	1.00000	
	31.92	26.91	22.37	18.39	15.01	12.34	10.32	1.244	13

*

	490N	480N ON	475N 490N	470N 10689N	460N 372	450N 4	440N 12:19:45	420N	400N	380N
1:	518.45	-8	5.32	0.01	9.4		5	188.5	263	
	12.49	10.52	9.09	7.81	6.70	5.64	52.4	0.03125		
	4.73	3.93	3.25	2.67	2.17	1.75	1.32	1.837	13	
2:	256.39	4	7.30	0.00	8.8		5	377.0	260	
	16.21	13.85	12.13	10.50	9.07	7.73	61.8	0.12500		
	6.52	5.47	4.56	3.77	3.10	2.54	1.98	1.811	13	
3:	245.41	4	10.59	0.01	1.4		5	377.0	249	
	22.56	19.55	17.22	15.04	13.08	11.19	83.6	0.25000		
	9.50	7.99	6.67	5.52	4.54	3.70	2.91	1.267	13	
4:	144.02	-7	15.49	0.09	2.4		5	754.0	292	
	31.58	27.74	24.65	21.75	19.02	16.31	112.5	1.00000		
	13.97	11.82	9.89	8.22	6.81	5.59	4.47	1.118	13	
5:	73.37	3	21.95	0.06	3.4		5	1256.7	248	
	43.62	38.55	34.40	30.36	26.67	23.10	155.5	1.00000		
	19.78	16.75	14.07	11.77	9.75	7.96	6.34	1.036	13	
6:	88.70	5	26.98	0.06	4.2		5	1099.6	262	
	53.27	47.13	42.01	37.26	32.72	28.36	186.6	2.00000		
	24.39	20.79	17.50	14.67	12.25	10.14	8.20	1.389	13	
7:	58.72	4	31.94	0.07	7.2		5	1979.3	312	
	62.40	55.27	49.32	43.83	38.58	33.49	216.6	4.00000		
	28.87	24.69	20.82	17.53	14.69	12.14	9.80	1.352	13	
8:	40.21	-5	35.49	0.32	6.1		5	3110.5	336	
	69.27	61.49	54.94	48.86	43.02	37.46	238.5	4.00000		
	32.20	27.60	23.30	19.59	16.44	13.58	10.94	1.229	13	

D29_RAW.txt

*	500N	480N ON	475N 500N	470N 10689N	460N 372	450N 4	440N 12:23:23	420N	400N	380N
1:	174.67	-8	9.67	0.04	8.7	11.97	6	628.3	295	
	8.65	20.91	18.05	15.87	13.79	3.29	10.22	76.4	0.25000	
		7.26	6.04	4.99	4.11		2.65	1.336	13	
2:	103.98	6	11.80	0.11	8.4	14.59	6	942.5	263	
	10.57	25.13	21.82	19.23	16.77	4.08	12.47	92.7	0.25000	
		8.89	7.42	6.11	5.04		3.24	1.079	13	
3:	124.55	2	15.09	0.15	1.4	18.61	6	754.0	252	
	13.52	31.44	27.48	24.37	21.28	5.31	15.94	112.5	0.50000	
		11.39	9.50	7.89	6.52		4.27	1.134	13	
4:	89.63	-8	19.33	0.24	2.0	23.73	6	1256.7	303	
	17.29	39.26	34.55	30.87	27.02	6.97	20.40	138.5	1.00000	
		14.65	12.21	10.30	8.59		5.60	1.310	13	
5:	52.38	4	24.37	0.42	2.5	29.88	6	1885.0	265	
	21.78	48.87	43.15	38.72	33.90	8.66	25.68	171.1	1.00000	
		18.52	15.54	12.86	10.61		7.12	0.911	13	
6:	66.75	5	28.35	0.54	3.3	34.70	6	1508.0	271	
	25.38	56.72	50.06	44.92	39.34	10.36	29.88	197.8	1.00000	
		21.63	18.12	15.13	12.59		8.49	1.533	13	
7:	46.71	4	32.05	0.75	5.9	39.18	6	2513.5	316	
	28.70	63.91	56.39	50.65	44.34	11.90	33.77	217.7	2.00000	
		24.52	20.55	17.23	14.40		9.76	1.573	13	
8:	33.14	-5	34.86	1.06	4.9	42.63	6	3770.3	336	
	31.21	69.36	61.18	55.03	48.12	13.13	36.73	235.2	2.00000	
		26.74	22.39	18.80	15.82		10.75	1.825	13	

*	510N	500N ON	495N 510N	490N 10709N	480N 372	470N 4	460N 12:26:49	440N	420N	400N
1:	491.00	-5	5.37	0.02	8.5	6.76	5	188.5	249	
	4.77	12.77	10.70	9.22	7.89	1.72	5.70	57.7	0.01563	
		3.96	3.28	2.69	2.19		1.25	2.632	13	
2:	270.39	3	7.70	0.03	9.1	9.58	5	377.0	274	
	6.88	17.29	14.73	12.83	11.10	2.58	8.15	69.3	0.06250	
		5.76	4.79	3.95	3.23		1.96	1.811	13	
3:	310.49	1	10.38	0.05	3.1	12.79	5	377.0	315	
	9.31	22.12	19.14	16.86	14.69	3.55	10.96	81.5	0.25000	
		7.83	6.54	5.40	4.44		2.75	1.362	13	
4:	139.85	-0	14.94	0.09	1.7	18.35	5	754.0	283	
	13.40	31.19	27.24	24.11	21.06	5.19	15.76	115.9	0.25000	
		11.27	9.42	7.79	6.40		4.09	1.163	13	
5:	76.84	-3	18.94	0.29	1.4	23.26	5	1256.7	260	
	16.99	38.63	33.91	30.08	26.53	6.51	19.99	138.2	0.50000	
		14.31	11.92	9.81	8.10		5.17	0.679	13	
6:	101.41	-1	24.28	0.55	2.4	29.67	5	1099.6	300	
	21.81	48.24	42.62	38.05	33.67	8.57	25.58	169.7	1.00000	
		18.45	15.48	12.75	10.61		6.88	0.546	13	
7:	52.08	4	30.43	0.89	6.6	37.10	5	1979.3	277	
	27.35	59.93	52.95	47.48	42.05	10.91	32.05	209.2	1.00000	
		23.20	19.48	16.04	13.48		8.82	0.875	13	

D29_RAW.txt

8:	38.02	6	33.54	1.14	6.3		5	3110.5	318	
		65.17	57.98	51.99	46.17	40.77	35.30	224.2	2.00000	
	30.18	25.64	21.51	17.72	14.88	12.12	9.85	0.668	13	
*										
	520N	500N ON	495N 520N	490N 10709N	480N 470	470N 4	460N 12:29:47	440N	420N	400N
1:	219.03	-5	10.27	0.00	8.4		5	628.3	293	
		22.02	19.06	16.71	14.60	12.67	10.84	81.3	0.25000	
	9.21	7.74	6.48	5.38	4.42	3.61	2.82	1.475	13	
2:	142.87	4	12.75	0.00	8.6		5	942.5	286	
		26.94	23.44	20.59	18.07	15.73	13.48	96.3	0.50000	
	11.43	9.65	8.11	6.72	5.57	4.56	3.62	1.518	13	
3:	193.33	1	15.21	0.00	2.3		5	754.0	310	
		31.36	27.49	24.28	21.35	18.66	16.05	110.7	1.00000	
	13.66	11.54	9.70	8.07	6.69	5.51	4.40	1.533	13	
4:	103.86	1	18.80	0.00	1.4		5	1256.7	278	
		38.61	33.92	29.98	26.41	23.07	19.83	135.4	1.00000	
	16.86	14.27	11.99	9.97	8.28	6.85	5.50	1.532	13	
5:	65.69	-4	21.74	0.00	1.2		5	1885.0	263	
		44.26	39.02	34.51	30.51	26.64	22.92	155.9	1.00000	
	19.52	16.55	13.93	11.63	9.71	8.13	6.60	2.119	13	
6:	95.28	-2	26.18	0.00	2.2		5	1508.0	306	
		52.34	46.37	41.07	36.50	31.96	27.56	182.6	4.00000	
	23.54	20.02	16.94	14.20	11.93	10.12	8.34	2.554	13	
7:	52.10	5	31.25	0.00	5.9		5	2513.5	279	
		62.18	55.11	48.78	43.50	38.08	32.89	217.8	8.00000	
	28.11	24.01	20.42	17.19	14.56	12.46	10.45	3.261	13	
8:	39.48	6	33.80	0.01	5.4		5	3770.3	317	
		66.66	59.16	52.32	46.77	40.95	35.50	233.9	8.00000	
	30.34	26.03	22.23	18.83	16.06	13.89	11.55	3.527	13	
*										
	530N	520N ON	515N 530N	510N 10729N	500N 470	490N 4	480N 12:33:49	460N	440N	420N
1:	679.15	-9	5.08	0.01	10.2		5	188.5	272	
		11.81	9.95	8.61	7.41	6.37	5.39	46.4	0.06250	
	4.53	3.77	3.12	2.56	2.10	1.70	1.37	2.034	13	
2:	399.28	11	7.38	0.00	14.7		5	377.0	320	
		16.39	14.00	12.20	10.60	9.17	7.82	62.5	0.12500	
	6.60	5.54	4.61	3.80	3.13	2.54	2.05	1.860	13	
3:	395.13	-3	10.61	0.01	7.3		5	377.0	317	
		22.59	19.56	17.20	15.03	13.08	11.21	83.6	0.25000	
	9.51	8.00	6.67	5.50	4.51	3.68	2.97	1.278	13	
4:	188.03	-2	15.32	0.03	2.6		5	754.0	302	
		31.78	27.76	24.56	21.57	18.84	16.18	113.9	0.50000	
	13.76	11.59	9.68	7.99	6.56	5.34	4.35	0.954	13	
5:	117.86	2	18.41	0.02	1.8		5	1256.7	315	
		37.74	33.10	29.34	25.86	22.62	19.45	135.1	0.50000	
	16.53	13.96	11.62	9.57	7.83	6.37	5.19	0.646	13	
6:	119.66	-2	21.77	0.01	2.0		5	1099.6	280	
		44.71	39.18	34.79	30.71	26.79	23.03	164.6	0.25000	
	19.50	16.43	13.62	11.18	9.08	7.37	6.01	0.841	13	

