

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

Job #: 13 Date: 08/10/07
 Operator: D13 Serial #: 13
 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 Time	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 11519N	10S 1132	20S 4	30S 11:23:32	50S	70S	90S
1:	255.16 3.87	2 8.00 3.32	4.26 7.01 2.79	0.00 6.34 2.33	0.9 5.70 1.92	5.09 1.54	5 4.46 1.17	188.5 31.2 2.658	42 2.00000 13
2:	189.81 3.66	-6 8.06 3.12	4.06 6.97 2.63	0.00 6.24 2.18	1.5 5.55 1.79	4.90 1.42	5 4.27 1.08	377.0 30.1 2.384	63 1.00000 13
* 30N	20N ON	15N 30N	10N 11529N	0N 1295	10S 4	20S 11:27:03	40S	60S	80S
1:	276.13 3.58	1 7.70 3.05	3.96 6.69 2.58	0.01 6.00 2.15	0.7 5.35 1.78	4.76 1.46	5 4.16 1.18	188.5 29.5 1.225	40 4.00000 13
2:	162.84 3.84	-3 8.29 3.27	4.24 7.19 2.76	0.01 6.44 2.32	2.6 5.74 1.91	5.10 1.56	5 4.45 1.27	377.0 31.6 1.310	47 4.00000 13
3:	205.82 4.46	-0 9.68 3.80	4.92 8.40 3.21	0.00 7.53 2.68	4.8 6.69 2.22	5.92 1.82	5 5.16 1.47	377.0 36.5 1.346	60 2.00000 13
* 40N	20N ON	15N 40N	10N 11529N	0N 1000	10S 4	20S 11:30:09	40S	60S	80S
1:	103.84 4.46	1 9.48 3.78	4.89 8.26 3.22	0.00 7.42 2.68	0.7 6.62 2.20	5.87 1.82	5 5.13 1.48	628.3 36.5 1.060	65 4.00000 13
2:	67.84 4.67	-2 10.01 3.99	5.14 8.73 3.39	0.00 7.83 2.83	2.6 6.97 2.35	6.19 1.92	5 5.40 1.55	942.5 38.4 1.152	64 4.00000 13
3:	92.17 5.27	-0 11.43 4.49	5.81 9.96 3.80	0.00 8.90 3.18	4.7 7.91 2.64	7.00 2.16	5 6.10 1.75	754.0 43.3 1.361	69 4.00000 13
* 50N	40N ON	35N 50N	30N 11549N	20N 1199	10N 4	0N 11:33:15	20S	40S	60S
1:	251.97 -10.95	11 -72.47 -9.70	-12.18 -37.26 -8.14	1.47 -26.37 -5.53	2.2 -20.00 -5.58	-17.62 -5.16	5 -13.20 -3.93	188.5 331.9 28.626	40 0.00024 9

D13_RAW.txt

2:	164.47	-12	27.70	2.65	2.3		5	377.0	52
		130.85	73.07	54.49	43.11	37.71	29.68	676.5	0.00024
	25.01	21.80	18.39	13.39	12.57	11.19	8.52	19.528	10
3:	230.08	-4	4.64	0.00	3.0		5	377.0	72
		9.91	8.06	7.15	6.34	5.58	4.87	34.8	2.00000
	4.21	3.59	3.05	2.55	2.09	1.71	1.40	2.989	13
4:	110.86	5	6.03	0.01	2.9		5	754.0	70
		12.54	10.43	9.27	8.22	7.28	6.34	45.1	2.00000
	5.47	4.67	3.96	3.32	2.76	2.26	1.83	2.486	13
5:	63.95	3	6.89	0.00	0.8		5	1256.7	67
		14.65	12.26	10.85	9.55	8.39	7.26	52.8	0.50000
	6.23	5.28	4.44	3.68	3.02	2.44	1.94	2.045	13

*

	60N	40N ON	35N 60N	30N 11549N	20N 1385	10N 4	ON 11:37:01	20S	40S	60S
1:	128.62	-4	0.63	6.35	2.2		5	628.3	58	
		-152.99	-56.70	-15.33	-4.21	-1.43	0.63			
	3.61	7.14	4.33	-3.09	0.62	8.85	-0.97		99	
2:	89.36	4	9.61	7.20	2.3		5	942.5	61	
		243.53	101.07	39.41	21.44	15.82	11.20			
	5.15	-1.47	1.36	10.68	4.45	-8.39	4.82		99	
3:	142.30	-3	5.74	0.03	3.0		5	754.0	77	
		11.89	9.89	8.77	7.80	6.90	6.04	42.9	2.00000	
	5.19	4.44	3.77	3.15	2.63	2.16	1.74	2.608	13	
4:	74.60	4	7.08	0.06	2.9		5	1256.7	68	
		14.37	12.15	10.85	9.65	8.53	7.43	52.8	4.00000	
	6.42	5.48	4.63	3.89	3.21	2.64	2.19	2.182	13	
5:	45.10	3	8.02	0.05	0.8		5	1885.0	61	
		16.64	14.07	12.48	11.02	9.72	8.43	59.2	2.00000	
	7.25	6.17	5.20	4.32	3.58	2.93	2.40	2.159	13	

*

	70N	60N ON	55N 70N	50N 11569N	40N 1379	30N 4	20N 11:40:09	ON	20S	40S
1:	382.03	-9	4.11	0.01	2.5		5	188.5	52	
		7.99	7.01	6.28	5.59	5.05	4.32	30.9	4.00000	
	3.73	3.15	2.78	2.23	1.87	1.51	1.25	1.466	13	
2:	219.27	5	4.44	0.00	2.7		5	377.0	60	
		8.51	7.44	6.69	5.98	5.31	4.66	33.1	4.00000	
	4.04	3.44	2.90	2.45	2.01	1.65	1.34	1.020	13	
3:	250.30	-1	4.66	0.01	3.0		5	377.0	68	
		9.06	7.90	7.08	6.30	5.61	4.89	34.8	4.00000	
	4.22	3.60	3.05	2.55	2.11	1.72	1.41	1.121	13	
4:	109.73	0	5.60	0.04	2.4		5	754.0	60	
		11.05	9.64	8.62	7.65	6.79	5.89	42.1	4.00000	
	5.10	4.35	3.69	3.09	2.57	2.11	1.73	1.361	13	
5:	77.33	3	6.68	0.00	0.7		5	1256.7	70	
		13.06	11.42	10.22	9.10	8.06	7.02	49.6	4.00000	
	6.04	5.16	4.38	3.66	3.03	2.48	2.04	1.205	13	
6:	70.34	-4	8.50	0.18	0.8		5	1099.6	56	
		16.78	14.72	13.15	11.67	10.29	8.94	62.6	2.00000	
	7.70	6.56	5.54	4.63	3.83	3.17	2.59	1.308	13	

D13_RAW.txt

*

	80N	60N 0N	55N 80N	50N 11569N	40N 1000	30N 4	20N 11:43:17	0N	20S	40S
1:	104.80		-8	4.71	0.19	2.5		5	628.3	66
	4.19		8.44	7.33	6.76	5.90	5.27	4.92	33.2	4.00000
			3.84	2.90	2.34	1.88	1.71	1.26	4.833	13
2:	68.64		5	4.71	0.02	2.7		5	942.5	65
	4.28		9.34	8.11	7.24	6.45	5.71	4.95	35.4	4.00000
			3.60	3.10	2.61	2.14	1.76	1.45	1.575	13
3:	87.03		-1	5.03	0.01	2.8		5	754.0	66
	4.56		9.98	8.66	7.73	6.87	6.06	5.29	37.7	4.00000
			3.89	3.29	2.76	2.29	1.89	1.53	1.554	13
4:	41.65		0	6.07	0.01	2.4		5	1256.7	52
	5.49		12.18	10.57	9.41	8.33	7.35	6.39	45.0	2.00000
			4.68	3.94	3.29	2.73	2.24	1.82	1.363	13
5:	30.99		3	7.29	0.01	0.7		5	1885.0	58
	6.60		14.42	12.57	11.23	9.94	8.77	7.66	54.1	4.00000
			5.65	4.76	3.97	3.30	2.73	2.23	1.547	13
6:	30.00		-4	9.08	0.01	0.8		5	1508.0	45
	8.21		18.20	15.90	14.14	12.53	11.03	9.56	66.6	2.00000
			6.98	5.88	4.91	4.06	3.33	2.71	1.244	13

*

	90N	80N 0N	75N 90N	70N 11589N	60N 1200	50N 4	40N 11:47:53	20N	0N	20S
1:	374.90		-3	4.89	0.03	2.7		5	188.5	59
	4.45		9.31	8.24	7.45	6.73	6.07	5.18	36.7	4.00000
			3.87	3.26	2.72	2.21	1.82	1.47	1.143	13
2:	202.92		1	5.02	0.00	2.9		5	377.0	64
	4.56		9.49	8.33	7.53	6.73	5.98	5.26	37.1	4.00000
			3.88	3.29	2.75	2.27	1.85	1.49	0.967	13
3:	224.98		2	4.86	0.00	3.2		5	377.0	71
	4.41		9.49	8.27	7.43	6.61	5.88	5.11	36.4	4.00000
			3.77	3.19	2.67	2.20	1.81	1.48	1.108	13
4:	97.81		-2	5.00	0.00	2.8		5	754.0	61
	4.53		9.96	8.64	7.71	6.83	6.05	5.25	37.5	4.00000
			3.86	3.26	2.74	2.27	1.87	1.53	1.683	13
5:	54.29		4	5.56	0.01	0.6		5	1256.7	57
	5.03		11.25	9.73	8.65	7.66	6.75	5.85	41.6	2.00000
			4.29	3.62	3.04	2.52	2.08	1.70	1.751	13
6:	49.09		-7	7.30	0.02	0.4		5	1099.6	45
	6.61		14.88	12.93	11.50	10.16	9.00	7.71	54.5	2.00000
			5.67	4.76	4.00	3.31	2.72	2.23	1.620	13
7:	22.05		7	10.07	0.02	0.9		5	1979.3	36
	9.07		20.98	18.24	16.15	14.12	12.33	10.61	74.7	1.00000
			7.65	6.43	5.36	4.44	3.63	2.95	1.751	13

*

	100N	80N 0N	75N 100N	70N 11589N	60N 1200	50N 4	40N 11:50:21	20N	0N	20S
1:	144.82		1	-4.43	10.40	2.7		6	628.3	76
	-3.29		-155.00	-63.59	-28.43	-13.05	-2.83	-1.11		
			0.02	1.84	2.63	0.73	0.20	1.27		99

D13_RAW.txt

2:	110.21	-3	17.68	11.69	2.9		6	942.5	87
	17.00	231.00	106.79	58.22	35.96	20.54	16.02		
		10.77	6.81	4.06	5.38	4.95	2.54		99
3:	118.54	2	5.89	0.05	3.1		6	754.0	74
	5.34	12.25	10.18	9.06	8.04	7.12	6.19	43.9	2.00000
		4.55	3.85	3.21	2.67	2.19	1.80	2.438	13
4:	56.06	-2	6.04	0.05	2.8		6	1256.7	59
	5.47	12.75	10.59	9.39	8.30	7.33	6.35	45.2	2.00000
		4.67	3.95	3.30	2.74	2.26	1.84	2.653	13
5:	32.87	4	6.64	0.05	0.6		6	1885.0	52
	6.00	14.26	11.83	10.44	9.20	8.09	6.99	50.2	1.00000
		5.10	4.31	3.60	2.99	2.46	2.00	2.799	13
6:	31.45	-7	8.57	0.09	0.4		6	1508.0	40
	7.69	18.24	15.34	13.55	11.92	10.46	9.02	64.0	1.00000
		6.53	5.52	4.55	3.80	3.12	2.56	2.413	13
7:	15.14	7	11.34	0.13	0.9		6	2513.4	32
	10.15	24.76	20.84	18.32	16.00	13.96	11.97	89.6	0.25000
		8.56	7.17	5.92	4.89	3.96	3.20	2.032	13

*

	100N	80N ON	75N 100N	70N 11589N	60N 1200	50N 4	40N 11:53:05	20N	0N	20S
1:	158.23	-2	6.27	0.14	3.0		5	628.3	83	
	5.79	11.34	10.14	9.25	8.35	7.63	6.57	45.8	4.00000	
		5.01	4.30	3.31	2.77	2.26	1.81	2.947	13	
2:	97.11	0	5.59	0.63	3.1		5	942.5	76	
	5.10	10.98	9.61	8.60	7.68	7.11	5.89	42.2	4.00000	
		4.24	3.56	3.29	2.72	2.22	1.81	3.103	10	
3:	118.55	2	5.85	0.01	3.1		5	754.0	74	
	5.31	11.36	9.95	8.93	7.95	7.07	6.15	43.6	4.00000	
		4.54	3.85	3.22	2.66	2.19	1.78	0.973	13	
4:	56.06	-2	6.02	0.01	2.8		5	1256.7	59	
	5.45	11.96	10.40	9.29	8.23	7.28	6.32	45.1	4.00000	
		4.65	3.93	3.30	2.75	2.27	1.85	1.610	13	
5:	32.88	4	6.60	0.04	0.6		5	1885.0	52	
	5.97	13.32	11.58	10.28	9.09	8.01	6.94	49.0	2.00000	
		5.07	4.28	3.57	2.98	2.45	2.00	1.579	13	
6:	31.45	-7	8.56	0.02	0.4		5	1508.0	40	
	7.71	17.20	15.06	13.38	11.76	10.39	9.00	62.8	2.00000	
		6.57	5.54	4.59	3.80	3.13	2.55	1.401	13	
7:	15.14	7	11.27	0.06	0.9		5	2513.4	32	
	10.13	23.44	20.40	18.05	15.85	13.83	11.89	85.0	0.50000	
		8.55	7.15	5.88	4.89	4.00	3.19	1.158	13	

*

	110N	100N ON	95N 110N	90N 11609N	80N 1000	70N 4	60N 11:56:28	40N	20N	0N
1:	234.74	0	-12.92	0.00	2.5		5	188.5	44	
	-10.79	-250.76	-97.32	-42.94	-25.35	-18.28	-14.21	-342.5	0.00012	
		-8.60	-6.70	-4.01	-4.13	-2.29	-1.97	97.687	13	
2:	182.08	-6	26.11	0.00	3.9		5	377.0	69	
	22.62	344.94	142.04	69.95	45.78	35.09	28.26	689.1	0.00024	
		18.60	15.04	10.42	9.67	6.49	5.27	65.713	13	

D13_RAW.txt

3:	204.80	0	5.37	0.00	2.9		5	377.0	77
		11.86	9.29	8.23	7.32	6.47	5.63	40.4	1.00000
	4.86	4.13	3.49	2.90	2.39	1.95	1.58	3.639	13
4:	105.81	-2	6.90	0.00	3.1		5	754.0	80
		14.55	11.75	10.47	9.36	8.29	7.23	51.3	2.00000
	6.27	5.35	4.54	3.80	3.14	2.57	2.09	3.015	13
5:	53.77	8	6.78	0.01	1.3		5	1256.7	68
		14.94	11.96	10.55	9.31	8.21	7.13	51.2	1.00000
	6.14	5.23	4.41	3.68	3.06	2.51	2.04	3.500	13
6:	43.34	-7	7.17	0.05	0.7		5	1099.6	48
		16.25	12.95	11.34	10.02	8.77	7.55	54.5	1.00000
	6.50	5.49	4.67	3.91	3.23	2.64	2.16	3.836	13
7:	16.63	-1	9.70	0.05	0.6		5	1979.3	33
		21.96	17.69	15.45	13.63	11.90	10.22	74.6	0.50000
	8.77	7.39	6.26	5.17	4.28	3.49	2.83	3.280	13
8:	8.62	6	12.40	0.08	1.3		5	3110.4	27
		28.38	23.03	19.95	17.44	15.23	13.11	97.9	0.25000
	11.13	9.37	7.81	6.44	5.29	4.40	3.47	3.068	13

*

	120N	100N ON	95N 120N	90N 11609N	80N 1000	70N 4	60N 11:59:12	40N	20N	0N
1:	112.25	-4	4.82	0.07	2.4		5	628.3	71	
		9.06	8.19	7.19	6.12	6.01	5.07	36.0	8.00000	
	4.09	3.36	2.85	2.46	2.52	1.72	1.57	7.004	13	
2:	64.65	-1	4.72	0.01	2.6		5	942.5	61	
		9.32	8.03	7.23	6.52	5.62	4.96	35.5	4.00000	
	4.36	3.75	3.17	2.63	2.07	1.77	1.41	2.127	13	
3:	104.44	0	6.05	0.01	2.9		5	754.0	79	
		11.74	10.31	9.23	8.20	7.31	6.36	44.8	4.00000	
	5.46	4.64	3.93	3.28	2.75	2.23	1.82	1.131	13	
4:	58.57	-3	7.62	0.00	3.1		5	1256.7	74	
		14.53	12.85	11.52	10.26	9.17	8.00	56.1	4.00000	
	6.88	5.87	4.97	4.16	3.50	2.84	2.33	0.884	13	
5:	31.39	8	7.54	0.00	1.3		5	1885.0	59	
		14.97	13.06	11.66	10.35	9.13	7.93	56.1	4.00000	
	6.84	5.83	4.94	4.13	3.42	2.83	2.32	1.569	13	
6:	26.79	-7	8.09	0.01	0.7		5	1508.0	40	
		16.37	14.28	12.64	11.07	9.87	8.52	59.6	2.00000	
	7.25	6.13	5.19	4.32	3.70	2.95	2.45	1.972	13	
7:	11.07	-1	10.75	0.05	0.6		5	2513.4	28	
		22.16	19.28	16.97	14.90	13.22	11.32	79.0	1.00000	
	9.63	8.12	6.83	5.64	4.79	3.79	3.13	1.701	13	
8:	6.16	6	13.33	0.01	1.2		5	3770.2	23	
		27.88	24.01	21.21	18.93	16.16	14.08	103.8	0.25000	
	12.09	10.33	8.66	7.05	5.46	4.60	3.60	2.038	13	

*

	130N	120N ON	115N 130N	110N 11629N	100N 1000	90N 4	80N 12:02:14	60N	40N	20N
1:	286.97	-3	4.67	0.03	1.0		5	188.5	54	
		8.97	7.94	7.14	6.25	5.54	4.87	34.1	1.00000	
	4.24	3.54	2.89	2.51	1.98	1.67	1.23	2.536	13	

D13_RAW.txt

2:	157.71	-2	5.30	0.01	2.7		5	377.0	59
		9.98	8.78	7.93	7.13	6.37	5.57	39.0	4.00000
	4.81	4.11	3.49	2.89	2.38	1.93	1.53	1.426	13
3:	195.88	3	5.53	0.01	4.5		5	377.0	74
		10.58	9.31	8.38	7.48	6.65	5.82	40.9	4.00000
	5.02	4.28	3.61	3.02	2.50	2.03	1.61	1.198	13
4:	87.60	-4	5.67	0.02	2.6		5	754.0	66
		11.01	9.66	8.66	7.72	6.83	5.95	42.3	4.00000
	5.16	4.40	3.72	3.14	2.61	2.12	1.72	1.064	13
5:	56.17	7	7.05	0.01	0.8		5	1256.7	71
		13.73	12.06	10.80	9.60	8.50	7.40	51.8	2.00000
	6.39	5.44	4.58	3.84	3.17	2.59	2.07	0.990	13
6:	51.85	-4	8.62	0.00	0.8		5	1099.6	57
		16.82	14.81	13.27	11.76	10.40	9.05	63.1	2.00000
	7.82	6.64	5.58	4.70	3.88	3.18	2.54	1.021	13
7:	16.77	-1	9.11	0.02	0.7		5	1979.3	33
		18.77	16.34	14.52	12.68	11.09	9.59	67.6	1.00000
	8.25	6.94	5.79	4.90	4.02	3.26	2.64	1.440	13
8:	7.48	2	11.79	0.01	0.7		5	3110.4	23
		24.69	21.30	18.80	16.60	14.51	12.48	89.1	0.50000
	10.58	8.93	7.57	6.23	5.11	4.12	3.43	1.510	13

*

	140N	120N ON	115N 140N	110N 11629N	100N 1100	90N 4	80N 12:05:51	60N	40N	20N
1:	121.99	-2	5.44	0.07	1.0		5	628.3	70	
		10.43	8.98	7.97	7.58	6.75	5.62	39.4	1.00000	
	5.01	3.90	3.20	2.86	2.49	1.92	1.42	4.380	13	
2:	76.07	-3	6.12	0.07	2.6		5	942.5	65	
		11.45	10.15	9.18	8.15	7.26	6.41	46.1	8.00000	
	5.52	4.76	4.08	3.37	2.76	2.28	1.88	1.100	13	
3:	103.78	3	6.35	0.00	4.5		5	754.0	71	
		12.16	10.69	9.62	8.59	7.63	6.67	47.1	4.00000	
	5.77	4.93	4.17	3.49	2.89	2.37	1.92	0.827	13	
4:	50.25	-4	6.52	0.02	2.6		5	1256.7	57	
		12.69	11.09	9.93	8.88	7.85	6.84	48.4	4.00000	
	5.91	5.03	4.25	3.58	2.98	2.44	1.96	1.159	13	
5:	34.28	7	7.97	0.01	0.8		5	1885.0	59	
		15.61	13.69	12.24	10.90	9.65	8.38	58.5	2.00000	
	7.23	6.12	5.17	4.33	3.59	2.94	2.39	1.079	13	
6:	33.59	-4	9.61	0.05	0.8		5	1508.0	46	
		18.86	16.50	14.76	13.16	11.60	10.09	69.9	2.00000	
	8.69	7.35	6.17	5.20	4.32	3.52	2.81	1.014	13	
7:	11.82	-1	10.13	0.09	0.7		5	2513.4	27	
		20.89	18.00	16.04	14.13	12.40	10.66	76.2	0.50000	
	9.17	7.59	6.30	5.32	4.43	3.55	2.83	1.345	13	
8:	5.71	2	12.98	0.12	0.7		5	3770.2	20	
		27.24	23.44	20.71	17.96	15.67	13.59	100.2	0.25000	
	11.60	9.67	8.14	6.69	5.36	4.34	3.63	1.595	13	

*

	150N	140N ON	135N 150N	130N 11649N	120N 1000	110N 4	100N 12:08:41	80N	60N	40N
--	------	------------	--------------	----------------	--------------	-----------	------------------	-----	-----	-----

D13_RAW.txt

1:	310.14	1	4.52	0.03	0.6		5	188.5	58	
			8.57	7.52	6.79	6.13	5.38	4.73	33.5	4.00000
	4.13		3.54	2.94	2.47	2.03	1.63	1.34	1.186	13
2:	180.48	-5	4.80	0.00	2.4		5	377.0	68	
			9.24	8.09	7.26	6.48	5.77	5.04	35.1	2.00000
	4.32		3.67	3.11	2.56	2.12	1.72	1.37	1.076	13
3:	194.18	2	5.13	0.01	4.5		5	377.0	73	
			9.92	8.68	7.79	6.97	6.18	5.39	38.1	4.00000
	4.66		3.97	3.35	2.80	2.31	1.89	1.53	1.042	13
4:	91.36	-1	6.22	0.01	3.0		5	754.0	69	
			11.88	10.45	9.40	8.40	7.46	6.53	46.3	4.00000
	5.66		4.84	4.10	3.44	2.85	2.35	1.92	1.176	13
5:	52.06	6	6.96	0.01	1.0		5	1256.7	65	
			13.47	11.83	10.61	9.45	8.37	7.31	51.6	4.00000
	6.31		5.38	4.56	3.82	3.17	2.60	2.12	0.964	13
6:	45.39	-5	7.76	0.03	0.8		5	1099.6	50	
			15.36	13.43	11.98	10.65	9.41	8.16	57.2	2.00000
	7.04		5.98	5.05	4.23	3.48	2.88	2.33	1.150	13
7:	19.48	2	10.33	0.06	0.9		5	1979.3	39	
			20.57	18.03	16.04	14.18	12.52	10.86	75.2	2.00000
	9.33		7.91	6.69	5.56	4.58	3.77	3.05	1.115	13
8:	7.44	3	10.85	0.00	0.8		5	3110.4	23	
			22.95	19.69	17.34	14.94	13.43	11.56	93.5	0.06250
	9.31		7.67	6.63	5.22	4.41	3.56	2.66	2.337	13

*

	160N	140N ON	135N 160N	130N 11649N	120N 1000	110N 4	100N 12:11:02	80N	60N	40N	
1:	118.19		1	5.17	0.02	0.7		5	628.3	74	
				9.76	8.61	7.70	6.78	6.08	5.37	37.9	4.00000
	4.63			4.06	3.32	2.82	2.30	1.91	1.53	1.444	13
2:	79.30		-5	5.36	0.01	2.4		5	942.5	75	
				10.40	9.10	8.18	7.31	6.46	5.62	39.9	4.00000
	4.86			4.13	3.50	2.91	2.42	1.96	1.62	1.092	13
3:	94.48		2	5.79	0.01	4.5		5	754.0	71	
				11.27	9.85	8.83	7.85	6.97	6.08	43.2	4.00000
	5.25			4.49	3.80	3.18	2.64	2.17	1.76	1.112	13
4:	48.62		-1	6.97	0.01	3.0		5	1256.7	61	
				13.42	11.80	10.59	9.42	8.38	7.31	51.6	4.00000
	6.32			5.41	4.57	3.84	3.17	2.61	2.12	0.925	13
5:	29.34		6	7.76	0.01	1.0		5	1885.0	55	
				15.17	13.30	11.90	10.57	9.35	8.15	57.4	4.00000
	7.03			5.99	5.08	4.24	3.52	2.90	2.37	1.195	13
6:	27.21		-5	8.72	0.00	0.7		5	1508.0	41	
				17.37	15.19	13.52	11.93	10.54	9.16	64.2	2.00000
	7.88			6.73	5.67	4.74	3.95	3.25	2.66	1.556	13
7:	12.67		2	11.29	0.02	0.9		5	2513.4	32	
				22.76	19.90	17.65	15.55	13.72	11.89	82.3	2.00000
	10.19			8.66	7.34	6.07	5.01	4.14	3.40	1.503	13
8:	5.25		3	11.38	0.01	0.8		5	3770.2	20	
				24.52	21.05	18.49	16.58	14.24	12.14	90.1	0.25000
	10.40			8.16	6.98	5.88	5.00	3.97	3.31	2.929	13

D13_RAW.txt

*	170N	160N ON	155N 170N	150N 11669N	140N 1161	130N 4	120N 12:14:19	100N	80N	60N
1:	327.43		-2	3.93	0.09	0.8		5	188.5	53
		3.49	7.42	6.46	5.86	5.32	4.72	4.12	29.3	4.00000
			3.05	2.63	2.19	1.79	1.47	1.16	1.687	13
2:	176.94		-3	4.54	0.00	2.5		5	377.0	57
		4.14	8.74	7.64	6.86	6.14	5.47	4.76	33.9	4.00000
			3.53	2.98	2.49	2.06	1.69	1.37	0.973	13
3:	213.20		0	5.27	0.00	4.3		5	377.0	69
		4.77	10.06	8.82	7.94	7.10	6.33	5.54	39.1	4.00000
			4.10	3.47	2.90	2.39	1.96	1.59	0.925	13
4:	116.06		-0	6.15	0.00	2.6		5	754.0	75
		5.56	11.89	10.42	9.36	8.35	7.40	6.45	45.6	4.00000
			4.76	4.03	3.36	2.78	2.28	1.85	0.944	13
5:	60.46		4	6.79	0.02	1.3		5	1256.7	65
		6.15	13.24	11.59	10.39	9.23	8.19	7.13	50.4	4.00000
			5.25	4.45	3.72	3.09	2.54	2.07	1.120	13
6:	53.52		-4	8.34	0.04	1.2		5	1099.6	51
		7.53	16.25	14.25	12.77	11.38	10.06	8.76	61.5	4.00000
			6.46	5.47	4.57	3.79	3.11	2.53	1.092	13
7:	20.23		-0	9.84	0.01	1.0		5	1979.3	34
		8.92	19.73	17.22	15.31	13.49	11.96	10.33	71.9	2.00000
			7.53	6.37	5.30	4.39	3.60	2.94	1.301	13
8:	10.18		6	12.18	0.34	1.4		5	3110.4	27
		11.16	24.88	21.49	18.96	16.53	14.68	12.79	88.3	1.00000
			9.21	7.62	6.37	5.25	4.24	3.52	1.715	13

*	180N	160N ON	155N 180N	150N 11669N	140N 1160	130N 4	120N 12:17:02	100N	80N	60N
1:	126.73		-1	4.53	0.05	0.8		6	628.3	69
		4.31	9.20	8.01	7.41	6.58	5.67	4.66	36.4	8.00000
			3.75	3.11	2.63	2.19	1.88	1.46	3.035	13
2:	82.98		-2	17.43	14.41	2.5		6	942.5	67
		13.12	-22.21	7.34	21.87	21.69	12.80	20.03		99
			12.19	4.23	11.34	4.13	4.23	4.50		99
3:	99.08		-1	-4.82	13.11	4.2		6	754.0	64
		-1.23	39.19	11.93	-2.04	-3.66	2.22	-5.42		99
			-1.91	3.51	-3.60	1.41	0.43	-0.54		99
4:	61.92		-0	7.07	0.03	2.6		6	1256.7	67
		6.44	13.83	12.15	10.90	9.71	8.57	7.43	52.8	4.00000
			5.51	4.68	3.93	3.23	2.65	2.16	1.085	13
5:	34.13		4	7.77	0.00	1.3		6	1885.0	55
		7.05	15.29	13.40	11.97	10.63	9.39	8.16	57.5	4.00000
			6.01	5.07	4.23	3.51	2.90	2.36	1.396	13
6:	32.14		-4	9.29	0.06	1.2		6	1508.0	42
		8.48	18.45	16.21	14.49	12.88	11.31	9.75	68.6	2.00000
			7.24	6.10	5.12	4.21	3.45	2.83	1.202	13
7:	13.17		-0	10.72	0.03	1.0		6	2513.4	29
		9.63	21.84	19.01	16.85	14.86	13.04	11.29	78.6	1.00000
			8.14	6.84	5.66	4.70	3.82	3.10	1.151	13

D13_RAW.txt

8:	7.18	6	13.30	0.52	1.3		6	3770.2	23
		26.93	23.19	20.18	17.56	15.81	14.08	94.8	1.00000
	11.70	9.80	8.14	6.42	5.89	4.75	3.94	3.538	13

*

	180N	160N ON	155N 180N	150N 11669N	140N 1160	130N 4	120N 12:19:27	100N	80N	60N
1:	126.83	-0	4.36	0.42	0.8		5	628.3	69	
		8.67	7.72	7.13	6.48	5.58	4.59	35.4	8.00000	
	4.13	3.76	2.93	2.64	2.13	1.81	1.51	3.135	11	
2:	82.40	-2	9.53	7.02	2.6		5	942.5	67	
		-20.62	0.51	9.12	10.86	10.13	9.37			
	8.62	7.90	7.34	6.75	6.29	3.31	-1.25		99	
3:	99.87	-1	3.07	5.38	4.2		5	754.0	65	
		37.48	17.59	8.69	5.49	4.52	3.53			
	2.62	1.79	1.00	0.32	-0.28	1.27	4.28		99	
4:	61.92	-0	7.03	0.03	2.6		5	1256.7	67	
		13.73	12.07	10.84	9.67	8.54	7.40	52.0	2.00000	
	6.40	5.47	4.59	3.85	3.18	2.59	2.11	1.019	13	
5:	34.14	3	7.75	0.02	1.3		5	1885.0	55	
		15.22	13.37	11.96	10.64	9.40	8.14	57.5	4.00000	
	7.04	6.00	5.06	4.23	3.52	2.90	2.38	1.288	13	
6:	32.14	-3	9.28	0.08	1.2		5	1508.0	42	
		18.28	16.11	14.44	12.85	11.31	9.76	68.4	2.00000	
	8.45	7.22	6.06	5.10	4.21	3.46	2.84	1.245	13	
7:	13.17	-1	10.80	0.00	1.0		5	2513.4	29	
		21.88	19.04	16.92	14.92	13.12	11.36	79.1	1.00000	
	9.71	8.19	6.88	5.71	4.69	3.85	3.15	1.140	13	
8:	7.18	6	13.39	0.70	1.2		5	3770.2	23	
		27.06	23.31	20.56	18.07	15.77	14.14	95.5	1.00000	
	11.83	9.75	8.41	6.71	5.62	4.88	3.86	2.609	13	

*

	190N	180N ON	175N 190N	170N 11689N	160N 1160	150N 4	140N 12:22:42	120N	100N	80N
1:	331.49	-4	3.93	0.14	2.5		5	188.5	54	
		7.42	6.44	5.85	5.28	4.55	4.05	29.8	8.00000	
	3.63	3.06	2.57	2.15	1.79	1.50	1.17	1.926	13	
2:	180.73	4	4.08	0.09	2.3		5	377.0	59	
		7.96	6.91	6.19	5.49	4.95	4.32	30.6	4.00000	
	3.68	3.16	2.70	2.27	1.87	1.50	1.23	1.393	13	
3:	201.34	-3	4.71	0.05	2.6		5	377.0	65	
		8.99	7.84	7.06	6.33	5.58	4.92	35.1	4.00000	
	4.30	3.66	3.10	2.59	2.16	1.78	1.43	1.386	13	
4:	102.68	-1	5.84	0.03	2.6		5	754.0	67	
		11.25	9.86	8.86	7.91	7.01	6.12	43.4	4.00000	
	5.31	4.54	3.84	3.21	2.66	2.19	1.78	0.942	13	
5:	57.30	3	7.10	0.03	0.7		5	1256.7	62	
		13.68	12.02	10.79	9.62	8.52	7.45	52.6	4.00000	
	6.45	5.52	4.65	3.89	3.23	2.67	2.17	0.963	13	
6:	56.72	-5	8.30	0.05	0.9		5	1099.6	54	
		16.30	14.30	12.78	11.36	9.98	8.70	60.9	2.00000	
	7.53	6.40	5.40	4.50	3.73	3.07	2.49	1.139	13	

D13_RAW.txt

7:	20.62	2	10.26	0.06	1.0		5	1979.3	35
	9.33	20.47	17.94	16.00	14.18	12.43	10.76	75.1	2.00000
		7.94	6.64	5.53	4.63	3.80	3.08	1.236	13
8:	9.13	4	11.49	0.39	0.9		5	3110.4	24
	10.17	24.39	21.14	18.58	16.25	14.71	12.35	91.0	0.25000
		8.71	7.37	6.12	4.92	3.94	3.28	1.838	13

*

	200N	180N ON	175N 200N	170N 11689N	160N 1000	150N 4	140N 12:25:42	120N	100N	80N
1:	114.91	-3	4.66	0.08	2.4		5	628.3	72	
	4.54	9.04	7.84	7.07	6.44	5.90	4.84	36.6	8.00000	
		3.82	3.25	2.59	2.20	1.81	1.49	2.413	13	
2:	71.74	4	4.97	0.04	2.3		5	942.5	68	
	4.37	9.65	8.41	7.54	6.70	5.88	5.26	36.9	4.00000	
		3.79	3.21	2.75	2.26	1.84	1.51	1.691	13	
3:	88.31	-3	5.60	0.03	2.6		5	754.0	67	
	5.12	10.75	9.39	8.41	7.58	6.82	5.83	41.8	4.00000	
		4.37	3.72	3.11	2.52	2.11	1.72	1.305	13	
4:	49.23	-1	6.84	0.01	2.7		5	1256.7	62	
	6.24	13.23	11.63	10.42	9.31	8.26	7.18	50.6	4.00000	
		5.30	4.46	3.73	3.08	2.52	2.04	1.040	13	
5:	29.02	3	8.11	0.01	0.8		5	1885.0	55	
	7.36	15.70	13.79	12.36	11.04	9.79	8.51	59.7	4.00000	
		6.28	5.32	4.42	3.65	3.00	2.47	0.960	13	
6:	30.41	-5	9.35	0.03	0.9		5	1508.0	46	
	8.53	18.45	16.21	14.44	12.84	11.38	9.81	68.5	2.00000	
		7.24	6.10	5.05	4.22	3.45	2.78	0.953	13	
7:	11.93	2	11.31	0.02	1.0		5	2513.4	30	
	10.22	22.53	19.75	17.52	15.54	13.85	11.79	81.8	2.00000	
		8.63	7.29	6.10	4.96	4.10	3.30	1.294	13	
8:	5.68	4	12.74	0.38	0.9		5	3770.2	21	
	11.25	26.61	23.32	20.66	17.76	14.96	13.79	98.9	0.25000	
		9.46	7.81	6.59	5.58	4.37	3.51	2.392	13	

*

	210N	200N ON	195N 210N	190N 11709N	180N 1190	170N 4	160N 12:28:54	140N	120N	100N
1:	306.28	-3	3.28	0.02	2.6		5	188.5	49	
	2.92	6.63	5.68	5.04	4.40	3.98	3.50	24.5	1.00000	
		2.43	2.14	1.77	1.48	1.23	0.86	3.710	13	
2:	167.87	1	3.45	0.01	3.5		5	377.0	53	
	3.14	6.80	5.86	5.26	4.69	4.15	3.62	26.0	4.00000	
		2.67	2.25	1.90	1.57	1.29	1.06	1.457	13	
3:	202.71	1	4.24	0.00	3.7		5	377.0	64	
	3.85	8.31	7.18	6.44	5.75	5.10	4.45	31.8	4.00000	
		3.29	2.79	2.33	1.93	1.58	1.30	1.299	13	
4:	112.96	0	5.48	0.01	2.7		5	754.0	72	
	4.96	10.66	9.30	8.34	7.43	6.59	5.75	40.8	4.00000	
		4.23	3.58	3.00	2.49	2.04	1.67	1.105	13	
5:	58.76	3	6.40	0.04	0.8		5	1256.7	62	
	5.78	12.46	10.86	9.71	8.65	7.67	6.73	47.4	4.00000	
		4.91	4.18	3.49	2.89	2.37	1.94	1.222	13	

D13_RAW.txt

6:	55.94	-6	8.10	0.04	0.9		5	1099.6	52
		15.89	13.96	12.50	11.08	9.82	8.50	59.4	2.00000
	7.34	6.25	5.29	4.39	3.63	2.97	2.37	0.883	13
7:	23.50	2	10.23	0.08	1.2		5	1979.3	39
		20.39	17.78	15.81	13.96	12.36	10.77	74.1	2.00000
	9.20	7.76	6.59	5.47	4.50	3.70	3.02	1.275	13
8:	9.93	6	11.93	0.25	1.1		5	3110.4	26
		24.36	21.32	18.98	16.81	14.76	12.54	88.2	1.00000
	10.81	9.33	7.83	6.45	5.28	4.35	3.39	1.322	13

*

	220N	200N ON	195N 220N	190N 11709N	180N 800	170N 4	160N 12:32:12	140N	120N	100N
1:	84.09	-2	4.33	0.17	2.6		5	628.3	66	
		7.08	6.29	5.23	4.38	4.05	4.50	26.5	1.00000	
	3.20	2.65	2.31	2.14	1.57	1.26	0.90	8.649	13	
2:	52.62	1	3.99	0.06	3.4		5	942.5	62	
		8.24	7.06	6.40	5.73	5.00	4.20	30.7	2.00000	
	3.70	3.15	2.66	2.23	1.85	1.49	1.27	1.980	13	
3:	70.21	0	4.98	0.01	3.6		5	754.0	66	
		9.80	8.52	7.61	6.76	6.00	5.23	37.3	4.00000	
	4.52	3.85	3.26	2.72	2.26	1.86	1.52	1.366	13	
4:	42.83	0	6.28	0.00	2.7		5	1256.7	67	
		12.29	10.74	9.61	8.55	7.57	6.60	46.6	4.00000	
	5.67	4.84	4.09	3.43	2.84	2.34	1.90	1.261	13	
5:	23.58	3	7.26	0.01	0.8		5	1885.0	56	
		13.98	12.29	10.96	9.70	8.60	7.64	52.6	2.00000	
	6.45	5.50	4.70	3.91	3.20	2.62	2.12	1.159	13	
6:	23.74	-6	9.10	0.04	0.9		5	1508.0	45	
		17.70	15.59	13.84	12.22	10.86	9.58	65.6	2.00000	
	8.10	6.89	5.78	4.87	3.98	3.26	2.68	1.052	13	
7:	10.69	2	11.09	0.02	1.2		5	2513.4	34	
		22.08	19.32	17.17	15.16	13.28	11.67	80.3	1.00000	
	9.79	8.38	7.06	5.90	4.80	3.88	3.16	1.017	13	
8:	4.85	5	12.43	0.06	1.1		5	3770.2	23	
		26.61	23.18	20.63	18.34	16.04	13.20	95.4	1.00000	
	11.66	9.86	8.28	6.75	5.80	4.82	3.97	2.747	13	

*

	230N	220N ON	215N 230N	210N 11729N	200N 800	190N 4	180N 12:35:06	160N	140N	120N
1:	187.15	-5	2.41	0.31	2.4		5	188.5	44	
		5.11	4.46	3.67	3.33	3.24	2.55	22.4	32.00000	
	2.31	2.01	2.03	1.46	1.04	0.82	0.80	7.253	9	
2:	113.36	4	3.26	0.02	2.7		5	377.0	53	
		6.64	5.64	5.09	4.52	3.92	3.43	24.4	1.00000	
	2.90	2.47	2.00	1.69	1.45	1.22	0.94	2.483	13	
3:	140.61	-4	4.00	0.05	3.0		5	377.0	66	
		7.99	6.92	6.15	5.46	4.86	4.21	29.8	2.00000	
	3.64	3.10	2.64	2.18	1.78	1.44	1.19	1.340	13	
4:	73.56	0	4.87	0.01	3.0		5	754.0	69	
		9.66	8.41	7.48	6.64	5.91	5.13	36.2	2.00000	
	4.43	3.74	3.22	2.68	2.18	1.77	1.45	1.298	13	

D13_RAW.txt

5:	41.01	7	5.96	0.02	1.5		5	1256.7	64
		11.70	10.22	9.12	8.11	7.18	6.26	44.4	4.00000
	5.39	4.61	3.90	3.25	2.70	2.21	1.80	1.324	13
6:	41.41	-6	7.62	0.11	1.0		5	1099.6	57
		14.91	13.09	11.62	10.33	9.31	8.00	56.6	4.00000
	6.94	5.91	5.12	4.16	3.45	2.83	2.35	1.384	13
7:	15.86	-0	10.06	0.02	0.7		5	1979.3	39
		19.87	17.47	15.52	13.77	12.21	10.56	73.8	1.00000
	9.12	7.77	6.55	5.42	4.40	3.58	2.89	1.218	13
8:	7.62	6	12.44	0.18	1.0		5	3110.4	30
		24.94	21.57	19.42	17.39	14.82	13.05	91.0	0.50000
	10.98	9.20	7.27	6.09	5.35	4.37	3.47	2.608	13

*

	240N	220N ON	215N 240N	210N 11729N	200N 800	190N 4	180N 12:37:50	160N	140N	120N
1:	80.66	-4	2.47	0.18	2.4		5	628.3	63	
		7.98	7.53	6.27	4.55	3.48	2.55	26.4	0.50000	
	2.61	2.51	2.49	2.22	1.14	0.86	1.25	22.044	12	
2:	55.56	4	4.33	0.05	2.7		5	942.5	65	
		7.97	6.77	6.11	5.62	5.13	4.55	30.4	2.00000	
	3.83	3.20	2.59	2.12	1.88	1.57	1.14	3.736	13	
3:	75.34	-5	4.85	0.00	3.0		5	754.0	71	
		9.85	8.59	7.64	6.72	5.90	5.10	36.5	2.00000	
	4.42	3.78	3.21	2.67	2.19	1.78	1.47	1.561	13	
4:	42.57	1	5.75	0.01	3.0		5	1256.7	67	
		11.62	10.19	9.06	7.96	6.99	6.04	43.1	2.00000	
	5.23	4.48	3.82	3.20	2.58	2.10	1.76	1.649	13	
5:	24.90	6	6.95	0.00	1.5		5	1885.0	59	
		13.67	11.93	10.68	9.47	8.39	7.30	51.3	2.00000	
	6.29	5.36	4.53	3.80	3.14	2.57	2.10	1.332	13	
6:	26.42	-6	8.47	0.02	1.0		5	1508.0	50	
		17.27	15.27	13.52	11.87	10.34	8.89	63.5	2.00000	
	7.72	6.65	5.68	4.73	3.82	3.12	2.67	2.136	13	
7:	10.79	0	11.03	0.02	0.7		5	2513.4	34	
		22.32	19.62	17.44	15.36	13.47	11.62	80.9	2.00000	
	10.01	8.52	7.26	5.96	4.91	4.01	3.35	1.587	13	
8:	5.52	6	13.60	0.10	1.0		5	3770.2	26	
		25.62	21.90	19.52	17.96	16.22	14.31	93.3	1.00000	
	11.91	9.89	8.00	6.54	5.85	4.79	3.34	4.322	13	

*

	250N	240N ON	235N 250N	230N 11749N	220N 1255	210N 4	200N 12:41:36	180N	160N	140N
1:	298.68	-7	4.16	0.04	1.7		5	188.5	45	
		8.10	7.09	6.44	5.64	5.08	4.34	30.6	2.00000	
	3.63	3.10	2.74	2.24	1.87	1.48	1.20	1.738	13	
2:	195.27	-5	4.32	0.01	2.8		5	377.0	59	
		8.48	7.37	6.59	5.90	5.19	4.54	31.9	2.00000	
	3.92	3.32	2.78	2.32	1.91	1.57	1.26	0.985	13	
3:	206.41	1	4.30	0.00	4.4		5	377.0	62	
		8.64	7.47	6.67	5.91	5.22	4.53	32.0	2.00000	
	3.89	3.31	2.79	2.32	1.92	1.57	1.27	1.276	13	

D13_RAW.txt

4:	111.45	-1	5.04	0.00	2.7		5	754.0	67
		9.99	8.70	7.78	6.88	6.11	5.29	37.5	2.00000
	4.55	3.88	3.30	2.74	2.27	1.85	1.50	1.175	13
5:	66.41	2	6.22	0.00	1.3		5	1256.7	67
		12.24	10.70	9.57	8.50	7.51	6.53	45.9	2.00000
	5.63	4.79	4.04	3.37	2.79	2.29	1.86	1.033	13
6:	63.18	-1	7.59	0.00	1.2		5	1099.6	55
		14.89	13.07	11.71	10.36	9.19	7.96	55.9	2.00000
	6.86	5.85	4.99	4.13	3.42	2.80	2.27	1.119	13
7:	26.57	-1	9.98	0.00	1.0		5	1979.3	42
		19.74	17.35	15.54	13.68	12.19	10.47	73.0	2.00000
	9.01	7.68	6.56	5.44	4.49	3.66	2.97	1.022	13
8:	11.61	4	12.29	0.07	0.8		5	3110.4	29
		24.75	21.43	18.92	17.01	14.92	12.94	89.7	1.00000
	11.50	9.67	7.70	6.49	5.32	4.47	3.53	1.883	13

*

	260N	240N	235N	230N	220N	210N	200N	180N	160N	140N
		ON	260N	11749N	800	4	12:44:36			
1:	67.17	-7	3.89	0.00	1.6		5	628.3	53	
		7.09	5.45	5.02	5.82	4.71	4.04	29.5	8.00000	
	4.10	3.16	2.99	2.47	1.74	1.20	1.10	12.668	13	
2:	51.01	-5	4.26	0.06	2.8		5	942.5	60	
		8.56	7.48	6.66	5.79	5.15	4.48	31.6	1.00000	
	3.82	3.22	2.62	2.20	1.83	1.52	1.22	1.457	13	
3:	60.37	1	4.39	0.00	4.4		5	754.0	57	
		9.01	7.73	6.87	6.08	5.34	4.62	33.1	1.00000	
	3.98	3.36	2.84	2.35	1.94	1.58	1.28	1.406	13	
4:	36.05	-1	5.31	0.00	2.8		5	1256.7	57	
		10.68	9.16	8.17	7.43	6.45	5.59	39.7	2.00000	
	4.92	4.13	3.53	2.94	2.38	1.93	1.56	1.591	13	
5:	22.84	2	6.70	0.04	1.3		5	1885.0	54	
		13.39	11.67	10.42	9.21	8.13	7.04	49.7	2.00000	
	6.07	5.16	4.37	3.64	3.02	2.47	2.02	1.283	13	
6:	23.12	-1	8.21	0.00	1.1		5	1508.0	44	
		16.21	14.08	12.58	11.39	9.95	8.65	60.5	2.00000	
	7.56	6.36	5.43	4.51	3.72	2.99	2.46	1.258	13	
7:	10.54	-1	10.83	0.01	1.0		5	2513.4	33	
		21.35	18.57	16.58	14.98	13.14	11.44	78.7	2.00000	
	9.95	8.36	7.12	5.87	4.87	3.88	3.20	1.129	13	
8:	4.99	4	13.33	0.00	0.8		5	3770.2	23	
		28.12	25.37	22.30	17.50	16.19	14.11	101.3	0.25000	
	10.60	9.61	7.33	6.16	5.70	4.81	3.81	6.758	13	

*

	270N	260N	255N	250N	240N	230N	220N	200N	180N	160N
		ON	270N	11769N	800	4	12:47:26			
1:	201.14	-4	3.89	0.14	2.3		5	188.5	47	
		7.39	6.40	5.69	5.08	4.40	4.04			
	3.60	2.86	2.58	2.00	1.61	-0.68	-3.18		98	
2:	145.28	4	6.02	0.13	2.0		5	377.0	68	
		11.84	10.41	9.38	8.37	7.52	6.37	110.9	4096.00000	
	5.37	4.71	3.81	3.29	2.74	4.99	7.63	43.588	13	

D13_RAW.txt

3:	125.67	3	3.92	0.16	3.0		5	377.0	59
		7.79	6.70	5.99	5.35	4.64	4.08	29.0	1.00000
	3.62	2.98	2.61	1.96	1.68	1.36	1.13	2.515	13
4:	64.32	-9	5.16	0.00	3.4		5	754.0	61
		10.25	8.92	7.99	7.12	6.25	5.42	38.4	1.00000
	4.67	3.97	3.35	2.73	2.26	1.83	1.48	1.012	13
5:	35.57	6	5.55	0.00	1.0		5	1256.7	56
		11.22	9.74	8.67	7.66	6.73	5.83	41.5	1.00000
	5.02	4.26	3.59	2.98	2.46	2.00	1.62	1.234	13
6:	36.98	-7	7.12	0.01	0.9		5	1099.6	51
		14.13	12.33	11.03	9.78	8.59	7.47	52.6	2.00000
	6.47	5.48	4.68	3.85	3.19	2.62	2.15	1.228	13
7:	15.51	3	9.49	0.06	1.2		5	1979.3	38
		18.84	16.51	14.73	13.02	11.49	9.99	69.2	2.00000
	8.59	7.30	6.15	5.13	4.23	3.43	2.78	1.026	13
8:	7.53	3	11.75	0.96	1.0		5	3110.4	29
		24.52	21.45	19.17	16.62	15.60	12.70	88.3	1.00000
	9.88	9.18	7.26	7.04	5.40	4.29	3.79	5.161	11

*

	280N	260N ON	255N 280N	250N 11769N	240N 800	230N 4	220N 12:50:24	200N	180N	160N
1:	82.26	-4	4.30	0.02	2.3		5	628.3	65	
		9.22	8.32	7.13	6.77	5.90	4.39	34.9	1.00000	
	4.13	3.67	2.96	2.32	2.22	1.74	1.32	5.224	13	
2:	66.94	4	7.41	0.01	2.0		5	942.5	79	
		13.69	11.81	10.88	9.35	8.37	7.90	51.9	2.00000	
	6.51	5.39	4.66	3.96	3.04	2.55	2.12	2.883	13	
3:	64.38	3	4.57	0.02	3.0		5	754.0	61	
		9.82	8.72	7.50	6.97	6.06	4.72	36.1	1.00000	
	4.30	3.77	3.07	2.45	2.21	1.76	1.34	3.716	13	
4:	36.04	-9	6.15	0.00	3.4		5	1256.7	57	
		12.32	10.78	9.57	8.55	7.52	6.47	45.7	2.00000	
	5.60	4.78	4.00	3.32	2.74	2.27	1.81	1.173	13	
5:	20.92	6	6.65	0.01	1.0		5	1885.0	49	
		13.43	11.69	10.36	9.19	8.09	7.01	49.6	2.00000	
	6.04	5.14	4.35	3.64	3.05	2.49	2.02	1.599	13	
6:	22.98	-7	8.13	0.00	0.9		5	1508.0	43	
		16.38	14.35	12.74	11.38	10.00	8.56	60.8	1.00000	
	7.43	6.30	5.29	4.40	3.63	2.99	2.39	1.268	13	
7:	10.30	4	10.70	0.07	1.1		5	2513.4	32	
		21.27	18.59	16.60	14.77	13.05	11.24	78.3	2.00000	
	9.69	8.27	6.97	5.83	4.83	3.99	3.22	1.178	13	
8:	5.35	3	14.09	0.00	1.0		5	3770.2	25	
		26.20	21.81	20.32	16.59	14.91	15.28	93.0	1.00000	
	11.96	9.60	8.46	7.50	4.89	4.30	3.70	6.890	13	

*

	290N	280N ON	275N 290N	270N 11789N	260N 800	250N 4	240N 12:54:28	220N	200N	180N
1:	172.42	-3	1.93	1.90	2.2		5	188.5	41	
		-72.70	-29.12	-5.25	3.62	3.58	2.44			
	1.47	0.84	0.66	0.08	-0.60	-0.93	-1.16		99	

D13_RAW.txt

2:	115.15	-0	8.97	3.46	2.3		5	377.0	54
	7.86	132.04	63.10	25.66	10.50	8.96	8.40		
		7.23	6.55	6.08	5.73	5.34	5.00		99
3:	118.07	0	4.89	0.01	2.6		5	377.0	56
	4.41	10.10	8.62	7.67	6.80	6.02	5.18	36.7	1.00000
		3.73	3.20	2.63	2.13	1.74	1.40	1.442	13
4:	76.62	-0	6.61	0.02	2.3		5	754.0	72
	5.98	13.20	11.40	10.18	9.04	8.00	6.95	48.8	2.00000
		5.09	4.29	3.59	2.97	2.42	1.98	1.268	13
5:	35.97	9	5.81	0.08	1.6		5	1256.7	56
	5.25	11.93	10.23	9.12	8.07	7.08	6.15	43.6	1.00000
		4.45	3.82	3.12	2.57	2.11	1.68	1.426	13
6:	34.06	-11	7.28	0.01	1.7		5	1099.6	47
	6.56	14.93	12.88	11.45	10.14	8.97	7.70	54.4	1.00000
		5.55	4.78	3.90	3.20	2.63	2.12	1.301	13
7:	14.79	-1	9.30	0.11	0.9		5	1979.3	37
	8.43	18.97	16.35	14.46	12.76	11.15	9.75	68.0	2.00000
		7.17	5.94	4.97	4.16	3.38	2.76	1.901	13
8:	7.08	6	11.91	0.41	1.3		5	3110.4	28
	10.98	24.65	20.92	18.22	16.10	13.73	12.32	86.1	2.00000
		9.30	7.46	6.25	5.41	4.41	3.58	3.296	13

*

	300N	280N ON	275N 300N	270N 11789N	260N 800	250N 4	240N 12:56:57	220N	200N	180N
1:	64.36	1	-0.45	4.35	2.2		5	628.3	51	
	0.90	-463.35	-211.90	-76.25	-22.97	-5.61	-1.65			
		1.18	1.81	1.29	-0.58	0.69	0.44		99	
2:	59.35	-4	11.06	4.53	2.3		5	942.5	70	
	8.93	525.64	247.99	99.08	40.18	19.25	13.13			
		7.30	4.76	4.70	5.02	3.40	2.87		99	
3:	60.81	0	5.74	0.07	2.6		5	754.0	57	
	5.21	13.10	10.17	9.03	8.00	6.97	6.02	44.6	0.50000	
		4.44	3.68	3.04	2.53	2.10	1.70	3.986	13	
4:	42.94	0	7.59	0.02	2.3		5	1256.7	67	
	6.87	16.50	13.27	11.75	10.40	9.19	7.98	57.0	1.00000	
		5.84	4.94	4.11	3.41	2.78	2.27	3.180	13	
5:	21.22	9	6.77	0.08	1.6		5	1885.0	50	
	6.16	15.31	12.11	10.83	9.50	8.32	7.10	52.6	0.50000	
		5.23	4.36	3.59	2.98	2.48	1.98	3.396	13	
6:	21.19	-11	8.39	0.11	1.7		5	1508.0	40	
	7.60	18.54	14.88	13.26	11.65	10.21	8.81	62.9	1.00000	
		6.50	5.41	4.45	3.71	3.10	2.49	3.277	13	
7:	9.84	-1	10.46	0.09	0.9		5	2513.4	31	
	9.47	22.98	18.55	16.21	14.22	12.40	10.92	78.8	0.50000	
		7.94	6.58	5.52	4.48	3.75	2.99	3.295	13	
8:	5.02	5	12.73	0.00	1.3		5	3770.2	24	
	11.43	27.14	21.82	19.42	17.64	15.49	13.59	92.5	1.00000	
		9.66	8.05	6.85	5.66	4.44	3.56	2.856	13	

*

	310N	300N ON	295N 310N	290N 11809N	280N 800	270N 4	260N 13:00:15	240N	220N	200N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D13_RAW.txt

1:	170.95	-5	4.80	0.24	2.2		5	188.5	40
		9.43	8.30	7.40	6.61	5.75	5.15	35.4	1.00000
	4.20	3.49	3.02	2.64	2.15	1.66	1.32	2.427	13
2:	87.64	5	5.19	0.10	2.4		5	377.0	41
		9.97	8.72	7.85	7.02	6.29	5.42	38.1	2.00000
	4.76	4.08	3.40	2.76	2.29	1.87	1.51	1.430	13
3:	114.20	-7	5.66	0.04	2.6		5	377.0	54
		10.77	9.48	8.54	7.64	6.77	5.94	41.7	4.00000
	5.12	4.35	3.68	3.09	2.54	2.06	1.67	0.968	13
4:	59.00	-3	6.17	0.05	2.5		5	754.0	56
		11.90	10.46	9.38	8.37	7.41	6.47	45.7	4.00000
	5.57	4.74	4.04	3.38	2.82	2.28	1.87	0.980	13
5:	31.80	7	6.71	0.01	0.9		5	1256.7	50
		13.15	11.53	10.32	9.16	8.11	7.07	49.4	2.00000
	6.06	5.16	4.35	3.65	3.00	2.44	1.99	0.872	13
6:	36.26	-2	8.35	0.01	1.6		5	1099.6	50
		16.30	14.36	12.86	11.42	10.11	8.78	61.2	2.00000
	7.54	6.44	5.44	4.54	3.76	3.05	2.49	0.876	13
7:	13.00	-3	9.50	0.08	1.7		5	1979.3	32
		18.77	16.50	14.77	13.07	11.52	10.04	69.5	2.00000
	8.54	7.21	6.17	5.19	4.29	3.49	2.81	1.130	13
8:	6.51	1	11.52	0.58	1.0		5	3110.4	25
		23.20	20.27	17.94	16.02	14.32	12.24	84.8	2.00000
	10.55	9.20	7.71	6.10	5.18	4.32	3.54	1.776	13

*

	320N	300N ON	295N 320N	290N 11809N	280N 800	270N 4	260N 13:02:45	240N	220N	200N
1:	84.53	-5	4.99	0.02	2.2		5	628.3	66	
		9.94	8.69	7.94	6.91	5.89	5.09	37.6	0.50000	
	4.65	3.92	3.15	2.67	2.20	1.77	1.16	5.613	13	
2:	47.70	6	5.60	0.02	2.4		5	942.5	56	
		10.75	9.42	8.41	7.54	6.78	5.96	41.7	4.00000	
	5.04	4.31	3.68	3.07	2.50	2.08	1.79	1.870	13	
3:	67.19	-7	6.11	0.00	2.6		5	754.0	63	
		11.72	10.29	9.26	8.25	7.31	6.40	45.3	4.00000	
	5.56	4.75	4.00	3.35	2.77	2.28	1.84	0.923	13	
4:	37.13	-3	6.79	0.01	2.5		5	1256.7	58	
		13.12	11.51	10.36	9.22	8.12	7.09	49.8	2.00000	
	6.17	5.26	4.41	3.71	3.09	2.51	1.97	1.499	13	
5:	20.86	7	7.54	0.03	0.9		5	1885.0	49	
		14.69	12.89	11.54	10.25	9.06	7.89	55.9	4.00000	
	6.85	5.85	4.91	4.13	3.44	2.84	2.32	1.226	13	
6:	24.85	-2	9.27	0.00	1.6		5	1508.0	47	
		18.03	15.86	14.18	12.60	11.17	9.71	68.0	4.00000	
	8.42	7.18	6.06	5.06	4.19	3.44	2.77	1.158	13	
7:	9.41	-4	10.51	0.09	1.7		5	2513.4	30	
		20.67	18.17	16.18	14.29	12.58	10.95	76.4	2.00000	
	9.55	8.17	6.83	5.70	4.79	3.93	3.04	1.655	13	
8:	4.95	1	12.33	0.18	1.0		5	3770.2	23	
		24.84	21.64	19.40	17.51	15.55	13.37	90.3	2.00000	
	10.64	9.14	8.07	6.77	5.56	4.36	4.10	4.149	13	

D13_RAW.txt

*									
330N	320N ON	315N 330N	310N 11829N	300N 800	290N 4	280N 13:06:08	260N	240N	220N
1:	186.03	-5 9.04	4.88 7.85	0.01 7.11	2.3 6.34	5.81 1.68	5 5.14	188.5 35.2	44 4.00000
	4.37	3.71	3.11	2.62	2.10		1.42	2.099	13
2:	80.46	5 10.22	5.35 9.06	0.01 8.17	2.3 7.38	6.41 1.99	5 5.60	377.0 39.5	38 2.00000
	4.89	4.16	3.52	2.91	2.41		1.54	1.561	13
3:	151.84	-6 10.57	5.51 9.26	0.01 8.36	2.3 7.44	6.64 1.97	5 5.80	377.0 40.3	72 2.00000
	4.98	4.24	3.55	2.97	2.43		1.60	0.922	13
4:	68.73	-0 11.60	5.95 10.11	0.01 9.07	2.4 8.05	7.19 2.15	5 6.26	754.0 43.8	65 2.00000
	5.37	4.58	3.85	3.23	2.66		1.78	1.111	13
5:	38.30	-0 13.43	7.00 11.81	0.00 10.60	1.0 9.46	8.42 2.61	5 7.36	1256.7 51.8	60 4.00000
	6.34	5.43	4.61	3.85	3.20		2.12	0.893	13
6:	35.07	-4 15.84	8.20 13.89	0.02 12.47	0.9 11.06	9.86 3.11	5 8.61	1099.6 60.6	48 4.00000
	7.46	6.33	5.38	4.54	3.73		2.56	1.347	13
7:	16.18	7 20.39	10.41 17.97	0.02 16.15	1.4 14.33	12.63 3.91	5 10.92	1979.3 76.5	40 4.00000
	9.41	8.11	6.76	5.70	4.75		3.17	1.280	13
8:	6.54	-3 23.24	11.29 20.75	0.05 18.43	1.5 16.34	13.72 4.35	5 11.71	3110.4 84.5	25 2.00000
	10.37	8.98	7.62	6.23	5.36		3.38	2.737	13

*									
340N	320N ON	315N 340N	310N 11829N	300N 800	290N 4	280N 13:08:36	260N	240N	220N
1:	74.60	-4 9.86	5.07 8.76	0.01 7.88	2.3 6.83	6.21 1.91	5 5.33	628.3 38.2	59 2.00000
	4.75	4.22	3.60	2.91	2.21		1.44	3.973	13
2:	36.49	5 11.17	5.91 9.74	0.04 8.82	2.3 8.03	7.07 2.10	5 6.22	942.5 43.1	43 4.00000
	5.23	4.40	3.67	3.15	2.71		1.79	1.960	13
3:	76.08	-6 11.72	6.02 10.30	0.00 9.24	2.3 8.19	7.28 2.19	5 6.33	754.0 44.4	72 2.00000
	5.48	4.69	3.96	3.29	2.67		1.77	1.038	13
4:	38.01	-0 13.04	6.66 11.46	0.03 10.24	2.4 9.05	8.03 2.49	5 6.97	1256.7 49.2	60 2.00000
	6.08	5.21	4.39	3.64	2.97		1.98	1.397	13
5:	22.41	-0 15.18	7.87 13.38	0.02 11.99	1.0 10.68	9.48 2.90	5 8.27	1885.0 58.0	53 4.00000
	7.15	6.12	5.16	4.33	3.57		2.34	1.028	13
6:	21.72	-4 17.85	9.19 15.77	0.01 14.12	0.9 12.52	11.09 3.38	5 9.68	1508.0 67.2	41 2.00000
	8.33	7.16	6.00	5.01	4.11		2.74	0.999	13
7:	10.71	7 22.25	11.48 19.65	0.06 17.54	1.5 15.59	13.81 4.11	5 12.07	2513.4 82.5	34 2.00000
	10.27	8.72	7.42	6.13	5.10		3.43	0.918	13

D13_RAW.txt

8:	4.62	-3	12.76	0.20	1.5		5	3770.2	22
		24.80	21.74	19.49	17.66	15.38	13.42	91.2	4.00000
	11.01	9.29	7.64	6.61	5.96	4.59	4.09	4.218	13

*

	350N	340N ON	335N 350N	330N 11849N	320N 902	310N 4	300N 13:11:34	280N	260N	240N
1:	207.55	-6	4.46	0.02	2.3		5	188.5	43	
		8.74	7.61	6.84	6.11	5.45	4.73	33.1	1.00000	
	4.03	3.41	2.88	2.36	1.95	1.60	1.25	1.301	13	
2:	118.72	3	5.03	0.03	2.2		5	377.0	50	
		9.73	8.51	7.68	6.86	6.06	5.29	37.1	2.00000	
	4.58	3.90	3.27	2.73	2.25	1.83	1.48	1.006	13	
3:	136.14	1	5.38	0.03	2.4		5	377.0	57	
		10.39	9.10	8.17	7.29	6.50	5.65	39.6	2.00000	
	4.86	4.13	3.49	2.91	2.39	1.98	1.60	1.085	13	
4:	59.91	0	6.01	0.05	2.5		5	754.0	50	
		11.52	10.12	9.12	8.14	7.25	6.31	44.4	4.00000	
	5.43	4.63	3.90	3.24	2.70	2.22	1.80	0.823	13	
5:	45.47	1	6.86	0.02	1.4		5	1256.7	63	
		13.24	11.65	10.45	9.30	8.25	7.20	50.7	4.00000	
	6.21	5.29	4.48	3.75	3.09	2.53	2.08	0.917	13	
6:	38.97	-10	8.14	0.07	1.4		5	1099.6	48	
		15.74	13.86	12.44	11.06	9.83	8.56	60.2	4.00000	
	7.36	6.29	5.31	4.45	3.73	3.08	2.51	1.114	13	
7:	15.23	3	10.67	0.30	0.9		5	1979.3	33	
		20.45	18.02	16.16	14.42	12.81	11.20	77.5	4.00000	
	9.68	8.26	7.05	5.88	4.75	3.90	3.17	1.152	13	
8:	8.05	10	12.54	0.30	1.5		5	3110.4	28	
		24.70	21.66	19.33	17.14	15.10	13.15	90.6	2.00000	
	11.41	9.62	8.06	6.81	5.60	4.61	3.83	1.380	13	

*

	360N	340N ON	335N 360N	330N 11849N	320N 800	310N 4	300N 13:15:08	280N	260N	240N
1:	61.77	-6	4.72	0.07	2.4		5	628.3	49	
		9.14	7.99	7.23	6.48	5.62	4.81	34.7	2.00000	
	4.36	3.57	3.29	2.56	2.11	1.60	1.34	3.276	13	
2:	40.98	3	5.16	0.02	2.2		5	942.5	48	
		9.94	8.60	7.77	6.91	6.19	5.48	38.2	4.00000	
	4.62	4.01	3.21	2.76	2.36	1.99	1.57	2.210	13	
3:	52.92	1	5.65	0.01	2.4		5	754.0	50	
		10.87	9.51	8.56	7.63	6.76	5.87	42.0	4.00000	
	5.16	4.35	3.75	3.11	2.57	2.08	1.71	1.149	13	
4:	25.84	-0	6.48	0.02	2.5		5	1256.7	41	
		12.34	10.86	9.76	8.79	7.80	6.79	49.3	8.00000	
	5.91	5.05	4.37	3.65	3.09	2.40	1.98	1.740	13	
5:	21.01	1	7.39	0.02	1.3		5	1885.0	50	
		14.33	12.58	11.26	10.04	8.91	7.75	54.1	2.00000	
	6.73	5.71	4.82	4.01	3.30	2.70	2.18	1.010	13	
6:	19.38	-10	9.00	0.00	1.2		5	1508.0	37	
		17.37	15.26	13.70	12.26	10.80	9.41	66.1	4.00000	
	8.17	6.93	5.90	4.90	4.10	3.36	2.74	0.960	13	

D13_RAW.txt

7:	8.26	4	11.29	0.03	0.9		5	2513.4	26
	10.23	21.93	19.29	17.25	15.42	13.61	11.83	81.4	2.00000
		8.70	7.34	6.10	4.97	4.07	3.32	0.780	13

8:	4.72	10	13.53	0.01	1.5		5	3770.2	22
	12.20	26.60	23.36	20.75	18.41	16.32	14.31	98.4	4.00000
		10.53	8.82	7.49	6.22	5.14	4.16	1.460	13

* 370N 360N 355N 350N 340N 330N 320N 300N 280N 260N
ON 370N 11869N 800 4 13:18:04|

1:	130.21	-8	3.91	0.12	2.2		5	188.5	31
		7.78	6.72	5.73	5.22	4.19	4.03	29.3	0.25000
	3.44	2.70	2.58	1.87	1.70	1.12	0.92	6.606	13

2:	97.04	5	3.85	0.01	2.3		5	377.0	46
		7.81	6.73	6.05	5.42	4.82	4.07	29.6	0.50000
	3.48	2.98	2.44	2.05	1.67	1.39	1.05	1.852	13

3:	115.37	5	4.35	0.01	2.9		5	377.0	54
		8.79	7.62	6.75	6.02	5.24	4.57	32.6	1.00000
	3.96	3.32	2.83	2.33	1.94	1.55	1.23	1.426	13

4:	53.35	-5	5.37	0.09	2.9		5	754.0	50
		10.51	9.17	8.20	7.29	6.47	5.65	39.8	2.00000
	4.87	4.14	3.52	2.93	2.43	1.99	1.59	1.353	13

5:	30.38	6	6.20	0.01	0.9		5	1256.7	48
		12.21	10.67	9.47	8.44	7.44	6.51	46.2	4.00000
	5.64	4.77	4.06	3.38	2.82	2.35	1.90	1.509	13

6:	29.39	-8	7.76	0.06	1.0		5	1099.6	40
		14.96	13.11	11.72	10.51	9.23	8.12	56.7	2.00000
	7.04	6.02	5.16	4.27	3.56	2.79	2.24	1.989	13

7:	13.14	-2	9.96	0.05	1.1		5	1979.3	33
		19.47	17.19	15.04	13.42	11.89	10.43	72.8	4.00000
	9.05	7.63	6.51	5.39	4.44	3.74	3.05	1.630	13

8:	6.00	5	12.54	0.06	1.0		5	3110.4	23
		24.30	21.37	19.16	17.02	15.07	13.17	90.2	2.00000
	11.41	9.74	8.27	6.89	5.69	4.53	3.60	1.525	13

* 380N 360N 355N 350N 340N 330N 320N 300N 280N 260N
ON 380N 11869N 900 4 13:21:05|

1:	72.23	-7	4.40	0.00	2.2		5	628.3	50
		9.04	8.17	6.81	6.37	5.22	4.69	34.7	0.25000
	4.09	3.35	2.69	2.27	1.84	1.43	1.13	2.827	13

2:	60.20	5	4.59	0.03	2.4		5	942.5	63
		9.30	7.99	7.22	6.30	5.61	4.84	34.9	0.50000
	4.11	3.49	2.91	2.42	1.99	1.60	1.24	1.569	13

3:	78.28	4	5.08	0.01	2.9		5	754.0	66
		10.18	8.87	7.87	7.01	6.13	5.33	37.7	1.00000
	4.58	3.89	3.27	2.70	2.24	1.81	1.40	1.413	13

4:	39.35	-5	6.13	0.01	2.9		5	1256.7	55
		12.03	10.51	9.38	8.36	7.40	6.45	45.3	2.00000
	5.56	4.74	4.00	3.36	2.78	2.28	1.77	1.481	13