D29_RAW.txt

7:	74.64	-2	27.07	0.01	4.9		5	1979.3	314
		54.65	48.20	42.90	38.09	33.22	28.62	200.1	0.25000
	24.26	20.47	16.92	13.84	11.16	8.92	7.27	1.011	13
8:	42.79	8	31.51	0.03	6.1		5	3110.5	283
		63.45	55.90	49.76	44.29	38.59	33.34	229.5	0.25000
	28.21	23.84	19.63	16.01	12.89	10.27	8.42	1.213	13

*

	540N	520N ON	515N 540N	510N 10729N	500N 470	490N 4	480N 12:37:35	460N	440N	420N
1:	234.82	-9	9.24	0.09	9.9		5	628.3	314	
		19.43	16.89	14.90	13.05	11.39	9.76	70.4	0.50000	
	8.30	7.00	5.86	4.86	4.00	3.26	2.65	1.328	13	
2:	162.02	9	11.81	0.01	12.0		5	942.5	325	
		24.69	21.53	19.01	16.64	14.53	12.46	88.8	0.50000	
	10.61	8.91	7.44	6.15	5.06	4.12	3.34	1.176	13	
3:	188.82	-0	15.08	0.18	4.8		5	754.0	303	
		31.05	27.23	24.13	21.17	18.53	15.91	112.2	0.50000	
	13.57	11.43	9.56	7.91	6.48	5.27	4.26	0.740	13	
4:	107.41	-1	19.15	0.32	2.2		5	1256.7	287	
		38.91	34.31	30.46	26.78	23.45	20.18	140.3	0.50000	
	17.23	14.50	12.12	10.04	8.22	6.67	5.41	0.646	13	
5:	75.93	1	21.21	0.58	1.5		5	1885.0	305	
		42.85	37.85	33.66	29.64	25.97	22.35	154.0	0.50000	
	19.10	16.09	13.44	11.12	9.09	7.33	5.87	0.458	13	
6:	86.31	-2	23.42	0.90	1.8		5	1508.0	277	
		47.48	41.95	37.30	32.81	28.73	24.69	168.4	0.50000	
	21.08	17.73	14.78	12.20	9.92	7.96	6.34	0.849	13	
7:	58.51	-3	28.23	1.92	4.7		5	2513.5	313	
		56.28	49.95	44.53	39.29	34.48	29.73	200.3	0.50000	
	25.45	21.49	17.90	14.79	11.98	9.55	7.46	0.681	11	
8:	34.90	8	32.32	2.48	5.7		5	3770.3	280	
		64.05	56.91	50.80	44.82	39.40	34.00	220.2	1.00000	
	29.17	24.67	20.57	17.03	13.76	10.94	8.50	0.699	11	

*

	550N	540N ON	535N 550N	530N 10749N	520N 470	510N 4	500N 12:40:32	480N	460N	440N
1:	690.41	-9	5.66	0.02	13.4		5	188.5	277	
		12.66	10.76	9.38	8.13	7.04	5.99	48.0	0.12500	
	5.06	4.23	3.52	2.91	2.38	1.93	1.56	1.778	13	
2:	357.98	13	7.89	0.03	17.3		5	377.0	287	
		17.32	14.84	12.98	11.27	9.77	8.34	66.4	0.12500	
	7.06	5.91	4.92	4.06	3.32	2.69	2.19	1.771	13	
3:	341.32	-2	10.97	0.04	6.9		5	377.0	274	
		23.40	20.26	17.82	15.55	13.52	11.59	86.6	0.25000	
	9.84	8.27	6.91	5.72	4.70	3.83	3.09	1.511	13	
4:	185.61	0	14.85	0.08	3.3		5	754.0	298	
		30.28	26.61	23.63	20.77	18.18	15.66	110.6	0.50000	
	13.36	11.27	9.44	7.83	6.44	5.24	4.25	1.073	13	
5:	107.02	0	19.08	0.16	3.1		5	1256.7	286	
		38.73	34.10	30.30	26.69	23.34	20.13	140.2	0.50000	
	17.15	14.48	12.13	10.08	8.27	6.74	5.43	1.028	13	

D29_RAW.txt

6:	120.87	-2	22.60	0.35	2.0		5	1099.6	283
		45.61	40.27	35.84	31.57	27.65	23.84	164.1	0.50000
	20.33	17.13	14.35	11.89	9.77	7.95	6.41	0.905	13
7:	65.03	0	24.66	0.59	4.7		5	1979.3	274
		49.94	44.09	39.21	34.51	30.19	26.04	177.6	0.50000
	22.15	18.67	15.60	12.99	10.59	8.58	6.87	0.536	13
8:	46.81	1	29.22	1.09	5.7		5	3110.5	310
		58.19	51.66	46.09	40.71	35.69	30.85	201.0	1.00000
	26.28	22.18	18.75	15.30	12.59	10.21	8.18	0.903	13

*

	560N	540N ON	535N 560N	530N 10749N	520N 470	510N 4	500N 12:43:18	480N	460N	440N
1:	249.30	-9	9.20	0.01	12.3		5	628.3	333	
		19.22	16.71	14.77	12.96	11.31	9.72	70.0	0.50000	
	8.27	6.98	5.83	4.84	3.98	3.25	2.63	1.210	13	
2:	153.25	11	11.76	0.00	13.7		5	942.5	307	
		24.73	21.53	18.98	16.61	14.47	12.42	88.7	0.50000	
	10.57	8.89	7.42	6.14	5.06	4.12	3.33	1.300	13	
3:	172.64	0	14.99	0.04	3.8		5	754.0	277	
		31.18	27.26	24.10	21.12	18.43	15.82	111.9	0.50000	
	13.47	11.35	9.48	7.86	6.46	5.27	4.26	1.062	13	
4:	110.21	-0	18.55	0.12	2.4		5	1256.7	295	
		37.55	33.11	29.45	25.93	22.73	19.57	132.7	1.00000	
	16.70	14.10	11.80	9.79	8.06	6.58	5.32	0.962	13	
5:	71.36	2	21.83	0.19	2.2		5	1885.0	286	
		44.22	39.01	34.69	30.53	26.75	23.03	154.6	1.00000	
	19.66	16.59	13.88	11.51	9.47	7.73	6.25	1.013	13	
6:	89.29	-2	24.32	0.36	1.8		5	1508.0	286	
		49.03	43.33	38.58	34.00	29.81	25.68	170.9	1.00000	
	21.91	18.52	15.49	12.86	10.57	8.63	6.96	0.819	13	
7:	52.24	-0	25.51	0.60	4.5		5	2513.5	279	
		51.58	45.56	40.56	35.72	31.31	26.94	184.1	0.50000	
	22.99	19.42	16.23	13.47	11.05	9.01	7.23	0.895	13	
8:	39.20	0	29.86	1.09	5.4		5	3770.3	314	
		59.37	52.74	47.13	41.60	36.56	31.55	206.3	1.00000	
	26.96	22.87	19.15	15.91	13.08	10.67	8.54	0.421	13	

*

	570N	560N ON	555N 570N	550N 10769N	540N 470	530N 4	520N 12:46:15	500N	480N	460N
1:	781.93	-9	5.34	0.01	10.4		5	188.5	314	
		12.52	10.51	9.07	7.79	6.69	5.66	48.8	0.06250	
	4.76	3.96	3.29	2.70	2.20	1.78	1.44	2.234	13	
2:	386.04	12	7.09	0.01	18.3		5	377.0	310	
		15.69	13.40	11.69	10.15	8.79	7.50	59.9	0.12500	
	6.34	5.32	4.42	3.65	2.98	2.42	1.96	1.712	13	
3:	370.35	-6	10.42	0.07	10.0		5	377.0	297	
		22.37	19.33	16.97	14.79	12.85	11.00	82.7	0.25000	
	9.35	7.85	6.60	5.45	4.48	3.66	2.99	1.919	13	
4:	174.14	-1	14.94	0.04	2.3		5	754.0	279	
		30.41	26.76	23.72	20.86	18.24	15.73	108.4	1.00000	
	13.45	11.35	9.56	7.90	6.51	5.35	4.36	1.169	13	

D29_RAW.txt

5:	91.53	2	19.50	0.11	2.7		5	1256.7	245
	39.81		35.05	30.97	27.23	23.81	20.52	139.8	1.00000
	17.57	14.80	12.53	10.30	8.51	7.05	5.75	1.411	13
6:	114.69	2	23.25	0.15	2.3		5	1099.6	268
	46.62		41.28	36.46	32.20	28.20	24.41	162.3	2.00000
	20.99	17.72	15.09	12.38	10.25	8.53	7.00	1.613	13
7:	64.72	-1	26.31	0.22	5.3		5	1979.3	273
	52.51		46.44	40.78	36.09	31.61	27.52	182.3	2.00000
	23.77	20.06	17.30	14.08	11.74	9.91	8.20	2.196	13
8:	40.79	4	27.00	0.12	8.3		5	3110.5	270
	53.99		47.71	41.54	36.81	32.18	28.13	186.4	4.00000
	24.43	20.58	17.88	14.46	12.12	10.28	8.53	2.620	13

*

	580N	560N ON	555N 580N	550N 10769N	540N 470	530N 4	520N 12:49:00	500N	480N	460N
1:	232.79	-9	9.28	0.00	9.5		5	628.3	311	
	19.75		17.12	15.09	13.17	11.47	9.80	73.7	0.25000	
	8.32	6.99	5.85	4.84	3.98	3.24	2.63	1.567	13	
2:	137.56	10	11.20	0.01	13.6		5	942.5	276	
	23.51		20.49	18.10	15.83	13.76	11.82	84.4	0.50000	
	10.05	8.45	7.05	5.84	4.80	3.90	3.16	1.282	13	
3:	163.42	-4	14.69	0.01	5.8		5	754.0	262	
	30.49		26.68	23.64	20.72	18.06	15.51	109.7	0.50000	
	13.19	11.10	9.27	7.70	6.34	5.17	4.20	1.110	13	
4:	95.60	-1	18.84	0.00	2.0		5	1256.7	256	
	38.08		33.58	29.95	26.35	23.09	19.85	134.8	1.00000	
	16.96	14.30	11.98	9.96	8.20	6.70	5.44	0.938	13	
5:	58.49	3	22.68	0.00	2.2		5	1885.0	235	
	45.96		40.45	36.06	31.70	27.75	23.89	160.4	1.00000	
	20.42	17.23	14.44	12.01	9.90	8.08	6.57	0.997	13	
6:	81.72	2	25.28	0.00	2.0		5	1508.0	262	
	50.57		44.66	40.05	35.23	30.91	26.61	177.6	1.00000	
	22.79	19.25	16.15	13.46	11.12	9.12	7.43	0.931	13	
7:	50.66	-1	27.14	0.00	5.0		5	2513.5	271	
	54.06		47.61	42.96	37.70	33.13	28.53	187.0	2.00000	
	24.50	20.72	17.42	14.56	12.09	9.94	8.14	1.295	13	
8:	33.57	3	27.21	0.00	6.9		5	3770.3	269	
	54.31		47.80	43.31	37.87	33.25	28.60	188.0	2.00000	
	24.56	20.76	17.46	14.62	12.17	10.08	8.28	1.543	13	

*

	590N	580N ON	575N 590N	570N 10789N	560N 297	550N 4	540N 12:52:23	520N	500N	480N
1:	385.46	-8	5.88	0.11	8.9		6	188.5	245	
	13.77		11.62	10.06	8.63	7.40	6.25	57.8	0.03125	
	5.27	4.35	3.62	2.93	2.37	1.90	1.51	1.371	13	
2:	206.76	13	7.69	0.18	19.7		6	377.0	262	
	16.98		14.56	12.73	11.07	9.57	8.15	65.0	0.12500	
	6.94	5.77	4.87	3.97	3.25	2.62	2.10	1.403	13	
3:	225.80	-5	10.74	0.30	12.8		6	377.0	287	
	22.71		19.74	17.42	15.25	13.29	11.36	84.7	0.25000	
	9.80	8.14	6.88	5.60	4.59	3.66	2.93	0.968	13	

D29_RAW.txt

4:	96.81	-1	14.18	0.75	2.7		6	754.0	246
		29.54	25.84	22.88	20.09	17.53	15.01	106.7	0.50000
	13.07	10.82	9.33	7.51	6.15	4.92	3.96	1.224	13
5:	54.44	-1	17.91	0.97	2.9		6	1256.7	230
		37.10	32.49	28.82	25.40	22.19	18.96	132.7	0.50000
	16.64	13.69	11.70	9.38	7.80	6.08	4.89	1.598	13
6:	62.54	0	21.94	1.75	2.3		6	1099.6	232
		45.06	39.58	35.21	31.11	27.22	23.25	157.8	1.00000
	20.68	16.87	14.67	11.62	9.63	7.49	6.04	1.613	11
7:	37.59	3	24.90	3.34	12.1		6	1979.3	251
		51.50	45.13	40.11	35.51	31.02	26.44	179.6	1.00000
	24.03	19.19	17.25	13.29	10.98	8.21	6.55	2.499	9
8:	24.91	0	24.87	5.35	11.9		6	3110.5	261
		51.70	45.13	40.04	35.70	31.11	26.47	187.3	0.25000
	24.92	19.18	18.10	13.32	11.07	7.65	5.97	0.818	5

*

	600N	580N ON	575N 600N	570N 10789N	560N 297	550N 4	540N 12:55:14	520N	500N	480N
1:	98.65	-9	11.08	0.24	9.0		6	628.3	209	
		23.41	20.41	17.93	15.65	13.59	11.75	86.2	0.25000	
	9.67	8.05	6.64	5.52	4.55	3.93	3.14	2.831	13	
2:	67.84	11	13.12	0.29	13.8		6	942.5	215	
		27.30	23.91	21.03	18.42	16.06	13.90	96.9	0.50000	
	11.41	9.50	7.83	6.51	5.36	4.70	3.80	3.347	13	
3:	94.09	-2	15.88	0.54	6.5		6	754.0	239	
		32.11	28.35	25.02	22.03	19.27	16.81	113.4	1.00000	
	13.71	11.46	9.47	7.96	6.62	5.98	4.86	4.354	13	
4:	50.22	-1	18.10	0.94	2.3		6	1256.7	212	
		36.19	32.13	28.35	24.94	21.83	19.20	127.4	1.00000	
	15.30	12.71	10.41	8.80	7.36	6.98	5.80	6.525	13	
5:	33.57	-1	20.52	1.22	2.5		6	1885.0	213	
		40.84	36.32	31.95	28.18	24.67	21.79	140.9	2.00000	
	17.16	14.21	11.61	9.86	8.29	8.08	6.78	7.793	13	
6:	43.59	-0	23.61	1.86	1.9		6	1508.0	221	
		45.98	41.17	36.23	32.05	28.15	25.10	163.6	0.50000	
	19.32	15.91	12.93	11.07	9.38	9.62	8.21	7.862	12	
7:	28.63	3	27.24	5.98	10.9		6	2513.5	242	
		51.19	46.76	41.38	36.86	32.69	28.90	183.7	2.00000	
	22.28	18.60	15.24	13.58	11.47	12.03	11.12	0.583	5	
8:	19.79	-0	20.27	4.94	10.7		6	3770.3	251	
		43.51	37.11	32.45	27.20	22.58	21.72			
	13.37	9.09	5.49	4.61	3.91	10.69	9.14		99	

*

	610N	600N ON	595N 610N	590N 10809N	580N 338	570N 4	560N 12:58:30	540N	520N	500N
1:	355.12	-6	5.84	0.05	9.1		5	188.5	198	
		13.37	11.37	9.89	8.55	7.34	6.20	62.0	0.01563	
	5.18	4.28	3.51	2.85	2.30	1.88	1.39	1.493	13	
2:	205.76	5	7.80	0.09	12.0		5	377.0	230	
		17.05	14.70	12.90	11.23	9.71	8.27	65.2	0.12500	
	6.96	5.81	4.81	3.94	3.22	2.67	2.06	1.265	13	

D29_RAW.txt

3:	204.57	4	11.48	0.17	4.8		5	377.0	228
		24.21	21.10	18.62	16.28	14.19	12.13	89.9	0.25000
	10.27	8.61	7.15	5.88	4.81	4.03	3.18	1.268	13
4:	91.09	0	16.50	0.35	4.6		5	754.0	203
		34.38	30.14	26.65	23.37	20.37	17.44	122.4	0.50000
	14.78	12.40	10.32	8.49	6.93	5.91	4.75	1.795	13
5:	62.46	-1	19.07	0.46	5.0		5	1256.7	232
		39.48	34.72	30.74	26.95	23.54	20.16	140.9	0.50000
	17.10	14.31	11.86	9.70	8.03	7.03	5.74	2.979	13
6:	65.19	-2	20.78	0.94	2.4		5	1099.6	212
		43.56	38.27	33.81	29.59	25.78	22.00	152.9	0.50000
	18.59	15.52	12.80	10.43	8.54	7.68	6.33	3.746	13
7:	38.07	-0	24.37	1.44	6.1		5	1979.3	223
		51.03	44.93	39.69	34.73	30.29	25.81	173.4	1.00000
	21.80	18.18	14.96	12.15	10.13	9.41	7.94	5.473	13
8:	26.59	5	25.60	2.36	11.1		5	3110.5	245
		54.73	48.13	42.33	36.90	32.04	27.16	215.7	0.06250
	22.78	18.80	15.28	12.21	10.23	10.50	9.09	1.263	10

*

	620N	600N ON	595N 620N	590N 10809N	580N 338	570N 4	560N 13:01:33	540N	520N	500N
1:	89.11	-6	10.82	0.15	9.3		5	628.3	166	
		22.21	19.49	17.47	15.30	13.33	11.48	82.2	0.50000	
	9.77	8.33	7.02	5.68	4.69	3.88	3.10	1.099	13	
2:	68.54	5	13.38	0.13	11.0		5	942.5	191	
		27.19	23.95	21.43	18.87	16.45	14.18	97.9	1.00000	
	12.06	10.29	8.66	7.06	5.84	4.79	3.84	0.987	13	
3:	87.03	5	17.26	0.19	3.1		5	754.0	194	
		34.72	30.67	27.52	24.28	21.18	18.29	125.0	1.00000	
	15.57	13.30	11.23	9.16	7.58	6.26	5.07	0.894	13	
4:	48.84	-2	21.32	0.22	3.3		5	1256.7	182	
		42.81	37.94	34.06	29.98	26.15	22.64	151.0	2.00000	
	19.29	16.57	14.04	11.42	9.45	7.87	6.45	1.450	13	
5:	39.03	0	22.68	0.23	3.6		5	1885.0	218	
		45.27	40.14	36.09	31.79	27.72	24.04	160.3	2.00000	
	20.56	17.67	15.03	12.18	10.10	8.54	7.02	1.619	13	
6:	45.68	-2	24.01	0.58	2.0		5	1508.0	204	
		48.11	42.60	38.41	33.82	29.43	25.63	170.5	2.00000	
	21.84	19.03	16.28	13.06	10.87	9.12	7.59	1.882	13	
7:	29.27	-1	27.87	0.63	5.4		5	2513.5	218	
		55.19	48.95	44.36	39.15	34.09	29.83	196.3	4.00000	
	25.41	22.36	19.26	15.39	12.84	10.97	9.22	2.382	13	
8:	21.44	5	30.33	1.28	7.7		5	3770.3	239	
		59.39	52.91	48.44	42.64	36.92	32.74	222.7	16.00000	
	28.01	25.09	22.01	17.19	14.46	12.43	10.81	3.148	13	

*

	630N	620N ON	615N 630N	610N 10829N	600N 476	590N 4	580N 13:42:17	560N	540N	520N
1:	219.08	-6	7.92	0.00	10.4		5	188.5	87	
		17.47	15.00	13.17	11.43	9.90	8.38	70.4	0.06250	
	7.06	5.89	4.86	3.98	3.22	2.58	1.96	1.288	13	