5:	23.63	6	7.06	0.02	0.9		5	1885.0	49
		13.81	12.10	10.81	9.63	8.51	7.41	51.9	2.00000
	6.40	5.46	4.61	3.85	3.18	2.60	2.05	1.187	13

D13_RAW.txt

6:	24.07	-8	8.67	0.02	1.0		5	1508.0	40
	16.74	14.78	13.17	11.83	10.41	9.09	63.2	2.00000	
	7.83	6.71	5.64	4.74	3.90	3.20	2.53	1.235	13
7:	11.35	-2	10.88	0.04	1.2		5	2513.4	32
	21.12	18.66	16.63	14.84	13.04	11.44	78.4	2.00000	
	9.86	8.38	7.07	5.85	4.82	3.93	3.12	0.978	13
8:	5.42	5	13.17	0.05	0.9		5	3770.2	23
	25.87	22.70	20.29	18.10	16.04	13.86	95.1	2.00000	
	11.89	10.22	8.59	7.19	6.05	4.82	3.86	1.225	13

*

	390N	380N ON	375N 390N	370N 11889N	360N 900	350N 4	340N 13:25:24	320N	300N	280N
1:	125.45	-0	3.02	0.15	0.7		5	188.5	26	
	5.08	3.85	3.50	3.42	2.76	2.99	18.6	4.00000		
	2.73	1.92	1.10	1.60	1.26	0.81	0.50	16.901	12	
2:	93.46	7	-9.43	0.46	2.3		5	377.0	39	
	-252.25	-106.20	-43.67	-22.06	-15.02	-10.58	301.5	0.00012		
	-7.45	-4.89	-3.60	-2.79	-2.06	-1.98	-1.45	130.157	10	
3:	91.44	-8	15.79	0.39	4.0		5	377.0	38	
	270.89	119.66	54.51	31.34	22.86	17.29	435.4	0.00012		
	13.09	9.59	7.63	6.14	4.71	4.12	3.18	86.937	13	
4:	81.36	1	5.46	0.01	2.7		5	754.0	68	
	11.01	9.53	8.47	7.52	6.63	5.75	41.3	0.50000		
	4.92	4.13	3.42	2.87	2.35	1.89	1.47	1.405	13	
5:	51.15	10	5.90	0.00	1.1		5	1256.7	71	
	11.86	10.31	9.19	8.15	7.17	6.21	43.9	1.00000		
	5.33	4.51	3.78	3.14	2.60	2.11	1.67	0.979	13	
6:	43.87	-7	7.49	0.02	0.9		5	1099.6	54	
	14.48	12.65	11.33	10.14	8.92	7.86	54.5	2.00000		
	6.79	5.71	4.74	4.10	3.36	2.72	2.17	1.390	13	
7:	17.78	0	9.69	0.00	1.0		5	1979.3	39	
	18.69	16.45	14.71	13.14	11.62	10.13	70.2	2.00000		
	8.77	7.44	6.24	5.26	4.38	3.59	2.81	1.353	13	
8:	8.80	-1	12.09	0.00	1.1		5	3110.4	30	
	23.38	20.39	18.14	16.21	14.30	12.66	85.9	2.00000		
	10.90	9.18	7.53	6.47	5.36	4.30	3.53	1.344	13	

*

	400N	380N ON	375N 400N	370N 11889N	360N 900	350N 4	340N 13:28:56	320N	300N	280N
1:	54.06	1	2.70	0.00	0.7		5	628.3	38	
	6.15	5.10	4.78	4.14	3.50	2.89	22.5	4.00000		
	2.58	2.06	1.83	1.66	1.73	1.03	0.93	9.527	13	
2:	36.01	-3	3.21	0.08	2.2		5	942.5	38	
	6.89	5.83	5.11	4.51	3.91	3.39	25.9	0.25000		
	2.93	2.53	2.04	1.68	1.33	1.15	0.88	2.453	13	
3:	63.27	2	4.01	0.04	4.0		5	754.0	53	
	8.28	7.12	6.32	5.56	4.90	4.24	30.1	1.00000		
	3.59	3.03	2.55	2.12	1.77	1.43	1.16	1.526	13	
4:	49.69	1	6.23	0.01	2.7		5	1256.7	69	
	12.49	10.92	9.75	8.63	7.60	6.56	46.2	1.00000		
	5.63	4.71	3.98	3.30	2.71	2.18	1.78	0.736	13	

D13_RAW.txt

5:	32.65	10	6.75	0.01	1.1		5	1885.0	68
		13.53	11.82	10.54	9.33	8.23	7.11	49.8	2.00000
	6.09	5.18	4.37	3.62	3.02	2.44	1.99	1.257	13
6:	29.48	-8	8.34	0.00	0.8		5	1508.0	49
		16.35	14.38	12.91	11.45	10.09	8.78	61.8	4.00000
	7.56	6.43	5.45	4.57	3.84	3.11	2.55	1.289	13
7:	12.65	0	10.60	0.07	1.0		5	2513.4	35
		20.62	18.18	16.28	14.47	12.81	11.15	77.4	4.00000
	9.59	8.19	6.91	5.77	4.79	3.91	3.20	1.122	13
8:	6.58	-1	12.87	0.00	1.1		5	3770.2	28
		25.34	22.27	19.83	17.62	15.57	13.54	92.6	2.00000
	11.62	9.97	8.40	6.95	5.67	4.62	3.81	0.972	13

*

	410N	400N ON	395N 410N	390N 11909N	380N 900	370N 4	360N 13:31:52	340N	320N	300N
1:	200.09	2	3.75	0.15	0.8		5	188.5	42	
		7.40	6.32	5.46	4.85	4.29	3.86	27.9	0.25000	
	3.22	2.60	2.19	1.76	1.42	1.26	0.94	2.872	13	
2:	111.64	-4	3.90	0.00	2.6		5	377.0	47	
		8.19	7.05	6.28	5.52	4.83	4.11	30.1	0.50000	
	3.54	2.99	2.48	2.05	1.68	1.32	1.11	1.348	13	
3:	117.20	2	3.50	0.00	4.5		5	377.0	49	
		7.34	6.25	5.53	4.86	4.27	3.69	26.4	1.00000	
	3.15	2.66	2.24	1.86	1.53	1.25	1.01	1.837	13	
4:	49.68	1	3.74	0.00	2.5		5	754.0	42	
		7.92	6.74	5.95	5.23	4.58	3.94	28.9	0.50000	
	3.36	2.84	2.39	1.98	1.63	1.32	1.06	1.591	13	
5:	39.01	5	5.00	0.02	0.9		5	1256.7	54	
		10.13	8.72	7.69	6.80	6.01	5.25	37.2	1.00000	
	4.48	3.79	3.19	2.64	2.19	1.80	1.45	1.531	13	
6:	53.69	2	7.53	0.01	0.9		5	1099.6	66	
		14.90	13.03	11.57	10.25	9.09	7.94	55.0	2.00000	
	6.75	5.70	4.84	4.02	3.33	2.75	2.22	1.178	13	
7:	20.40	-1	9.53	0.00	0.9		5	1979.3	45	
		18.55	16.25	14.55	12.90	11.41	10.03	69.1	2.00000	
	8.56	7.26	6.17	5.12	4.23	3.52	2.83	1.157	13	
8:	9.22	1	11.68	0.09	0.9		5	3110.4	32	
		22.91	20.21	18.12	16.12	14.27	12.32	84.9	2.00000	
	10.55	9.05	7.60	6.36	5.25	4.21	3.56	1.096	13	

*

	420N	400N ON	395N 420N	390N 11909N	380N 800	370N 4	360N 13:34:55	340N	320N	300N
1:	88.21	2	4.44	0.44	0.9		5	628.3	69	
		9.68	8.37	7.98	7.41	5.75	4.84	37.9	0.25000	
	4.13	3.72	3.31	2.20	1.85	1.69	1.14	6.372	10	
2:	54.89	-4	5.11	0.06	2.7		5	942.5	65	
		10.58	9.15	8.05	7.00	6.26	5.37	38.9	0.50000	
	4.61	3.81	3.15	2.67	2.19	1.76	1.45	1.490	13	
3:	61.96	2	4.64	0.02	4.5		5	754.0	58	
		9.64	8.29	7.36	6.49	5.68	4.89	34.9	1.00000	
	4.18	3.55	2.97	2.45	2.02	1.66	1.34	1.544	13	

D13_RAW.txt

4:	28.12	1	5.00	0.03	2.5		5	1256.7	44
		10.36	8.93	7.86	6.91	6.09	5.26	37.5	1.00000
	4.51	3.80	3.18	2.68	2.20	1.78	1.47	1.682	13
5:	23.29	5	6.18	0.08	0.8		5	1885.0	55
		12.61	10.91	9.74	8.64	7.52	6.49	46.4	1.00000
	5.58	4.77	4.07	3.28	2.69	2.26	1.84	1.669	13
6:	33.21	2	8.67	0.11	0.9		5	1508.0	63
		17.33	15.22	13.68	12.18	10.56	9.15	64.3	1.00000
	7.83	6.71	5.66	4.60	3.81	3.12	2.52	0.885	13
7:	13.18	-1	10.80	0.06	0.8		5	2513.4	41
		21.08	18.55	16.71	15.04	13.05	11.38	78.9	2.00000
	9.77	8.48	7.24	5.78	4.87	4.00	3.26	1.395	13
8:	6.22	1	13.02	0.02	0.9		5	3770.2	29
		25.43	22.42	19.89	17.66	15.71	13.67	93.2	2.00000
	11.77	9.94	8.31	7.06	5.84	4.62	3.85	1.150	13

*

	430N	420N ON	415N 430N	410N 11929N	400N 1050	390N 4	380N 13:38:20	360N	340N	320N
1:	307.28	-3	4.98	0.12	2.5		5	188.5	55	
		11.14	9.69	8.41	7.28	6.34	5.31	48.5	0.03125	
	4.44	3.68	2.91	2.47	1.99	1.65	1.24	1.690	13	
2:	142.32	1	4.23	0.00	3.2		5	377.0	51	
		8.62	7.37	6.56	5.82	5.09	4.45	31.4	1.00000	
	3.77	3.18	2.71	2.22	1.83	1.47	1.22	1.453	13	
3:	184.49	-1	5.08	0.01	3.5		5	377.0	66	
		10.30	8.92	7.95	7.02	6.19	5.35	37.8	1.00000	
	4.58	3.87	3.24	2.69	2.21	1.79	1.45	0.991	13	
4:	92.67	3	5.74	0.02	3.1		5	754.0	67	
		11.59	10.10	8.98	7.94	7.01	6.05	42.9	1.00000	
	5.19	4.39	3.66	3.06	2.52	2.07	1.66	0.987	13	
5:	43.20	5	5.58	0.03	1.3		5	1256.7	52	
		11.16	9.69	8.64	7.65	6.75	5.86	41.5	2.00000	
	5.04	4.28	3.62	3.03	2.52	2.06	1.70	1.478	13	
6:	38.26	-3	6.58	0.06	0.9		5	1099.6	40	
		13.21	11.53	10.24	9.06	8.03	6.92	48.9	2.00000	
	5.97	5.08	4.20	3.58	2.99	2.49	1.98	1.739	13	
7:	26.36	9	9.90	0.01	1.0		5	1979.3	50	
		19.42	17.09	15.26	13.52	12.01	10.40	71.9	2.00000	
	9.00	7.55	6.36	5.35	4.39	3.61	2.92	0.816	13	
8:	11.15	2	12.01	0.19	1.0		5	3110.4	33	
		22.99	20.12	18.19	16.25	14.38	12.63	87.0	4.00000	
	10.85	9.17	7.91	6.58	5.49	4.44	3.72	1.175	13	

*

	440N	420N ON	415N 440N	410N 11929N	400N 1050	390N 4	380N 13:40:55	360N	340N	320N
1:	103.96	-3	4.89	0.39	2.5		5	628.3	62	
		11.09	9.78	8.59	7.06	4.87	5.27	39.6	2.00000	
	5.39	4.78	3.26	3.07	2.38	1.77	1.69	12.078	11	
2:	55.92	1	4.58	0.06	3.2		5	942.5	50	
		8.89	7.64	6.87	6.17	5.74	4.79	33.8	4.00000	
	3.97	3.33	2.96	2.44	2.02	1.74	1.35	2.816	13	

D13_RAW.txt

3:	80.45	-2	5.48	0.02	3.5		5	754.0	58
		10.76	9.37	8.38	7.46	6.60	5.76	40.9	4.00000
	4.97	4.24	3.59	3.00	2.49	2.04	1.66	1.297	13
4:	44.01	3	6.26	0.04	3.1		5	1256.7	53
		12.25	10.74	9.61	8.51	7.43	6.59	46.8	4.00000
	5.76	4.94	4.11	3.47	2.87	2.32	1.93	1.469	13
5:	21.66	5	6.22	0.03	1.3		5	1885.0	39
		12.08	10.55	9.40	8.42	7.45	6.52	46.4	4.00000
	5.65	4.83	4.10	3.44	2.88	2.35	1.94	1.534	13
6:	20.64	-3	7.42	0.13	0.9		5	1508.0	30
		14.58	12.83	11.43	10.08	8.66	7.82	56.9	8.00000
	6.95	6.02	4.95	4.25	3.43	2.84	2.35	2.351	13
7:	15.31	9	10.90	0.01	1.1		5	2513.4	37
		21.18	18.71	16.68	14.85	13.04	11.45	79.4	4.00000
	10.01	8.50	7.03	5.94	4.90	3.97	3.32	1.388	13
8:	7.00	2	13.29	0.51	1.0		5	3770.2	25
		25.08	21.87	19.66	17.94	16.73	14.02	94.3	4.00000
	11.50	9.77	8.50	7.07	5.84	5.04	3.89	2.643	13

*

	450N	440N ON	435N 450N	430N 11949N	420N 1050	410N 4	400N 13:43:46	380N	360N	340N
1:	396.91	-4	7.01	0.00	3.0		5	188.5	71	
		13.83	12.27	11.12	9.88	8.70	7.23	53.9	0.25000	
	6.44	5.13	4.26	3.63	2.71	2.35	1.72	3.350	13	
2:	215.81	3	6.68	0.00	3.1		5	377.0	77	
		13.91	12.09	10.70	9.38	8.18	7.10	52.8	0.25000	
	5.96	5.05	4.20	3.43	2.85	2.26	1.85	1.159	13	
3:	218.84	1	6.48	0.00	3.0		5	377.0	79	
		13.17	11.49	10.26	9.05	7.94	6.82	49.2	0.50000	
	5.84	4.90	4.09	3.40	2.77	2.26	1.81	0.665	13	
4:	72.16	-0	5.31	0.05	4.6		5	754.0	52	
		10.32	9.03	8.09	7.23	6.40	5.51	39.2	2.00000	
	4.85	4.10	3.44	2.86	2.38	1.98	1.57	1.319	13	
5:	40.64	6	5.97	0.08	2.9		5	1256.7	49	
		11.45	10.04	9.02	8.07	7.15	6.26	45.4	8.00000	
	5.44	4.63	3.96	3.31	2.77	2.26	1.85	1.286	13	
6:	35.33	-3	7.16	0.00	1.1		5	1099.6	37	
		13.15	11.69	10.67	9.51	8.57	7.41	53.6	8.00000	
	6.58	5.55	4.69	3.95	3.25	2.75	2.16	1.159	13	
7:	12.22	3	8.79	0.06	1.1		5	1979.3	23	
		16.20	14.46	13.12	11.78	10.70	9.14	63.4	4.00000	
	8.03	6.64	5.61	4.73	3.86	3.29	2.53	1.587	13	
8:	9.74	12	11.94	0.26	1.3		5	3110.4	29	
		23.26	20.57	18.42	16.44	14.47	12.55	86.8	2.00000	
	10.89	9.31	7.89	6.51	5.44	4.41	3.56	1.077	13	

*

	460N	440N ON	435N 460N	430N 11949N	420N 800	410N 4	400N 13:47:21	380N	360N	340N
1:	94.72	-3	6.17	1.04	3.0		5	628.3	74	
		15.93	13.16	12.09	10.65	9.43	6.64	146.6	0.00024	
	5.31	4.79	4.08	2.70	2.72	1.66	1.28	6.682	7	

D13_RAW.txt

2:	59.53	3	7.51	0.13	3.1		5	942.5	70
		14.31	12.68	11.22	9.93	8.82	7.91	54.5	4.00000
	6.76	5.64	4.70	4.06	3.28	2.77	2.24	1.641	13
3:	67.42	1	7.19	0.05	3.0		5	754.0	64
		14.33	12.57	11.26	10.01	8.85	7.57	53.4	1.00000
	6.50	5.51	4.65	3.82	3.19	2.57	2.07	0.763	13
4:	24.50	0	6.11	0.20	4.5		5	1256.7	38
		12.06	10.54	9.54	8.59	7.69	6.42	46.4	4.00000
	5.56	4.80	4.09	3.33	2.91	2.37	1.89	1.822	13
5:	14.86	5	7.40	0.12	2.8		5	1885.0	35
		13.52	11.96	10.84	9.73	8.66	7.73	57.5	16.00000
	6.72	5.76	4.93	4.14	3.42	2.90	2.34	1.061	13
6:	13.87	-3	8.36	0.15	1.1		5	1508.0	26
		16.25	14.29	12.91	11.64	10.44	8.79	61.8	2.00000
	7.62	6.58	5.55	4.49	3.91	3.08	2.49	1.624	13
7:	5.35	3	10.03	0.02	1.1		5	2513.4	17
		20.23	17.72	15.87	14.11	12.88	10.53	74.7	1.00000
	9.41	7.77	6.55	5.23	4.72	3.46	2.93	2.691	13
8:	4.62	12	14.08	0.53	1.3		5	3770.2	22
		26.45	23.81	21.08	19.03	16.95	14.73	101.2	4.00000
	12.92	10.92	9.31	7.64	6.41	5.31	4.26	0.968	13

*

	470N	460N ON	455N 470N	450N 11969N	440N 800	430N 4	420N 13:50:15	400N	380N	360N
1:	252.63	-2	5.11	0.21	2.4		5	188.5	60	
		10.41	8.95	8.15	7.02	6.03	5.36	47.3	0.03125	
	4.39	4.06	3.44	2.06	2.08	1.37	1.21	8.589	13	
2:	132.36	2	5.73	0.09	2.7		5	377.0	62	
		12.06	10.42	9.25	8.20	7.23	6.03	43.6	1.00000	
	5.28	4.36	3.65	3.19	2.59	2.08	1.67	2.092	13	
3:	132.00	1	7.13	0.02	3.2		5	377.0	62	
		14.26	12.48	11.16	9.84	8.66	7.50	52.7	1.00000	
	6.41	5.46	4.58	3.74	3.13	2.52	2.05	0.796	13	
4:	71.44	1	8.63	0.01	3.3		5	754.0	67	
		16.67	14.74	13.25	11.77	10.44	9.08	62.9	2.00000	
	7.82	6.68	5.62	4.64	3.86	3.12	2.54	0.675	13	
5:	34.58	8	8.90	0.01	1.4		5	1256.7	54	
		16.98	15.04	13.53	12.07	10.72	9.34	65.2	4.00000	
	8.08	6.90	5.84	4.87	4.04	3.30	2.68	0.636	13	
6:	22.00	-5	8.65	0.11	1.0		5	1099.6	30	
		15.74	14.02	12.78	11.41	10.11	9.03	66.9	16.00000	
	7.86	6.95	5.89	4.71	4.14	3.27	2.73	1.785	13	
7:	8.53	4	10.64	0.16	0.9		5	1979.3	21	
		19.66	17.56	15.87	14.19	12.70	11.20	79.5	8.00000	
	9.79	8.63	7.34	5.84	5.05	3.95	3.37	2.086	13	
8:	3.60	6	12.51	0.17	0.9		5	3110.4	14	
		23.38	20.87	18.93	16.70	14.88	13.14	102.4	32.00000	
	11.57	9.97	8.48	7.15	6.38	5.19	4.35	2.354	13	

*

	480N	460N ON	455N 480N	450N 11969N	440N 800	430N 4	420N 13:52:42	400N	380N	360N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D13_RAW.txt

1:	98.36	-2	7.59	0.00	2.4		5	628.3	77
		15.43	14.20	12.71	10.63	9.12	7.74	60.1	8.00000
	6.85	6.18	4.98	4.30	3.85	2.97	2.82	6.116	13
2:	60.02	2	7.19	0.32	2.7		5	942.5	71
		15.40	13.28	11.86	10.41	9.19	7.37	55.5	1.00000
	6.91	5.74	5.03	3.89	3.02	2.73	2.22	3.864	13
3:	67.14	1	8.98	0.00	3.2		5	754.0	63
		17.49	15.52	13.93	12.36	10.89	9.42	66.2	4.00000
	8.16	6.93	5.86	4.88	4.05	3.33	2.76	1.247	13
4:	39.87	1	10.57	0.02	3.3		5	1256.7	63
		20.01	17.89	16.15	14.42	12.77	11.10	77.5	4.00000
	9.62	8.20	6.97	5.82	4.84	4.02	3.27	0.868	13
5:	20.52	8	10.93	0.02	1.3		5	1885.0	48
		20.48	18.33	16.54	14.80	13.15	11.47	79.5	4.00000
	9.94	8.50	7.19	6.02	4.96	4.11	3.35	0.746	13
6:	13.91	-5	10.86	0.03	1.1		5	1508.0	26
		20.07	18.20	16.50	14.81	13.08	11.32	89.2	32.00000
	9.98	8.61	7.39	6.22	5.24	4.37	3.72	1.612	13
7:	5.82	4	12.77	0.02	0.9		5	2513.4	18
		24.18	21.87	19.69	17.56	15.59	13.37	99.8	16.00000
	11.72	10.22	8.69	7.39	6.17	5.06	4.30	1.584	13
8:	2.64	6	14.58	0.26	0.9		5	3770.2	12
		27.24	24.39	22.02	20.09	17.87	15.47	107.7	8.00000
	13.02	11.40	9.87	7.96	6.63	5.66	4.89	2.337	13

*

	490N	480N ON	475N 490N	470N 11989N	460N 800	450N 4	440N 13:55:37	420N	400N	380N
1:	166.23	-4	4.98	0.25	1.1		5	188.5	39	
		9.37	7.62	7.00	6.61	5.81	5.24	35.8	4.00000	
	4.29	3.74	3.55	2.54	2.36	1.45	1.56	8.132	13	
2:	105.24	-1	5.60	0.07	3.1		5	377.0	50	
		11.15	9.82	8.78	7.74	6.77	5.87	41.5	1.00000	
	5.03	4.22	3.57	2.98	2.39	2.01	1.58	0.944	13	
3:	132.79	6	6.74	0.00	4.8		5	377.0	63	
		13.30	11.67	10.46	9.25	8.20	7.09	49.7	2.00000	
	6.09	5.19	4.40	3.64	3.02	2.46	2.01	0.855	13	
4:	85.34	1	9.17	0.03	3.2		5	754.0	80	
		17.60	15.59	14.02	12.47	11.06	9.64	67.4	4.00000	
	8.31	7.08	6.03	5.00	4.20	3.43	2.82	0.847	13	
5:	39.18	7	11.04	0.04	1.7		5	1256.7	62	
		20.97	18.69	16.80	14.96	13.29	11.61	80.5	4.00000	
	9.98	8.52	7.28	6.09	5.05	4.14	3.37	0.736	13	
6:	37.48	-1	13.00	0.09	1.3		5	1099.6	52	
		23.94	21.38	19.36	17.29	15.48	13.59	95.3	8.00000	
	11.71	10.12	8.66	7.15	6.09	4.89	4.05	0.903	13	
7:	9.30	1	13.15	0.11	0.9		5	1979.3	23	
		23.57	21.18	19.26	17.33	15.64	13.71	104.4	32.00000	
	11.91	10.32	8.96	7.37	6.28	5.06	4.32	1.110	13	
8:	4.14	8	15.40	0.38	1.4		5	3110.4	16	
		27.82	24.81	22.38	19.86	17.95	15.95	120.0	32.00000	
	13.69	12.29	10.29	8.51	7.45	5.95	4.88	1.815	13	

D13_RAW.txt

*

	500N	480N ON	475N 500N	470N 11989N	460N 800	450N 4	440N 13:58:05	420N	400N	380N
1:	67.42		-3	7.42	0.69	1.1		5	628.3	53
	6.80	15.23	4.31	11.92	9.46	9.84	8.50	8.35	77.3	256.00000
				2.26	5.75	3.16	2.93	1.76	17.516	9
2:	49.27		-1	8.10	0.04	3.0		5	942.5	58
	7.33	15.30	6.44	13.65	12.42	11.05	9.79	8.46	61.6	8.00000
				5.56	4.38	3.79	3.12	2.62	1.748	13
3:	68.13		6	9.49	0.07	4.8		5	754.0	64
	8.62	17.87	7.31	15.88	14.31	12.80	11.36	9.96	71.1	8.00000
				6.15	5.27	4.40	3.67	3.03	1.290	13
4:	47.49		1	12.28	0.07	3.2		5	1256.7	75
	11.17	22.70	9.50	20.30	18.31	16.46	14.60	12.90	94.0	16.00000
				8.06	6.90	5.79	4.82	4.04	1.307	13
5:	22.82		7	14.24	0.04	1.8		5	1885.0	54
	12.97	26.22	11.09	23.56	21.32	19.13	17.02	14.95	107.8	16.00000
				9.39	7.93	6.68	5.52	4.53	0.873	13
6:	22.97		-1	16.46	0.13	1.3		5	1508.0	43
	15.00	29.74	12.61	26.69	24.13	21.85	19.46	17.27	122.7	16.00000
				10.58	9.34	7.72	6.46	5.39	1.552	13
7:	6.12		2	16.86	0.19	0.9		5	2513.4	19
	15.35	29.62	12.90	26.76	24.18	21.97	19.64	17.68	129.9	32.00000
				10.78	9.46	7.94	6.62	5.60	1.521	13
8:	2.90		7	19.44	0.28	1.4		5	3770.2	14
	17.58	34.07	14.81	30.91	27.73	25.15	22.31	20.28	139.8	16.00000
				12.21	10.43	8.89	7.44	6.17	1.600	13

*

	510N	500N ON	495N 510N	490N 12009N	480N 800	470N 4	460N 14:00:59	440N	420N	400N
1:	176.79		1	7.04	0.07	2.7		5	188.5	42
	6.80	13.79	6.17	12.28	11.56	9.81	9.15	7.37	58.5	16.00000
				4.99	4.01	3.27	2.98	2.53	4.071	13
2:	121.58		4	9.07	0.00	2.5		5	377.0	57
	8.07	16.97	6.80	15.13	13.56	12.19	10.70	9.52	65.7	4.00000
				5.82	5.00	4.18	3.33	2.72	1.386	13
3:	117.94		2	10.33	0.07	2.7		5	377.0	56
	9.48	18.96	8.26	17.02	15.53	13.83	12.46	10.81	84.6	32.00000
				6.97	5.91	4.95	4.13	3.47	1.128	13
4:	56.87		0	12.72	0.01	3.6		5	754.0	54
	11.64	22.94	10.12	20.72	18.88	16.90	15.21	13.31	109.1	64.00000
				8.66	7.39	6.25	5.22	4.38	1.107	13
5:	35.98		9	15.00	0.04	1.9		5	1256.7	57
	13.63	26.88	11.73	24.32	22.10	19.83	17.83	15.73	119.0	32.00000
				10.11	8.63	7.25	6.07	5.05	1.032	13
6:	39.35		1	18.63	0.08	1.2		5	1099.6	54
	16.99	33.19	14.71	30.15	27.51	24.68	22.18	19.52	153.4	64.00000
				12.64	10.78	9.08	7.58	6.29	0.808	13
7:	13.79		4	22.59	0.06	1.5		5	1979.3	34
	20.60	39.44	17.79	36.03	32.93	29.71	26.84	23.65	181.1	64.00000
				15.22	12.98	10.92	9.20	7.81	0.923	13

D13_RAW.txt

8:	3.96	6	24.49	0.09	1.5		5	3110.4	15
	21.12	42.13	38.58	34.00	31.30	27.38	25.62	170.2	16.00000
		17.37	15.57	14.01	12.12	8.83	7.29	4.102	13
*									
520N	500N	495N	490N	480N	470N	460N	440N	420N	400N
	ON	520N	12009N	800	4		14:03:36		
1:	61.27	1	18.56	0.56	2.7		5	628.3	48
	17.69	33.02	30.03	27.48	25.60	21.52	19.52	143.9	32.00000
		14.78	12.51	10.45	8.34	6.40	6.97	6.133	13
2:	47.78	4	20.57	0.04	2.6		5	942.5	56
	18.59	35.46	32.31	29.61	26.55	24.28	21.41	191.7	256.00000
		16.33	14.13	12.03	10.40	8.95	7.00	1.634	13
3:	50.83	2	22.55	0.23	2.7		5	754.0	48
	20.73	38.70	35.42	32.51	29.57	26.33	23.52	192.8	128.00000
		17.94	15.46	13.14	11.08	9.25	8.01	1.048	13
4:	26.43	0	25.28	0.21	3.6		5	1256.7	42
	23.20	42.94	39.51	36.34	33.03	29.59	26.37	227.9	256.00000
		20.18	17.48	14.82	12.56	10.54	9.00	0.603	13
5:	17.59	9	27.60	0.13	1.8		5	1885.0	41
	25.27	46.75	43.09	39.65	35.99	32.44	28.82	244.9	256.00000
		22.13	19.05	16.30	13.71	11.63	9.64	0.297	13
6:	20.19	1	31.43	0.20	1.2		5	1508.0	38
	28.78	53.10	49.10	45.29	41.07	36.84	32.81	271.2	256.00000
		25.08	21.68	18.41	15.50	13.02	11.02	0.528	13
7:	7.63	3	35.18	0.27	1.5		5	2513.4	24
	32.25	58.85	54.60	50.47	45.88	41.27	36.73	296.1	256.00000
		28.21	24.39	20.72	17.25	14.67	12.34	0.590	13
8:	2.38	6	36.74	0.01	1.5		5	3770.2	11
	32.42	59.19	55.18	51.42	45.94	43.56	38.14	409.6	4096.00000
		29.67	26.27	22.17	19.62	17.35	12.37	3.846	13
*									
530N	520N	515N	510N	500N	490N	480N	460N	440N	420N
	ON	530N	12029N	900	4		14:44:12		
1:	137.91	5	25.40	0.28	1.0		5	188.5	29
	23.30	42.31	39.04	36.25	32.78	29.50	26.44	322.1	4096.00000
		20.35	17.88	15.83	13.85	11.55	9.38	1.745	13
2:	86.41	1	28.55	0.02	2.7		5	377.0	36
	26.42	47.23	43.43	40.00	36.52	33.19	29.70	349.2	4096.00000
		23.15	20.25	17.48	15.03	12.84	11.04	1.083	13
3:	90.27	7	34.82	0.11	4.4		5	377.0	38
	32.08	58.08	53.52	49.26	44.82	40.67	36.27	368.8	2048.00000
		28.12	24.49	21.17	18.16	15.44	13.04	0.703	13
4:	42.09	8	39.50	0.00	2.9		5	754.0	35
	36.38	65.54	60.64	55.97	50.87	46.19	41.17	401.1	2048.00000
		31.86	27.73	23.96	20.52	17.47	14.74	0.576	13
5:	21.62	8	41.83	0.13	1.1		5	1256.7	30
	38.54	68.64	63.77	58.93	53.78	48.88	43.59	446.9	4096.00000
		33.76	29.45	25.45	21.78	18.59	15.77	0.490	13
6:	20.43	-0	44.59	0.10	0.9		5	1099.6	25
	41.07	71.93	67.52	62.84	57.17	52.10	46.46	463.9	4096.00000
		36.09	31.47	27.21	23.30	19.87	16.55	0.528	13

D13_RAW.txt

7:	10.34	7	48.22	0.24	1.2		5	1979.3	23
			76.79	72.52	67.61	61.74	56.21	50.20	484.6 4096.00000
	44.51	38.92	33.90	29.27	25.01	21.29	18.03	0.665	13

8:	4.39	7	50.36	0.00	1.2		5	3110.4	15
			76.26	72.20	66.55	62.80	57.68	52.24	496.1 4096.00000
	46.47	40.84	36.25	31.00	26.37	22.79	20.72	4.331	13

*

540N	520N	515N	510N	500N	490N	480N	460N	440N	420N
	ON	540N	12029N	900	4	14:46:45			

1:	45.26	5	39.64	0.64	1.0		5	628.3	32
			66.86	59.40	54.47	50.68	44.92	41.14	433.9 4096.00000
	36.47	34.07	29.25	23.25	20.64	18.55	15.07	3.059	13

2:	34.05	1	41.45	0.24	2.7		5	942.5	36
			67.76	63.02	58.39	53.28	48.44	43.21	444.6 4096.00000
	38.17	33.30	28.91	25.39	21.77	18.42	15.84	0.900	13

3:	40.67	7	46.25	0.04	4.4		5	754.0	34
			76.87	71.00	65.60	59.80	54.18	48.24	443.9 2048.00000
	42.55	37.35	32.47	27.93	24.02	20.42	17.28	0.599	13

4:	21.16	8	49.66	0.11	3.0		5	1256.7	30
			81.72	75.88	70.20	64.13	58.16	51.80	462.9 2048.00000
	45.63	39.98	34.73	29.93	25.72	21.90	18.49	0.540	13

5:	11.62	8	50.93	0.26	1.0		5	1885.0	24
			82.36	77.11	71.69	65.49	59.50	53.09	499.9 4096.00000
	46.74	40.90	35.52	30.68	26.35	22.32	19.00	0.599	13

6:	11.86	-0	51.63	0.14	0.9		5	1508.0	20
			82.74	77.62	72.59	66.66	60.62	54.08	505.0 4096.00000
	47.52	42.15	36.55	31.20	26.92	23.02	19.29	0.763	13

7:	6.59	7	53.22	0.53	1.2		5	2513.4	18
			83.26	79.37	74.62	68.28	62.42	55.56	510.7 4096.00000
	48.74	42.66	37.01	31.98	27.52	23.17	19.74	1.184	13

8:	3.11	7	53.33	1.62	1.2		5	3770.2	13
			78.54	79.23	76.47	68.31	64.01	56.20	508.3 4096.00000
	48.67	39.87	33.74	33.60	27.66	22.09	20.56	5.139	13

*

550N	540N	535N	530N	520N	510N	500N	480N	460N	440N
	ON	550N	12049N	900	4	14:49:39			

1:	126.47	-4	4.82	0.14	2.3		5	188.5	26
			12.49	10.48	8.88	6.80	6.44	5.09	106.5 0.00024
	4.39	3.12	2.80	2.01	1.53	1.60	1.02	7.872	13

2:	104.34	2	6.73	0.05	2.4		5	377.0	44
			13.87	11.93	10.55	9.40	8.15	7.10	50.4 1.00000
	6.07	5.20	4.35	3.64	3.00	2.39	1.95	1.510	13

3:	122.57	4	19.37	0.09	2.8		5	377.0	51
			33.55	30.46	27.80	25.10	22.74	20.19	218.3 1024.00000
	17.82	15.57	13.51	11.65	10.00	8.59	7.26	1.536	13

4:	44.00	8	47.89	0.09	3.2		5	754.0	37
			77.80	72.30	66.96	61.24	55.84	49.87	484.3 4096.00000
	44.13	38.86	33.84	29.21	25.10	21.44	18.24	0.732	13

5:	24.83	13	51.74	0.02	1.7		5	1256.7	35
			85.28	79.15	73.10	66.67	60.59	53.97	474.4 2048.00000
	47.59	41.74	36.24	31.23	26.76	22.69	19.26	0.432	13

D13_RAW.txt

6:	21.54	6	54.11	0.19	1.1		5	1099.6	26
		87.93	82.05	76.00	69.31	63.28	56.39	485.9	2048.00000
	49.75	43.72	37.83	32.47	27.80	23.69	20.09	0.483	13
7:	8.47	5	54.04	0.49	0.9		5	1979.3	19
		85.16	80.58	75.29	69.03	63.25	56.30	482.9	2048.00000
	49.67	43.68	37.68	32.22	27.45	23.32	19.53	1.099	13
8:	5.08	12	52.52	0.00	1.2		5	3110.4	18
		80.30	76.53	72.06	67.86	61.09	54.90	505.6	4096.00000
	47.79	43.32	36.58	32.05	27.38	21.87	19.47	2.461	13