D29_RAW.txt

2:	138.31	5	9.13	0.00	10.1		5	377.0	110
	19.63		16.94	14.93	13.00	11.33	9.65	75.6	0.12500
	8.15	6.82	5.66	4.65	3.78	3.03	2.35	0.970	13
3:	158.81	6	12.23	0.02	2.2		5	377.0	126
	25.84		22.45	19.89	17.37	15.13	12.91	95.2	0.25000
	10.94	9.18	7.64	6.29	5.13	4.15	3.25	0.915	13
4:	127.98	3	15.40	0.04	1.3		5	754.0	203
	31.32		27.42	24.53	21.59	18.91	16.23	114.0	0.50000
	13.84	11.69	9.76	8.09	6.62	5.38	4.26	0.625	13
5:	83.35	3	19.66	0.07	1.5		5	1256.7	220
	39.80		34.88	31.24	27.49	24.11	20.71	143.9	0.50000
	17.65	14.94	12.50	10.37	8.49	6.91	5.50	0.830	13
6:	93.94	-3	23.16	0.12	1.5		5	1099.6	217
	46.82		41.00	36.79	32.39	28.39	24.39	167.8	0.50000
	20.78	17.60	14.72	12.23	10.01	8.16	6.52	0.939	13
7:	52.66	-5	24.63	0.29	6.3		5	1979.3	219
	49.91		43.70	39.31	34.60	30.58	25.92	174.7	1.00000
	22.43	19.02	15.95	13.33	10.91	8.95	7.16	0.886	13
8:	35.41	2	28.55	0.24	6.8		5	3110.5	231
	56.27		49.07	44.49	39.23	34.74	30.08	196.2	1.00000
	25.45	21.78	18.06	15.13	12.53	10.02	8.09	0.825	13

*

	640N	620N ON	615N 640N	610N 10829N	600N 476	590N 4	580N 13:44:53	560N	540N	520N
1:	108.48		-6	10.88	0.06	10.1		5	628.3	143
	23.16		20.16	17.75	15.48	13.48	11.51	90.0	0.12500	
	9.74	8.15	6.76	5.58	4.54	3.66	2.91	0.919	13	
2:	79.04	5	11.87	0.09	10.1		5	942.5	157	
	25.09		21.84	19.25	16.83	14.67	12.54	92.6	0.25000	
	10.64	8.93	7.42	6.12	5.00	4.03	3.21	0.723	13	
3:	103.44	6	14.58	0.09	2.1		5	754.0	164	
	30.54		26.70	23.56	20.64	17.97	15.40	113.3	0.25000	
	13.04	10.96	9.12	7.54	6.18	5.06	4.10	1.276	13	
4:	90.62	3	17.21	0.18	1.3		5	1256.7	239	
	34.96		30.79	27.35	24.07	21.10	18.15	126.9	0.50000	
	15.49	13.06	10.92	9.06	7.43	5.98	4.84	0.641	13	
5:	62.62	3	21.03	0.24	1.5		5	1885.0	248	
	42.57		37.57	33.38	29.34	25.75	22.17	153.4	0.50000	
	18.93	15.97	13.34	11.08	9.10	7.34	5.95	0.812	13	
6:	74.59	-3	24.10	0.35	1.5		5	1508.0	236	
	48.79		43.03	38.22	33.64	29.53	25.42	174.3	0.50000	
	21.72	18.34	15.32	12.72	10.44	8.39	6.83	0.847	13	
7:	43.78	-5	25.43	0.50	8.4		5	2513.5	231	
	51.49		45.38	40.27	35.46	31.15	26.80	183.5	0.50000	
	22.94	19.40	16.21	13.48	11.07	8.87	7.24	1.053	13	
8:	30.19	3	29.00	0.70	8.9		5	3770.3	239	
	57.87		51.19	45.56	40.20	35.44	30.55	200.6	1.00000	
	26.20	22.21	18.55	15.47	12.72	10.17	8.37	0.675	13	

*

	650N	640N ON	635N 650N	630N 10849N	620N 476	610N 4	600N 13:47:43	580N	560N	540N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D29_RAW.txt

1:	210.97	-9	6.42	0.01	8.7		5	188.5	84
		14.53	12.43	10.86	9.40	8.07	6.82	67.8	0.01563
	5.69	4.70	3.86	3.13	2.53	2.00	1.51	1.487	13
2:	96.97	7	8.04	0.02	9.9		5	377.0	77
		17.59	15.18	13.32	11.60	10.02	8.53	71.5	0.06250
	7.15	5.98	4.96	4.05	3.27	2.64	2.02	1.003	13
3:	121.98	-0	11.26	0.04	3.6		5	377.0	97
		23.85	20.79	18.34	16.03	13.92	11.90	92.8	0.12500
	10.07	8.47	7.01	5.77	4.70	3.78	2.95	0.986	13
4:	109.30	0	14.49	0.00	4.5		5	754.0	173
		30.07	26.31	23.33	20.47	17.87	15.32	108.2	0.50000
	13.04	10.95	9.16	7.60	6.25	5.10	4.05	0.906	13
5:	67.32	7	17.30	0.07	4.1		5	1256.7	178
		35.75	31.42	27.84	24.42	21.26	18.28	133.0	0.25000
	15.52	13.07	10.88	8.99	7.36	5.96	4.71	0.887	13
6:	108.19	2	20.85	0.10	2.2		5	1099.6	250
		42.01	37.19	33.13	29.18	25.51	22.01	152.2	0.50000
	18.76	15.86	13.24	10.97	9.03	7.33	5.88	0.810	13
7:	56.99	2	25.63	0.12	4.8		5	1979.3	237
		51.60	45.67	40.74	35.86	31.35	27.08	179.6	1.00000
	23.05	19.53	16.34	13.57	11.20	9.12	7.40	0.793	13
8:	35.17	-2	26.65	0.21	5.0		5	3110.5	230
		53.56	47.49	42.41	37.34	32.59	28.18	185.9	1.00000
	23.95	20.33	16.99	14.09	11.62	9.43	7.61	0.794	13

*

	660N	640N ON	635N 660N	630N 10849N	620N 476	610N 4	600N 13:50:40	580N	560N	540N
1:	78.42	-9	10.92	0.09	8.5		5	628.3	104	
		22.85	19.94	17.62	15.44	13.46	11.52	85.2	0.25000	
	9.81	8.21	6.86	5.67	4.64	3.74	2.84	1.416	13	
2:	44.63	6	12.82	0.27	9.1		5	942.5	88	
		26.45	23.14	20.48	17.99	15.73	13.51	96.0	0.50000	
	11.55	9.73	8.17	6.76	5.58	4.54	3.47	1.382	13	
3:	68.08	0	15.51	0.25	2.4		5	754.0	108	
		32.01	28.09	24.89	21.84	19.09	16.36	115.1	0.50000	
	13.96	11.72	9.84	8.14	6.69	5.41	4.27	0.888	13	
4:	70.03	0	18.25	0.36	2.7		5	1256.7	185	
		36.87	32.47	28.86	25.43	22.29	19.21	130.8	1.00000	
	16.48	13.91	11.73	9.76	8.07	6.59	5.06	1.428	13	
5:	46.26	7	20.28	0.45	2.8		5	1885.0	183	
		41.42	36.48	32.38	28.45	24.90	21.38	148.8	0.50000	
	18.28	15.37	12.94	10.72	8.86	7.20	5.67	1.003	13	
6:	79.48	3	23.56	0.15	2.0		5	1508.0	252	
		46.87	41.52	36.98	32.68	28.66	24.80	165.1	1.00000	
	21.28	17.98	15.13	12.52	10.34	8.28	6.53	1.078	13	
7:	44.82	1	27.48	0.68	4.0		5	2513.5	237	
		55.01	48.74	43.47	38.29	33.58	28.90	191.0	1.00000	
	24.85	20.93	17.65	14.60	12.02	9.77	7.73	0.819	13	
8:	28.76	-1	29.05	0.45	4.1		5	3770.3	228	
		57.43	50.95	45.41	40.12	35.16	30.51	200.2	1.00000	
	26.33	22.21	18.85	15.57	12.90	10.22	8.00	1.438	13	

D29_RAW.txt

*	670N	660N ON	655N 670N	650N 10869N	640N 476	630N 4	620N 13:55:40	600N	580N	560N
1:	155.73		-10	8.64	0.05	10.9		5	188.5	62
	7.71		18.69	16.19	14.28	12.37	10.70	9.14	72.0	0.12500
			6.45	5.38	4.41	3.62	2.92	2.23	1.245	13
2:	98.58		10	9.34	0.01	11.3		5	377.0	78
	8.33		19.99	17.36	15.13	13.26	11.57	9.89	77.4	0.12500
			7.04	5.84	4.77	3.88	3.13	2.42	1.156	13
3:	140.72		2	11.38	0.07	1.9		5	377.0	111
	10.16		23.95	20.91	18.45	16.12	14.03	12.05	88.7	0.25000
			8.54	7.13	5.84	4.80	3.87	3.00	1.024	13
4:	74.35		-3	14.48	0.07	3.8		5	754.0	118
	12.95		29.74	26.05	23.19	20.30	17.71	15.31	107.4	0.50000
			10.92	9.15	7.54	6.22	5.05	3.98	0.833	13
5:	46.90		4	18.22	0.00	4.1		5	1256.7	124
	16.30		37.24	32.61	29.14	25.44	22.24	19.25	134.2	0.50000
			13.76	11.57	9.55	7.92	6.45	5.15	1.049	13
6:	86.98		4	20.98	0.13	2.9		5	1099.6	201
	18.78		42.46	37.42	33.39	29.26	25.57	22.19	148.7	1.00000
			15.89	13.38	11.02	9.14	7.46	5.94	1.121	13
7:	63.20		5	24.98	0.35	5.5		5	1979.3	263
	22.41		49.78	44.34	39.43	34.69	30.48	26.43	175.2	1.00000
			19.05	16.09	13.20	11.01	8.98	7.16	0.737	13
8:	37.33		1	29.00	0.45	5.3		5	3110.5	244
	26.03		57.69	51.55	45.81	40.24	35.34	30.69	201.1	1.00000
			22.17	18.73	15.34	12.82	10.46	8.32	0.806	13