*

	560N	540N ON	535N 560N	530N 12049N	520N 1221	510N 4	500N 14:52:35	480N	460N	440N
1:	77.95	-4	6.10	0.58	2.3		5	628.3	40	
		14.04	11.36	9.63	9.22	9.16	6.94	60.0	0.03125	
	5.03	4.43	3.50	3.28	1.89	1.24	1.00	7.944	10	
2:	72.73	2	8.95	0.15	2.4		5	942.5	56	
		18.11	15.73	13.91	12.16	10.55	9.37	66.0	2.00000	
	8.14	6.82	5.86	4.82	4.12	3.40	2.74	2.546	13	
3:	91.11	4	22.19	0.07	2.8		5	754.0	56	
		38.09	34.75	31.87	28.91	26.23	23.18	244.2	1024.00000	
	20.47	17.95	15.52	13.45	11.51	9.87	8.40	1.358	13	
4:	34.67	9	53.03	0.05	3.1		5	1256.7	36	
		85.49	79.99	74.23	68.04	61.75	55.19	513.7	4096.00000	
	49.08	43.22	37.65	32.40	27.96	23.86	20.36	1.036	13	
5:	20.93	13	55.46	0.07	1.6		5	1885.0	32	
		91.00	84.83	78.40	71.65	64.57	57.79	525.5	4096.00000	
	51.22	44.86	39.02	33.51	28.84	24.54	20.71	0.535	13	
6:	19.28	6	56.06	0.00	1.1		5	1508.0	24	
		91.10	85.40	79.25	72.55	65.74	58.42	496.9	2048.00000	
	51.75	45.46	39.32	33.64	28.85	24.55	20.82	0.550	13	
7:	8.22	5	53.55	0.13	0.9		5	2513.4	17	
		84.59	80.42	75.14	69.11	62.84	55.82	513.7	4096.00000	
	49.42	43.63	37.57	32.05	27.57	23.52	19.88	1.042	13	
8:	5.35	12	49.53	0.37	1.2		5	3770.2	17	
		78.80	75.49	70.83	64.70	56.35	51.69	493.9	4096.00000	
	46.57	40.33	34.87	29.58	26.15	22.29	18.61	1.600	13	

*

	570N	560N ON	555N 570N	550N 12069N	540N 900	530N 4	520N 14:55:52	500N	480N	460N
1:	219.34	-10	3.35	0.08	1.9		5	188.5	46	
		7.13	6.16	5.84	5.37	4.47	3.56	39.9	0.00781	
	3.30	2.55	2.19	1.57	1.34	0.95	0.74	7.222	13	
2:	136.57	1	1.53	0.06	2.1		5	377.0	57	
		4.55	3.55	2.90	2.32	1.94	1.64	32.1	0.00024	
	1.20	0.99	0.73	0.57	0.33	0.25	0.15	20.011	11	
3:	116.62	-10	1.94	0.00	2.5		5	377.0	49	
		5.22	4.06	3.48	3.01	2.48	2.01	38.4	0.00024	
	1.69	1.32	1.03	0.75	0.52	0.36	0.22	24.585	13	
4:	57.65	-2	8.92	0.01	2.7		5	754.0	48	
		18.91	16.09	14.17	12.48	10.87	9.33	70.2	0.25000	
	8.05	6.73	5.64	4.63	3.79	3.03	2.49	1.633	13	

D13_RAW.txt

5:	36.31	11	24.67	0.00	1.2		5	1256.7	51
		42.07	38.50	35.38	32.16	29.02	25.83	289.4	2048.00000
	22.69	19.98	17.37	14.94	12.93	11.09	9.37	1.319	13
6:	23.19	13	58.78	0.17	1.2		5	1099.6	28
		95.11	89.27	83.02	76.23	69.15	61.49	544.0	4096.00000
	54.25	48.25	41.77	35.66	31.21	26.69	22.28	0.977	13
7:	8.86	13	57.80	0.47	1.4		5	1979.3	19
		94.08	88.58	82.29	75.71	68.59	60.57	507.2	2048.00000
	53.06	47.34	40.65	34.64	30.37	25.63	21.17	1.025	13
8:	4.14	8	52.62	0.00	1.1		5	3110.4	14
		83.54	79.92	74.24	67.48	61.93	56.02	510.8	4096.00000
	47.83	42.68	36.59	31.96	28.09	23.73	19.63	1.519	13

*

	580N	560N ON	555N 580N	550N 12069N	540N 900	530N 4	520N 14:58:12	500N	480N	460N
1:	71.89		-9	3.74	0.05	1.9		5	628.3	50
			8.33	7.04	6.52	7.32	6.18	3.68	39.6	0.03125
	3.72		3.33	2.50	2.13	1.42	1.41	0.88	12.926	13
2:	51.64		1	2.19	0.12	2.2		5	942.5	54
			6.01	4.68	3.90	2.83	2.42	2.35	45.8	0.00024
	1.70		1.44	1.28	0.71	0.57	0.34	0.29	13.128	10
3:	49.09		-10	3.10	0.11	2.5		5	754.0	41
			7.63	6.08	5.24	4.99	4.25	3.29	69.2	0.00024
	2.75		2.21	1.92	1.46	0.99	0.90	0.68	6.025	13
4:	26.56		-2	10.51	0.00	2.7		5	1256.7	37
			22.01	18.78	16.59	15.33	13.43	11.04	79.8	0.50000
	9.41		7.76	6.87	5.59	4.36	3.71	3.06	2.527	13
5:	17.00		11	28.53	0.10	1.2		5	1885.0	36
			47.74	44.26	40.78	36.66	32.94	29.69	320.6	2048.00000
	26.24		23.24	19.71	17.36	15.07	12.69	10.69	1.281	13
6:	11.35		13	69.07	0.47	1.2		5	1508.0	19
			110.10	104.62	97.23	86.97	78.69	71.67	586.5	4096.00000
	64.05		57.07	47.79	41.70	36.84	30.41	25.32	1.480	13
7:	4.97		13	63.17	0.56	1.3		5	2513.4	14
			102.01	97.16	89.87	80.05	72.08	65.56	529.5	2048.00000
	58.44		52.16	43.26	37.73	33.35	27.18	22.46	1.761	13
8:	2.65		8	54.03	1.06	1.1		5	3770.2	11
			87.16	84.08	77.41	64.19	58.63	56.40	452.4	1024.00000
	49.83		44.18	36.19	32.51	29.36	22.58	18.67	3.962	13

*

	590N	580N ON	575N 590N	570N 12089N	560N 800	550N 4	540N 15:01:15	520N	500N	480N
1:	243.91		-10	3.01	0.07	2.4		5	188.5	57
			7.68	6.18	5.85	5.04	4.33	3.26	35.6	0.01563
	2.87		2.52	1.94	1.73	1.26	1.10	0.79	4.550	13
2:	139.15		-0	4.03	0.02	2.7		5	377.0	66
			8.50	7.30	6.41	5.60	4.89	4.25	32.0	0.25000
	3.59		3.02	2.51	2.08	1.73	1.37	1.09	1.433	13
3:	141.00		-8	4.24	0.06	2.5		5	377.0	66
			9.23	7.87	6.87	6.10	5.28	4.52	36.0	0.12500
	3.82		3.28	2.68	2.19	1.82	1.42	1.11	1.747	13

D13_RAW.txt

4:	58.22	-6	3.99	0.17	2.4		5	754.0	55
		9.52	7.98	7.02	6.18	5.22	4.31	44.6	0.01563
	3.61	3.26	2.59	2.12	1.78	1.29	0.91	5.299	13
5:	25.34	-4	4.41	0.38	0.8		5	1256.7	40
		10.54	8.71	7.59	6.86	5.76	4.76	39.6	0.12500
	4.06	3.69	2.89	2.34	2.11	1.43	1.01	4.124	11
6:	23.62	0	18.30	0.70	0.8		5	1099.6	32
		35.22	31.42	28.57	25.55	22.64	19.29	156.4	64.00000
	16.75	14.47	12.69	10.78	9.04	7.86	6.95	3.906	13
7:	6.31	18	72.75	3.06	1.7		5	1979.3	16
		110.98	106.16	99.08	87.90	80.88	74.39	589.6	4096.00000
	66.47	54.63	49.28	42.45	34.22	30.26	26.90	2.593	13
8:	3.10	16	62.05	3.26	1.8		5	3110.4	12
		94.32	89.83	82.57	73.43	68.03	63.53	477.2	1024.00000
	55.91	45.05	40.62	34.53	27.94	24.67	22.00	3.116	13

*

	600N	580N ON	575N 600N	570N 12089N	560N 800	550N 4	540N 15:06:45	520N	500N	480N
1:	105.27	-7	4.04	0.52	2.3		6	628.3	83	
		8.30	7.09	6.00	5.41	5.08	4.22	33.5	16.00000	
	3.69	3.20	3.12	2.49	1.75	1.06	0.93	5.831	9	
2:	68.06	-3	4.39	0.16	2.6		6	942.5	80	
		9.37	7.99	7.10	6.18	5.35	4.61	35.1	0.25000	
	3.93	3.30	2.78	2.18	1.81	1.59	1.24	2.687	13	
3:	74.73	-8	4.65	0.11	2.5		6	754.0	70	
		10.01	8.49	7.48	6.54	5.73	4.90	36.9	0.25000	
	4.14	3.37	2.89	2.38	1.98	1.61	1.26	1.851	13	
4:	33.61	-6	4.33	0.36	2.4		6	1256.7	53	
		10.15	8.29	7.20	6.22	5.41	4.60	42.2	0.03125	
	3.81	3.16	2.85	2.02	1.62	1.37	0.94	3.831	10	
5:	15.46	-4	5.00	0.59	0.8		6	1885.0	36	
		11.50	9.34	8.10	6.97	6.20	5.35	51.9	0.01563	
	4.26	3.44	3.08	2.27	1.94	1.64	1.15	3.283	9	
6:	14.88	0	20.29	0.32	0.8		6	1508.0	28	
		37.29	33.28	30.20	26.90	24.31	21.49	158.7	32.00000	
	18.57	16.37	14.71	11.74	10.11	7.92	6.95	2.349	13	
7:	3.99	17	80.76	6.35	1.6		6	2513.4	13	
		127.20	122.63	113.81	105.37	93.86	84.08	633.4	4096.00000	
	77.10	68.19	57.83	50.27	41.05	34.39	31.44	2.393	12	
8:	2.20	16	62.44	5.05	1.8		6	3770.2	10	
		101.69	97.76	90.99	83.28	72.87	64.53	476.4	512.00000	
	60.32	55.48	45.15	38.72	30.85	25.69	23.45	3.793	12	

*

	610N	600N ON	595N 610N	590N 12109N	580N 800	570N 4	560N 15:10:02	540N	520N	500N
1:	209.54	-0	4.11	0.13	0.8		5	188.5	49	
		8.56	7.31	6.43	5.72	5.13	4.37	34.0	0.12500	
	3.73	3.30	2.57	2.01	1.71	1.30	1.00	3.859	13	
2:	108.75	-7	4.13	0.03	3.4		5	377.0	51	
		8.59	7.38	6.56	5.77	5.04	4.32	31.5	0.50000	
	3.73	3.09	2.58	2.14	1.76	1.43	1.13	1.174	13	

D13_RAW.txt

3:	112.69	-0	3.94	0.01	5.1		5	377.0	53
		8.51	7.25	6.42	5.62	4.87	4.16	31.8	0.25000
	3.55	2.99	2.51	2.06	1.71	1.39	1.06	1.731	13
4:	88.01	-9	4.63	0.01	2.8		5	754.0	83
		9.98	8.53	7.52	6.58	5.77	4.89	35.9	0.50000
	4.11	3.51	2.93	2.37	2.07	1.65	1.30	2.387	13
5:	41.30	1	5.11	0.03	0.9		5	1256.7	65
		11.60	9.92	8.75	7.52	6.50	5.40	40.9	0.50000
	4.54	3.93	3.23	2.62	2.44	2.07	1.45	5.569	13
6:	29.43	-20	4.97	0.09	0.5		5	1099.6	40
		13.08	11.08	9.67	8.06	6.85	5.27	49.4	0.06250
	4.18	3.93	3.03	2.19	2.69	2.19	1.53	13.234	13
7:	9.40	5	20.47	0.85	1.1		5	1979.3	23
		39.29	35.06	31.66	27.66	24.79	21.54	154.3	16.00000
	18.88	16.69	13.97	11.85	9.75	8.26	6.80	1.771	13
8:	2.45	23	94.48	2.53	1.4		5	3110.4	10
		121.74	116.69	107.87	103.94	95.47	97.48	640.8	4096.00000
	85.91	69.04	63.03	55.79	37.97	35.83	32.04	8.355	13

*

	620N	600N ON	595N 620N	590N 12109N	580N 800	570N 4	560N 15:12:28	540N	520N	500N
1:	81.05		0	4.57	0.06	0.8		6	628.3	64
			9.45	8.12	7.11	6.17	5.52	4.83	34.7	0.50000
	4.11		3.37	2.90	2.38	1.97	1.68	1.20	2.916	13
2:	47.87		-7	4.65	0.04	3.4		6	942.5	56
			9.77	8.40	7.45	6.52	5.68	4.89	35.7	0.50000
	4.20		3.54	2.94	2.42	2.02	1.63	1.28	1.397	13
3:	55.67		-0	4.54	0.06	5.1		6	754.0	52
			9.83	8.39	7.37	6.40	5.52	4.77	36.4	0.25000
	4.12		3.47	2.85	2.32	1.99	1.56	1.24	1.910	13
4:	48.03		-9	5.09	0.18	2.8		6	1256.7	75
			11.30	9.61	8.37	7.11	6.09	5.32	42.9	0.12500
	4.62		3.91	3.14	2.50	2.24	1.70	1.35	3.016	13
5:	23.95		1	5.25	0.47	0.8		6	1885.0	56
			12.66	10.66	9.14	7.37	6.09	5.36	61.7	0.00781
	4.85		4.02	3.07	2.19	2.26	1.42	1.07	4.758	9
6:	18.36		-20	4.18	1.36	0.5		6	1508.0	35
			13.40	10.80	8.67	5.87	4.17	3.97		
	4.14		3.30	1.84	0.68	1.80	0.34	0.08		99
7:	6.12		4	22.57	0.26	1.0		6	2513.4	19
			40.91	37.09	33.15	28.92	26.50	23.49	196.1	128.00000
	20.88		18.47	15.56	14.12	11.49	9.29	7.98	2.608	13
8:	1.52		23	126.31	17.23	1.4		6	3770.2	7
			167.16	162.03	160.44	170.20	164.29	139.63	753.4	4096.00000
	110.95		99.82	97.18	93.61	61.57	65.93	57.11	12.945	10

*

	630N	620N ON	615N 630N	610N 12129N	600N 800	590N 4	580N 15:15:42	560N	540N	520N
1:	215.97		-3	3.77	0.11	0.8		5	188.5	51
			8.19	6.95	6.27	5.55	4.90	4.15	31.1	0.25000
	3.48		2.96	2.47	2.10	1.69	1.27	1.01	2.594	13

D13_RAW.txt

2:	131.48	-4	4.19	0.01	2.5		5	377.0	62
		8.74	7.49	6.63	5.83	5.12	4.39	32.1	0.50000
	3.76	3.17	2.64	2.17	1.78	1.47	1.18	1.299	13
3:	137.75	-2	4.57	0.01	4.5		5	377.0	65
		9.54	8.23	7.28	6.40	5.63	4.83	35.3	0.50000
	4.12	3.49	2.92	2.43	1.99	1.61	1.29	1.189	13
4:	65.07	-4	5.10	0.00	3.1		5	754.0	61
		10.77	9.29	8.21	7.17	6.29	5.40	39.6	0.50000
	4.60	3.91	3.33	2.77	2.25	1.81	1.44	1.641	13
5:	31.12	5	5.19	0.00	1.3		5	1256.7	49
		11.10	9.49	8.28	7.23	6.28	5.46	40.3	0.50000
	4.66	4.03	3.31	2.80	2.36	1.88	1.47	2.626	13
6:	43.66	-18	5.92	0.20	0.6		5	1099.6	60
		13.24	11.23	9.73	8.44	7.20	6.32	46.3	2.00000
	5.30	4.87	4.03	3.54	2.91	2.45	1.73	5.375	13
7:	12.29	-14	5.27	0.10	0.8		5	1979.3	30
		14.51	11.76	9.07	7.90	5.83	5.47	44.9	1.00000
	4.76	5.16	3.67	3.77	3.23	2.49	1.35	17.088	13
8:	4.25	10	24.33	0.23	1.2		5	3110.4	17
		41.27	37.32	32.73	30.41	24.80	23.79	148.4	4.00000
	19.92	15.17	12.69	10.48	7.54	7.22	9.59	15.257	13

*

	640N	620N ON	615N 640N	610N 12129N	600N 800	590N 4	580N 15:18:14	560N	540N	520N
1:	84.16	-2	4.27	0.15	0.9		5	628.3	66	
		9.60	8.28	7.31	6.41	5.59	4.60	34.7	0.50000	
	3.95	3.30	2.82	2.39	1.93	1.76	1.18	4.554	13	
2:	59.00	-5	4.89	0.00	2.5		5	942.5	70	
		10.15	8.73	7.70	6.78	5.99	5.16	37.2	0.50000	
	4.38	3.72	3.10	2.54	2.10	1.68	1.32	1.408	13	
3:	68.52	-2	5.27	0.00	4.5		5	754.0	65	
		11.01	9.49	8.41	7.39	6.46	5.56	40.4	0.50000	
	4.73	4.00	3.36	2.79	2.29	1.86	1.44	1.451	13	
4:	35.47	-4	5.78	0.00	3.1		5	1256.7	56	
		12.25	10.56	9.33	8.17	7.11	6.12	44.6	0.50000	
	5.20	4.36	3.70	3.12	2.55	2.06	1.57	2.010	13	
5:	18.18	5	5.71	0.07	1.3		5	1885.0	43	
		12.76	10.86	9.47	8.28	7.16	6.08	48.6	0.12500	
	5.05	4.33	3.65	3.09	2.50	1.92	1.44	3.061	13	
6:	27.37	-18	5.91	0.11	0.6		5	1508.0	52	
		14.71	12.17	10.62	9.10	7.47	6.42	66.1	0.01563	
	5.06	4.29	3.99	3.41	2.74	2.00	1.34	7.593	13	
7:	8.51	-14	3.06	0.61	0.8		5	2513.4	27	
		15.97	11.46	9.51	7.51	4.84	4.03			
	1.83	1.87	3.09	2.14	1.67	0.47	-0.47		98	
8:	2.99	10	25.11	0.00	1.2		5	3770.2	14	
		43.27	39.15	35.11	32.06	29.22	25.47	317.4	4096.00000	
	22.58	20.77	17.54	14.61	12.32	10.22	11.03	6.057	13	

*

	650N	640N ON	635N 650N	630N 12149N	620N 800	610N 4	600N 15:21:12	580N	560N	540N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D13_RAW.txt

1:	215.41	-4	3.60	0.03	0.8		5	188.5	51
		7.87	6.65	5.85	5.30	4.44	3.81	29.3	0.25000
	3.22	2.73	2.20	1.91	1.57	1.28	1.05	2.795	13
2:	134.42	-0	4.12	0.00	2.5		5	377.0	63
		8.69	7.49	6.59	5.81	5.12	4.36	32.7	0.25000
	3.67	3.10	2.63	2.12	1.72	1.37	1.11	1.073	13
3:	148.14	-2	4.97	0.01	4.5		5	377.0	70
		10.20	8.81	7.84	6.91	6.08	5.24	37.1	1.00000
	4.47	3.79	3.17	2.63	2.16	1.76	1.41	1.257	13
4:	73.31	-4	5.52	0.00	3.3		5	754.0	69
		11.41	9.86	8.73	7.71	6.74	5.82	41.6	1.00000
	4.99	4.22	3.56	2.98	2.47	2.02	1.59	1.585	13
5:	38.35	4	6.10	0.01	1.9		5	1256.7	60
		12.68	10.96	9.67	8.54	7.47	6.44	46.6	0.50000
	5.48	4.65	3.88	3.21	2.62	2.14	1.70	1.055	13
6:	32.17	-9	6.53	0.19	1.4		5	1099.6	44
		14.24	12.17	10.63	9.34	8.14	6.96	52.6	0.25000
	5.88	5.03	4.25	3.45	2.81	2.27	1.79	1.552	13
7:	18.02	-12	6.48	0.97	0.8		5	1979.3	45
		16.56	13.81	11.27	9.55	8.20	7.15	111.4	0.00098
	5.66	4.95	4.18	3.16	2.36	1.97	1.26	3.247	8
8:	6.16	-10	3.71	3.25	0.7		5	3110.4	24
		16.82	13.12	8.00	5.18	4.40	4.58		
	3.14	1.99	1.25	0.31	0.29	0.27	-1.33		99

*

	660N	640N ON	635N 660N	630N 12149N	620N 800	610N 4	600N 15:23:58	580N	560N	540N
1:	90.04	-3	4.51	0.08	1.1		5	628.3	71	
		9.63	8.36	7.34	6.38	5.59	4.73	36.5	0.25000	
	4.06	3.55	2.98	2.45	1.86	1.61	1.20	2.812	13	
2:	62.67	-0	5.03	0.02	2.8		5	942.5	74	
		10.46	9.01	7.99	7.05	6.15	5.31	38.5	0.50000	
	4.52	3.79	3.17	2.62	2.17	1.76	1.42	1.164	13	
3:	75.37	-3	5.88	0.00	4.5		5	754.0	71	
		12.00	10.41	9.25	8.16	7.17	6.19	43.9	1.00000	
	5.31	4.49	3.77	3.13	2.58	2.11	1.69	1.102	13	
4:	40.45	-4	6.44	0.00	3.2		5	1256.7	64	
		13.26	11.48	10.21	9.00	7.89	6.78	48.1	1.00000	
	5.78	4.92	4.15	3.40	2.79	2.30	1.86	1.336	13	
5:	22.34	4	7.05	0.01	1.8		5	1885.0	53	
		14.58	12.61	11.21	9.77	8.57	7.42	53.7	0.50000	
	6.28	5.32	4.47	3.66	3.04	2.53	2.05	1.865	13	
6:	19.92	-9	7.39	0.06	1.3		5	1508.0	38	
		15.87	13.58	12.10	10.37	9.04	7.81	58.5	0.25000	
	6.43	5.49	4.63	3.65	3.09	2.66	2.10	2.931	13	
7:	12.22	-12	7.16	0.04	0.7		5	2513.4	38	
		17.39	14.17	12.65	9.81	8.02	7.27	113.2	0.00098	
	5.22	4.54	4.07	2.59	2.39	2.29	1.76	9.446	13	
8:	4.58	-10	3.77	0.90	0.7		5	3770.2	22	
		16.63	11.26	10.99	5.32	2.13	2.40			
	0.30	0.29	1.55	-0.41	0.27	0.17	0.62		99	

D13_RAW.txt

*	670N	660N ON	655N 670N	650N 12169N	640N 800	630N 4	620N 15:26:49	600N	580N	560N
1:	236.49		-4	3.64	0.02	0.7		5	188.5	56
	3.26		8.09	6.86	6.03	5.26	4.54	3.83	33.0	0.06250
			2.75	2.26	1.86	1.49	1.18	0.96	1.302	13
2:	126.66		-3	3.85	0.09	2.4		5	377.0	60
	3.44		8.35	7.13	6.28	5.50	4.78	4.08	32.4	0.12500
			2.88	2.38	1.96	1.58	1.27	1.02	0.842	13
3:	159.42		1	4.69	0.00	4.2		5	377.0	75
	4.21		10.04	8.60	7.59	6.64	5.78	4.96	37.5	0.25000
			3.53	2.94	2.43	1.98	1.60	1.29	1.082	13
4:	76.39		-0	5.47	0.19	2.7		5	754.0	72
	4.92		11.62	10.01	8.86	7.75	6.77	5.78	43.4	0.25000
			4.15	3.45	2.83	2.29	1.81	1.45	1.266	13
5:	40.90		2	6.84	0.03	1.1		5	1256.7	64
	6.18		13.84	12.03	10.70	9.44	8.29	7.19	51.0	1.00000
			5.23	4.43	3.69	3.03	2.47	1.98	1.277	13
6:	36.60		-9	7.64	0.01	1.0		5	1099.6	50
	6.94		15.55	13.50	12.01	10.58	9.27	8.01	56.8	1.00000
			5.85	4.99	4.15	3.32	2.71	2.21	1.329	13
7:	12.67		-4	8.32	0.18	1.3		5	1979.3	31
	7.73		17.50	15.01	13.33	11.70	10.02	8.64	65.2	0.25000
			6.35	5.63	4.48	3.19	2.75	2.14	4.317	13
8:	8.56		-7	7.65	1.10	1.0		5	3110.4	33
	7.55		18.52	14.63	13.27	11.13	8.87	7.92	62.3	0.50000
			6.02	6.23	4.89	2.10	1.27	0.37	9.594	9

*	680N	660N ON	655N 680N	650N 12169N	640N 800	630N 4	620N 15:29:20	600N	580N	560N
1:	96.20		-4	4.65	0.17	0.7		5	628.3	76
	4.11		9.92	8.41	7.16	6.54	5.62	4.89	36.7	0.25000
			3.46	2.92	2.32	1.92	1.59	1.29	2.222	13
2:	58.10		-3	4.77	0.01	2.4		5	942.5	68
	4.26		10.13	8.70	7.70	6.73	5.87	5.05	38.1	0.25000
			3.63	3.01	2.48	2.04	1.64	1.31	1.196	13
3:	80.06		1	5.64	0.01	4.3		5	754.0	75
	5.07		11.90	10.25	9.05	7.95	6.94	5.96	43.3	0.50000
			4.28	3.58	2.96	2.43	1.97	1.60	1.269	13
4:	41.59		0	6.56	0.01	2.7		5	1256.7	65
	5.91		13.59	11.79	10.40	9.22	8.05	6.92	50.3	0.50000
			4.97	4.22	3.47	2.84	2.32	1.88	1.263	13
5:	23.41		2	7.79	0.00	1.1		5	1885.0	55
	7.02		15.70	13.68	12.16	10.79	9.49	8.22	57.9	1.00000
			5.96	5.02	4.16	3.45	2.81	2.30	1.283	13
6:	22.18		-9	8.52	0.01	0.9		5	1508.0	42
	7.67		17.29	15.14	13.35	11.90	10.51	9.01	63.4	1.00000
			6.43	5.62	4.57	3.70	3.05	2.54	1.555	13
7:	8.34		-4	8.84	0.00	1.2		5	2513.4	26
	7.86		18.16	16.03	14.09	12.39	11.34	9.59	67.6	0.50000
			6.33	6.03	4.68	3.73	3.02	2.67	3.707	13

D13_RAW.txt

8:	6.18	-7	8.65	0.28	1.0		5	3770.2	29
		16.29	14.19	13.27	10.97	11.57	9.96	65.0	8.00000
	7.05	5.31	6.15	5.17	4.22	2.93	3.04	10.779	13

*
 690N 680N 675N 670N 660N 650N 640N 620N 600N 580N
 ON 690N 12189N 800 4 15:32:29|

1:	239.01	-5	3.79	0.01	2.8		5	188.5	56
		8.30	7.05	6.23	5.58	4.83	4.02	30.8	0.25000
	3.42	2.88	2.42	1.96	1.56	1.35	1.04	2.077	13

2:	134.23	-3	4.30	0.03	2.9		5	377.0	63
		9.18	7.87	6.92	5.96	5.10	4.54	33.8	0.25000
	3.79	3.24	2.65	2.14	1.79	1.43	1.14	1.834	13

3:	148.09	4	5.07	0.01	3.0		5	377.0	70
		10.69	9.20	8.13	7.13	6.22	5.36	40.4	0.25000
	4.55	3.82	3.19	2.63	2.15	1.74	1.40	1.114	13

4:	75.85	-4	5.65	0.01	3.9		5	754.0	71
		11.75	10.16	9.01	7.95	6.91	5.95	43.5	0.50000
	5.09	4.30	3.62	2.98	2.45	2.03	1.61	1.380	13

5:	42.68	7	6.64	0.00	2.2		5	1256.7	67
		13.73	11.91	10.56	9.27	8.10	7.00	50.8	0.50000
	5.99	5.04	4.22	3.51	2.87	2.34	1.91	1.311	13

6:	36.85	-7	7.98	0.01	0.9		5	1099.6	51
		16.21	14.15	12.58	11.12	9.71	8.39	59.1	1.00000
	7.24	6.11	5.11	4.24	3.47	2.85	2.28	0.974	13

7:	13.66	-5	9.30	0.00	1.3		5	1979.3	34
		18.85	16.44	14.61	12.92	11.28	9.68	68.5	1.00000
	8.67	7.20	5.95	5.05	3.94	3.41	2.52	2.515	13

8:	5.61	1	9.43	0.10	1.3		5	3110.4	22
		18.88	16.29	14.96	12.05	10.48	9.69	67.3	1.00000
	8.61	6.99	5.33	5.10	4.13	3.38	2.50	4.929	13

*
 700N 680N 675N 670N 660N 650N 640N 620N 600N 580N
 ON 700N 12189N 800 4 15:35:01|

1:	88.59	-5	4.80	0.03	2.8		5	628.3	70
		9.79	8.31	7.29	6.53	5.90	5.04	35.7	0.50000
	4.39	3.32	3.03	2.28	2.04	1.64	1.28	3.475	13

2:	56.47	-3	5.15	0.00	2.9		5	942.5	67
		10.86	9.35	8.30	7.28	6.34	5.44	39.8	0.50000
	4.63	3.99	3.28	2.76	2.21	1.79	1.48	1.417	13

3:	68.94	4	5.97	0.01	2.9		5	754.0	65
		12.37	10.70	9.47	8.34	7.31	6.29	45.8	0.50000
	5.37	4.54	3.81	3.15	2.60	2.13	1.72	1.518	13

4:	38.38	-3	6.61	0.00	3.9		5	1256.7	60
		13.46	11.67	10.33	9.13	8.05	6.98	50.2	0.50000
	5.93	5.02	4.19	3.46	2.90	2.34	1.82	1.464	13

5:	22.74	6	7.59	0.03	2.2		5	1885.0	54
		15.61	13.59	12.04	10.67	9.32	8.02	56.6	1.00000
	6.85	5.84	4.90	4.03	3.30	2.72	2.20	1.216	13

6:	20.91	-6	9.10	0.11	0.9		5	1508.0	39
		18.07	15.77	14.04	12.54	11.09	9.60	66.4	2.00000
	8.14	6.98	5.89	4.82	4.08	3.35	2.64	1.321	13

D13_RAW.txt

7:	8.50	-5	10.36	0.45	1.3		5	2513.4	27
		20.70	17.91	16.07	14.39	12.74	11.01	75.8	2.00000
	9.04	8.36	6.83	5.52	4.73	3.96	2.92	2.859	13
8:	3.86	1	9.92	1.64	1.3		5	3770.2	18
		21.89	18.68	17.07	15.59	13.22	11.03	100.5	64.00000
	8.10	10.01	8.31	6.23	5.14	4.70	3.36	5.936	8

*

	710N	700N ON	695N 710N	690N 12209N	680N 800	670N 4	660N 15:37:52	640N	620N	600N
1:	212.63		-1	3.55	0.22	0.7		5	188.5	50
			7.38	6.41	5.76	4.71	4.05	3.81	28.9	0.12500
	3.11		2.41	2.03	1.83	1.40	1.21	0.94	4.174	12
2:	147.27		-4	3.85	0.02	2.5		5	377.0	69
			8.39	7.15	6.27	5.50	4.79	4.06	32.3	0.12500
	3.45		2.90	2.42	1.98	1.63	1.29	0.93	2.950	13
3:	156.90		2	4.31	0.01	4.7		5	377.0	74
			9.13	7.79	6.88	6.03	5.26	4.54	34.1	0.25000
	3.86		3.24	2.71	2.26	1.82	1.46	1.09	2.244	13
4:	76.19		-7	5.35	0.10	3.3		5	754.0	72
			11.00	9.52	8.47	7.44	6.49	5.65	40.6	0.50000
	4.81		4.03	3.35	2.84	2.29	1.80	1.44	1.488	13
5:	38.90		12	6.50	0.03	1.2		5	1256.7	61
			13.31	11.55	10.25	9.03	7.92	6.85	49.5	0.50000
	5.86		4.96	4.15	3.45	2.84	2.29	1.77	1.510	13
6:	36.68		-7	7.41	0.06	0.8		5	1099.6	50
			15.15	13.22	11.78	10.28	8.93	7.85	55.8	0.50000
	6.63		5.58	4.63	3.96	3.19	2.53	1.97	1.721	13
7:	13.54		-0	9.46	0.22	1.2		5	1979.3	33
			19.08	16.65	14.83	13.01	11.48	9.94	69.2	1.00000
	8.54		7.17	6.03	4.99	4.11	3.31	2.65	1.063	13
8:	5.96		-2	10.08	1.15	1.4		5	3110.4	23
			21.00	18.19	15.96	14.61	13.02	10.54	75.9	1.00000
	9.13		7.83	6.86	5.42	4.57	3.34	2.85	2.569	9

*

	720N	700N ON	695N 720N	690N 12209N	680N 800	670N 4	660N 15:40:16	640N	620N	600N
1:	92.18		-0	4.23	0.51	0.8		5	628.3	72
			9.55	8.11	6.31	6.09	5.58	4.65	36.1	0.12500
	3.71		3.27	2.73	2.08	1.83	1.74	1.25	4.835	9
2:	72.03		-4	4.68	0.00	2.6		5	942.5	85
			9.64	8.34	7.44	6.51	5.71	4.94	35.6	0.50000
	4.18		3.53	2.95	2.45	2.02	1.61	1.28	1.088	13
3:	82.84		1	5.13	0.00	4.7		5	754.0	78
			10.57	9.13	8.09	7.14	6.28	5.41	38.6	1.00000
	4.59		3.87	3.24	2.71	2.25	1.91	1.55	2.354	13
4:	43.08		-7	6.26	0.03	3.3		5	1256.7	68
			12.62	10.98	9.70	8.60	7.59	6.60	47.3	0.50000
	5.62		4.79	4.09	3.38	2.71	2.10	1.66	2.497	13
5:	23.13		12	7.38	0.06	1.2		5	1885.0	55
			14.96	13.02	11.58	10.21	8.97	7.75	55.0	1.00000
	6.67		5.65	4.76	3.96	3.30	2.68	2.14	1.307	13

D13_RAW.txt

6:	22.96	-7	8.55	0.13	0.8		5	1508.0	43
	17.28	15.10	13.29	11.89	10.48	9.04	63.5	1.00000	
	7.69	6.53	5.54	4.61	3.78	3.12	2.47	1.280	13
7:	9.14	-0	10.38	0.28	1.2		5	2513.4	29
	20.91	18.36	16.30	14.45	12.53	10.91	76.2	1.00000	
	9.33	7.81	6.87	5.55	4.50	3.60	3.04	1.613	13
8:	4.36	-2	11.35	0.00	1.4		5	3770.2	21
	21.75	19.15	18.17	15.49	13.14	11.50	87.8	16.00000	
	9.82	8.39	7.97	6.39	5.20	4.29	4.05	5.269	13

*

	730N	720N ON	715N 730N	710N 12229N	700N 800	690N 4	680N 15:43:09	660N	640N	620N
1:	228.26	1	3.19	0.01	0.5		5	188.5	54	
	6.85	5.84	5.14	4.52	3.96	3.40	30.2	0.03125		
	2.75	2.36	1.93	1.56	1.26	0.94	0.73	3.210	13	
2:	98.25	1	3.78	0.00	2.2		5	377.0	46	
	7.89	6.75	5.99	5.28	4.63	3.99	29.2	0.50000		
	3.41	2.89	2.43	2.03	1.68	1.36	1.03	2.047	13	
3:	126.35	-6	4.95	0.00	4.2		5	377.0	60	
	10.25	8.87	7.87	6.91	6.05	5.22	39.2	0.25000		
	4.45	3.74	3.13	2.58	2.10	1.71	1.31	1.487	13	
4:	75.11	2	5.84	0.02	2.9		5	754.0	71	
	11.74	10.22	9.10	8.03	7.07	6.15	43.2	1.00000		
	5.28	4.46	3.74	3.09	2.52	2.04	1.61	1.305	13	
5:	40.95	4	6.48	0.28	1.5		5	1256.7	64	
	13.11	11.41	10.17	9.00	7.86	6.81	48.1	1.00000		
	5.86	4.97	4.20	3.55	2.89	2.28	1.72	2.593	13	
6:	35.25	-6	8.16	0.08	1.3		5	1099.6	48	
	16.10	14.12	12.59	11.10	9.82	8.59	59.8	1.00000		
	7.36	6.20	5.15	4.21	3.54	2.92	2.40	1.473	13	
7:	13.42	-1	9.87	0.07	1.1		5	1979.3	33	
	19.78	17.38	15.51	13.74	12.03	10.40	72.4	1.00000		
	8.94	7.53	6.32	5.20	4.31	3.47	2.79	0.774	13	
8:	5.87	3	11.38	0.21	1.3		5	3110.4	23	
	23.60	20.73	18.27	16.43	14.40	12.09	85.3	1.00000		
	10.41	8.95	7.41	6.26	5.02	4.30	3.27	1.788	13	