*	680N	660N ON	655N 680N	650N 10869N	640N 476	630N 4	620N 13:58:12	600N	580N	560N
1:	71.89		-11	11.55	0.01	11.0		5	628.3	95
	10.31		24.57	21.44	18.85	16.44	14.30	12.25	94.7	0.12500
			8.58	7.18	5.87	4.75	3.80	2.95	1.004	13
2:	54.68		11	11.70	0.18	11.3		5	942.5	108
	10.45		25.09	21.86	19.20	16.70	14.48	12.40	96.7	0.12500
			8.72	7.23	5.94	4.87	3.96	3.18	1.091	13
3:	88.41		2	13.55	0.12	1.8		5	754.0	140
	12.12		28.52	24.96	21.96	19.23	16.69	14.33	110.8	0.12500
			10.04	8.42	6.91	5.62	4.54	3.60	0.939	13
4:	51.79		-4	16.36	0.19	2.7		5	1256.7	137
	14.67		33.77	29.71	26.23	23.06	20.05	17.28	125.5	0.25000
			12.23	10.23	8.43	6.87	5.56	4.43	0.556	13
5:	35.00		4	20.00	0.24	3.1		5	1885.0	139
	17.93		40.95	36.10	31.89	28.09	24.41	21.11	145.6	0.50000
			15.02	12.59	10.37	8.49	6.90	5.52	0.703	13
6:	68.35		4	22.29	0.23	2.7		5	1508.0	217
	19.97		45.36	40.07	35.42	31.20	27.17	23.53	161.1	0.50000
			16.66	14.04	11.60	9.46	7.71	6.20	0.587	13
7:	51.95		5	25.80	0.36	5.1		5	2513.5	274
	23.22		51.80	45.95	40.69	35.90	31.39	27.24	184.8	0.50000
			19.22	16.31	13.49	11.04	9.03	7.31	0.975	13

D29_RAW.txt

8:	31.66	1	29.44	0.44	4.8		5	3770.3	251
		59.05	52.44	46.36	40.88	35.75	31.09	208.4	0.50000
	26.43	21.82	18.62	15.41	12.57	10.28	8.34	1.034	13

*

	690N	680N ON	675N 690N	670N 10889N	660N 476	650N 4	640N 14:01:13	620N	600N	580N
1:	145.59	0	11.66	0.02	1.5		5	188.5	58	
		23.62	20.75	18.42	16.20	14.23	12.28	85.5	1.00000	
	10.52	8.90	7.47	6.19	5.12	4.19	3.37	0.951	13	
2:	74.27	-4	12.10	0.01	16.1		5	377.0	59	
		24.79	21.73	19.26	16.95	14.80	12.78	90.7	0.50000	
	10.86	9.17	7.65	6.34	5.21	4.24	3.42	0.798	13	
3:	108.46	1	12.60	0.04	17.1		5	377.0	86	
		27.06	23.57	20.80	18.07	15.69	13.33	110.5	0.06250	
	11.25	9.38	7.74	6.31	5.10	4.11	3.24	0.712	13	
4:	78.10	1	13.67	0.13	2.9		5	754.0	124	
		29.21	25.47	22.48	19.54	16.96	14.45	112.1	0.12500	
	12.23	10.21	8.46	6.92	5.64	4.55	3.64	0.459	13	
5:	60.54	2	15.20	0.18	1.8		5	1256.7	160	
		32.04	28.04	24.84	21.61	18.80	16.05	117.4	0.25000	
	13.59	11.41	9.48	7.76	6.35	5.14	4.12	0.720	13	
6:	64.52	-2	19.47	0.25	2.1		5	1099.6	149	
		40.02	35.22	31.30	27.36	23.90	20.53	142.8	0.50000	
	17.45	14.72	12.29	10.11	8.35	6.82	5.51	0.846	13	
7:	54.24	10	23.62	0.40	5.4		5	1979.3	226	
		48.05	42.38	37.76	33.01	28.93	24.88	171.6	0.50000	
	21.21	17.96	15.05	12.41	10.24	8.36	6.78	1.121	13	
8:	43.06	4	26.96	0.47	6.0		5	3110.5	281	
		53.93	47.84	42.81	37.51	32.91	28.34	188.1	1.00000	
	24.25	20.59	17.29	14.27	11.78	9.66	7.83	0.742	13	

*

	700N	680N ON	675N 700N	670N 10889N	660N 476	650N 4	640N 14:03:47	620N	600N	580N
1:	64.75	0	12.91	0.05	1.3		5	628.3	85	
		27.04	23.64	20.90	18.29	15.96	13.64	105.6	0.12500	
	11.57	9.69	8.08	6.62	5.39	4.31	3.33	1.303	13	
2:	40.59	-7	12.99	0.08	11.4		5	942.5	80	
		27.42	23.97	21.20	18.49	16.13	13.74	105.9	0.12500	
	11.62	9.70	8.06	6.56	5.29	4.22	3.34	0.831	13	
3:	67.87	5	13.87	0.07	12.3		5	754.0	108	
		29.83	25.97	22.84	19.88	17.26	14.68	121.2	0.06250	
	12.39	10.31	8.57	6.97	5.66	4.52	3.48	1.131	13	
4:	55.36	1	14.37	0.02	2.5		5	1256.7	146	
		30.96	27.00	23.80	20.66	17.97	15.21	125.2	0.06250	
	12.84	10.67	8.88	7.18	5.79	4.64	3.56	1.132	13	
5:	45.65	3	15.87	0.02	1.5		5	1885.0	181	
		33.69	29.45	26.05	22.63	19.76	16.78	129.0	0.12500	
	14.21	11.84	9.87	8.06	6.52	5.28	4.12	0.636	13	
6:	51.11	-2	20.18	0.07	1.8		5	1508.0	162	
		41.81	36.73	32.56	28.48	25.01	21.30	153.2	0.25000	
	18.14	15.20	12.76	10.38	8.46	6.80	5.31	0.946	13	

D29_RAW.txt

7: 44.89 10 24.09 0.05 5.1 5 2513.5 237
 49.42 43.52 38.70 33.83 29.75 25.40|181.4 0.25000
 21.67 18.18 15.31 12.49 10.18 8.25 6.51| 0.942 13

8: 36.56 4 27.23 0.00 5.1 5 3770.3 290
 54.93 48.62 43.51 38.01 33.54 28.68|195.1 0.50000
 24.55 20.64 17.44 14.33 11.66 9.58 7.62| 0.715 13

* 710N 700N 695N 690N 680N 670N 660N 640N 620N 600N
 ON 710N 10909N 476 4 14:07:07|

1: 155.63 -2 9.15 0.02 1.2 5 188.5 62
 19.06 16.60 14.68 12.90 11.26 9.66| 69.4 0.50000
 8.23 6.92 5.79 4.80 3.94 3.20 2.58| 0.979 13

2: 85.25 -3 10.47 0.18 30.0 5 377.0 68
 21.30 18.62 16.51 14.57 12.79 11.03| 76.9 2.00000
 9.45 8.01 6.76 5.65 4.71 3.87 3.16| 1.755 13

3: 114.97 2 13.00 0.10 31.5 5 377.0 91
 27.21 23.73 20.94 18.35 15.99 13.72| 97.6 0.50000
 11.69 9.79 8.19 6.81 5.61 4.58 3.70| 1.268 13

4: 66.88 -2 14.57 0.09 3.5 5 754.0 106
 30.54 26.69 23.56 20.63 17.96 15.38|113.3 0.25000
 13.08 10.91 9.09 7.53 6.19 5.06 4.10| 1.321 13

5: 48.40 2 15.00 0.14 3.6 5 1256.7 128
 32.03 27.94 24.60 21.48 18.63 15.87|116.2 0.25000
 13.41 11.17 9.25 7.66 6.27 5.10 4.10| 1.235 13

6: 78.32 3 16.14 0.24 3.1 5 1099.6 181
 34.10 29.80 26.27 22.98 19.97 17.06|125.4 0.25000
 14.46 12.06 10.02 8.36 6.90 5.64 4.57| 1.584 13

7: 41.83 0 21.16 0.24 4.0 5 1979.3 174
 43.51 38.25 33.86 29.78 25.99 22.32|151.2 1.00000
 19.01 15.96 13.32 11.19 9.29 7.70 6.28| 1.848 13

8: 37.95 11 24.86 0.35 4.3 5 3110.5 248
 50.48 44.52 39.49 34.79 30.44 26.20|176.1 1.00000
 22.40 18.82 15.77 13.30 11.07 9.23 7.56| 2.096 13

* 720N 700N 695N 690N 680N 670N 660N 640N 620N 600N
 ON 720N 10909N 360 4 14:10:12|

1: 42.16 -2 12.56 0.16 1.1 5 628.3 74
 25.41 22.32 19.87 17.46 15.35 13.23| 91.5 1.00000
 11.31 9.55 8.01 6.63 5.46 4.44 3.59| 0.911 13

2: 29.25 -5 13.84 0.16 15.1 5 942.5 77
 27.80 24.43 21.75 19.20 16.85 14.57|100.6 1.00000
 12.48 10.53 8.87 7.37 6.07 4.97 4.02| 0.848 13

3: 46.39 4 16.44 0.19 16.2 5 754.0 97
 33.35 29.27 26.03 22.85 20.09 17.32|118.9 1.00000
 14.80 12.50 10.54 8.76 7.24 5.91 4.84| 1.186 13

4: 30.40 -2 17.21 0.29 2.7 5 1256.7 106
 35.15 30.82 27.36 24.06 21.03 18.15|126.8 0.50000
 15.45 12.99 10.90 9.00 7.40 5.99 4.85| 0.703 13

5: 23.51 1 17.29 0.37 2.5 5 1885.0 123
 35.80 31.32 27.76 24.37 21.22 18.27|132.4 0.25000
 15.48 12.95 10.83 8.91 7.27 5.86 4.72| 0.602 13

D29_RAW.txt

6:	40.34	4	18.01	0.42	2.1		5	1508.0	169
		37.10	32.49	28.84	25.31	22.05	19.01	132.0	0.50000
	16.14	13.49	11.32	9.33	7.65	6.18	5.01	0.843	13
7:	22.37	-0	23.14	0.74	3.9		5	2513.5	156
		46.19	40.85	36.43	32.14	28.11	24.38	162.5	1.00000
	20.80	17.51	14.75	12.22	10.06	8.16	6.65	0.636	13
8:	20.77	11	26.60	0.82	4.1		5	3770.3	218
		52.73	46.64	41.64	36.78	32.21	28.02	185.3	1.00000
	23.94	20.16	17.05	14.16	11.70	9.51	7.79	0.931	13

*

	730N	720N ON	715N 730N	710N 10929N	700N 417	690N 4	680N 14:14:12	660N	640N	620N
1:	102.71	-7	7.20	0.07	4.0		5	188.5	46	
		16.15	13.88	12.13	10.54	9.06	7.66	69.7	0.03125	
	6.39	5.31	4.36	3.56	2.87	2.29	1.82	0.367	13	
2:	77.66	4	7.87	0.06	20.6		5	377.0	70	
		17.57	15.17	13.26	11.43	9.84	8.35	70.3	0.06250	
	7.00	5.80	4.79	3.92	3.19	2.57	2.03	0.934	13	
3:	93.09	2	10.89	0.00	18.6		5	377.0	84	
		23.16	20.20	17.83	15.53	13.50	11.52	95.5	0.06250	
	9.74	8.09	6.68	5.47	4.43	3.49	2.75	1.105	13	
4:	64.56	-6	15.85	0.21	3.3		5	754.0	117	
		31.83	28.20	25.14	22.06	19.35	16.73	115.0	1.00000	
	14.26	12.08	10.16	8.47	7.00	5.73	4.68	1.093	13	
5:	47.11	3	18.41	0.21	3.7		5	1256.7	142	
		37.05	32.84	29.26	25.63	22.56	19.38	132.3	1.00000	
	16.57	14.04	11.82	9.86	8.15	6.59	5.35	0.881	13	
6:	58.18	-1	18.75	0.40	1.6		5	1099.6	153	
		38.42	34.09	30.32	26.38	23.15	19.83	138.4	0.50000	
	16.81	14.19	11.88	9.90	8.13	6.57	5.32	0.822	13	
7:	46.22	5	18.96	0.47	4.1		5	1979.3	219	
		39.19	34.85	30.98	26.80	23.50	20.12	145.9	0.25000	
	17.01	14.29	11.96	9.97	8.17	6.51	5.25	1.042	13	
8:	26.32	2	23.88	0.67	4.2		5	3110.5	196	
		48.15	42.98	38.40	33.36	29.48	25.14	169.1	1.00000	
	21.44	18.19	15.29	12.85	10.62	8.54	6.94	1.097	13	

*

	740N	720N ON	715N 740N	710N 10929N	700N 417	690N 4	680N 14:17:01	660N	640N	620N
1:	49.96	-6	9.78	0.04	3.7		5	628.3	75	
		21.07	18.30	16.09	14.02	12.10	10.34	80.7	0.12500	
	8.72	7.27	6.00	4.91	3.99	3.20	2.56	0.720	13	
2:	44.93	2	10.24	0.00	15.7		5	942.5	102	
		22.20	19.36	16.91	14.71	12.68	10.82	85.0	0.12500	
	9.12	7.65	6.34	5.19	4.23	3.42	2.74	0.830	13	
3:	61.12	4	13.28	0.11	13.8		5	754.0	111	
		27.92	24.34	21.51	18.86	16.38	14.01	102.5	0.25000	
	11.89	9.93	8.23	6.75	5.48	4.42	3.55	0.864	13	
4:	46.65	-6	18.10	0.08	2.4		5	1256.7	141	
		36.18	31.98	28.48	25.06	21.94	19.02	129.7	1.00000	
	16.33	13.82	11.58	9.63	7.93	6.48	5.26	0.818	13	

D29_RAW.txt

5:	36.35	3	20.25	0.10	2.8		5	1885.0	164
	40.68		35.99	32.02	28.24	24.66	21.32	143.9	1.00000
	18.23	15.41	12.87	10.71	8.79	7.21	5.84	0.792	13
6:	47.29	-2	20.26	0.14	1.5		5	1508.0	171
	41.31		36.49	32.39	28.49	24.65	21.33	147.3	0.50000
	18.20	15.31	12.71	10.52	8.57	6.95	5.60	0.642	13
7:	39.16	5	20.18	0.23	3.8		5	2513.5	236
	41.51		36.65	32.47	28.55	24.57	21.23	153.0	0.25000
	18.11	15.20	12.55	10.37	8.41	6.82	5.49	0.527	13
8:	22.78	2	25.07	0.27	4.0		5	3770.3	206
	50.49		44.82	39.82	35.10	30.30	26.33	179.4	0.50000
	22.51	18.97	15.72	13.09	10.64	8.60	6.94	0.505	13

*

	750N	740N ON	735N 750N	730N 10949N	720N 417	710N 4	700N 14:20:23	680N	660N	640N
1:	116.30	-2	7.82	0.04	2.9		5	188.5	53	
	16.94		14.63	12.84	11.21	9.73	8.27	69.3	0.06250	
	6.98	5.80	4.80	3.91	3.16	2.54	1.99	0.716	13	
2:	71.07	0	9.32	0.06	13.4		5	377.0	64	
	20.07		17.40	15.34	13.37	11.59	9.86	82.2	0.06250	
	8.31	6.91	5.70	4.65	3.77	3.02	2.37	0.647	13	
3:	87.47	3	11.35	0.00	13.8		5	377.0	79	
	24.34		21.12	18.64	16.25	14.11	12.00	93.6	0.12500	
	10.15	8.48	7.02	5.76	4.69	3.79	2.98	0.552	13	
4:	62.98	-3	11.89	0.02	4.1		5	754.0	114	
	25.67		22.29	19.58	17.08	14.79	12.57	104.5	0.06250	
	10.60	8.83	7.28	5.95	4.83	3.88	3.05	0.673	13	
5:	44.55	1	15.01	0.07	3.0		5	1256.7	134	
	31.25		27.33	24.22	21.25	18.52	15.84	115.8	0.25000	
	13.45	11.27	9.37	7.73	6.31	5.11	4.07	0.468	13	
6:	65.11	-3	20.39	0.10	1.6		5	1099.6	172	
	40.97		36.12	32.16	28.41	24.92	21.45	145.0	1.00000	
	18.36	15.50	13.00	10.81	8.91	7.30	5.87	0.759	13	
7:	39.57	1	20.98	0.11	7.2		5	1979.3	188	
	43.09		37.83	33.62	29.54	25.81	22.08	159.1	0.25000	
	18.80	15.77	13.14	10.84	8.85	7.21	5.74	0.878	13	
8:	33.52	7	20.43	0.16	28.9		5	3110.5	250	
	44.22		38.42	33.79	29.41	25.43	21.57	206.3	0.01563	
	18.20	15.03	12.30	9.97	7.92	6.24	4.67	2.474	13	

*

	760N	740N ON	735N 760N	730N 10949N	720N 417	710N 4	700N 14:23:24	680N	660N	640N
1:	55.41	-2	10.12	0.05	2.6		5	628.3	83	
	21.61		18.76	16.54	14.42	12.55	10.70	83.6	0.12500	
	9.07	7.56	6.27	5.13	4.17	3.35	2.68	0.498	13	
2:	41.08	-0	11.34	0.07	12.0		5	942.5	93	
	24.07		20.96	18.51	16.12	14.06	11.98	93.4	0.12500	
	10.15	8.48	7.01	5.74	4.67	3.78	3.03	0.619	13	
3:	57.34	3	13.09	0.02	12.4		5	754.0	104	
	27.89		24.28	21.34	18.64	16.26	13.82	107.4	0.12500	
	11.72	9.78	8.10	6.66	5.41	4.37	3.50	0.689	13	

D29_RAW.txt

4:	45.54	-1	13.42	0.08	3.4		5	1256.7	137
			28.68	24.95	21.96	19.10	16.69	14.17	110.3 0.12500
	12.02	10.03	8.31	6.82	5.56	4.51	3.64	0.937	13
5:	34.01	1	16.40	0.07	2.4		5	1885.0	154
			33.95	29.80	26.35	23.08	20.27	17.29	126.4 0.25000
	14.77	12.37	10.26	8.49	6.90	5.66	4.56	1.007	13
6:	52.25	-3	21.67	0.08	1.5		5	1508.0	189
			43.33	38.27	34.06	29.99	26.50	22.78	154.1 1.00000
	19.59	16.57	13.92	11.58	9.56	7.86	6.40	1.137	13
7:	33.12	1	21.97	0.04	6.4		5	2513.5	200
			44.79	39.44	34.97	30.64	27.07	23.06	159.3 0.50000
	19.83	16.66	13.86	11.50	9.33	7.57	6.12	0.559	13
8:	28.74	5	21.82	0.22	16.9		5	3770.3	260
			45.44	39.88	35.12	30.64	27.03	22.96	160.0 0.50000
	19.68	16.50	13.75	11.39	9.41	7.79	6.31	1.491	13