*

	740N	720N ON	715N 740N	710N 12229N	700N 800	690N 4	680N 15:45:49	660N	640N	620N
1:	90.17	2	4.29	0.00	0.5		5	628.3	71	
	9.14	8.04	7.00	6.11	5.00	4.46	34.7	8.00000		
	3.69	3.36	3.03	2.65	2.15	1.89	1.38	6.626	13	
2:	44.31	1	4.47	0.06	2.3		5	942.5	52	
	9.13	7.77	6.86	5.98	5.33	4.67	33.5	0.50000		
	3.99	3.28	2.69	2.31	1.86	1.48	1.30	2.626	13	
3:	62.21	-7	5.73	0.01	4.2		5	754.0	59	
	11.87	10.28	9.11	8.00	6.97	6.02	44.0	0.50000		
	5.15	4.35	3.66	3.04	2.50	2.04	1.63	1.491	13	
4:	40.17	2	6.53	0.07	2.9		5	1256.7	63	
	13.34	11.65	10.36	9.13	7.99	6.90	49.4	1.00000		
	5.88	5.05	4.30	3.61	2.99	2.42	1.91	1.871	13	

D13_RAW.txt

5:	23.03	4	7.14	0.16	1.5		5	1885.0	54
		14.63	12.77	11.36	10.01	8.75	7.53	54.1	0.50000
	6.42	5.33	4.54	3.77	3.01	2.40	2.03	1.285	13
6:	21.02	-6	8.92	0.00	1.2		5	1508.0	40
		17.93	15.69	13.94	12.31	10.81	9.36	66.1	1.00000
	8.04	6.88	5.73	4.86	3.97	3.17	2.64	1.497	13
7:	8.70	-1	10.74	0.04	1.1		5	2513.4	27
		21.56	18.95	16.96	14.94	13.13	11.29	79.3	1.00000
	9.77	8.32	6.99	5.85	4.76	3.84	3.10	0.988	13
8:	4.13	3	11.35	0.43	1.2		5	3770.2	19
		23.89	20.54	18.08	16.01	14.40	12.18	86.7	0.50000
	10.28	8.78	7.53	6.00	5.04	3.89	3.33	2.002	13

*

	750N	740N ON	735N 750N	730N 12249N	720N 960	710N 4	700N 15:49:25	680N	660N	640N
1:	283.24	-2	3.64	0.08	2.7		5	188.5	56	
		7.27	6.25	5.53	4.91	4.36	3.82	26.9	1.00000	
	3.25	2.65	2.28	1.96	1.53	1.28	1.06	2.004	13	
2:	154.57	3	3.67	0.01	2.4		5	377.0	61	
		7.47	6.42	5.72	5.09	4.50	3.87	27.9	2.00000	
	3.36	2.90	2.46	2.00	1.72	1.40	1.12	2.020	13	
3:	210.23	-6	3.72	0.01	2.3		5	377.0	83	
		7.77	6.65	5.84	5.18	4.54	3.92	28.0	1.00000	
	3.36	2.80	2.37	1.98	1.61	1.34	1.09	1.944	13	
4:	75.69	5	4.68	0.01	2.3		5	754.0	59	
		9.75	8.40	7.39	6.51	5.73	4.92	35.4	1.00000	
	4.21	3.56	3.02	2.50	2.07	1.68	1.41	1.986	13	
5:	38.38	-1	6.36	0.05	0.8		5	1256.7	50	
		13.04	11.35	10.03	8.87	7.78	6.70	47.5	1.00000	
	5.74	4.83	4.06	3.37	2.77	2.28	1.85	1.257	13	
6:	41.60	-4	7.66	0.00	1.1		5	1099.6	48	
		15.33	13.37	11.91	10.54	9.25	8.04	56.3	2.00000	
	6.93	5.86	4.96	4.14	3.42	2.79	2.25	1.272	13	
7:	15.16	0	9.92	0.27	1.1		5	1979.3	31	
		19.67	17.35	15.40	13.65	12.05	10.42	71.9	1.00000	
	8.84	7.37	6.22	5.14	4.14	3.46	2.87	1.358	13	
8:	6.88	4	11.19	0.19	1.0		5	3110.4	22	
		22.71	19.94	17.77	15.80	13.74	11.98	82.8	1.00000	
	10.14	8.91	7.20	5.99	5.00	4.05	3.12	1.615	13	

*

	760N	740N ON	735N 760N	730N 12249N	720N 800	710N 4	700N 15:52:47	680N	660N	640N
1:	91.28	-1	3.84	0.36	2.5		5	628.3	72	
		8.60	7.44	6.64	5.91	5.20	4.03	31.5	2.00000	
	3.68	3.37	2.77	2.24	1.96	1.36	1.30	4.336	11	
2:	56.33	3	4.68	0.19	2.4		5	942.5	66	
		8.98	7.73	6.91	6.07	5.37	4.93	33.4	2.00000	
	4.10	3.41	2.89	2.48	1.94	1.75	1.30	2.882	13	
3:	83.24	-7	4.43	0.07	2.3		5	754.0	78	
		9.33	8.02	7.11	6.28	5.50	4.66	33.9	1.00000	
	4.01	3.47	2.89	2.42	2.01	1.59	1.34	2.023	13	

D13_RAW.txt

4:	32.71	5	5.43	0.04	2.3		5	1256.7	51
		11.47	9.91	8.78	7.77	6.79	5.72	41.6	1.00000
	4.97	4.28	3.55	2.96	2.45	1.97	1.64	1.823	13
5:	17.62	-1	7.27	0.03	0.8		5	1885.0	42
		14.96	13.06	11.60	10.19	8.90	7.65	54.5	1.00000
	6.54	5.58	4.67	3.89	3.24	2.61	2.16	1.538	13
6:	20.34	-4	8.54	0.11	1.0		5	1508.0	38
		17.30	15.21	13.60	11.90	10.44	9.01	63.3	1.00000
	7.68	6.58	5.51	4.56	3.75	3.04	2.44	0.909	13
7:	8.10	-0	10.53	0.12	1.1		5	2513.4	25
		21.33	18.78	16.81	14.98	13.17	11.24	78.6	2.00000
	9.64	8.29	7.13	5.45	4.88	3.93	3.43	3.019	13
8:	4.01	4	12.70	0.00	1.0		5	3770.2	19
		24.06	21.06	18.95	16.67	14.70	13.40	88.2	1.00000
	10.97	8.55	7.65	6.02	5.24	4.86	3.49	4.784	13

*

	770N	760N ON	755N 770N	750N 12269N	740N 800	730N 4	720N 15:55:44	700N	680N	660N
1:	174.58	-1	3.10	0.02	0.8		5	188.5	41	
		7.03	6.10	5.37	4.68	3.82	3.25	27.0	0.12500	
	2.79	2.37	1.99	1.56	1.30	0.99	0.96	4.888	13	
2:	109.84	-3	3.34	0.01	2.5		5	377.0	52	
		7.12	6.04	5.32	4.67	4.10	3.52	25.7	0.50000	
	3.01	2.55	2.10	1.76	1.43	1.17	0.91	1.782	13	
3:	144.79	-1	4.24	0.01	4.4		5	377.0	68	
		8.77	7.55	6.70	5.90	5.19	4.47	32.7	0.50000	
	3.83	3.23	2.71	2.25	1.85	1.50	1.21	1.456	13	
4:	72.28	3	5.28	0.02	2.5		5	754.0	68	
		10.49	9.13	8.15	7.24	6.39	5.56	39.6	4.00000	
	4.78	4.08	3.45	2.89	2.41	1.98	1.62	1.610	13	
5:	44.19	1	5.50	0.00	0.6		5	1256.7	69	
		11.23	9.76	8.66	7.64	6.70	5.79	41.1	2.00000	
	4.98	4.24	3.58	2.97	2.47	2.01	1.66	1.700	13	
6:	28.79	-5	7.11	0.03	0.6		5	1099.6	40	
		14.73	12.90	11.48	10.10	8.71	7.50	54.4	0.50000	
	6.41	5.39	4.61	3.72	3.09	2.45	2.04	1.272	13	
7:	12.74	1	9.87	0.24	1.1		5	1979.3	32	
		19.60	17.18	15.31	13.57	11.90	10.36	73.6	0.50000	
	8.97	7.59	6.43	5.16	4.22	3.41	2.63	2.049	13	
8:	5.54	5	11.29	0.68	1.2		5	3110.4	22	
		22.54	19.73	17.05	15.14	14.31	12.07	81.9	4.00000	
	9.92	8.48	6.09	6.13	5.22	4.37	3.63	6.555	13	

*

	780N	760N ON	755N 780N	750N 12269N	740N 800	730N 4	720N 15:58:23	700N	680N	660N
1:	76.70	-0	3.47	0.35	0.8		5	628.3	60	
		7.40	6.44	5.71	5.05	4.42	4.00	28.9	8.00000	
	2.98	2.47	3.20	1.96	1.87	1.42	0.89	11.369	11	
2:	54.23	-4	4.15	0.08	2.5		5	942.5	64	
		8.37	7.17	6.38	5.56	5.15	4.54	31.0	0.50000	
	3.46	3.10	2.44	2.18	1.70	1.45	1.09	3.440	13	

D13_RAW.txt

3:	76.88	-1	4.94	0.01	4.4		5	754.0	72
		10.02	8.68	7.72	6.83	6.02	5.21	37.0	1.00000
	4.45	3.78	3.20	2.64	2.19	1.79	1.39	1.363	13
4:	41.07	3	5.97	0.01	2.5		5	1256.7	65
		11.75	10.27	9.19	8.16	7.22	6.27	44.2	2.00000
	5.41	4.61	3.90	3.26	2.70	2.21	1.75	1.185	13
5:	26.31	1	6.25	0.04	0.5		5	1885.0	62
		12.59	10.93	9.71	8.61	7.60	6.67	46.4	2.00000
	5.61	4.79	4.17	3.38	2.81	2.33	1.81	1.787	13
6:	18.12	-5	8.03	0.09	0.6		5	1508.0	34
		16.26	14.17	12.58	11.13	9.90	8.62	59.5	2.00000
	7.19	6.13	5.42	4.26	3.62	3.02	2.33	2.158	13
7:	8.67	1	10.60	0.10	1.0		5	2513.4	27
		20.99	18.48	16.56	14.66	12.89	11.21	76.9	1.00000
	9.53	8.06	6.79	5.46	4.56	3.67	2.94	1.117	13
8:	4.07	5	12.66	0.02	1.1		5	3770.2	19
		25.71	22.30	20.39	18.22	15.55	13.18	92.6	1.00000
	11.05	10.12	7.33	6.75	5.82	4.39	3.84	4.249	13

*

	790N	780N ON	775N 790N	770N 12289N	760N 800	750N 4	740N 16:01:21	720N	700N	680N
1:	153.62	-2	3.30	0.14	1.1		5	188.5	36	
		7.74	6.39	5.46	4.88	4.25	3.59	35.1	0.01563	
	2.88	2.33	1.99	1.53	1.28	0.96	0.87	3.478	13	
2:	92.55	-5	3.36	0.03	2.5		5	377.0	44	
		7.29	6.20	5.46	4.74	4.12	3.55	28.4	0.12500	
	3.05	2.54	2.09	1.72	1.40	1.13	0.89	1.341	13	
3:	120.81	-0	3.62	0.00	4.6		5	377.0	57	
		7.79	6.61	5.80	5.09	4.45	3.83	29.0	0.25000	
	3.24	2.72	2.28	1.88	1.55	1.25	1.00	1.547	13	
4:	67.96	-2	4.43	0.01	3.2		5	754.0	64	
		9.28	7.94	7.01	6.18	5.43	4.69	34.1	0.50000	
	3.95	3.33	2.81	2.34	1.93	1.57	1.26	1.608	13	
5:	42.26	5	5.61	0.00	1.2		5	1256.7	66	
		11.27	9.81	8.74	7.72	6.81	5.91	41.7	2.00000	
	5.07	4.33	3.64	3.04	2.53	2.07	1.67	1.299	13	
6:	39.59	-7	6.85	0.06	0.7		5	1099.6	54	
		13.69	11.89	10.55	9.41	8.36	7.25	50.7	2.00000	
	6.17	5.24	4.48	3.68	3.09	2.50	2.09	1.512	13	
7:	11.53	0	8.92	0.03	0.7		5	1979.3	29	
		18.03	15.79	14.07	12.38	10.90	9.44	65.7	1.00000	
	7.96	6.81	5.64	4.75	3.87	3.15	2.54	0.993	13	
8:	6.03	6	11.39	0.34	1.5		5	3110.4	23	
		22.51	20.22	18.14	15.91	13.87	11.94	83.7	1.00000	
	10.49	8.91	7.31	6.18	5.12	4.08	3.15	1.711	13	

*

	800N	780N ON	775N 800N	770N 12289N	760N 800	750N 4	740N 16:04:01	720N	700N	680N
1:	70.75	-1	3.52	0.02	0.8		5	628.3	56	
		8.04	6.96	6.28	5.07	4.64	4.03	30.2	0.12500	
	2.93	1.97	1.81	1.99	1.56	1.31	1.09	13.243	13	

D13_RAW.txt

2:	47.45	-6	3.92	0.02	2.5		5	942.5	56
		8.48	7.20	6.34	5.56	4.83	4.12	32.9	0.12500
	3.58	2.98	2.47	1.99	1.63	1.32	0.99	2.038	13
3:	67.33	0	4.20	0.00	4.7		5	754.0	63
		8.91	7.63	6.73	5.87	5.14	4.43	32.3	0.50000
	3.75	3.14	2.64	2.20	1.81	1.49	1.16	1.738	13
4:	40.56	-2	5.09	0.00	3.1		5	1256.7	64
		10.51	9.11	8.08	7.08	6.22	5.37	38.2	1.00000
	4.55	3.81	3.22	2.71	2.24	1.86	1.47	1.815	13
5:	26.19	5	6.37	0.00	1.2		5	1885.0	62
		12.72	11.08	9.86	8.76	7.73	6.69	47.0	2.00000
	5.77	4.89	4.14	3.44	2.85	2.32	1.84	1.343	13
6:	25.71	-6	7.56	0.01	0.6		5	1508.0	48
		14.98	13.18	11.77	10.40	9.20	8.00	55.7	2.00000
	6.81	5.68	4.82	4.12	3.38	2.80	2.28	1.482	13
7:	8.05	0	10.17	0.15	0.7		5	2513.4	25
		19.91	17.52	15.65	13.94	12.38	10.70	74.2	1.00000
	9.18	7.73	6.55	5.51	4.50	3.58	2.83	1.461	13
8:	4.52	6	12.40	0.44	1.4		5	3770.2	21
		24.36	21.54	19.27	17.19	14.89	12.96	90.6	0.50000
	11.30	9.19	7.71	6.19	5.22	4.00	3.48	1.989	13

*

	810N	800N ON	795N 810N	790N 12309N	780N 800	770N 4	760N 16:07:11	740N	720N	700N
1:	143.40	5	2.97	0.00	0.7		5	188.5	34	
		6.90	5.69	4.90	3.81	3.27	3.22	26.4	0.06250	
	2.55	2.22	1.65	1.45	1.35	0.84	0.87	8.868	13	
2:	87.42	-6	3.30	0.00	2.6		5	377.0	41	
		6.97	5.94	5.26	4.69	4.08	3.47	26.3	0.25000	
	2.97	2.47	2.09	1.71	1.37	1.15	0.87	1.572	13	
3:	119.51	7	3.83	0.01	4.6		5	377.0	56	
		8.11	6.95	6.13	5.36	4.69	4.04	29.5	0.50000	
	3.45	2.91	2.42	2.01	1.64	1.33	1.06	1.461	13	
4:	64.57	-2	4.72	0.00	3.1		5	754.0	61	
		9.89	8.53	7.52	6.57	5.76	4.98	36.2	0.50000	
	4.23	3.57	2.97	2.47	2.02	1.65	1.33	1.302	13	
5:	39.72	5	5.04	0.02	2.3		5	1256.7	62	
		10.50	9.06	8.01	7.05	6.18	5.32	38.0	1.00000	
	4.55	3.86	3.23	2.69	2.23	1.81	1.47	1.559	13	
6:	41.59	-8	6.53	0.00	1.9		5	1099.6	57	
		13.10	11.42	10.14	8.93	7.85	6.87	48.3	1.00000	
	5.88	4.96	4.13	3.46	2.85	2.34	1.89	1.194	13	
7:	17.10	-1	8.61	0.00	0.9		5	1979.3	42	
		16.97	14.96	13.36	11.78	10.38	9.09	63.2	2.00000	
	7.78	6.70	5.51	4.70	3.87	3.11	2.62	1.334	13	
8:	5.77	4	11.24	0.00	0.9		5	3110.4	22	
		21.52	19.09	17.20	15.61	13.70	11.79	81.0	1.00000	
	9.97	8.47	7.23	5.91	4.77	3.96	3.18	1.137	13	

*

	820N	800N ON	795N 820N	790N 12309N	780N 1100	770N 4	760N 16:10:03	740N	720N	700N
--	------	------------	--------------	----------------	--------------	-----------	------------------	------	------	------

D13_RAW.txt

1:	82.16	5	3.46	0.39	0.7		5	628.3	47
		7.32	6.35	5.69	5.20	4.72	3.85	27.5	1.00000
	3.11	2.63	2.55	1.95	1.39	1.22	0.84	4.660	9
2:	58.14	-6	4.14	0.05	2.6		5	942.5	50
		8.57	7.35	6.52	5.72	5.01	4.33	31.6	0.50000
	3.72	3.15	2.60	2.17	1.80	1.44	1.14	1.399	13
3:	87.85	7	4.68	0.00	4.6		5	754.0	60
		9.64	8.32	7.38	6.51	5.72	4.93	35.7	0.50000
	4.20	3.55	2.98	2.47	2.02	1.63	1.24	1.661	13
4:	51.16	-2	5.55	0.02	3.1		5	1256.7	58
		11.43	9.91	8.80	7.75	6.82	5.86	42.3	0.50000
	4.99	4.21	3.54	2.94	2.39	1.93	1.49	1.331	13
5:	32.88	5	5.95	0.02	2.3		5	1885.0	56
		12.13	10.55	9.36	8.25	7.26	6.27	44.3	1.00000
	5.36	4.54	3.80	3.16	2.60	2.12	1.67	1.241	13
6:	36.03	-8	7.47	0.03	1.9		5	1508.0	49
		14.78	13.00	11.63	10.32	9.12	7.88	55.4	1.00000
	6.72	5.74	4.85	4.04	3.32	2.70	2.12	1.252	13
7:	15.79	-1	9.63	0.03	0.8		5	2513.4	36
		18.75	16.55	14.87	13.22	11.75	10.16	69.9	2.00000
	8.66	7.39	6.26	5.20	4.26	3.50	2.78	0.789	13
8:	5.74	4	11.94	0.09	0.9		5	3770.2	20
		23.60	20.93	18.63	16.51	14.55	12.56	87.1	1.00000
	10.81	9.14	7.57	6.34	5.33	4.30	3.41	1.000	13

*

	830N	820N ON	815N 830N	810N 12329N	800N 900	790N 4	780N 16:12:57	760N	740N	720N
1:	225.79		1	2.96	0.08	0.5		5	188.5	47
		6.38	5.48	5.29	4.37	3.71	3.14	23.8	0.50000	
	2.86	2.35	1.82	1.58	1.43	1.00	0.90	4.607	13	
2:	119.64		-5	3.71	0.01	2.2		5	377.0	50
		7.92	6.68	5.85	5.20	4.54	3.95	29.6	0.25000	
	3.32	2.81	2.31	1.96	1.53	1.30	0.99	2.075	13	
3:	126.00		-2	4.04	0.02	4.4		5	377.0	53
		8.52	7.27	6.44	5.66	4.93	4.25	31.1	0.50000	
	3.64	3.07	2.56	2.12	1.76	1.41	1.15	1.528	13	
4:	60.57		2	4.80	0.01	3.0		5	754.0	51
		9.78	8.45	7.53	6.63	5.81	5.04	36.1	1.00000	
	4.34	3.68	3.11	2.58	2.14	1.73	1.41	1.438	13	
5:	41.81		7	5.54	0.03	1.5		5	1256.7	58
		11.35	9.84	8.77	7.72	6.77	5.84	41.4	1.00000	
	5.00	4.22	3.53	2.91	2.41	1.97	1.59	1.204	13	
6:	42.69		-9	6.64	0.02	1.9		5	1099.6	52
		13.49	11.75	10.48	9.26	8.12	7.01	49.5	1.00000	
	6.00	5.07	4.23	3.55	2.94	2.35	1.92	1.000	13	
7:	19.42		1	8.61	0.01	1.9		5	1979.3	43
		16.81	14.79	13.34	11.81	10.32	9.01	63.0	2.00000	
	7.83	6.69	5.58	4.65	3.86	3.17	2.56	0.948	13	
8:	9.03		4	10.92	0.00	1.1		5	3110.4	31
		21.30	18.82	16.49	14.55	13.21	11.62	78.7	1.00000	
	9.80	8.24	7.14	5.86	4.60	3.84	2.99	2.099	13	

D13_RAW.txt

*									
840N	820N ON	815N 840N	810N 12329N	800N 1150	790N 4	780N 16:15:46	760N	740N	720N
1:	132.12	2	4.35	0.18	0.5		5	628.3	72
	2.77	8.04 2.76	7.03 2.95	6.52 2.18	5.84 1.46	5.21 1.15	4.74 1.01	35.1 11.517	0.06250 13
2:	77.57	-5	4.22	0.18	2.2		5	942.5	64
	5.77	10.82 3.92	9.31 2.39	7.51 2.07	6.28 2.33	5.30 1.74	4.18 1.30	37.9 15.488	0.25000 13
3:	88.96	-3	4.91	0.00	4.4		5	754.0	58
	4.42	10.26 3.73	8.84 3.12	7.82 2.55	6.86 2.11	6.00 1.71	5.18 1.37	37.6 1.131	0.50000 13
4:	46.67	2	5.67	0.00	3.1		5	1256.7	51
	5.12	11.54 4.34	10.01 3.64	8.89 3.01	7.84 2.48	6.89 2.02	5.96 1.62	42.3 1.066	1.00000 13
5:	33.66	7	6.49	0.01	1.5		5	1885.0	55
	5.85	13.15 4.94	11.45 4.15	10.19 3.44	8.99 2.84	7.89 2.31	6.83 1.86	48.2 0.940	1.00000 13
6:	35.73	-9	7.67	0.01	1.9		5	1508.0	47
	6.92	15.44 5.85	13.49 4.90	12.02 4.04	10.62 3.35	9.32 2.72	8.07 2.19	56.7 0.809	1.00000 13
7:	17.10	1	9.61	0.05	1.8		5	2513.4	37
	8.65	18.88 7.35	16.64 6.18	14.93 5.09	13.17 4.18	11.60 3.38	10.10 2.76	70.2 0.728	1.00000 13
8:	8.43	4	11.87	0.08	1.1		5	3770.2	28
	10.83	22.88 9.36	20.33 7.72	18.31 6.42	16.31 5.21	14.32 4.54	12.46 3.62	86.4 1.552	4.00000 13

*									
850N	840N ON	835N 850N	830N 12349N	820N 1150	810N 4	800N 16:19:32	780N	760N	740N
1:	312.23	2	3.35	0.00	0.7		5	188.5	51
	2.86	7.69 2.40	6.58 2.18	5.77 1.69	4.85 1.49	4.16 1.04	3.70 0.79	33.0 4.777	0.03125 13
2:	178.54	-7	3.49	0.01	2.5		5	377.0	59
	3.16	7.32 2.67	6.26 2.19	5.52 1.83	4.89 1.48	4.30 1.23	3.66 0.96	26.8 1.403	0.50000 13
3:	236.14	1	4.14	0.00	4.1		5	377.0	77
	3.72	8.73 3.14	7.47 2.63	6.61 2.17	5.81 1.78	5.08 1.45	4.37 1.16	31.9 1.280	0.50000 13
4:	108.37	1	5.05	0.00	2.6		5	754.0	71
	4.51	10.62 3.81	9.17 3.23	8.12 2.64	7.10 2.20	6.20 1.75	5.36 1.38	38.8 1.454	0.50000 13
5:	49.79	-0	5.70	0.00	1.1		5	1256.7	54
	5.12	11.84 4.32	10.25 3.64	9.05 3.00	7.97 2.49	6.98 2.00	6.02 1.62	43.7 1.207	0.50000 13
6:	48.02	2	6.94	0.00	1.2		5	1099.6	46
	6.22	14.06 5.30	12.29 4.49	10.94 3.71	9.63 3.07	8.47 2.48	7.35 2.00	51.7 0.997	1.00000 13
7:	22.57	-3	8.78	0.02	1.5		5	1979.3	39
	7.88	17.56 6.66	15.43 5.65	13.79 4.68	12.15 3.85	10.67 3.15	9.26 2.58	64.9 1.019	1.00000 13

D13_RAW.txt

8:	11.54	5	10.71	0.09	1.4		5	3110.4	31
		20.69	18.34	16.37	14.73	13.02	11.17	77.1	2.00000
	9.74	8.35	6.85	5.72	4.64	3.89	3.08	1.102	13
*									
860N	840N ON	835N 860N	830N 12349N	820N 1150	810N 4	800N	780N 16:22:11	760N	740N
1:	113.72	3	3.67	0.60	0.7		5	628.3	62
		9.52	7.68	6.56	6.17	5.00	4.03	52.0	0.00391
	3.53	2.78	1.99	1.34	1.46	1.62	1.38	3.471	7
2:	74.69	-7	4.21	0.05	2.5		5	942.5	61
		8.31	7.20	6.40	5.56	4.92	4.39	31.1	1.00000
	3.85	3.21	2.79	2.33	1.86	1.44	1.12	3.497	13
3:	108.14	1	4.79	0.05	4.1		5	754.0	71
		9.85	8.49	7.53	6.65	5.83	5.05	36.0	1.00000
	4.31	3.66	3.09	2.56	2.10	1.71	1.40	1.376	13
4:	54.17	1	5.70	0.16	2.6		5	1256.7	59
		11.78	10.15	9.05	8.04	6.99	5.98	43.8	0.50000
	5.25	4.51	3.66	2.91	2.46	2.02	1.62	1.776	13
5:	26.53	-0	6.57	0.07	1.1		5	1885.0	43
		13.39	11.64	10.33	9.15	8.01	6.93	48.7	1.00000
	5.87	4.98	4.13	3.42	2.83	2.34	1.90	1.372	13
6:	27.31	2	7.91	0.02	1.1		5	1508.0	36
		15.92	13.91	12.43	11.04	9.66	8.35	59.0	1.00000
	7.18	6.08	5.11	4.19	3.48	2.87	2.40	1.611	13
7:	13.76	-3	10.06	0.19	1.5		5	2513.4	30
		19.76	17.41	15.58	13.76	11.99	10.57	73.3	1.00000
	9.08	7.68	6.46	5.24	4.32	3.56	2.96	1.313	13
8:	7.63	4	11.66	0.51	1.4		5	3770.2	25
		22.46	20.11	17.98	15.64	13.99	12.20	84.5	2.00000
	10.77	8.96	7.99	6.68	5.44	4.06	3.31	3.366	13
*									
870N	860N ON	855N 870N	850N 12369N	840N 1150	830N 4	820N	800N 16:25:24	780N	760N
1:	380.35	-1	3.80	0.04	0.5		5	188.5	62
		8.02	6.94	6.20	5.53	4.71	3.98	30.2	0.25000
	3.35	2.69	2.31	1.92	1.66	1.15	1.17	5.417	13
2:	166.99	-2	3.96	0.00	2.1		5	377.0	55
		8.52	7.29	6.41	5.58	4.89	4.18	33.1	0.12500
	3.53	2.97	2.44	2.01	1.60	1.32	1.03	1.111	13
3:	162.08	-1	4.01	0.02	3.9		5	377.0	53
		8.46	7.23	6.39	5.64	4.92	4.22	30.9	0.50000
	3.61	3.02	2.55	2.11	1.74	1.39	1.15	1.553	13
4:	75.80	-2	4.85	0.00	3.3		5	754.0	50
		9.84	8.51	7.58	6.70	5.89	5.09	36.1	2.00000
	4.36	3.69	3.12	2.60	2.17	1.76	1.48	1.861	13
5:	46.88	6	5.63	0.01	1.7		5	1256.7	51
		11.48	9.94	8.83	7.78	6.86	5.92	42.1	1.00000
	5.09	4.31	3.63	3.01	2.47	2.03	1.64	1.195	13
6:	38.12	-7	6.98	0.01	1.1		5	1099.6	36
		14.20	12.40	11.03	9.75	8.52	7.33	51.8	1.00000
	6.29	5.26	4.44	3.69	3.11	2.41	2.02	1.502	13

D13_RAW.txt

7:	14.28	8	9.25	0.00	1.5		5	1979.3	25	
	8.28	18.10	15.98	14.34	12.80	11.21	9.64	66.9	2.00000	
		6.94	5.91	4.92	4.08	3.21	2.78	1.655	13	
8:	7.72	-1	11.27	0.03	1.2		5	3110.4	21	
	10.31	22.29	19.38	17.22	14.91	13.60	12.07	81.6	2.00000	
		9.16	7.36	6.13	4.52	4.54	3.18	4.893	13	
*	880N	860N ON	855N 880N	850N 12369N	840N 950	830N 4	820N 16:28:15	800N	780N	760N
1:	130.77	-0	4.30	0.43	0.5		5	628.3	86	
	4.37	8.50	7.09	6.67	6.01	5.29	4.37	40.3	64.00000	
		3.28	2.65	2.71	2.55	2.14	1.10	8.279	11	
2:	67.20	-2	4.61	0.03	2.1		5	942.5	67	
	4.08	9.88	8.49	7.45	6.49	5.68	4.89	38.3	0.12500	
		3.43	2.84	2.30	1.82	1.48	1.25	1.679	13	
3:	74.09	-1	4.83	0.16	3.9		5	754.0	59	
	4.42	9.98	8.53	7.60	6.75	5.93	5.10	36.8	0.50000	
		3.71	3.14	2.44	2.00	1.60	1.37	2.247	13	
4:	38.12	-2	5.61	0.07	3.3		5	1256.7	50	
	5.11	11.41	9.85	8.77	7.75	6.80	5.88	42.1	2.00000	
		4.30	3.59	3.17	2.61	2.17	1.66	2.594	13	
5:	24.81	6	6.62	0.04	1.6		5	1885.0	49	
	5.97	13.35	11.64	10.36	9.14	8.05	6.97	48.9	1.00000	
		5.08	4.29	3.40	2.79	2.26	1.96	2.054	13	
6:	21.56	-7	8.21	0.10	1.1		5	1508.0	34	
	7.49	16.30	14.20	12.76	11.38	10.06	8.65	60.6	1.00000	
		6.32	5.34	4.35	3.59	2.91	2.33	0.961	13	
7:	8.84	9	10.96	1.09	1.5		5	2513.4	23	
	10.17	20.83	18.24	16.60	14.95	13.32	11.46	82.0	8.00000	
		8.60	7.24	4.78	3.69	2.82	3.10	1.174	9	
8:	5.11	-1	12.54	0.57	1.1		5	3770.2	20	
	10.52	25.12	22.82	20.15	17.47	15.30	13.40	100.0	0.12500	
		8.68	7.87	6.29	4.68	3.81	3.55	4.518	13	
*	890N	880N ON	875N 890N	870N 12389N	860N 900	850N 4	840N 16:31:08	820N	800N	780N
1:	275.10	-0	3.43	0.00	0.6		5	188.5	58	
	2.81	7.31	6.31	5.45	4.85	4.31	3.75	30.3	0.06250	
		2.36	1.99	1.79	1.52	1.02	0.88	5.175	13	
2:	167.69	-3	3.65	0.00	2.3		5	377.0	70	
	3.32	7.84	6.69	5.92	5.18	4.51	3.83	29.2	0.25000	
		2.79	2.30	1.87	1.51	1.25	0.97	1.461	13	
3:	193.25	-3	4.03	0.01	4.1		5	377.0	81	
	3.59	8.54	7.31	6.46	5.65	4.94	4.25	32.1	0.25000	
		3.02	2.51	2.08	1.70	1.37	1.10	1.130	13	
4:	88.57	1	4.94	0.00	2.4		5	754.0	74	
	4.39	10.37	8.95	7.88	6.93	6.10	5.25	37.8	0.50000	
		3.70	3.09	2.59	2.12	1.68	1.39	1.518	13	
5:	37.24	2	5.53	0.00	0.7		5	1256.7	52	
	4.90	11.23	9.73	8.60	7.60	6.69	5.83	41.1	1.00000	
		4.15	3.50	2.94	2.45	1.96	1.60	1.487	13	

D13_RAW.txt

6:	34.09	-3	6.95	0.03	0.6		5	1099.6	42
		13.74	12.03	10.69	9.50	8.43	7.35	51.3	2.00000
	6.23	5.29	4.48	3.81	3.15	2.53	2.14	1.716	13
7:	12.83	-4	9.36	0.09	0.8		5	1979.3	28
		18.39	16.25	14.55	12.89	11.38	9.86	68.5	1.00000
	8.44	7.15	6.00	4.99	4.08	3.31	2.66	0.617	13
8:	5.74	13	11.58	0.00	1.1		5	3110.4	20
		22.74	19.98	18.38	16.07	13.94	11.86	84.6	2.00000
	11.32	9.47	7.95	6.17	4.63	4.41	3.47	4.683	13

*

	900N	880N ON	875N 900N	870N 12389N	860N 1200	850N 4	840N 16:34:43	820N	800N	780N
1:	143.16		1	3.75	0.31	0.7		5	628.3	75
		8.24	6.86	6.19	5.61	4.98	4.10	31.9	0.12500	
	3.04	2.51	2.46	2.06	1.62	1.17	1.14	6.372		11
2:	98.11	-3	4.29	0.02	2.3		5	942.5	77	
		8.98	7.72	6.81	5.96	5.21	4.51	32.9	0.50000	
	3.90	3.29	2.71	2.21	1.82	1.51	1.18	1.481		13
3:	124.17	-3	4.63	0.01	4.1		5	754.0	78	
		9.70	8.34	7.37	6.48	5.69	4.89	35.7	0.50000	
	4.16	3.51	2.95	2.45	2.01	1.63	1.34	1.483		13
4:	62.42	1	5.73	0.06	2.5		5	1256.7	65	
		11.85	10.23	9.11	8.04	7.07	6.06	44.0	0.50000	
	5.11	4.30	3.67	3.07	2.50	2.01	1.66	1.577		13
5:	28.29	2	6.43	0.08	0.7		5	1885.0	44	
		13.08	11.32	10.08	8.94	7.87	6.79	47.9	2.00000	
	5.78	4.92	4.22	3.51	2.89	2.36	1.94	1.619		13
6:	27.63	-3	8.02	0.06	0.6		5	1508.0	35	
		15.87	13.91	12.46	11.10	9.79	8.47	59.0	2.00000	
	7.21	6.13	5.25	4.34	3.58	2.91	2.39	0.967		13
7:	11.36	-4	10.82	0.03	0.8		5	2513.4	24	
		20.91	18.58	16.64	14.80	13.11	11.39	78.1	2.00000	
	9.75	8.34	7.02	5.80	4.79	3.95	3.12	0.717		13
8:	5.52	12	13.38	0.36	1.1		5	3770.2	17	
		25.31	22.88	20.37	17.75	15.67	13.89	95.1	1.00000	
	12.52	10.75	8.30	6.92	5.69	4.81	3.49	3.640		13