*

	770N	760N ON	755N 770N	750N 10969N	740N 309	730N 4	720N 14:26:58	700N	680N	660N
1:	95.16	-7	7.64	0.02	10.4		5	188.5	58	
			16.40	14.18	12.44	10.88	9.48	8.07	63.5 0.12500	
	6.84	5.73	4.74	3.86	3.13	2.51	2.01	0.644	13	
2:	55.88	5	8.82	0.04	9.4		5	377.0	68	
			18.74	16.29	14.32	12.49	10.96	9.30	69.7 0.25000	
	7.96	6.66	5.55	4.55	3.73	3.01	2.40	0.838	13	
3:	72.02	1	9.83	0.14	2.5		5	377.0	88	
			21.01	18.24	15.99	13.99	12.24	10.37	81.7 0.12500	
	8.84	7.39	6.14	5.02	4.11	3.30	2.65	0.998	13	
4:	44.42	-3	12.32	0.20	8.9		5	754.0	108	
			26.15	22.81	19.96	17.52	15.35	13.01	96.1 0.25000	
	11.08	9.34	7.76	6.31	5.14	4.15	3.33	0.888	13	
5:	30.14	1	14.59	0.15	8.5		5	1256.7	123	
			30.89	26.99	23.66	20.69	18.19	15.38	113.5 0.25000	
	13.18	11.03	9.18	7.50	6.17	4.97	4.02	0.795	13	
6:	44.62	-2	16.08	0.41	1.8		5	1099.6	159	
			33.75	29.54	25.87	22.72	20.03	16.89	124.3 0.25000	
	14.57	12.18	10.15	8.29	6.81	5.45	4.39	0.764	13	
7:	31.23	-2	22.84	0.55	4.0		5	1979.3	200	
			45.83	40.52	35.70	31.66	28.16	23.93	160.1 2.00000	
	20.83	17.69	14.90	12.30	10.22	8.29	6.75	1.302	13	
8:	20.45	3	23.01	0.78	6.8		5	3110.5	206	
			47.02	41.50	36.32	32.15	28.66	24.10	167.9 0.50000	
	21.02	17.69	14.84	12.15	10.05	8.07	6.53	1.156	13	

*

	780N	760N ON	755N 780N	750N 10969N	740N 523	730N 4	720N 14:29:33	700N	680N	660N
1:	75.58	-8	9.33	0.07	10.4		5	628.3	91	
			19.76	17.15	15.11	13.19	11.53	9.87	73.6 0.25000	
	8.37	7.01	5.83	4.81	3.92	3.21	2.60	1.051	13	
2:	54.50	6	10.20	0.01	9.5		5	942.5	98	
			21.54	18.67	16.55	14.47	12.56	10.77	80.3 0.25000	
	9.12	7.66	6.38	5.27	4.31	3.50	2.89	1.341	13	

D29_RAW.txt

3:	80.00	1	11.04	0.06	2.4		5	754.0	115
		23.45	20.40	17.99	15.70	13.66	11.68	86.9	0.25000
	9.88	8.27	6.88	5.68	4.65	3.81	3.15	1.594	13
4:	54.84	-3	13.56	0.11	5.6		5	1256.7	132
		28.52	24.93	22.03	19.24	16.76	14.34	105.8	0.25000
	12.13	10.16	8.45	6.98	5.70	4.68	3.88	1.590	13
5:	39.51	1	15.54	0.15	5.3		5	1885.0	142
		32.64	28.56	25.27	22.05	19.20	16.44	115.6	0.50000
	13.89	11.63	9.69	7.99	6.55	5.40	4.52	1.969	13
6:	61.54	-1	16.92	0.17	1.7		5	1508.0	177
		35.30	30.94	27.39	23.93	20.86	17.89	125.8	0.50000
	15.14	12.71	10.59	8.77	7.20	5.97	5.04	2.123	13
7:	44.88	-3	23.50	0.24	3.8		5	2513.5	216
		46.92	41.49	37.02	32.60	28.63	24.77	164.8	2.00000
	21.16	17.92	15.09	12.62	10.47	8.75	7.46	2.334	13
8:	30.14	2	23.29	0.31	5.5		5	3770.3	217
		47.35	41.75	37.18	32.60	28.53	24.60	165.8	1.00000
	20.90	17.61	14.76	12.29	10.16	8.53	7.34	2.819	13

*

	790N	780N ON	775N 790N	770N 10989N	760N 524	750N 4	740N 14:32:33	720N	700N	680N
1:	172.94	-13	6.59	0.01	11.9		5	188.5	62	
		14.67	12.58	11.00	9.54	8.23	6.98	59.4	0.06250	
	5.88	4.89	4.06	3.31	2.70	2.18	1.76	1.236	13	
2:	107.35	11	7.00	0.00	11.3		5	377.0	77	
		15.42	13.23	11.61	10.08	8.71	7.43	58.8	0.12500	
	6.28	5.24	4.35	3.56	2.92	2.34	1.87	1.059	13	
3:	146.01	-1	8.84	0.06	3.2		5	377.0	105	
		19.19	16.55	14.53	12.65	10.96	9.34	73.7	0.12500	
	7.92	6.61	5.50	4.50	3.68	2.97	2.38	0.941	13	
4:	79.79	-3	11.31	0.04	3.1		5	754.0	115	
		23.98	20.85	18.37	16.07	13.98	11.95	88.6	0.25000	
	10.17	8.51	7.09	5.82	4.75	3.84	3.09	0.766	13	
5:	56.12	2	12.38	0.01	3.0		5	1256.7	135	
		26.46	22.99	20.23	17.68	15.36	13.09	97.1	0.25000	
	11.09	9.30	7.73	6.37	5.26	4.27	3.42	1.107	13	
6:	71.52	-2	15.61	0.11	3.0		5	1099.6	150	
		33.20	28.95	25.51	22.29	19.38	16.52	120.9	0.25000	
	14.00	11.73	9.75	8.00	6.56	5.30	4.24	0.853	13	
7:	50.09	-1	18.39	0.82	4.8		5	1979.3	189	
		38.33	33.29	29.04	25.81	22.85	19.45	140.0	0.25000	
	16.37	13.73	11.23	9.56	7.72	6.16	5.05	1.218	13	
8:	37.89	0	24.54	0.50	4.8		5	3110.5	225	
		48.21	44.10	38.32	33.97	29.54	25.91	171.3	2.00000	
	22.10	19.02	15.98	13.46	10.88	9.17	7.45	1.546	13	

*

	800N	780N ON	775N 800N	770N 10989N	760N 739	750N 4	740N 14:35:32	720N	700N	680N
1:	109.33	-14	8.44	0.18	12.8		5	628.3	93	
		18.17	15.73	13.84	12.06	10.43	8.93	75.0	0.06250	
	7.54	6.33	5.30	4.36	3.53	2.83	2.02	3.036	13	

D29_RAW.txt

2:	82.04	12	8.82	0.37	12.2		5	942.5	105
	19.07		16.47	14.47	12.61	10.95	9.34	70.3	0.25000
	7.87	6.59	5.47	4.47	3.74	3.05	2.68	3.281	13
3:	128.76	-1	10.60	0.00	3.1		5	754.0	131
	22.72		19.70	17.31	15.13	13.10	11.21	83.3	0.25000
	9.52	7.97	6.66	5.44	4.44	3.62	2.87	1.086	13
4:	78.87	-3	12.79	0.00	2.7		5	1256.7	134
	26.97		23.48	20.72	18.13	15.75	13.50	99.8	0.25000
	11.49	9.62	8.06	6.62	5.41	4.41	3.50	0.859	13
5:	59.38	1	13.83	0.01	2.6		5	1885.0	151
	29.35		25.55	22.53	19.70	17.09	14.63	107.8	0.25000
	12.42	10.37	8.71	7.14	5.84	4.77	3.77	0.897	13
6:	80.26	-2	17.08	0.01	2.8		5	1508.0	164
	35.80		31.29	27.63	24.18	21.00	17.98	131.4	0.25000
	15.34	12.81	10.74	8.77	7.18	5.88	4.67	0.782	13
7:	58.63	-0	19.17	0.00	4.8		5	2513.5	199
	40.10		35.07	31.01	27.16	23.58	20.22	147.1	0.25000
	17.24	14.40	12.13	9.91	8.14	6.67	5.28	1.053	13
8:	45.56	1	25.48	0.01	4.5		5	3770.3	232
	51.06		45.04	40.11	35.38	30.94	26.75	178.9	1.00000
	23.04	19.42	16.45	13.56	11.22	9.31	7.43	1.134	13

*

	810N	800N ON	795N 810N	790N 11009N	780N 739	770N 4	760N 14:38:31	740N	720N	700N
1:	276.83		-5	7.37	0.00	10.7		5	188.5	71
	15.96		13.78	12.09	10.55	9.15	7.80	61.9	0.12500	
	6.60	5.52	4.58	3.77	3.08	2.50	2.02	1.287	13	
2:	162.95		3	7.96	0.01	12.2		5	377.0	83
	17.29		14.92	13.09	11.40	9.89	8.42	66.6	0.12500	
	7.12	5.95	4.94	4.06	3.30	2.67	2.15	0.926	13	
3:	201.62		15	8.80	0.03	6.4		5	377.0	103
	19.11		16.52	14.47	12.65	10.95	9.33	73.7	0.12500	
	7.87	6.57	5.44	4.47	3.67	2.99	2.44	1.534	13	
4:	118.21		-4	10.38	0.00	5.0		5	754.0	121
	22.39		19.43	17.06	14.87	12.90	10.99	82.2	0.25000	
	9.30	7.76	6.45	5.32	4.38	3.63	2.97	1.916	13	
5:	89.18		-1	12.24	0.16	4.3		5	1256.7	152
	26.20		22.77	19.98	17.51	15.20	12.95	101.0	0.12500	
	10.95	9.13	7.57	6.19	5.07	4.13	3.36	1.233	13	
6:	104.65		-2	14.51	0.12	4.5		5	1099.6	156
	30.82		26.87	23.60	20.78	18.01	15.36	113.2	0.25000	
	12.97	10.82	8.97	7.41	6.09	5.05	4.21	2.115	13	
7:	65.07		2	18.20	0.16	16.0		5	1979.3	174
	38.60		33.70	29.56	26.07	22.63	19.27	135.0	0.50000	
	16.28	13.56	11.26	9.33	7.76	6.44	5.41	2.601	13	
8:	49.28		0	19.86	0.41	13.8		5	3110.5	207
	41.83		36.61	32.18	28.52	24.64	21.03	151.9	0.25000	
	17.71	14.76	12.20	10.00	8.20	6.82	5.79	2.355	13	

*

	820N	800N ON	795N 820N	790N 11009N	780N 739	770N 4	760N 14:41:32	740N	720N	700N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D29_RAW.txt