*

	910N	900N ON	895N 910N	890N 12409N	880N 850	870N 4	860N 16:39:31	840N	820N	800N
1:	242.35	-3	3.54	0.10	0.9		5	188.5	54	
		7.77	6.67	5.63	4.81	4.47	3.73	31.6	0.06250	
	3.16	2.59	2.20	1.69	1.52	1.14	0.90	3.133		13
2:	137.84	-3	3.95	0.01	2.4		5	377.0	61	
		8.28	7.09	6.33	5.55	4.79	4.17	31.4	0.25000	
	3.53	2.98	2.48	2.05	1.65	1.35	1.06	1.175		13
3:	165.09	2	4.40	0.01	4.3		5	377.0	73	
		9.33	8.00	7.05	6.18	5.42	4.65	35.0	0.25000	
	3.94	3.31	2.76	2.27	1.85	1.51	1.21	1.078		13
4:	82.56	-0	4.75	0.03	2.7		5	754.0	73	
		9.97	8.59	7.56	6.63	5.84	5.02	36.5	0.50000	
	4.26	3.61	3.01	2.48	2.04	1.69	1.33	1.334		13

D13_RAW.txt

5:	46.02	0	5.45	0.02	0.7		5	1256.7	68
		11.22	9.70	8.60	7.58	6.65	5.75	40.8	1.00000
	4.90	4.16	3.48	2.89	2.40	1.96	1.58	1.352	13
6:	36.84	-5	7.09	0.05	0.4		5	1099.6	48
		14.44	12.62	11.10	9.70	8.70	7.46	52.6	1.00000
	6.40	5.37	4.53	3.72	3.13	2.51	2.05	1.354	13
7:	12.43	1	9.36	0.02	0.5		5	1979.3	29
		18.21	16.02	14.37	12.85	11.31	9.83	67.6	2.00000
	8.45	7.16	6.00	5.04	4.10	3.34	2.68	0.977	13
8:	5.58	4	12.19	0.36	0.9		5	3110.4	20
		22.54	19.90	18.91	17.00	14.17	12.65	87.2	4.00000
	10.99	9.68	7.94	6.89	5.36	4.41	3.40	3.153	13

*

	920N	900N ON	895N 920N	890N 12409N	880N 900	870N 4	860N 16:42:50	840N	820N	800N
1:	101.64	-3	3.99	0.18	0.9		5	628.3	71	
		8.73	6.91	6.83	6.35	5.17	3.81	35.2	0.06250	
	3.94	3.15	1.95	1.44	1.30	1.48	1.32	17.001	13	
2:	65.45	-3	4.58	0.04	2.4		5	942.5	69	
		9.49	8.25	7.19	6.30	5.58	4.89	35.0	0.50000	
	4.07	3.44	2.97	2.47	1.99	1.57	1.24	2.032	13	
3:	86.10	2	5.06	0.01	4.3		5	754.0	72	
		10.61	9.13	8.12	7.14	6.22	5.32	38.7	0.50000	
	4.56	3.83	3.16	2.60	2.15	1.76	1.43	1.357	13	
4:	46.49	0	5.54	0.05	2.7		5	1256.7	65	
		11.54	9.93	8.85	7.80	6.81	5.85	42.7	0.50000	
	5.01	4.23	3.50	2.91	2.43	1.97	1.61	1.506	13	
5:	27.36	0	6.41	0.01	0.7		5	1885.0	57	
		13.03	11.36	10.07	8.88	7.83	6.75	47.8	1.00000	
	5.77	4.89	4.11	3.41	2.82	2.30	1.87	1.148	13	
6:	23.60	-6	8.28	0.14	0.4		5	1508.0	40	
		16.71	14.46	13.16	11.72	10.19	8.60	61.1	1.00000	
	7.56	6.40	5.13	4.17	3.51	2.98	2.49	2.602	13	
7:	8.75	1	10.88	0.10	0.5		5	2513.4	24	
		20.85	18.72	16.63	14.78	13.18	11.52	78.8	2.00000	
	9.75	8.32	7.15	5.97	4.89	3.96	3.20	1.084	13	
8:	4.28	4	13.82	0.22	0.9		5	3770.2	18	
		25.46	23.81	20.08	17.29	15.99	15.19	97.6	4.00000	
	11.83	10.26	9.76	8.41	6.62	4.72	3.55	7.636	13	

*

	930N	920N ON	915N 930N	910N 12429N	900N 900	890N 4	880N 16:46:14	860N	840N	820N
1:	264.62	-2	4.15	0.62	2.5		5	188.5	55	
		8.32	7.39	6.52	5.85	5.06	4.27	31.5	0.50000	
	3.75	3.17	2.65	2.17	1.42	1.33	1.14	1.132	8	
2:	148.33	-1	4.04	0.12	3.0		5	377.0	62	
		8.64	7.37	6.52	5.73	5.00	4.28	32.1	0.25000	
	3.59	3.01	2.50	2.08	1.71	1.35	1.07	1.371	13	
3:	177.42	2	4.30	0.01	3.4		5	377.0	74	
		9.01	7.73	6.84	6.02	5.26	4.53	32.9	0.50000	
	3.86	3.25	2.72	2.24	1.83	1.49	1.19	1.204	13	

D13_RAW.txt

4:	85.46	-2	5.11	0.04	2.9		5	754.0	72
		10.54	9.12	8.10	7.14	6.26	5.39	38.3	1.00000
	4.61	3.90	3.28	2.73	2.22	1.81	1.48	1.332	13
5:	47.58	5	6.04	0.00	1.1		5	1256.7	66
		12.46	10.80	9.59	8.45	7.40	6.37	45.2	1.00000
	5.44	4.60	3.86	3.20	2.64	2.17	1.76	1.400	13
6:	43.57	-8	7.08	0.21	0.7		5	1099.6	53
		14.11	12.40	11.00	9.79	8.62	7.41	52.4	1.00000
	6.43	5.42	4.54	3.76	2.96	2.53	2.09	1.552	13
7:	15.33	-1	9.85	0.32	0.7		5	1979.3	34
		19.13	17.03	15.20	13.51	11.92	10.31	71.7	1.00000
	8.87	7.54	6.35	5.21	4.20	3.47	2.81	0.843	13
8:	6.20	5	11.92	1.37	0.8		5	3110.4	21
		24.10	20.82	18.59	16.53	14.56	12.78	87.0	1.00000
	10.76	9.06	7.63	6.51	6.11	4.51	3.73	1.155	9

*

	940N	920N ON	915N 940N	910N 12429N	900N 900	890N 4	880N 16:48:43	860N	840N	820N
1:	104.80	-3	3.32	0.86	2.5		5	628.3	73	
		9.50	7.88	6.95	5.76	4.85	3.79	85.2	0.00024	
	3.60	3.66	2.96	3.11	2.63	2.41	1.27	1.135	5	
2:	65.77	-1	4.74	0.13	2.9		5	942.5	69	
		9.42	8.20	7.26	6.38	5.67	4.98	36.0	0.25000	
	4.18	3.40	2.86	2.26	1.84	1.47	1.26	2.296	13	
3:	86.09	2	4.84	0.01	3.3		5	754.0	72	
		9.95	8.59	7.62	6.73	5.91	5.11	36.5	1.00000	
	4.37	3.72	3.12	2.61	2.15	1.76	1.40	1.418	13	
4:	44.71	-1	5.87	0.13	2.9		5	1256.7	62	
		11.87	10.29	9.16	8.07	7.17	6.19	44.4	4.00000	
	5.30	4.59	3.85	3.27	2.70	2.25	1.81	2.063	13	
5:	26.20	4	6.83	0.03	1.1		5	1885.0	55	
		13.87	12.09	10.77	9.51	8.36	7.20	50.9	1.00000	
	6.16	5.23	4.39	3.65	3.01	2.43	1.96	0.927	13	
6:	25.52	-8	7.90	0.08	0.7		5	1508.0	43	
		16.24	14.11	12.58	11.10	9.71	8.39	60.7	4.00000	
	7.20	6.46	5.34	4.64	3.84	3.24	2.37	3.340	13	
7:	9.95	-1	10.34	1.31	0.6		5	2513.4	28	
		20.95	18.45	16.54	14.60	12.87	10.96	76.8	1.00000	
	9.36	8.09	6.66	5.62	4.48	3.69	2.66	0.940	9	
8:	4.40	5	14.77	1.06	0.8		5	3770.2	18	
		25.30	23.54	21.32	19.18	17.46	15.33	100.2	0.50000	
	13.00	10.45	8.86	6.45	5.32	4.16	4.12	5.648	11	

*

	950N	940N ON	935N 950N	930N 12449N	920N 900	910N 4	900N 16:51:33	880N	860N	840N
1:	286.19	-6	3.81	0.01	2.2		5	188.5	60	
		8.74	7.70	6.87	5.76	5.09	4.10	36.2	0.06250	
	3.43	2.91	2.50	2.06	1.70	1.34	1.03	2.664	13	
2:	144.12	2	4.13	0.00	2.3		5	377.0	60	
		8.58	7.27	6.38	5.73	4.96	4.32	32.3	0.25000	
	3.71	3.11	2.55	2.07	1.66	1.40	1.11	1.745	13	

D13_RAW.txt

3:	156.01	0	3.90	0.03	2.8		5	377.0	65
		8.26	7.13	6.31	5.51	4.82	4.12	30.3	0.50000
	3.50	2.96	2.49	2.08	1.72	1.39	1.10	1.535	13
4:	78.51	-3	4.74	0.00	2.9		5	754.0	66
		9.69	8.39	7.47	6.58	5.79	5.00	36.2	0.50000
	4.27	3.61	3.02	2.51	2.05	1.65	1.32	1.037	13
5:	43.20	8	5.31	0.01	1.7		5	1256.7	60
		10.68	9.29	8.26	7.30	6.46	5.58	39.5	1.00000
	4.79	4.05	3.41	2.84	2.32	1.89	1.52	0.967	13
6:	38.40	-5	7.07	0.04	1.5		5	1099.6	47
		14.09	12.40	11.13	9.75	8.66	7.48	52.8	2.00000
	6.38	5.48	4.67	3.94	3.21	2.66	2.18	1.588	13
7:	15.25	-5	9.32	0.00	0.6		5	1979.3	34
		18.43	16.42	14.67	12.94	11.41	9.86	68.5	1.00000
	8.41	7.09	6.02	5.02	4.09	3.26	2.63	0.829	13
8:	6.67	4	12.91	0.11	0.6		5	3110.4	23
		23.51	20.39	18.20	16.83	14.77	13.36	88.3	1.00000
	11.63	9.78	7.98	6.23	5.05	4.24	3.54	3.667	13

*

	960N	940N ON	935N 960N	930N 12449N	920N 1200	910N 4	900N 16:54:55	880N	860N	840N
1:	143.70	-6	4.60	0.07	2.2		5	628.3	75	
		9.93	8.56	7.76	6.88	6.14	5.02	36.9	0.50000	
	4.14	3.52	3.16	2.47	2.20	1.59	1.37	3.388	13	
2:	82.67	1	4.87	0.06	2.3		5	942.5	65	
		10.22	8.84	7.75	6.79	5.91	5.14	37.2	0.50000	
	4.42	3.72	3.00	2.56	2.04	1.70	1.35	1.651	13	
3:	100.09	0	4.76	0.04	2.8		5	754.0	63	
		9.83	8.47	7.54	6.65	5.85	5.03	35.8	1.00000	
	4.27	3.63	3.07	2.53	2.10	1.68	1.38	1.363	13	
4:	55.18	-3	5.76	0.02	3.0		5	1256.7	58	
		11.57	10.07	8.99	7.96	7.02	6.07	42.7	2.00000	
	5.20	4.42	3.73	3.09	2.57	2.09	1.69	1.284	13	
5:	32.15	7	6.52	0.04	1.7		5	1885.0	51	
		12.93	11.31	10.10	8.96	7.91	6.85	48.1	2.00000	
	5.89	5.01	4.23	3.50	2.90	2.38	1.94	1.011	13	
6:	30.45	-4	8.38	0.11	1.4		5	1508.0	38	
		16.42	14.50	13.00	11.56	10.23	8.82	61.1	2.00000	
	7.57	6.45	5.44	4.49	3.72	2.98	2.42	1.006	13	
7:	13.28	-4	10.90	0.07	0.6		5	2513.4	28	
		21.14	18.70	16.86	15.05	13.32	11.48	78.7	2.00000	
	9.83	8.42	7.13	5.85	4.84	3.87	3.13	1.041	13	
8:	6.44	3	14.33	0.29	0.6		5	3770.2	20	
		26.72	23.96	21.15	18.71	16.36	14.93	99.1	1.00000	
	13.02	10.64	8.79	7.48	5.67	4.70	3.93	2.751	13	

*

	970N	960N ON	955N 970N	950N 12469N	940N 900	930N 4	920N 16:58:40	900N	880N	860N
1:	235.80	-1	3.49	0.21	2.8		5	188.5	49	
		7.03	5.73	4.74	4.25	4.20	3.57	25.4	4.00000	
	3.01	2.63	2.47	1.86	1.61	1.14	0.79	6.777	12	

D13_RAW.txt

2:	123.96	2	3.24	0.11	2.8		5	377.0	52
		7.00	6.03	5.47	4.78	4.00	3.45	27.6	0.12500
	2.95	2.40	1.93	1.65	1.33	1.12	0.93	2.857	13
3:	163.54	-1	4.25	0.01	2.5		5	377.0	69
		9.03	7.72	6.76	5.93	5.24	4.48	33.6	0.25000
	3.80	3.16	2.67	2.18	1.80	1.43	1.11	1.500	13
4:	84.57	-4	5.61	0.04	2.4		5	754.0	71
		11.64	10.05	8.86	7.80	6.89	5.91	42.7	0.50000
	5.03	4.26	3.58	2.94	2.42	1.93	1.53	1.275	13
5:	40.99	6	5.72	0.01	1.0		5	1256.7	57
		11.60	10.06	8.91	7.88	6.96	6.02	42.8	1.00000
	5.17	4.38	3.70	3.06	2.54	2.06	1.68	1.338	13
6:	38.37	-4	7.24	0.00	1.3		5	1099.6	47
		14.18	12.43	11.05	9.86	8.73	7.60	52.9	2.00000
	6.51	5.53	4.74	3.87	3.24	2.62	2.10	1.049	13
7:	14.58	0	9.68	0.02	2.4		5	1979.3	32
		18.94	16.80	15.14	13.43	11.83	10.21	71.1	1.00000
	8.76	7.42	6.20	5.18	4.27	3.44	2.79	0.706	13
8:	6.95	1	11.43	1.03	2.0		5	3110.4	24
		23.57	22.08	21.67	19.01	14.45	12.45	111.9	0.03125
	10.76	8.72	5.92	6.20	4.52	4.13	3.93	8.638	10

*

	980N	960N ON	955N 980N	950N 12469N	940N 900	930N 4	920N 17:01:11	900N	880N	860N
1:	102.98	-0	3.96	0.00	2.8		5	628.3	72	
		7.96	7.24	6.42	5.61	4.64	4.07	32.3	0.12500	
	3.69	3.12	2.15	1.86	1.36	0.95	1.59	17.399	13	
2:	60.94	2	3.97	0.00	2.8		5	942.5	64	
		8.41	7.08	6.29	5.56	4.90	4.22	30.2	1.00000	
	3.51	3.03	2.63	2.17	1.84	1.54	1.02	4.984	13	
3:	87.50	-1	4.97	0.00	2.5		5	754.0	73	
		10.50	9.09	8.01	7.04	6.11	5.24	39.6	0.25000	
	4.49	3.75	3.10	2.55	2.08	1.67	1.41	1.479	13	
4:	48.60	-4	6.42	0.00	2.5		5	1256.7	68	
		13.20	11.53	10.22	9.03	7.86	6.76	49.0	0.50000	
	5.82	4.88	4.04	3.37	2.75	2.21	1.86	1.256	13	
5:	24.79	6	6.67	0.02	1.0		5	1885.0	52	
		13.42	11.72	10.44	9.26	8.08	7.02	49.6	1.00000	
	6.03	5.11	4.27	3.56	2.92	2.37	1.97	1.145	13	
6:	24.49	-4	8.34	0.03	1.2		5	1508.0	41	
		16.28	14.41	12.90	11.52	10.12	8.76	60.7	2.00000	
	7.58	6.43	5.36	4.44	3.65	2.95	2.45	0.982	13	
7:	10.01	-0	10.88	0.01	2.3		5	2513.4	28	
		21.24	18.80	16.85	14.93	13.18	11.41	78.5	1.00000	
	9.82	8.27	6.91	5.75	4.63	3.74	2.97	1.228	13	
8:	5.16	1	13.80	0.00	1.8		5	3770.2	22	
		25.86	22.50	20.39	17.72	16.51	14.94	97.0	2.00000	
	11.53	10.29	9.42	8.03	6.97	6.18	2.66	15.353	13	

*

	990N	980N ON	975N 990N	970N 12489N	960N 900	950N 4	940N 17:04:12	920N	900N	880N
--	------	------------	--------------	----------------	-------------	-----------	------------------	------	------	------

D13_RAW.txt

1:	255.90	-5	3.55	0.10	2.8		5	188.5	54
		7.73	6.76	6.04	5.28	4.63	3.77	29.5	0.25000
	3.18	2.88	2.44	1.82	1.62	1.37	0.91	4.927	13
2:	115.42	1	3.89	0.08	2.5		5	377.0	48
		7.95	6.70	5.97	5.22	4.61	4.09	29.0	0.50000
	3.51	2.83	2.31	2.04	1.60	1.26	1.08	2.571	13
3:	156.78	-1	4.31	0.07	2.7		5	377.0	66
		9.10	7.92	7.00	6.08	5.34	4.56	33.5	0.50000
	3.86	3.34	2.82	2.27	1.89	1.57	1.18	1.999	13
4:	78.73	1	4.68	0.19	2.9		5	754.0	66
		9.83	8.52	7.48	6.52	5.74	4.94	36.1	0.50000
	4.22	3.59	3.00	2.48	2.06	1.68	1.29	1.680	13
5:	45.80	4	5.91	0.06	1.0		5	1256.7	64
		12.28	10.65	9.43	8.28	7.25	6.24	45.3	0.50000
	5.30	4.49	3.76	3.10	2.56	2.08	1.68	1.137	13
6:	41.33	-3	7.54	0.01	1.1		5	1099.6	50
		15.25	13.38	11.96	10.59	9.29	7.96	57.3	0.50000
	6.80	5.72	4.78	3.96	3.28	2.66	2.09	0.866	13
7:	15.13	1	9.55	0.62	1.2		5	1979.3	33
		18.42	16.33	14.75	13.10	11.60	10.04	69.1	2.00000
	8.60	7.31	6.17	5.05	4.20	3.43	3.01	0.550	12
8:	6.74	4	13.21	0.13	1.5		5	3110.4	23
		23.37	20.42	18.23	16.22	14.73	13.73	88.3	4.00000
	11.69	8.99	7.57	7.18	5.55	3.96	3.96	5.891	13

*

	1000N	980N ON	975N 1000N	970N 12489N	960N 900	950N 4	940N 17:07:17	920N	900N	880N
1:	98.01	-5	4.49	0.13	2.8		5	628.3	68	
		8.97	7.94	7.21	5.96	5.41	4.70	33.1	2.00000	
	3.94	3.31	2.86	2.38	1.96	1.61	1.38	2.929	13	
2:	49.88	1	4.54	0.05	2.5		5	942.5	52	
		9.27	7.91	6.94	6.37	5.56	4.80	34.0	1.00000	
	4.16	3.50	2.93	2.42	2.00	1.61	1.27	1.682	13	
3:	74.74	-2	5.15	0.04	2.8		5	754.0	63	
		10.50	9.13	8.17	7.10	6.28	5.42	38.6	1.00000	
	4.62	3.91	3.30	2.74	2.27	1.85	1.53	1.436	13	
4:	41.09	1	5.60	0.01	2.9		5	1256.7	57	
		11.33	9.83	8.75	7.72	6.81	5.90	42.0	1.00000	
	5.04	4.29	3.62	3.01	2.49	2.04	1.66	1.527	13	
5:	25.34	4	6.88	0.02	1.0		5	1885.0	53	
		14.12	12.30	10.94	9.63	8.46	7.27	52.5	0.50000	
	6.20	5.21	4.38	3.64	2.97	2.42	1.96	0.970	13	
6:	24.34	-4	8.68	0.02	1.0		5	1508.0	41	
		17.30	15.22	13.61	12.01	10.58	9.15	64.1	1.00000	
	7.83	6.62	5.59	4.63	3.82	3.10	2.52	0.773	13	
7:	9.78	1	10.81	0.08	1.2		5	2513.4	27	
		20.84	18.49	16.65	14.78	13.16	11.40	77.6	2.00000	
	9.76	8.30	6.95	5.74	4.71	3.83	3.10	0.858	13	
8:	4.75	4	13.45	0.18	1.5		5	3770.2	20	
		25.33	22.19	19.33	18.79	16.06	14.46	95.0	2.00000	
	12.63	10.96	8.54	7.14	6.04	4.65	3.55	4.518	13	

D13_RAW.txt

*	1010N	1000N ON	995N 1010N	990N 12509N	980N 900	970N 4	960N 17:10:14	940N	920N	900N
1:	214.42		-5 7.68	3.65 6.56	0.05 5.78	2.4 4.89		5 3.80	188.5 29.6	45 0.12500
	3.16		2.73	2.25	1.78	1.44	1.09	0.94	2.888	13
2:	132.63		4 8.32	4.09 7.21	0.04 6.44	2.2 5.83		5 4.33	377.0 30.9	56 2.00000
	3.77		3.14	2.64	2.23	1.85	1.53	1.22	1.573	13
3:	158.69		-2 9.47	4.61 8.15	0.01 7.23	3.3 6.30		5 4.83	377.0 35.0	66 0.50000
	4.10		3.51	2.93	2.39	1.97	1.57	1.30	1.441	13
4:	76.01		-2 10.84	5.37 9.42	0.01 8.39	3.3 7.41		5 5.65	754.0 39.9	64 2.00000
	4.84		4.13	3.47	2.89	2.40	1.96	1.61	1.441	13
5:	42.19		6 12.30	6.06 10.70	0.00 9.51	1.0 8.37		5 6.38	1256.7 45.3	59 1.00000
	5.46		4.63	3.91	3.23	2.67	2.17	1.77	1.140	13
6:	40.39		-3 14.37	7.03 12.52	0.02 11.13	0.9 9.72		5 7.40	1099.6 53.3	49 0.50000
	6.30		5.37	4.49	3.66	3.02	2.42	1.98	1.077	13
7:	16.08		-1 19.31	9.81 16.97	0.08 15.20	1.0 13.57		5 10.34	1979.3 71.7	35 1.00000
	8.85		7.42	6.29	5.20	4.26	3.52	2.81	0.767	13
8:	7.00		6 21.47	11.98 19.81	0.27 18.38	1.4 17.98		5 13.02	3110.4 116.5	24 128.00000
	11.82		9.42	7.98	7.51	6.20	5.85	4.43	5.499	13

*	1020N	1000N ON	995N 1020N	990N 12509N	980N 900	970N 4	960N 17:12:54	940N	920N	900N
1:	94.32		-4 9.75	4.99 8.63	0.12 7.57	2.4 6.47		5 5.14	628.3 39.2	66 0.12500
	4.10		3.16	3.41	2.48	2.18	1.46	1.11	7.843	13
2:	65.39		4 10.00	4.74 8.55	0.07 7.68	2.2 6.86		5 5.07	942.5 36.7	68 1.00000
	4.49		3.98	2.85	2.57	2.02	1.83	1.52	4.675	13
3:	85.43		-2 11.25	5.66 9.91	0.05 8.77	3.3 7.67		5 5.92	754.0 42.5	72 0.50000
	4.96		4.08	3.73	2.96	2.50	1.91	1.53	2.612	13
4:	44.18		-2 12.60	6.25 10.98	0.01 9.76	3.3 8.62		5 6.58	1256.7 46.5	62 1.00000
	5.61		4.76	4.02	3.34	2.76	2.24	1.82	1.113	13
5:	25.85		6 14.07	7.00 12.33	0.02 10.96	0.9 9.67		5 7.38	1885.0 52.0	54 1.00000
	6.28		5.29	4.52	3.74	3.09	2.50	2.02	1.018	13
6:	26.22		-3 16.32	8.14 14.37	0.05 12.74	0.9 11.21		5 8.56	1508.0 59.6	44 1.00000
	7.26		6.05	5.27	4.28	3.56	2.79	2.27	1.479	13
7:	11.20		-1 21.02	10.68 18.71	0.05 16.90	1.0 14.89		5 11.28	2513.4 77.9	31 2.00000
	9.73		8.28	6.88	5.73	4.71	3.89	3.16	0.933	13

D13_RAW.txt

8:	5.24	6	10.95	0.45	1.3		5	3770.2	22
		22.97	19.43	18.43	16.76	14.60	11.87	88.0	8.00000
	11.70	11.21	5.78	6.31	4.28	4.84	4.55	15.054	13

*
 1030N 1020N 1015N 1010N 1000N 990N 980N 960N 940N 920N
 ON ON 1030N 12529N 900 4 17:16:06|

1:	213.37	-1	3.61	0.05	1.0		5	188.5	45
		7.30	6.33	5.74	5.03	4.47	3.72	27.3	1.00000
	3.29	2.86	2.30	1.89	1.55	1.36	1.08	2.471	13

2:	117.42	-2	3.62	0.01	2.7		5	377.0	49
		7.24	6.22	5.56	4.93	4.35	3.81	26.8	2.00000
	3.25	2.74	2.30	1.94	1.63	1.30	1.06	1.551	13

3:	131.67	1	4.00	0.02	4.6		5	377.0	55
		8.19	7.06	6.28	5.55	4.87	4.22	30.1	1.00000
	3.61	3.07	2.57	2.13	1.76	1.44	1.16	1.234	13

4:	84.09	-1	5.44	0.00	3.1		5	754.0	70
		11.17	9.71	8.64	7.61	6.68	5.73	41.8	0.50000
	4.93	4.15	3.50	2.88	2.35	1.93	1.56	1.248	13

5:	49.06	5	6.23	0.00	1.4		5	1256.7	69
		12.62	11.00	9.77	8.64	7.59	6.56	46.6	1.00000
	5.61	4.75	4.00	3.33	2.75	2.26	1.83	1.238	13

6:	42.68	-6	7.23	0.02	1.2		5	1099.6	52
		14.56	12.75	11.39	10.05	8.83	7.59	53.9	1.00000
	6.54	5.55	4.67	3.87	3.18	2.63	2.11	1.070	13

7:	17.29	4	8.83	0.01	1.0		5	1979.3	38
		17.77	15.63	13.92	12.31	10.81	9.29	65.1	1.00000
	8.03	6.79	5.71	4.69	3.79	3.14	2.48	1.054	13

8:	7.92	4	11.96	0.13	0.9		5	3110.4	27
		23.45	20.27	18.09	16.13	13.97	12.77	84.6	1.00000
	10.36	8.25	7.45	6.43	5.02	4.04	3.37	2.890	13

*
 1040N 1020N 1015N 1010N 1000N 990N 980N 960N 940N 920N
 ON ON 1040N 12529N 900 4 17:18:55|

1:	93.33	-1	4.24	0.12	1.0		5	628.3	65
		8.37	7.22	6.51	5.72	5.42	4.57	32.4	0.25000
	3.68	2.55	2.69	2.37	1.75	1.29	1.07	7.410	13

2:	57.53	-2	4.20	0.03	2.7		5	942.5	60
		8.41	7.29	6.49	5.74	5.01	4.41	31.3	2.00000
	3.83	3.32	2.72	2.22	1.84	1.57	1.26	1.954	13

3:	71.36	1	4.67	0.00	4.6		5	754.0	60
		9.51	8.23	7.32	6.45	5.68	4.91	35.1	1.00000
	4.21	3.56	3.02	2.52	2.09	1.68	1.37	1.494	13

4:	49.32	-1	6.17	0.00	3.1		5	1256.7	69
		12.55	10.92	9.70	8.57	7.55	6.49	46.0	1.00000
	5.53	4.64	3.96	3.29	2.72	2.20	1.80	1.252	13

5:	30.12	5	6.91	0.02	1.3		5	1885.0	63
		14.00	12.22	10.86	9.59	8.44	7.28	51.5	1.00000
	6.23	5.25	4.43	3.68	3.05	2.47	2.01	1.040	13

6:	27.52	-6	7.95	0.02	1.2		5	1508.0	46
		15.96	13.97	12.48	10.98	9.71	8.36	58.8	1.00000
	7.12	5.96	5.09	4.26	3.46	2.84	2.35	1.304	13

D13_RAW.txt

7:	11.95	4	9.47	0.02	0.9		5	2513.4	33
	8.51	7.00	6.11	4.95	4.12	11.63	9.99	71.3	0.50000
						3.26	2.70	1.328	13

8:	5.85	4	12.35	0.52	0.9		5	3770.2	25
	11.42	24.75	21.79	19.21	17.22	14.22	12.69	91.4	4.00000
		11.48	7.67	6.36	5.32	5.11	4.10	7.339	13

*
 1050N 1040N 1035N 1030N 1020N 1010N 1000N 980N 960N 940N
 ON 1050N 12549N 800 4 17:22:13|

1:	202.06	-1	3.58	0.03	1.3		5	188.5	48
	3.29	7.52	6.30	5.63	4.89	4.32	3.75	27.3	0.50000
		2.73	2.20	1.89	1.47	1.23	0.99	2.134	13

2:	116.53	-6	3.87	0.01	2.9		5	377.0	55
	3.47	8.05	6.93	6.14	5.43	4.75	4.09	29.9	0.50000
		2.95	2.48	2.04	1.69	1.37	1.11	1.314	13

3:	135.41	2	4.36	0.02	4.8		5	377.0	64
	3.94	8.96	7.72	6.86	6.06	5.33	4.60	32.8	1.00000
		3.34	2.80	2.32	1.92	1.56	1.25	1.226	13

4:	63.93	-1	4.97	0.05	3.0		5	754.0	60
	4.51	9.90	8.58	7.67	6.80	6.01	5.22	37.4	4.00000
		3.85	3.25	2.73	2.26	1.87	1.53	1.641	13

5:	33.49	6	5.42	0.02	1.5		5	1256.7	53
	4.90	10.97	9.50	8.46	7.46	6.57	5.70	40.3	2.00000
		4.16	3.51	2.93	2.42	1.99	1.62	1.517	13

6:	40.03	-3	7.26	0.04	1.5		5	1099.6	55
	6.57	14.64	12.80	11.42	10.03	8.82	7.64	54.2	1.00000
		5.56	4.67	3.90	3.21	2.66	2.14	1.391	13

7:	15.02	-3	8.71	0.11	1.4		5	1979.3	37
	7.85	17.52	15.41	13.74	12.10	10.65	9.18	64.5	1.00000
		6.64	5.58	4.64	3.84	3.15	2.52	0.908	13

8:	7.09	11	10.32	0.03	1.2		5	3110.4	28
	9.18	20.66	18.74	16.66	14.75	12.88	11.02	78.3	0.50000
		7.87	6.94	5.49	4.84	3.61	2.60	4.327	13

*
 1060N 1040N 1035N 1030N 1020N 1010N 1000N 980N 960N 940N
 ON 1060N 12549N 800 4 17:24:59|

1:	78.09	-0	3.93	0.23	1.4		5	628.3	61
	4.16	9.45	8.22	7.18	5.43	4.33	4.22	33.0	0.50000
		3.66	2.65	2.54	1.78	1.35	1.26	10.105	13

2:	51.34	-6	4.52	0.01	2.9		5	942.5	60
	4.00	9.05	7.77	6.91	6.21	5.56	4.76	33.5	1.00000
		3.35	2.88	2.38	1.97	1.63	1.30	1.594	13

3:	65.75	2	4.96	0.01	4.8		5	754.0	62
	4.50	10.13	8.78	7.81	6.85	6.00	5.23	37.1	2.00000
		3.84	3.21	2.71	2.23	1.83	1.48	1.706	13

4:	33.76	-2	5.51	0.03	3.0		5	1256.7	53
	5.01	11.00	9.60	8.59	7.55	6.63	5.80	40.9	2.00000
		4.30	3.61	3.04	2.50	1.98	1.59	1.641	13

5:	18.94	6	6.09	0.04	1.5		5	1885.0	45
	5.54	12.32	10.74	9.57	8.38	7.36	6.42	45.5	2.00000
		4.73	3.94	3.31	2.76	2.26	1.86	1.673	13

D13_RAW.txt

6:	24.01	-3	7.94	0.11	1.5		5	1508.0	45
		16.10	14.19	12.60	10.95	9.59	8.35	59.1	1.00000
	7.21	6.17	5.13	4.31	3.49	2.83	2.32	1.316	13
7:	9.71	-4	9.48	0.15	1.4		5	2513.4	30
		18.82	16.64	14.89	13.10	11.49	9.99	69.7	1.00000
	8.57	7.24	6.11	5.02	4.12	3.35	2.75	0.656	13
8:	4.98	11	11.41	0.63	1.2		5	3770.2	23
		19.93	17.53	15.47	15.89	15.26	11.87	76.8	2.00000
	8.65	6.90	6.71	5.66	4.95	4.09	2.94	9.034	12

*

	1070N	1060N ON	1055N 1070N	1050N 12569N	1040N 978	1030N 4	1020N 17:28:23	1000N	980N	960N
1:	275.26	-0	3.68	0.09	2.0		5	188.5	53	
		7.41	6.36	5.64	4.96	4.34	3.82	28.2	0.25000	
	3.22	2.73	2.18	1.85	1.55	1.14	0.94	2.327	13	
2:	146.05	-1	3.86	0.01	3.1		5	377.0	56	
		8.14	6.96	6.18	5.42	4.75	4.08	29.9	0.50000	
	3.49	2.93	2.45	2.03	1.67	1.37	1.11	1.498	13	
3:	185.87	-1	4.26	0.02	4.7		5	377.0	72	
		8.77	7.54	6.69	5.89	5.19	4.50	32.0	1.00000	
	3.84	3.26	2.72	2.27	1.87	1.53	1.24	1.432	13	
4:	77.98	-3	4.98	0.02	3.4		5	754.0	60	
		10.20	8.81	7.81	6.88	6.05	5.24	37.4	1.00000	
	4.48	3.80	3.18	2.66	2.21	1.80	1.48	1.623	13	
5:	43.31	9	5.64	0.03	2.6		5	1256.7	56	
		11.47	9.94	8.81	7.79	6.87	5.94	42.0	2.00000	
	5.10	4.34	3.66	3.05	2.53	2.07	1.70	1.612	13	
6:	37.31	-5	6.45	0.03	2.2		5	1099.6	42	
		12.84	11.17	9.93	8.80	7.79	6.81	47.7	2.00000	
	5.81	4.96	4.16	3.47	2.86	2.47	1.92	1.860	13	
7:	18.60	0	8.66	0.02	1.0		5	1979.3	38	
		17.41	15.22	13.55	11.94	10.51	9.09	63.5	1.00000	
	7.73	6.57	5.45	4.55	3.75	3.11	2.46	1.070	13	
8:	8.13	3	9.95	0.11	1.5		5	3110.4	26	
		20.10	17.87	16.19	13.97	12.18	10.51	73.6	2.00000	
	9.02	7.58	6.35	5.26	4.31	3.86	3.19	3.424	13	

*

	1080N	1060N ON	1055N 1080N	1050N 12569N	1040N 786	1030N 4	1020N 17:31:16	1000N	980N	960N
1:	94.40	1	4.72	0.02	1.9		6	628.3	75	
		9.00	7.30	6.26	5.04	4.83	5.07	41.6	0.01563	
	4.15	2.99	2.34	1.72	1.62	1.18	0.84	10.713	13	
2:	56.62	-1	4.29	0.00	3.1		6	942.5	68	
		9.17	7.98	7.14	6.36	5.47	4.51	33.6	1.00000	
	3.88	3.39	2.88	2.45	1.92	1.59	1.33	2.694	13	
3:	78.64	-1	4.86	0.00	4.7		6	754.0	75	
		9.98	8.57	7.56	6.63	5.85	5.13	36.1	1.00000	
	4.38	3.67	3.07	2.53	2.12	1.72	1.39	1.624	13	
4:	35.68	-3	5.60	0.01	3.4		6	1256.7	57	
		11.39	9.82	8.70	7.61	6.72	5.91	41.4	1.00000	
	5.03	4.20	3.53	2.90	2.45	1.99	1.60	1.531	13	

D13_RAW.txt

5:	20.85	9	6.22	0.00	2.5		6	1885.0	50
		12.67	10.98	9.73	8.56	7.56	6.56	46.4	1.00000
	5.61	4.72	3.98	3.30	2.76	2.24	1.81	1.394	13
6:	19.02	-5	7.11	0.01	2.1		6	1508.0	36
		14.16	12.32	10.87	9.48	8.41	7.51	51.7	1.00000
	6.39	5.31	4.43	3.66	3.06	2.44	2.01	1.514	13
7:	10.22	0	9.20	0.03	1.0		6	2513.4	33
		18.71	16.40	14.32	12.60	11.09	9.76	68.7	0.50000
	8.22	6.91	5.73	4.73	3.95	3.14	2.55	1.135	13
8:	4.78	2	10.07	0.00	1.5		6	3770.2	23
		21.17	18.91	16.93	15.23	13.03	10.59	77.6	2.00000
	9.04	8.15	6.92	5.88	4.61	3.89	3.33	3.652	13

*
 1090N 1080N 1075N 1070N 1060N 1050N 1040N 1020N 1000N 980N
 ON ON 1090N 12589N 786 4 17:34:25|

1:	205.17	-2	2.70	0.29	0.8		5	188.5	49
		6.49	5.58	4.73	4.12	4.36	3.21	28.5	32.00000
	2.88	2.96	2.35	1.96	1.25	1.20	1.01	7.432	10
2:	115.77	-4	3.40	0.05	3.1		5	377.0	56
		7.30	6.16	5.44	4.78	4.11	3.56	28.2	0.12500
	3.03	2.48	2.06	1.70	1.41	1.12	0.87	1.429	13
3:	136.45	-1	3.91	0.01	5.6		5	377.0	65
		8.25	7.06	6.22	5.48	4.80	4.13	30.1	0.50000
	3.53	2.98	2.48	2.05	1.69	1.37	1.07	1.479	13
4:	74.46	4	4.84	0.02	3.5		5	754.0	71
		10.13	8.72	7.71	6.77	5.92	5.11	37.3	0.50000
	4.35	3.67	3.08	2.56	2.11	1.72	1.36	1.377	13
5:	42.19	3	5.43	0.01	1.3		5	1256.7	67
		11.24	9.71	8.61	7.56	6.67	5.73	41.2	1.00000
	4.93	4.22	3.53	2.93	2.44	2.00	1.64	1.871	13
6:	32.51	-10	6.10	0.00	4.8		5	1099.6	45
		13.07	11.23	9.92	8.61	7.43	6.50	46.8	1.00000
	5.44	4.85	3.93	3.42	2.91	2.47	1.62	5.314	13
7:	11.98	7	7.55	0.00	4.6		5	1979.3	30
		15.48	13.40	12.39	10.69	9.30	8.24	84.7	256.00000
	7.26	7.15	5.83	4.13	3.31	3.72	3.59	11.480	13
8:	6.97	7	10.14	0.08	1.1		5	3110.4	28
		20.35	17.86	16.13	14.01	11.80	10.45	80.5	0.12500
	9.00	7.17	5.96	4.91	4.21	3.31	2.44	2.626	13

*
 1100N 1080N 1075N 1070N 1060N 1050N 1040N 1020N 1000N 980N
 ON ON 1100N 12589N 786 4 17:37:13|

1:	80.35	-1	3.66	0.76	0.9		5	628.3	64
		8.16	7.41	6.47	4.55	6.15	5.17	77.0	4096.00000
	2.52	4.08	2.82	2.46	2.72	2.52	1.34	12.975	7
2:	50.64	-4	3.95	0.07	3.1		5	942.5	61
		8.36	7.12	6.29	5.61	4.70	4.04	31.3	0.25000
	3.66	2.88	2.47	2.04	1.63	1.29	1.12	2.616	13
3:	65.88	-1	4.56	0.00	5.6		5	754.0	63
		9.55	8.20	7.25	6.38	5.63	4.84	34.5	1.00000
	4.10	3.50	2.93	2.44	2.01	1.64	1.32	1.651	13

D13_RAW.txt

4:	39.15	5	5.54	0.01	3.5		5	1256.7	63
		11.47	9.92	8.78	7.73	6.76	5.84	41.5	1.00000
	4.98	4.21	3.54	2.94	2.43	1.99	1.61	1.544	13
5:	23.43	2	6.14	0.05	1.2		5	1885.0	56
		12.66	10.99	9.74	8.52	7.55	6.51	46.4	1.00000
	5.52	4.74	3.96	3.31	2.78	2.27	1.81	1.747	13
6:	19.23	-11	7.29	0.00	4.1		5	1508.0	37
		14.40	12.56	11.18	9.84	8.73	7.59	52.9	1.00000
	6.42	5.56	4.67	3.93	3.22	2.55	1.83	3.608	13
7:	7.74	8	9.56	1.15	3.9		5	2513.4	25
		17.68	15.13	14.22	13.29	12.33	10.27	69.1	4.00000
	8.52	6.93	5.63	4.84	5.09	4.17	3.29	4.245	8
8:	4.88	7	10.55	0.23	1.2		5	3770.2	23
		21.06	18.34	16.48	14.86	12.17	10.51	79.1	0.25000
	9.77	7.48	6.48	5.29	4.03	3.19	2.79	3.632	13

*

	1110N	1100N ON	1095N 1110N	1090N 12609N	1080N 786	1070N 4	1060N 17:40:11	1040N	1020N	1000N
1:	218.70	-2	3.55	0.01	2.3		5	188.5	52	
		8.14	7.00	6.25	5.63	4.84	3.52	30.3	0.25000	
	3.56	2.58	2.43	1.97	1.71	1.24	1.04	5.827	13	
2:	120.70	-5	3.93	0.00	2.9		5	377.0	58	
		8.59	7.31	6.39	5.55	4.82	4.20	35.1	0.06250	
	3.48	2.96	2.41	1.97	1.58	1.28	1.00	1.411	13	
3:	135.96	1	4.12	0.01	3.1		5	377.0	65	
		8.89	7.59	6.69	5.84	5.09	4.36	33.1	0.25000	
	3.70	3.11	2.61	2.15	1.76	1.43	1.14	1.372	13	
4:	61.52	-1	4.46	0.01	3.0		5	754.0	59	
		9.43	8.12	7.22	6.36	5.56	4.68	34.2	1.00000	
	4.11	3.40	2.92	2.41	2.04	1.61	1.33	1.994	13	
5:	34.04	3	5.31	0.02	1.8		5	1256.7	54	
		10.98	9.45	8.37	7.38	6.46	5.59	39.8	1.00000	
	4.79	4.04	3.40	2.84	2.33	1.90	1.52	1.470	13	
6:	35.09	-2	6.49	0.00	1.6		5	1099.6	49	
		13.34	11.60	10.32	9.16	7.95	6.79	48.9	1.00000	
	5.99	5.00	4.20	3.50	2.89	2.34	1.94	1.443	13	
7:	11.83	-1	7.77	0.04	1.8		5	1979.3	30	
		15.91	13.93	12.40	10.93	9.49	8.15	60.8	0.25000	
	7.06	5.85	4.87	4.06	3.28	2.60	2.03	1.412	13	
8:	5.21	8	8.95	0.07	1.7		5	3110.4	21	
		17.84	15.79	13.95	12.03	11.01	9.67	68.3	0.25000	
	7.54	6.58	5.51	4.63	3.74	2.95	2.20	3.117	13	

*

	1120N	1100N ON	1095N 1120N	1090N 12609N	1080N 924	1070N 4	1060N 17:43:01	1040N	1020N	1000N
1:	100.69	-1	3.33	0.46	2.3		5	628.3	68	
		8.46	7.56	6.90	5.33	4.27	3.18	33.5	16.00000	
	4.13	3.11	3.65	1.99	2.11	1.25	0.56	18.008	9	
2:	62.94	-5	4.56	0.04	2.8		5	942.5	64	
		9.55	8.15	7.18	6.39	5.61	4.90	34.7	0.50000	
	3.97	3.39	2.70	2.40	1.85	1.59	1.36	3.476	13	

D13_RAW.txt

3:	78.46	1	4.67	0.03	3.0		5	754.0	64
		9.89	8.49	7.50	6.57	5.74	4.92	36.1	0.50000
	4.23	3.56	2.99	2.47	2.04	1.66	1.31	1.461	13
4:	38.77	-0	5.12	0.08	3.0		5	1256.7	53
		10.62	9.27	8.23	7.19	6.23	5.33	39.2	2.00000
	4.78	4.03	3.50	2.82	2.46	1.94	1.56	2.610	13
5:	22.80	3	5.93	0.04	1.7		5	1885.0	47
		12.16	10.55	9.37	8.26	7.25	6.24	44.5	1.00000
	5.37	4.54	3.84	3.17	2.63	2.16	1.73	1.309	13
6:	25.09	-1	7.10	0.03	1.6		5	1508.0	41
		14.54	12.77	11.41	9.92	8.68	7.40	53.7	1.00000
	6.53	5.50	4.80	3.82	3.26	2.61	2.09	2.046	13
7:	9.22	-1	8.54	0.09	1.7		5	2513.4	25
		17.18	15.19	13.47	11.90	10.43	8.97	63.6	1.00000
	7.77	6.54	5.53	4.60	3.79	3.10	2.51	1.067	13
8:	4.42	8	10.21	0.82	1.6		5	3770.2	18
		19.72	17.42	15.42	13.82	12.34	10.98	73.2	2.00000
	9.02	7.78	6.09	5.45	4.62	3.81	3.16	2.621	11

*

	1130N	1120N ON	1115N 1130N	1110N 12629N	1100N 924	1090N 4	1080N 17:45:55	1060N	1040N	1020N
1:	222.63	-2	2.87	0.44	2.5		5	188.5	45	
		8.32	6.82	5.66	4.76	4.26	3.29	44.2	0.00391	
	2.70	2.81	2.01	1.67	1.27	1.42	0.92	7.586	8	
2:	133.75	-1	4.42	0.11	2.7		5	377.0	55	
		9.17	7.90	7.02	6.18	5.31	4.61	36.0	0.12500	
	3.92	3.13	2.69	2.20	1.79	1.35	1.15	1.893	13	
3:	151.54	-1	4.44	0.06	2.9		5	377.0	62	
		9.73	8.27	7.29	6.34	5.56	4.71	36.1	0.25000	
	3.99	3.43	2.82	2.33	1.89	1.57	1.26	1.790	13	
4:	78.65	-5	4.96	0.05	3.2		5	754.0	64	
		10.65	9.09	8.03	6.97	6.17	5.26	38.8	0.50000	
	4.50	3.84	3.17	2.62	2.16	1.84	1.45	2.272	13	
5:	41.62	9	5.49	0.01	1.4		5	1256.7	57	
		11.42	9.85	8.72	7.65	6.72	5.80	41.3	1.00000	
	4.96	4.20	3.52	2.91	2.40	1.97	1.61	1.590	13	
6:	35.30	-8	6.14	0.07	1.6		5	1099.6	42	
		12.81	11.10	9.80	8.61	7.62	6.51	46.5	1.00000	
	5.61	4.80	3.96	3.31	2.69	2.28	1.78	1.692	13	
7:	15.81	2	7.87	0.06	1.8		5	1979.3	34	
		16.27	14.20	12.57	10.95	9.80	8.37	59.3	2.00000	
	7.20	6.22	5.17	4.33	3.55	3.08	2.41	2.219	13	
8:	6.34	7	9.45	0.04	1.7		5	3110.4	21	
		18.57	16.61	14.75	13.06	11.42	9.96	70.0	0.50000	
	8.45	7.10	5.96	4.93	3.98	3.19	2.48	1.476	13	

*

	1140N	1120N ON	1115N 1140N	1110N 12629N	1100N 924	1090N 4	1080N 17:48:35	1060N	1040N	1020N
1:	85.73	-2	4.50	0.02	2.6		5	628.3	58	
		9.32	8.13	7.22	6.00	5.39	4.95	39.6	0.06250	
	4.11	3.64	2.97	2.41	1.63	1.45	0.98	7.684	13	

D13_RAW.txt

2:	58.46	-1	4.98	0.01	2.7		5	942.5	60
		10.68	9.14	8.07	7.11	6.21	5.23	40.0	0.25000
	4.47	3.71	3.11	2.57	2.18	1.73	1.41	1.886	13
3:	74.47	-1	5.35	0.01	2.9		5	754.0	61
		11.20	9.66	8.53	7.46	6.54	5.66	41.0	0.50000
	4.81	4.07	3.40	2.82	2.28	1.87	1.48	1.225	13
4:	42.39	-5	5.91	0.01	3.1		5	1256.7	58
		12.20	10.58	9.36	8.21	7.19	6.24	45.2	0.50000
	5.31	4.50	3.77	3.11	2.54	2.08	1.68	1.198	13
5:	23.87	9	6.45	0.02	1.4		5	1885.0	49
		13.16	11.41	10.13	8.94	7.85	6.80	48.2	1.00000
	5.81	4.92	4.14	3.45	2.86	2.33	1.89	1.309	13
6:	21.58	-8	7.25	0.00	1.6		5	1508.0	35
		14.51	12.70	11.31	9.97	8.79	7.65	53.9	1.00000
	6.55	5.58	4.70	3.89	3.18	2.64	2.12	1.276	13
7:	10.53	2	8.86	0.04	1.8		5	2513.4	29
		17.76	15.68	13.95	12.29	10.73	9.35	65.6	1.00000
	7.99	6.79	5.67	4.77	3.89	3.21	2.59	1.075	13
8:	4.59	7	10.07	0.21	1.6		5	3770.2	19
		19.95	17.74	15.88	13.99	12.15	10.59	73.5	1.00000
	9.05	7.64	6.35	5.24	4.33	3.51	2.92	0.941	13

*

	1150N	1140N ON	1135N 1150N	1130N 12649N	1120N 855	1110N 4	1100N 17:52:49	1080N	1060N	1040N
1:	212.55	-2	3.09	0.30	2.5		5	188.5	47	
		7.47	6.18	5.32	4.26	4.63	3.39	29.5	0.06250	
	2.99	2.35	2.04	1.63	1.26	1.23	0.75	5.834	10	
2:	103.44	7	3.63	0.10	2.6		5	377.0	46	
		7.56	6.52	5.77	5.16	4.23	3.80	28.5	0.25000	
	3.19	2.71	2.24	1.86	1.54	1.16	0.99	2.233	13	
3:	138.76	-7	4.26	0.03	2.9		5	377.0	61	
		9.12	7.77	6.85	5.96	5.31	4.52	32.9	0.50000	
	3.85	3.24	2.71	2.24	1.82	1.52	1.19	1.708	13	
4:	69.72	-1	5.43	0.00	2.9		5	754.0	61	
		11.45	9.88	8.73	7.64	6.76	5.75	41.9	0.50000	
	4.90	4.13	3.45	2.87	2.36	1.94	1.54	1.319	13	
5:	39.23	5	6.17	0.00	1.0		5	1256.7	58	
		12.76	11.07	9.80	8.63	7.58	6.50	47.4	0.50000	
	5.57	4.71	3.94	3.26	2.68	2.20	1.77	1.311	13	
6:	37.24	-5	6.97	0.09	0.8		5	1099.6	48	
		14.41	12.49	11.08	9.65	8.74	7.38	52.3	1.00000	
	6.34	5.32	4.49	3.73	3.05	2.55	2.02	1.499	13	
7:	13.13	-4	8.14	0.01	1.2		5	1979.3	30	
		16.19	14.28	12.75	11.28	9.90	8.57	60.2	1.00000	
	7.35	6.23	5.23	4.35	3.58	2.92	2.35	0.710	13	
8:	6.93	9	9.81	0.16	2.0		5	3110.4	25	
		19.18	17.05	15.32	13.71	11.70	10.35	71.1	2.00000	
	8.71	7.45	6.30	5.23	4.37	3.58	2.84	1.283	13	

*

	1160N	1140N ON	1135N 1160N	1130N 12649N	1120N 855	1110N 4	1100N 17:55:16	1080N	1060N	1040N
--	-------	-------------	----------------	-----------------	--------------	------------	-------------------	-------	-------	-------

D13_RAW.txt

1:	89.09	-1	4.84	0.52	2.4		5	628.3	65
		8.37	6.79	5.76	6.41	5.65	5.07	76.7	4096.00000
	3.59	2.51	1.96	3.36	2.15	1.61	1.47	11.624	8
2:	49.98	7	4.34	0.14	2.6		5	942.5	55
		9.65	8.38	7.45	6.23	5.44	4.62	37.7	0.12500
	4.08	3.60	3.02	2.05	1.83	1.53	1.19	4.657	13
3:	73.97	-7	5.30	0.05	2.9		5	754.0	65
		10.81	9.32	8.22	7.38	6.46	5.60	39.3	1.00000
	4.70	3.91	3.28	2.91	2.32	1.88	1.49	2.131	13
4:	40.31	-1	6.50	0.01	3.0		5	1256.7	59
		13.29	11.53	10.19	9.03	7.94	6.87	49.4	0.50000
	5.78	4.88	4.10	3.47	2.82	2.28	1.84	1.377	13
5:	23.76	5	7.23	0.02	1.0		5	1885.0	52
		14.71	12.81	11.39	10.06	8.81	7.62	54.8	0.50000
	6.49	5.46	4.59	3.81	3.13	2.54	2.02	1.017	13
6:	23.71	-4	8.15	0.01	0.8		5	1508.0	42
		16.19	14.15	12.51	11.29	9.95	8.65	59.9	1.00000
	7.18	6.06	5.10	4.47	3.59	2.90	2.35	1.804	13
7:	8.98	-4	9.13	0.06	1.2		5	2513.4	26
		18.06	15.98	14.25	12.64	11.08	9.65	67.0	1.00000
	8.21	6.92	5.85	4.85	3.99	3.25	2.60	0.544	13
8:	5.11	8	10.48	0.15	1.9		5	3770.2	23
		21.07	18.94	16.79	14.58	12.98	11.14	77.4	1.00000
	9.51	8.21	6.90	5.28	4.46	3.81	3.05	2.199	13

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

Job #: 13 Date: 08/10/08
Operator: D13 Serial #: 13
P-Line: ON 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	P7 Time	P8	P9
D:	VP	SP	Mx	S.D.	Res.		Dur.	K-Fact.	Rho
	M1	M2	M3	M4	M5	M6	M7	M"	Tau
*	M8	M9	M10	M11	M12	M13	M14	RMS%	wi
1170N	1160N ON	1155N 1170N	1150N 12669N	1140N 1100	1130N 4	1120N	1100N 11:18:36	1080N	1060N
1:	214.12	2	3.01	0.04	0.9		5	188.5	37
		6.29	5.36	4.37	3.78	3.55	2.97	22.8	0.25000
	2.58	2.10	1.81	1.56	1.29	0.90	0.76	4.923	13
2:	183.66	-11	3.52	0.01	0.9		5	377.0	63
		7.35	6.29	5.62	4.99	4.33	3.74	27.2	0.50000
	3.19	2.70	2.27	1.85	1.51	1.24	0.95	1.572	13
3:	189.60	12	4.20	0.00	1.1		5	377.0	65
		8.73	7.50	6.64	5.84	5.13	4.42	32.1	0.50000
	3.77	3.18	2.66	2.20	1.81	1.44	1.15	1.247	13
4:	99.33	-4	5.19	0.02	3.0		5	754.0	68
		10.72	9.28	8.16	7.17	6.33	5.44	39.4	0.50000
	4.66	3.91	3.28	2.73	2.24	1.76	1.41	1.413	13

D13_RAW.txt

5:	56.75	4	6.25	0.00	3.0		5	1256.7	65
		12.73	11.07	9.83	8.66	7.61	6.58	46.5	1.00000
	5.63	4.76	4.00	3.32	2.74	2.23	1.77	1.165	13
6:	51.77	-1	7.73	0.02	0.7		5	1099.6	52
		15.72	13.73	12.15	10.69	9.43	8.14	58.5	0.50000
	6.94	5.86	4.91	4.08	3.38	2.69	2.15	1.182	13
7:	20.42	-6	9.13	0.06	0.9		5	1979.3	37
		18.16	15.97	14.26	12.64	11.14	9.60	67.1	1.00000
	8.22	6.95	5.85	4.84	3.97	3.24	2.62	0.523	13
8:	8.29	-3	10.00	0.04	3.2		5	3110.4	23
		20.40	17.89	16.55	14.77	12.52	10.96	79.5	0.25000
	9.29	7.95	6.54	5.12	4.15	3.43	2.74	2.303	13

*
 1180N 1160N 1155N 1150N 1140N 1130N 1120N 1100N 1080N 1060N
 ON ON 1180N 12669N 1100 4 11:22:21|

1:	100.62	3	4.44	0.54	0.8		5	628.3	57
		7.76	6.87	6.28	6.24	5.16	4.44	30.2	1.00000
	3.32	3.04	2.17	2.52	1.53	1.02	1.27	5.719	8
2:	94.93	-11	4.40	0.06	0.9		5	942.5	81
		9.21	7.92	6.98	6.07	5.36	4.70	34.0	0.50000
	4.03	3.37	2.87	2.27	1.96	1.59	1.22	2.196	13
3:	105.16	12	5.16	0.02	1.0		5	754.0	72
		10.55	9.15	8.12	7.20	6.30	5.43	39.3	0.50000
	4.62	3.91	3.26	2.73	2.23	1.79	1.43	1.006	13
4:	58.87	-4	6.29	0.11	3.0		5	1256.7	67
		12.62	11.00	9.81	8.78	7.66	6.60	47.4	0.50000
	5.56	4.73	3.91	3.37	2.67	2.15	1.76	1.274	13
5:	35.24	3	7.26	0.01	3.0		5	1885.0	60
		14.71	12.84	11.43	10.11	8.87	7.65	55.1	0.50000
	6.54	5.52	4.62	3.84	3.14	2.55	2.03	1.030	13
6:	33.55	-1	8.89	0.08	0.7		5	1508.0	46
		17.68	15.59	13.88	12.36	10.82	9.34	64.9	1.00000
	7.94	6.71	5.58	4.74	3.81	3.08	2.51	0.949	13
7:	14.14	-6	10.13	0.04	0.8		5	2513.4	32
		20.15	17.78	15.90	14.04	12.36	10.69	74.2	1.00000
	9.14	7.73	6.48	5.40	4.42	3.60	2.84	0.743	13
8:	6.16	-3	10.76	0.81	3.2		5	3770.2	21
		22.68	19.75	17.03	14.75	12.93	11.26	80.3	2.00000
	10.33	8.76	7.55	5.42	4.88	4.22	2.78	4.728	12

*
 1190N 1180N 1175N 1170N 1160N 1150N 1140N 1120N 1100N 1080N
 ON ON 1190N 12689N 1100 4 11:24:58|

1:	244.10	6	2.90	0.10	0.9		5	188.5	42
		6.43	5.55	4.94	4.29	3.82	3.11	24.3	0.25000
	2.68	2.32	1.83	1.54	1.33	1.06	0.83	2.467	13
2:	124.44	-5	3.50	0.03	0.6		5	377.0	43
		7.31	6.21	5.46	4.83	4.19	3.67	27.4	0.25000
	3.11	2.58	2.19	1.79	1.42	1.16	0.94	1.462	13
3:	162.00	9	4.05	0.01	1.3		5	377.0	56
		8.48	7.33	6.49	5.70	5.04	4.28	30.8	1.00000
	3.68	3.12	2.59	2.16	1.81	1.47	1.18	1.639	13

D13_RAW.txt

4:	107.67	-12	4.95	0.01	3.6		5	754.0	74
		10.19	8.84	7.85	6.92	6.08	5.23	38.1	0.50000
	4.48	3.79	3.16	2.62	2.16	1.76	1.40	1.183	13
5:	62.11	9	6.01	0.01	3.2		5	1256.7	71
		12.29	10.67	9.48	8.36	7.35	6.33	44.8	1.00000
	5.42	4.57	3.83	3.18	2.61	2.12	1.72	1.159	13
6:	58.59	0	7.55	0.04	0.8		5	1099.6	59
		15.28	13.37	11.92	10.52	9.27	7.96	56.3	1.00000
	6.84	5.81	4.84	4.03	3.33	2.71	2.20	0.875	13
7:	22.37	-6	9.82	0.00	0.8		5	1979.3	40
		19.65	17.30	15.40	13.59	11.96	10.33	73.5	0.50000
	8.85	7.45	6.22	5.14	4.20	3.40	2.72	0.825	13
8:	10.10	1	12.31	0.65	2.8		5	3110.4	29
		23.38	20.45	17.97	16.07	13.85	12.81	86.9	0.50000
	10.77	8.68	8.02	6.37	4.63	3.80	3.32	4.380	13

*
 1200N 1180N 1175N 1170N 1160N 1150N 1140N 1120N 1100N 1080N
 ON ON 1200N 12689N 1100 4 11:27:28|

1:	102.13	7	3.89	0.23	0.9		5	628.3	58
		8.31	7.23	6.62	5.58	5.09	4.39	30.1	1.00000
	2.79	2.96	2.41	2.63	1.83	1.32	1.17	10.669	13
2:	60.60	-5	4.29	0.10	0.6		5	942.5	52
		8.91	7.61	6.64	5.94	5.11	4.41	32.5	0.50000
	4.17	3.25	2.74	2.01	1.78	1.53	1.18	4.191	13
3:	86.71	8	5.00	0.06	1.3		5	754.0	59
		10.38	9.00	8.03	7.00	6.20	5.34	38.6	0.50000
	4.30	3.79	3.16	2.78	2.20	1.74	1.43	2.512	13
4:	61.58	-12	5.98	0.04	3.5		5	1256.7	70
		12.20	10.63	9.47	8.32	7.35	6.33	44.7	1.00000
	5.35	4.57	3.83	3.22	2.63	2.12	1.72	1.140	13
5:	37.03	9	7.13	0.00	3.2		5	1885.0	63
		14.42	12.57	11.19	9.89	8.69	7.51	52.9	1.00000
	6.43	5.43	4.55	3.77	3.11	2.54	2.06	0.890	13
6:	36.75	0	8.74	0.05	0.8		5	1508.0	50
		17.56	15.45	13.80	12.14	10.74	9.27	64.6	1.00000
	7.76	6.66	5.58	4.72	3.84	3.09	2.51	0.979	13
7:	14.97	-5	10.99	0.02	0.8		5	2513.4	34
		21.89	19.32	17.27	15.30	13.47	11.60	80.5	1.00000
	9.95	8.39	7.03	5.84	4.78	3.89	3.18	0.456	13
8:	7.25	1	12.18	0.83	2.8		5	3770.2	25
		23.83	20.60	17.69	16.57	13.74	11.89	86.8	0.50000
	13.25	9.17	7.79	4.52	4.69	4.39	3.27	12.349	12

*
 1210N 1200N 1195N 1190N 1180N 1170N 1160N 1140N 1120N 1100N
 ON ON 1210N 12709N 1100 4 11:30:07|

1:	279.15	4	3.07	0.01	1.3		5	188.5	48
		6.60	5.57	4.96	4.35	3.84	3.23	24.6	0.25000
	2.70	2.34	1.85	1.60	1.31	1.02	0.86	2.123	13
2:	142.38	-6	3.58	0.00	1.2		5	377.0	49
		7.64	6.53	5.75	5.04	4.38	3.78	28.6	0.25000
	3.22	2.70	2.28	1.83	1.51	1.24	0.97	1.421	13

D13_RAW.txt

3:	162.82	3	4.01	0.01	1.2		5	377.0	56
		8.49	7.25	6.42	5.67	4.95	4.23	30.9	0.50000
	3.59	3.04	2.52	2.11	1.73	1.40	1.14	1.432	13
4:	85.83	-2	5.00	0.02	3.0		5	754.0	59
		10.40	8.96	7.95	7.00	6.13	5.28	38.2	0.50000
	4.48	3.79	3.16	2.61	2.14	1.72	1.38	1.016	13
5:	50.09	6	6.04	0.00	3.4		5	1256.7	57
		12.39	10.75	9.56	8.43	7.40	6.37	46.1	0.50000
	5.44	4.59	3.85	3.19	2.62	2.11	1.70	0.975	13
6:	59.85	-2	7.55	0.04	1.4		5	1099.6	60
		15.17	13.26	11.83	10.48	9.20	7.95	55.8	1.00000
	6.79	5.75	4.80	4.00	3.30	2.67	2.16	0.745	13
7:	23.90	-5	9.88	0.00	1.0		5	1979.3	43
		19.71	17.34	15.48	13.69	12.04	10.40	72.0	1.00000
	8.88	7.48	6.25	5.19	4.27	3.44	2.75	0.966	13
8:	10.40	0	12.30	0.03	2.7		5	3110.4	29
		24.45	21.71	19.27	17.13	14.81	12.81	89.4	1.00000
	11.21	9.32	8.04	6.45	5.22	4.56	3.43	1.963	13

*

	1220N	1200N ON	1195N 1220N	1190N 12709N	1180N 1100	1170N 4	1160N 11:32:47	1140N	1120N	1100N
1:	119.20	6	4.09	0.48	1.3		5	628.3	68	
		7.62	7.15	6.47	4.94	4.16	4.52	31.1	0.12500	
	3.06	2.86	2.16	1.72	1.11	1.53	1.01	8.141	8	
2:	69.04	-6	4.20	0.17	1.2		5	942.5	59	
		9.19	7.68	6.74	6.18	5.47	4.37	33.4	0.50000	
	4.00	3.25	2.80	2.33	2.03	1.41	1.21	4.076	13	
3:	87.22	3	4.88	0.09	1.2		5	754.0	60	
		9.99	8.72	7.74	6.68	5.82	5.18	36.7	0.50000	
	4.28	3.65	3.01	2.48	1.97	1.71	1.34	1.903	13	
4:	50.72	-1	5.98	0.04	3.0		5	1256.7	58	
		12.15	10.61	9.45	8.24	7.22	6.33	45.4	0.50000	
	5.32	4.53	3.76	3.11	2.52	2.12	1.69	1.280	13	
5:	31.09	6	7.03	0.01	3.3		5	1885.0	53	
		14.24	12.45	11.05	9.73	8.53	7.42	53.1	0.50000	
	6.28	5.32	4.45	3.66	3.00	2.46	1.97	0.911	13	
6:	38.66	-2	8.62	0.05	1.4		5	1508.0	53	
		17.04	15.06	13.48	11.79	10.38	9.12	63.0	1.00000	
	7.66	6.52	5.46	4.52	3.68	3.06	2.45	0.790	13	
7:	16.37	-5	11.04	0.03	1.0		5	2513.4	37	
		21.60	19.19	17.22	15.17	13.31	11.63	79.7	1.00000	
	9.92	8.38	6.97	5.74	4.68	3.85	3.07	0.767	13	
8:	7.58	-0	12.38	1.02	2.8		5	3770.2	26	
		26.48	22.26	19.63	18.88	16.99	12.67	99.0	8.00000	
	12.39	9.75	8.86	7.37	6.78	4.05	3.79	5.850	11	

*

	1230N	1220N ON	1215N 1230N	1210N 12729N	1200N 1100	1190N 4	1180N 11:35:43	1160N	1140N	1120N
1:	257.43	-0	3.00	0.05	1.1		5	188.5	44	
		6.93	5.97	5.10	4.53	3.74	3.17	24.3	1.00000	
	2.90	2.49	1.95	1.81	1.33	0.99	1.13	8.718	13	

D13_RAW.txt

2:	153.28	-5	3.33	0.03	1.3		5	377.0	53
		7.07	5.97	5.32	4.62	4.11	3.53	27.7	0.12500
	2.93	2.45	2.07	1.65	1.40	1.17	0.82	3.114	13
3:	198.65	7	3.89	0.01	1.7		5	377.0	68
		8.38	7.18	6.30	5.54	4.81	4.11	31.5	0.25000
	3.55	2.96	2.48	2.05	1.67	1.35	1.11	1.705	13
4:	99.86	-2	4.77	0.02	3.6		5	754.0	68
		10.01	8.61	7.63	6.70	5.85	5.02	36.5	0.50000
	4.30	3.61	3.00	2.50	2.03	1.63	1.34	1.295	13
5:	50.71	2	5.68	0.02	3.2		5	1256.7	58
		11.80	10.22	9.04	7.95	6.96	5.99	43.2	0.50000
	5.10	4.29	3.57	2.96	2.42	1.95	1.56	1.017	13
6:	51.06	4	7.36	0.03	1.2		5	1099.6	51
		15.01	13.16	11.68	10.31	9.01	7.76	55.0	1.00000
	6.70	5.66	4.72	3.96	3.22	2.62	2.17	1.127	13
7:	25.51	-5	9.64	0.04	0.8		5	1979.3	46
		19.20	16.88	15.08	13.36	11.69	10.14	70.6	1.00000
	8.70	7.34	6.11	5.12	4.18	3.39	2.78	0.652	13
8:	11.52	-1	12.10	0.08	2.5		5	3110.4	33
		23.43	20.47	18.57	16.36	14.79	12.79	87.2	0.50000
	10.52	8.84	7.59	5.92	5.05	4.23	2.93	3.714	13

*

	1240N	1220N ON	1215N 1240N	1210N 12729N	1200N 1100	1190N 4	1180N 11:38:05	1160N	1140N	1120N
1:	112.75	0	3.20	0.05	1.1		5	628.3	64	
		7.95	6.81	5.61	5.17	4.25	3.51	36.2	0.01563	
	3.07	2.56	1.84	1.50	1.20	1.21	0.88	6.662	13	
2:	75.51	-5	4.11	0.01	1.3		5	942.5	65	
		8.53	7.29	6.52	5.66	5.01	4.32	31.4	0.50000	
	3.65	3.07	2.63	2.16	1.78	1.39	1.16	1.562	13	
3:	107.16	7	4.59	0.01	1.6		5	754.0	73	
		9.83	8.44	7.40	6.51	5.67	4.86	36.8	0.25000	
	4.14	3.47	2.87	2.37	1.94	1.60	1.27	1.296	13	
4:	58.24	-2	5.58	0.01	3.5		5	1256.7	67	
		11.59	10.04	8.88	7.84	6.83	5.88	42.7	0.50000	
	5.03	4.23	3.53	2.92	2.39	1.96	1.57	0.972	13	
5:	31.17	2	6.61	0.00	3.2		5	1885.0	53	
		13.58	11.84	10.49	9.23	8.08	6.97	50.3	0.50000	
	5.94	5.00	4.17	3.45	2.84	2.31	1.86	0.842	13	
6:	33.18	4	8.32	0.01	1.2		5	1508.0	45	
		16.82	14.80	13.11	11.61	10.15	8.80	62.9	0.50000	
	7.52	6.32	5.26	4.36	3.55	2.94	2.35	0.935	13	
7:	17.44	-5	10.77	0.02	0.8		5	2513.4	40	
		21.11	18.79	16.72	14.91	13.09	11.35	78.8	1.00000	
	9.75	8.24	6.93	5.75	4.69	3.88	3.10	0.792	13	
8:	8.33	-2	13.26	0.00	2.5		5	3770.2	29	
		25.19	22.48	20.36	17.69	15.94	13.87	93.7	1.00000	
	11.75	9.91	8.64	7.07	5.82	4.38	3.41	3.315	13	

*

	1250N	1240N ON	1235N 1250N	1230N 12749N	1220N 1100	1210N 4	1200N 11:40:47	1180N	1160N	1140N
--	-------	-------------	----------------	-----------------	---------------	------------	-------------------	-------	-------	-------

D13_RAW.txt

1:	250.34	0	3.11	0.42	1.1		5	188.5	43
		6.61	5.53	5.10	4.86	3.84	3.11	25.2	0.25000
	2.76	2.54	1.95	1.58	1.28	0.92	0.82	5.073	8
2:	170.08	-6	3.54	0.11	1.0		5	377.0	58
		7.63	6.51	5.68	4.88	4.33	3.77	28.3	0.25000
	3.17	2.62	2.20	1.83	1.51	1.24	0.99	2.057	13
3:	184.87	10	3.82	0.01	1.0		5	377.0	63
		8.17	6.96	6.14	5.40	4.70	4.02	30.7	0.25000
	3.44	2.92	2.41	2.00	1.63	1.33	1.07	1.610	13
4:	93.65	-9	4.59	0.06	3.0		5	754.0	64
		9.79	8.39	7.42	6.59	5.69	4.83	36.8	0.25000
	4.12	3.48	2.89	2.38	1.94	1.57	1.28	1.093	13
5:	58.27	7	5.46	0.01	3.6		5	1256.7	67
		11.57	9.97	8.80	7.72	6.74	5.77	43.4	0.25000
	4.91	4.13	3.44	2.82	2.31	1.86	1.48	0.860	13
6:	52.07	-3	6.89	0.01	1.7		5	1099.6	52
		14.21	12.37	11.01	9.74	8.51	7.27	52.9	0.50000
	6.22	5.29	4.40	3.65	3.00	2.44	1.98	1.101	13
7:	20.90	-0	9.39	0.09	1.2		5	1979.3	38
		18.87	16.59	14.77	13.25	11.53	9.87	70.5	0.50000
	8.46	7.13	5.92	4.93	3.97	3.21	2.63	0.712	13
8:	11.65	-1	11.67	0.63	2.6		5	3110.4	33
		23.42	20.87	18.34	15.74	14.31	12.55	85.0	1.00000
	10.56	8.54	7.45	6.09	5.01	4.16	3.41	1.901	13