1:	109.47	-6	9.59	0.06	10.5		5	628.3	93
	8.63	20.29	17.63	15.58	13.51	11.79	10.14	75.7	0.25000
		7.25	6.04	4.98	4.07	3.34	2.62	1.104	13
2:	83.11	5	9.85	0.01	10.8		5	942.5	106
	8.82	21.22	18.33	16.15	14.05	12.20	10.41	77.7	0.25000
		7.38	6.15	5.06	4.15	3.36	2.70	1.241	13
3:	123.46	14	10.62	0.01	4.6		5	754.0	126
	9.49	22.87	19.78	17.48	15.16	13.16	11.22	88.0	0.12500
		7.91	6.57	5.40	4.41	3.57	2.88	1.027	13
4:	81.60	-4	12.09	0.00	4.4		5	1256.7	139
	10.81	25.94	22.46	19.86	17.28	15.00	12.78	100.0	0.12500
		9.02	7.50	6.18	5.06	4.10	3.30	1.216	13
5:	66.21	0	13.73	0.00	3.7		5	1885.0	169
	12.26	29.25	25.41	22.48	19.57	17.02	14.51	106.8	0.25000
		10.26	8.54	7.03	5.78	4.67	3.77	1.035	13
6:	82.46	-2	15.85	0.03	3.9		5	1508.0	168
	14.17	33.45	29.14	25.86	22.54	19.63	16.75	122.8	0.25000
		11.88	9.90	8.17	6.73	5.45	4.41	1.010	13
7:	53.86	1	19.29	0.05	9.6		5	2513.5	183
	17.21	40.61	35.36	31.48	27.38	23.87	20.34	147.9	0.25000
		14.42	12.01	9.92	8.19	6.64	5.40	1.180	13
8:	41.89	1	20.89	0.04	7.8		5	3770.3	214
	18.63	43.81	38.13	34.11	29.62	25.83	22.02	159.4	0.25000
		15.61	13.00	10.76	8.90	7.20	5.85	1.217	13

*

	830N	820N ON	815N 830N	810N 11029N	800N 739	790N 4	780N 14:45:40	760N	740N	720N
1:	299.94	-1	8.38	0.00	1.4		5	188.5	77	
	7.48	18.31	15.79	13.83	12.03	10.42	8.87	69.7	0.12500	
		6.24	5.16	4.23	3.44	2.77	2.21	0.949	13	
2:	158.55	-1	9.26	0.02	8.9		5	377.0	81	
	8.28	19.60	17.02	14.99	13.11	11.42	9.78	72.7	0.25000	
		6.93	5.76	4.74	3.88	3.13	2.52	0.797	13	
3:	196.37	4	10.61	0.03	9.7		5	377.0	100	
	9.49	22.64	19.66	17.30	15.10	13.14	11.22	83.3	0.25000	
		7.96	6.60	5.43	4.46	3.62	2.92	1.047	13	
4:	115.59	-2	11.32	0.04	4.3		5	754.0	118	
	10.11	24.13	20.99	18.46	16.12	14.03	11.97	93.6	0.12500	
		8.46	7.01	5.76	4.73	3.83	3.05	1.068	13	
5:	85.80	11	12.18	0.05	4.7		5	1256.7	146	
	10.86	25.96	22.59	19.87	17.35	15.10	12.90	94.8	0.25000	
		9.06	7.48	6.15	5.08	4.14	3.33	1.282	13	
6:	112.40	-4	14.29	0.04	4.0		5	1099.6	167	
	12.76	30.16	26.35	23.21	20.29	17.70	15.13	110.6	0.25000	
		10.68	8.82	7.26	5.99	4.87	3.91	0.902	13	
7:	66.83	-1	17.19	0.06	7.4		5	1979.3	179	
	15.35	35.84	31.43	27.72	24.30	21.26	18.19	132.1	0.25000	
		12.86	10.64	8.77	7.26	5.93	4.77	1.066	13	
8:	45.42	2	20.57	0.02	7.8		5	3110.5	191	
	18.35	42.67	37.54	33.14	29.08	25.43	21.78	156.5	0.25000	
		15.40	12.70	10.48	8.71	7.10	5.72	1.104	13	

D29_RAW.txt

*	840N	820N ON	815N 840N	810N 11029N	800N 739	790N 4	780N 14:48:25	760N	740N	720N
1:	114.71		-2	10.81	0.01	1.4		5	628.3	98
	9.66	23.23	8.07	20.16	17.73	15.46	13.41	11.44	89.5	0.12500
				6.69	5.49	4.49	3.62	2.89	0.699	13
2:	77.88		-1	10.96	0.01	8.9		5	942.5	99
	9.80	23.37	8.21	20.32	17.89	15.65	13.59	11.60	85.8	0.25000
				6.83	5.61	4.57	3.70	2.97	0.993	13
3:	119.67		5	11.89	0.01	9.7		5	754.0	122
	10.63	25.58	8.87	22.17	19.52	17.01	14.74	12.59	98.2	0.12500
				7.36	6.05	4.92	3.98	3.20	0.784	13
4:	80.87		-2	12.27	0.00	3.6		5	1256.7	138
	10.95	26.21	9.16	22.85	20.07	17.56	15.22	12.98	101.3	0.12500
				7.62	6.25	5.12	4.15	3.33	1.054	13
5:	64.49		10	12.97	0.00	4.1		5	1885.0	165
	11.57	27.79	9.71	24.18	21.23	18.51	16.10	13.74	106.7	0.12500
				8.03	6.61	5.36	4.35	3.47	0.705	13
6:	89.36		-3	15.02	0.05	3.9		5	1508.0	182
	13.42	31.92	11.23	27.79	24.50	21.44	18.59	15.90	116.1	0.25000
				9.34	7.67	6.26	5.08	4.06	0.946	13
7:	55.60		-2	17.72	0.02	7.0		5	2513.5	189
	15.85	37.17	13.28	32.54	28.71	25.23	21.88	18.76	136.3	0.25000
				11.09	9.13	7.47	6.10	4.89	0.783	13
8:	38.82		1	20.87	0.08	7.1		5	3770.3	198
	18.67	43.71	15.59	38.16	33.79	29.62	25.72	22.08	158.5	0.25000
				12.99	10.70	8.75	7.10	5.67	0.568	13

*	850N	840N ON	835N 850N	830N 11049N	820N 739	810N 4	800N 14:51:36	780N	760N	740N
1:	224.78		-3	8.83	0.01	6.6		5	188.5	57
	7.91	18.69	6.63	16.22	14.30	12.50	10.90	9.32	69.4	0.25000
				5.51	4.54	3.71	2.99	2.40	0.763	13
2:	153.53		0	9.75	0.03	15.0		5	377.0	78
	8.72	20.97	7.29	18.18	15.98	13.93	12.09	10.32	80.6	0.12500
				6.03	4.94	4.01	3.22	2.56	0.556	13
3:	181.47		4	11.29	0.00	12.0		5	377.0	93
	10.11	24.22	8.44	21.03	18.48	16.12	14.01	11.95	93.5	0.12500
				7.00	5.75	4.71	3.80	3.07	1.047	13
4:	115.67		-0	12.52	0.00	2.3		5	754.0	118
	11.19	26.87	9.32	23.36	20.53	17.90	15.52	13.24	102.9	0.12500
				7.73	6.34	5.17	4.16	3.32	0.528	13
5:	83.71		2	12.94	0.01	9.5		5	1256.7	142
	11.59	27.71	9.67	24.11	21.18	18.45	16.04	13.68	101.2	0.25000
				8.04	6.62	5.47	4.43	3.62	1.360	13
6:	112.19		9	13.40	0.06	10.4		5	1099.6	167
	11.99	28.71	10.00	25.01	21.95	19.16	16.63	14.19	110.1	0.12500
				8.31	6.80	5.55	4.47	3.61	0.719	13
7:	72.99		-6	15.87	0.01	10.9		5	1979.3	195
	14.22	33.77	11.82	29.42	25.94	22.67	19.68	16.80	129.3	0.12500
				9.81	8.07	6.56	5.28	4.25	0.624	13

D29_RAW.txt

8:	47.17	4	18.63	0.04	13.1		5	3110.5	199	
	16.73	39.11	34.28	30.20	26.39	23.00	19.66	143.4	0.25000	
		13.95	11.58	9.55	7.99	6.46	5.30	1.617	13	
*	860N	840N ON	835N 860N	830N 11049N	820N 739	810N 4	800N	780N 14:54:08	760N	740N
1:	96.91	-4	10.98	0.01	5.1		5	628.3	82	
	9.83	23.21	20.23	17.83	15.60	13.57	11.60	85.9	0.25000	
		8.25	6.86	5.65	4.61	3.72	2.99	0.702	13	
2:	81.75	-1	11.75	0.01	12.6		5	942.5	104	
	10.51	25.19	21.91	19.28	16.80	14.58	12.43	97.0	0.12500	
		8.79	7.28	5.98	4.87	3.94	3.14	0.660	13	
3:	114.65	5	12.93	0.03	10.3		5	754.0	117	
	11.55	27.68	24.08	21.17	18.47	16.02	13.67	106.5	0.12500	
		9.66	8.02	6.58	5.37	4.35	3.48	0.858	13	
4:	83.07	-1	13.61	0.03	1.7		5	1256.7	141	
	12.16	29.19	25.42	22.34	19.48	16.89	14.40	111.8	0.12500	
		10.18	8.43	6.92	5.64	4.56	3.64	0.650	13	
5:	64.87	3	13.72	0.05	5.7		5	1885.0	165	
	12.26	29.39	25.59	22.48	19.60	17.01	14.51	112.9	0.12500	
		10.27	8.53	7.00	5.73	4.65	3.70	0.996	13	
6:	91.06	9	14.19	0.05	7.1		5	1508.0	186	
	12.67	30.33	26.43	23.24	20.28	17.58	15.00	116.6	0.12500	
		10.62	8.80	7.22	5.90	4.81	3.84	0.997	13	
7:	61.77	-7	16.66	0.08	8.9		5	2513.5	210	
	14.90	35.32	30.85	27.17	23.76	20.61	17.61	128.2	0.25000	
		12.50	10.38	8.51	6.96	5.66	4.48	0.906	13	
8:	40.85	4	19.20	0.14	10.0		5	3770.3	208	
	17.16	40.32	35.33	31.17	27.27	23.70	20.28	146.7	0.25000	
		14.43	11.96	9.82	8.05	6.57	5.21	0.665	13	