*

	1260N	1240N ON	1235N 1260N	1230N 12749N	1220N 1100	1210N 4	1200N 11:43:13	1180N	1160N	1140N
1:	105.85	1	5.31	0.76	1.0		5	628.3	60	
		8.89	8.24	7.64	6.22	4.83	5.15	53.1	256.00000	
	5.47	3.32	2.06	2.44	1.63	1.11	1.23	11.314	7	
2:	80.68	-6	4.08	0.14	1.1		5	942.5	69	
		9.19	7.74	6.76	5.98	5.31	4.39	33.9	0.25000	
	3.53	3.17	2.77	2.15	1.82	1.51	1.15	3.483	13	
3:	95.96	9	4.73	0.07	1.0		5	754.0	66	
		9.90	8.54	7.56	6.59	5.70	4.96	37.3	0.25000	
	4.30	3.53	2.88	2.44	1.97	1.58	1.30	1.390	13	
4:	52.68	-9	5.64	0.06	2.9		5	1256.7	60	
		11.69	10.15	9.00	7.85	6.79	5.91	44.4	0.25000	
	5.14	4.19	3.44	2.90	2.35	1.90	1.57	1.487	13	
5:	34.39	7	6.45	0.00	3.6		5	1885.0	59	
		13.54	11.72	10.35	9.07	7.92	6.81	49.1	0.50000	
	5.79	4.86	4.05	3.36	2.74	2.23	1.80	1.257	13	
6:	32.36	-3	8.05	0.07	1.7		5	1508.0	44	
		16.27	14.26	12.71	11.16	9.71	8.45	60.2	0.50000	
	7.30	6.02	4.98	4.16	3.37	2.71	2.22	0.923	13	
7:	13.93	0	10.75	0.15	1.2		5	2513.4	32	
		21.10	18.66	16.70	14.73	12.95	11.28	77.4	1.00000	
	9.79	8.09	6.65	5.62	4.50	3.66	3.01	1.297	13	
8:	8.21	-1	11.61	0.56	2.6		5	3770.2	28	
		24.57	21.33	18.82	17.02	15.41	12.58	88.4	1.00000	
	9.89	9.35	8.35	6.33	5.38	4.45	3.30	4.362	13	

D13_RAW.txt

*

	1270N	1260N ON	1255N 1270N	1250N 12769N	1240N 1100	1230N 4	1220N 11:46:08	1200N	1180N	1160N
1:	320.76		4	3.52	0.14	0.7		5	188.5	55
	2.96		7.46	6.17	5.60	5.05	3.78	3.56	27.3	0.50000
			2.90	2.71	2.09	1.60	1.34	0.77	11.796	13
2:	178.76		-8	3.59	0.03	1.1		5	377.0	61
	3.21		7.71	6.58	5.79	5.06	4.46	3.81	30.0	0.12500
			2.65	2.18	1.80	1.48	1.19	0.96	1.117	13
3:	210.12		7	4.18	0.00	1.5		5	377.0	72
	3.74		8.94	7.65	6.74	5.92	5.14	4.41	33.5	0.25000
			3.16	2.63	2.17	1.78	1.44	1.15	1.274	13
4:	92.69		-10	4.95	0.01	3.4		5	754.0	64
	4.43		10.56	9.08	8.01	7.00	6.05	5.21	39.5	0.25000
			3.74	3.13	2.58	2.10	1.70	1.33	1.296	13
5:	51.63		10	5.46	0.03	3.4		5	1256.7	59
	4.90		11.65	10.03	8.84	7.73	6.74	5.77	43.5	0.25000
			4.11	3.41	2.82	2.30	1.86	1.48	0.979	13
6:	50.54		-4	6.92	0.01	1.7		5	1099.6	51
	6.19		14.45	12.53	11.10	9.75	8.43	7.28	52.9	0.50000
			5.27	4.44	3.66	2.99	2.44	1.94	1.251	13
7:	20.22		-6	8.94	0.10	1.6		5	1979.3	36
	8.07		18.39	16.12	14.34	12.62	10.88	9.37	67.6	0.50000
			6.83	5.82	4.73	3.78	3.08	2.45	1.336	13
8:	9.39		4	11.62	0.10	3.0		5	3110.4	27
	10.46		23.29	20.53	18.24	16.15	14.20	12.24	86.5	0.50000
			8.76	7.28	6.05	4.95	4.04	3.25	0.664	13

*

	1280N	1260N ON	1255N 1280N	1250N 12769N	1240N 1100	1230N 4	1220N 11:48:40	1200N	1180N	1160N
1:	123.63		5	3.67	0.75	0.7		5	628.3	71
	3.14		7.26	6.45	4.92	3.89	3.33	3.58		
			1.64	2.00	1.11	2.30	1.33	0.60		99
2:	78.87		-8	4.21	0.07	1.1		5	942.5	68
	3.78		9.13	7.79	6.91	6.09	5.30	4.48	34.0	0.25000
			3.27	2.66	2.23	1.74	1.44	1.18	1.643	13
3:	103.41		6	4.84	0.04	1.5		5	754.0	71
	4.33		10.35	8.88	7.81	6.82	5.94	5.10	38.6	0.25000
			3.61	3.03	2.49	2.05	1.65	1.33	1.245	13
4:	50.09		-9	5.69	0.02	3.4		5	1256.7	57
	5.08		12.07	10.41	9.15	7.97	6.95	5.99	45.2	0.25000
			4.22	3.56	2.91	2.46	1.98	1.56	1.683	13
5:	29.46		10	6.39	0.01	3.5		5	1885.0	50
	5.73		13.46	11.63	10.28	8.99	7.87	6.75	48.8	0.50000
			4.82	4.01	3.33	2.73	2.22	1.80	1.333	13
6:	30.60		-5	7.74	0.07	1.8		5	1508.0	42
	6.93		16.09	14.02	12.36	10.80	9.44	8.15	60.8	0.25000
			5.73	4.84	3.95	3.33	2.68	2.09	1.428	13
7:	13.18		-6	9.84	0.24	1.5		5	2513.4	30
	8.84		19.98	17.53	15.50	13.54	11.96	10.33	73.7	0.50000
			7.28	6.15	5.03	4.36	3.45	2.73	1.664	13

D13_RAW.txt

8:	6.60	4	12.31	0.04	3.0		5	3770.2	23
		24.65	21.85	19.57	17.33	15.22	13.08	91.3	0.50000
	11.06	9.33	7.72	6.41	5.12	4.16	3.37	0.916	13

*
 1290N 1280N 1275N 1270N 1260N 1250N 1240N 1220N 1200N 1180N
 ON ON 1290N 12789N 1100 4 11:51:17|

1:	305.36	-3	3.24	0.44	0.6		5	188.5	52
		7.70	6.95	6.01	4.87	3.91	3.39	33.2	0.03125
	2.80	2.71	2.21	2.05	1.63	1.04	1.13	6.432	9

2:	185.57	-3	3.82	0.09	0.7		5	377.0	64
		8.14	6.80	6.02	5.35	4.74	4.05	31.5	0.12500
	3.45	2.78	2.34	1.84	1.51	1.29	0.96	2.436	13

3:	204.31	6	4.16	0.10	1.1		5	377.0	70
		9.07	7.82	6.88	5.94	5.10	4.38	33.8	0.25000
	3.70	3.17	2.63	2.25	1.83	1.41	1.19	2.457	13

4:	100.69	-8	4.76	0.03	5.3		5	754.0	69
		10.30	8.86	7.79	6.77	5.87	5.04	38.4	0.25000
	4.28	3.63	2.99	2.49	2.04	1.61	1.36	1.802	13

5:	55.93	8	5.69	0.02	5.1		5	1256.7	64
		12.23	10.49	9.21	8.10	7.07	6.03	45.3	0.25000
	5.12	4.26	3.59	2.90	2.38	1.96	1.56	1.232	13

6:	46.71	-3	7.00	0.08	0.8		5	1099.6	47
		14.81	12.94	11.44	9.91	8.57	7.38	54.0	0.50000
	6.24	5.34	4.38	3.81	3.09	2.44	2.03	2.093	13

7:	19.41	-7	8.62	0.07	1.4		5	1979.3	35
		18.06	15.66	13.81	12.24	10.75	9.17	71.0	0.12500
	7.77	6.38	5.47	4.21	3.41	2.91	2.27	1.891	13

8:	9.04	-2	10.93	0.10	3.5		5	3110.4	26
		22.18	19.27	17.12	15.22	13.66	11.52	83.8	0.25000
	9.81	8.00	6.76	5.45	4.49	3.82	2.74	2.557	13

*
 1300N 1280N 1275N 1270N 1260N 1250N 1240N 1220N 1200N 1180N
 ON ON 1300N 12789N 1100 4 11:53:58|

1:	121.69	-2	4.80	0.36	0.6		5	628.3	70
		9.75	7.88	6.36	6.72	4.78	5.19	45.9	128.00000
	3.53	3.11	4.17	1.64	1.43	1.92	1.83	15.684	11

2:	83.96	-3	4.46	0.05	0.7		5	942.5	72
		9.67	8.37	7.53	6.31	5.74	4.67	37.8	0.12500
	4.14	3.46	2.51	2.46	1.99	1.45	1.10	5.202	13

3:	102.18	5	5.14	0.05	1.1		5	754.0	70
		10.97	9.35	8.09	7.28	6.16	5.45	39.2	0.50000
	4.48	3.79	3.42	2.52	2.09	1.82	1.52	3.955	13

4:	54.94	-7	5.71	0.05	5.3		5	1256.7	63
		12.19	10.46	9.16	8.08	6.96	6.03	45.3	0.25000
	5.07	4.22	3.66	2.88	2.34	1.97	1.59	1.955	13

5:	32.36	7	6.66	0.02	5.2		5	1885.0	55
		14.21	12.27	10.82	9.44	8.27	7.03	53.2	0.25000
	6.01	5.05	4.15	3.51	2.88	2.30	1.85	1.382	13

6:	28.70	-3	8.05	0.12	0.9		5	1508.0	39
		16.71	14.48	12.73	11.30	9.68	8.45	60.5	0.50000
	7.08	5.98	5.19	3.97	3.30	2.81	2.34	2.685	13

D13_RAW.txt

7:	12.87	-6	9.73	0.05	1.3		5	2513.4	29
	8.90	20.09	17.70	15.67	13.74	12.08	10.20	73.7	0.50000
		7.57	5.89	5.13	4.33	3.37	2.68	2.014	13

8:	6.45	-2	11.21	0.12	3.4		5	3770.2	22
	10.50	23.14	20.53	18.68	15.96	14.15	11.69	105.4	0.03125
		8.65	6.35	5.73	4.75	3.36	2.48	5.771	13

*
 1310N 1300N 1295N 1290N 1280N 1270N 1260N 1240N 1220N 1200N
 ON 1310N 12809N 1100 4 11:56:51|

1:	342.90	5	2.54	0.00	0.8		5	188.5	59
	2.57	6.74	5.67	4.77	4.30	4.21	2.83	29.1	0.03125
		2.26	1.78	1.57	1.32	0.99	0.67	7.319	13

2:	140.59	-6	3.15	0.00	0.9		5	377.0	48
	2.77	6.80	5.72	5.04	4.40	3.75	3.32	26.2	0.12500
		2.31	1.92	1.57	1.28	1.03	0.85	1.783	13

3:	184.42	7	3.70	0.01	1.0		5	377.0	63
	3.32	8.17	6.92	6.06	5.29	4.62	3.92	31.5	0.12500
		2.79	2.32	1.91	1.55	1.26	1.02	1.578	13

4:	93.54	-6	4.97	0.00	2.8		5	754.0	64
	4.50	10.85	9.32	8.17	7.15	6.29	5.25	40.2	0.25000
		3.78	3.15	2.60	2.12	1.72	1.38	1.327	13

5:	51.16	3	5.80	0.01	3.0		5	1256.7	58
	5.20	12.49	10.73	9.44	8.24	7.17	6.13	46.4	0.25000
		4.36	3.64	3.01	2.46	2.01	1.62	1.374	13

6:	47.53	-2	6.78	0.01	1.8		5	1099.6	48
	6.08	14.78	12.72	11.14	9.73	8.52	7.21	54.3	0.25000
		5.14	4.26	3.53	2.91	2.31	1.86	1.388	13

7:	17.19	-4	8.92	0.06	1.7		5	1979.3	31
	8.09	18.65	16.33	14.44	12.71	11.23	9.41	68.7	0.50000
		6.84	5.72	4.77	3.89	3.21	2.64	1.631	13

8:	8.44	-2	11.64	0.00	2.8		5	3110.4	24
	9.58	21.66	19.22	17.22	14.88	11.80	11.97	79.4	0.50000
		7.98	6.84	5.32	4.43	3.50	3.12	4.255	13

*
 1320N 1300N 1295N 1290N 1280N 1270N 1260N 1240N 1220N 1200N
 ON 1320N 12809N 1100 4 11:59:39|

1:	124.47	6	2.94	0.23	0.8		5	628.3	71
	3.54	9.62	6.97	5.60	5.25	3.49	2.73	27.4	1.00000
		2.62	1.79	2.64	1.27	1.55	1.30	23.628	13

2:	59.83	-5	4.05	0.03	0.8		5	942.5	51
	3.49	8.36	7.29	6.49	5.60	5.06	4.35	33.4	0.12500
		2.98	2.56	1.92	1.71	1.30	1.04	2.590	13

3:	87.36	6	4.63	0.02	1.0		5	754.0	60
	4.19	10.21	8.66	7.58	6.62	5.70	4.87	37.4	0.25000
		3.50	2.90	2.45	1.96	1.61	1.32	2.101	13

4:	48.93	-6	5.92	0.02	2.8		5	1256.7	56
	5.42	13.14	11.15	9.72	8.53	7.29	6.19	47.9	0.25000
		4.51	3.70	3.19	2.50	2.09	1.69	2.479	13

5:	28.65	3	6.85	0.01	3.1		5	1885.0	49
	6.15	14.71	12.71	11.16	9.73	8.44	7.24	54.6	0.25000
		5.16	4.30	3.55	2.90	2.36	1.92	1.320	13

D13_RAW.txt

6:	28.62	-2	7.92	0.03	1.8		5	1508.0	39
		17.04	14.72	12.96	11.31	9.78	8.35	63.3	0.25000
	7.16	5.99	4.94	4.17	3.37	2.75	2.25	1.647	13
7:	11.33	-3	9.90	0.00	1.6		5	2513.4	26
		20.78	18.05	15.94	13.98	12.15	10.37	75.1	0.50000
	9.02	7.55	6.16	5.26	4.18	3.48	2.83	1.579	13
8:	6.04	-2	12.67	0.23	2.8		5	3770.2	21
		21.38	20.74	19.49	16.51	16.12	14.17	95.1	0.12500
	9.98	8.89	8.11	4.89	5.34	3.37	2.92	10.738	13

*
 1330N 1320N 1315N 1310N 1300N 1290N 1280N 1260N 1240N 1220N
 ON 1330N 12829N 1000 4 12:02:58|

1:	212.71	-3	2.50	0.18	1.0		5	188.5	40
		6.61	5.68	4.90	4.24	4.01	2.80	33.9	0.00781
	2.26	2.14	2.03	1.35	0.96	0.91	0.77	8.725	12
2:	125.61	-4	3.41	0.03	1.2		5	377.0	47
		7.27	6.15	5.38	4.77	4.11	3.59	26.9	0.25000
	3.06	2.53	2.09	1.73	1.40	1.15	0.92	1.476	13
3:	171.55	7	4.06	0.02	1.4		5	377.0	65
		8.76	7.47	6.55	5.73	5.01	4.29	32.5	0.25000
	3.63	3.04	2.52	2.09	1.70	1.39	1.14	1.621	13
4:	83.08	-3	4.66	0.00	3.2		5	754.0	63
		10.27	8.78	7.73	6.68	5.83	4.94	39.4	0.12500
	4.15	3.49	2.91	2.39	1.96	1.55	1.24	1.181	13
5:	44.00	4	5.73	0.00	2.9		5	1256.7	55
		12.35	10.59	9.28	8.11	7.06	6.04	44.2	0.50000
	5.15	4.32	3.61	2.99	2.47	2.01	1.64	2.020	13
6:	41.69	-5	7.32	0.04	0.6		5	1099.6	46
		15.88	13.74	12.10	10.53	9.24	7.77	58.8	0.25000
	6.55	5.55	4.67	3.80	3.10	2.54	2.08	1.510	13
7:	16.93	-4	8.82	0.11	0.8		5	1979.3	34
		18.85	16.41	14.44	12.63	10.93	9.36	72.8	0.12500
	7.83	6.55	5.41	4.45	3.56	2.89	2.33	0.632	13
8:	7.26	0	11.09	0.03	2.5		5	3110.4	23
		22.15	19.36	17.40	15.58	13.18	11.72	88.1	0.12500
	9.61	7.87	6.71	5.40	4.61	3.50	2.73	2.321	13

*
 1340N 1320N 1315N 1310N 1300N 1290N 1280N 1260N 1240N 1220N
 ON 1340N 12829N 1000 4 12:05:23|

1:	93.39	-2	4.75	0.60	0.9		5	628.3	59
		7.91	6.75	6.31	6.03	5.84	6.19	79.5	4096.00000
	2.90	2.62	1.16	1.38	0.73	0.91	0.52	9.941	6
2:	62.95	-3	4.28	0.02	1.2		5	942.5	59
		9.68	8.23	7.20	6.19	5.33	4.40	35.5	0.25000
	4.01	3.32	2.88	2.32	1.91	1.53	1.24	3.141	13
3:	93.83	6	5.17	0.02	1.4		5	754.0	71
		11.00	9.41	8.34	7.23	6.32	5.44	42.6	0.12500
	4.58	3.80	3.13	2.58	2.12	1.67	1.32	0.968	13
4:	48.91	-2	5.79	0.01	3.2		5	1256.7	61
		12.44	10.74	9.48	8.33	7.18	6.15	46.3	0.25000
	5.18	4.39	3.58	2.92	2.42	2.04	1.61	1.726	13

D13_RAW.txt

5:	27.29	4	6.76	0.01	2.8		5	1885.0	51
		14.73	12.65	11.13	9.67	8.38	7.14	54.0	0.25000
	6.07	5.09	4.26	3.49	2.87	2.31	1.85	1.444	13
6:	27.29	-5	8.65	0.08	0.6		5	1508.0	41
		17.93	15.53	13.76	12.14	10.63	9.34	70.1	0.12500
	7.47	6.25	5.08	4.26	3.43	2.81	2.27	1.652	13
7:	11.90	-3	10.04	0.02	0.8		5	2513.4	30
		21.13	18.49	16.43	14.39	12.54	10.61	79.4	0.25000
	9.13	7.64	6.34	5.24	4.26	3.44	2.78	0.617	13
8:	5.48	0	11.46	0.11	2.5		5	3770.2	21
		24.44	21.39	18.83	16.21	14.27	11.79	88.3	0.50000
	10.77	8.84	7.76	6.31	5.18	4.00	3.27	2.676	13

*

	1350N	1340N ON	1335N 1350N	1330N 12849N	1320N 1000	1310N 4	1300N 12:08:31	1280N	1260N	1240N
1:	162.98	0	3.36	0.59	0.9		5	188.5	31	
		8.39	7.89	5.45	3.04	4.23	3.84	66.0	4096.00000	
	3.19	2.25	2.47	3.56	2.60	1.41	1.12	31.158	8	
2:	114.62	-2	3.50	0.06	1.1		5	377.0	43	
		7.44	6.27	5.66	5.15	4.32	3.67	31.0	0.06250	
	3.13	2.66	2.09	1.61	1.34	1.16	0.92	3.269	13	
3:	150.48	2	4.38	0.03	1.3		5	377.0	57	
		9.53	8.19	7.09	6.15	5.43	4.64	35.3	0.25000	
	3.92	3.27	2.76	2.32	1.90	1.51	1.21	1.889	13	
4:	93.60	-5	5.26	0.02	3.2		5	754.0	71	
		11.46	9.86	8.62	7.43	6.52	5.59	44.6	0.12500	
	4.74	3.93	3.32	2.78	2.24	1.77	1.42	1.734	13	
5:	58.70	3	6.16	0.02	3.0		5	1256.7	74	
		13.35	11.47	10.09	8.83	7.65	6.51	51.7	0.12500	
	5.50	4.61	3.81	3.12	2.54	2.07	1.67	1.005	13	
6:	51.66	1	7.29	0.05	0.7		5	1099.6	57	
		15.79	13.69	11.91	10.21	9.03	7.74	58.4	0.25000	
	6.51	5.43	4.63	3.91	3.16	2.51	2.04	2.046	13	
7:	19.34	-7	9.51	0.02	0.8		5	1979.3	38	
		20.27	17.62	15.56	13.56	11.78	10.06	78.4	0.12500	
	8.48	7.06	5.90	4.82	3.89	3.14	2.46	0.655	13	
8:	8.97	-0	11.27	0.07	3.6		5	3110.4	28	
		23.31	20.27	18.17	16.06	13.87	11.88	87.3	0.25000	
	9.93	8.53	7.12	5.64	4.59	3.78	3.06	1.159	13	

*

	1360N	1340N ON	1335N 1360N	1330N 12849N	1320N 1000	1310N 4	1300N 12:11:11	1280N	1260N	1240N
1:	85.14	1	3.26	1.22	0.8		5	628.3	53	
		7.09	4.33	6.36	6.55	4.62	3.98			
	1.54	3.92	2.25	-0.46	1.00	1.23	1.56		99	
2:	66.43	-2	4.78	0.14	1.1		5	942.5	63	
		10.31	9.00	7.71	6.62	5.86	5.02	40.2	0.12500	
	4.41	3.43	2.96	2.66	2.03	1.60	1.21	3.664	13	
3:	92.58	1	5.45	0.06	1.3		5	754.0	70	
		11.73	10.02	8.91	7.79	6.74	5.76	45.7	0.12500	
	4.83	4.13	3.38	2.67	2.25	1.84	1.50	1.802	13	

D13_RAW.txt

4:	60.70	-4	6.27	0.04	3.2		5	1256.7	76
		13.64	11.69	10.37	9.13	7.87	6.67	50.3	0.25000
	5.57	4.80	3.93	3.18	2.62	2.15	1.76	1.752	13
5:	39.16	3	7.25	0.01	3.0		5	1885.0	74
		15.67	13.54	11.86	10.32	8.98	7.66	60.6	0.12500
	6.48	5.39	4.50	3.70	3.02	2.43	1.93	0.928	13
6:	35.69	2	8.22	0.08	0.7		5	1508.0	54
		17.72	15.21	13.56	11.92	10.27	8.72	65.2	0.25000
	7.28	6.28	5.14	4.10	3.42	2.78	2.32	1.943	13
7:	14.16	-6	10.49	0.01	0.8		5	2513.4	36
		22.16	19.34	17.08	14.99	13.04	11.08	85.7	0.12500
	9.31	7.81	6.45	5.16	4.25	3.40	2.68	0.957	13
8:	6.95	-0	11.94	0.00	3.4		5	3770.2	26
		25.22	22.37	19.55	17.08	15.02	12.68	91.0	0.50000
	10.85	8.88	7.50	6.45	5.14	4.22	3.50	2.075	13

*

	1370N	1360N ON	1355N 1370N	1350N 12869N	1340N 1000	1330N 4	1320N 12:13:54	1300N	1280N	1260N
1:	240.63	-3	3.29	0.07	0.8		5	188.5	45	
		7.55	6.35	4.97	4.66	3.97	3.51	27.9	0.12500	
	3.12	2.71	2.18	1.42	1.54	1.00	0.89	8.306	13	
2:	110.50	0	3.83	0.01	1.3		5	377.0	42	
		8.26	7.05	6.26	5.44	4.74	4.05	32.3	0.12500	
	3.41	2.84	2.37	1.98	1.59	1.29	1.03	1.289	13	
3:	133.98	8	4.53	0.01	1.7		5	377.0	51	
		9.85	8.42	7.40	6.46	5.63	4.79	38.1	0.12500	
	4.05	3.41	2.82	2.30	1.87	1.50	1.19	0.918	13	
4:	84.91	-2	5.80	0.01	3.2		5	754.0	64	
		12.39	10.65	9.32	8.19	7.13	6.13	46.4	0.25000	
	5.20	4.39	3.67	2.99	2.48	2.00	1.65	1.687	13	
5:	55.22	-1	6.80	0.02	2.9		5	1256.7	69	
		14.55	12.57	11.07	9.66	8.40	7.19	56.8	0.12500	
	6.07	5.08	4.22	3.48	2.83	2.28	1.82	0.987	13	
6:	62.48	-3	8.00	0.02	0.8		5	1099.6	69	
		17.21	14.85	12.98	11.37	9.87	8.46	63.2	0.25000	
	7.14	6.02	5.02	4.06	3.35	2.69	2.19	1.304	13	
7:	23.54	0	9.57	0.06	0.7		5	1979.3	47	
		20.39	17.71	15.59	13.63	11.80	10.13	75.8	0.25000	
	8.55	7.22	5.99	4.93	4.07	3.33	2.72	1.539	13	
8:	10.04	-4	12.01	0.30	2.3		5	3110.4	31	
		24.46	21.45	20.25	17.13	14.99	12.64	92.8	0.25000	
	10.29	8.53	7.25	6.64	4.72	4.23	3.20	4.010	13	

*

	1380N	1360N ON	1355N 1380N	1350N 12869N	1340N 1000	1330N 4	1320N 12:16:24	1300N	1280N	1260N
1:	87.23	-3	4.68	0.57	0.8		5	628.3	55	
		11.29	10.10	9.01	7.02	5.46	5.27	43.1	0.12500	
	4.10	4.58	3.30	2.54	1.90	1.87	1.40	10.131	9	
2:	47.92	1	5.32	0.01	1.3		5	942.5	45	
		11.37	9.75	8.54	7.57	6.61	5.62	42.2	0.25000	
	4.72	3.88	3.30	2.74	2.27	1.80	1.44	1.514	13	

D13_RAW.txt

3:	65.47	7	6.12	0.02	1.6		5	754.0	49
		13.12	11.32	9.97	8.70	7.56	6.47	48.7	0.25000
	5.50	4.61	3.83	3.15	2.57	2.08	1.67	1.039	13
4:	45.89	-2	7.30	0.01	3.2		5	1256.7	58
		15.60	13.55	11.96	10.40	9.01	7.75	58.1	0.25000
	6.56	5.59	4.58	3.76	3.06	2.50	2.02	1.053	13
5:	31.07	-1	8.31	0.01	3.0		5	1885.0	59
		17.72	15.32	13.49	11.80	10.28	8.79	65.6	0.25000
	7.44	6.22	5.19	4.28	3.48	2.83	2.28	0.986	13
6:	36.75	-3	9.44	0.02	0.8		5	1508.0	55
		20.17	17.53	15.48	13.45	11.68	9.99	74.4	0.25000
	8.47	7.19	5.89	4.84	3.95	3.21	2.56	1.030	13
7:	14.77	1	10.82	0.08	0.7		5	2513.4	37
		22.88	20.00	17.68	15.42	13.35	11.41	85.0	0.25000
	9.80	8.19	6.79	5.57	4.54	3.71	2.97	0.764	13
8:	6.85	-5	12.78	1.68	2.3		5	3770.2	26
		25.99	22.65	19.97	18.44	17.32	13.80	99.3	0.25000
	11.89	8.95	7.72	6.52	5.46	4.24	3.42	4.786	8

*

	1390N	1380N ON	1375N 1390N	1370N 12889N	1360N 1000	1350N 4	1340N 12:19:19	1320N	1300N	1280N
1:	316.80	2	3.61	0.25	0.9		5	188.5	60	
		8.78	7.05	5.61	4.66	4.32	3.89	28.1	2.00000	
	3.12	2.66	2.11	2.64	1.38	1.78	0.79	16.393	12	
2:	180.23	-2	4.86	0.01	1.3		5	377.0	68	
		10.02	8.71	7.78	6.87	5.98	5.11	38.5	0.25000	
	4.37	3.68	3.08	2.42	2.09	1.59	1.37	2.031	13	
3:	164.53	6	5.55	0.00	1.5		5	377.0	62	
		11.86	10.22	9.00	7.87	6.85	5.86	44.4	0.25000	
	4.98	4.17	3.49	2.88	2.36	1.93	1.56	1.364	13	
4:	65.80	-4	6.39	0.07	3.4		5	754.0	50	
		13.99	11.95	10.38	9.03	7.90	6.78	51.1	0.25000	
	5.69	4.78	3.94	3.47	2.65	2.32	1.69	3.087	13	
5:	35.59	5	7.57	0.03	3.3		5	1256.7	45	
		16.15	13.99	12.34	10.78	9.37	8.00	63.1	0.12500	
	6.81	5.66	4.71	3.82	3.17	2.52	2.04	0.926	13	
6:	44.83	-4	9.06	0.07	0.8		5	1099.6	49	
		19.45	16.78	14.61	12.75	11.18	9.60	71.8	0.25000	
	8.08	6.79	5.63	4.88	3.81	3.22	2.47	2.099	13	
7:	22.86	-4	10.63	0.10	0.9		5	1979.3	45	
		22.50	19.63	17.39	15.23	13.20	11.25	87.8	0.12500	
	9.50	7.97	6.60	5.38	4.42	3.54	2.83	0.592	13	
8:	9.64	4	13.57	1.19	2.2		5	3110.4	30	
		22.65	21.87	22.55	20.41	16.83	13.79	100.5	8.00000	
	12.56	10.39	9.11	3.46	6.28	2.06	4.60	5.899	10	

*

	1400N	1380N ON	1375N 1400N	1370N 12889N	1360N 1000	1350N 4	1340N 12:21:44	1320N	1300N	1280N
1:	125.28	2	5.81	0.46	0.9		5	628.3	79	
		11.28	9.90	8.84	7.45	6.37	6.13	41.3	2.00000	
	4.85	4.00	3.44	3.32	2.61	2.15	1.60	5.639	11	

D13_RAW.txt

2:	81.90	-2	6.53	0.03	1.3		5	942.5	77
		13.63	11.83	10.47	9.23	8.08	6.89	51.8	0.25000
	5.89	4.96	4.14	3.37	2.77	2.23	1.80	0.936	13
3:	82.08	6	7.21	0.01	1.4		5	754.0	62
		15.29	13.24	11.68	10.22	8.90	7.62	57.1	0.25000
	6.46	5.42	4.51	3.72	3.04	2.47	1.99	0.912	13
4:	36.23	-4	8.17	0.08	3.3		5	1256.7	46
		17.14	14.90	13.15	11.52	9.96	8.62	62.0	0.50000
	7.27	6.11	5.15	4.35	3.49	2.85	2.28	1.486	13
5:	20.91	5	9.18	0.05	3.3		5	1885.0	39
		19.41	16.88	14.88	13.03	11.37	9.70	71.9	0.25000
	8.22	6.89	5.72	4.65	3.81	3.06	2.48	0.927	13
6:	27.72	-5	10.63	0.10	0.8		5	1508.0	42
		22.16	19.37	17.14	14.97	13.05	11.26	83.4	0.25000
	9.49	7.98	6.65	5.55	4.51	3.67	2.95	1.136	13
7:	14.93	-4	11.90	0.03	1.4		5	2513.4	38
		24.79	21.74	19.26	17.08	14.87	12.58	97.7	0.12500
	10.70	8.95	7.59	6.17	4.92	4.12	2.86	3.294	13
8:	6.74	4	12.43	1.33	2.8		5	3770.2	25
		27.02	23.28	19.92	17.97	16.79	12.97	96.2	1.00000
	14.26	10.16	7.72	5.43	5.51	5.00	4.28	7.779	9

*

	1410N	1400N ON	1395N 1410N	1390N 12909N	1380N 1000	1370N 4	1360N 12:24:36	1340N	1320N	1300N
1:	301.51	6	3.20	0.25	1.0		5	188.5	57	
		7.45	6.20	5.43	4.37	4.04	3.27	25.6	0.50000	
	2.75	2.03	2.61	1.85	1.33	1.26	0.91	11.539	12	
2:	162.79	-11	4.44	0.03	0.8		5	377.0	61	
		9.26	7.96	7.08	6.25	5.46	4.71	35.2	0.25000	
	3.99	3.40	2.72	2.26	1.89	1.48	1.21	1.264	13	
3:	194.46	8	5.79	0.03	1.4		5	377.0	73	
		12.20	10.53	9.32	8.16	7.15	6.11	46.2	0.25000	
	5.20	4.35	3.69	3.03	2.46	2.01	1.61	1.318	13	
4:	99.64	-2	7.51	0.03	3.7		5	754.0	75	
		15.72	13.68	12.12	10.60	9.26	7.91	57.2	0.50000	
	6.74	5.63	4.80	3.95	3.20	2.61	2.08	1.236	13	
5:	43.24	3	8.86	0.02	3.6		5	1256.7	54	
		18.58	16.16	14.27	12.50	10.91	9.36	69.8	0.25000	
	7.92	6.66	5.49	4.55	3.74	3.05	2.48	1.212	13	
6:	32.76	3	9.78	0.10	1.0		5	1099.6	36	
		20.90	18.17	16.08	13.88	12.19	10.31	78.0	0.25000	
	8.83	7.33	6.39	5.17	4.26	3.43	2.73	1.746	13	
7:	17.24	-4	11.83	0.04	1.0		5	1979.3	34	
		24.60	21.58	19.12	16.73	14.62	12.52	91.5	0.25000	
	10.59	8.87	7.36	6.03	4.91	3.91	3.11	0.976	13	
8:	9.87	-2	14.11	0.42	2.7		5	3110.4	31	
		27.67	24.74	22.09	20.18	17.22	15.20	107.2	0.25000	
	12.99	11.54	7.44	6.86	6.07	4.46	3.97	6.215	13	

*

	1420N	1400N ON	1395N 1420N	1390N 12909N	1380N 1000	1370N 4	1360N 12:27:01	1340N	1320N	1300N
--	-------	-------------	----------------	-----------------	---------------	------------	-------------------	-------	-------	-------

D13_RAW.txt

1:	108.24	6	4.38	0.48	1.0		5	628.3	68
		10.83	9.71	10.29	9.07	7.15	4.67	42.1	0.50000
	4.35	3.35	3.48	3.27	2.74	1.74	1.57	14.754	11
2:	67.15	-11	6.01	0.06	0.9		5	942.5	63
		12.43	10.74	9.29	8.09	7.19	6.34	46.8	0.25000
	5.35	4.54	3.68	3.00	2.45	2.06	1.64	2.053	13
3:	89.96	7	7.41	0.02	1.4		5	754.0	68
		15.55	13.53	12.07	10.61	9.22	7.83	59.1	0.25000
	6.67	5.58	4.70	3.89	3.19	2.56	2.07	1.121	13
4:	50.95	-3	9.20	0.06	3.6		5	1256.7	64
		19.11	16.73	14.95	13.15	11.44	9.72	70.2	0.50000
	8.32	6.97	5.88	4.88	4.02	3.22	2.60	0.899	13
5:	23.56	3	10.30	0.06	3.6		5	1885.0	44
		21.58	18.83	16.62	14.57	12.67	10.90	80.4	0.25000
	9.20	7.74	6.44	5.27	4.28	3.47	2.81	0.596	13
6:	19.25	3	11.32	0.20	1.0		5	1508.0	29
		23.79	20.88	18.81	16.52	14.27	11.98	86.6	0.50000
	10.31	8.60	7.27	6.11	5.01	3.95	3.20	1.441	13
7:	10.97	-4	12.98	0.07	0.9		5	2513.4	28
		26.66	23.54	20.92	18.35	16.01	13.72	100.3	0.25000
	11.63	9.75	8.15	6.65	5.43	4.36	3.46	0.465	13
8:	6.72	-2	14.86	0.48	2.6		5	3770.2	25
		27.86	24.03	19.28	17.25	15.76	15.57	98.6	0.50000
	12.78	11.37	8.72	6.44	5.08	4.71	3.52	7.611	13

*

	1430N	1420N ON	1415N 1430N	1410N 12929N	1400N 1000	1390N 4	1380N 12:29:47	1360N	1340N	1320N
1:	260.48	-2	3.27	0.12	0.8		5	188.5	49	
		6.90	5.99	5.25	4.44	3.89	3.57	26.8	0.12500	
	2.47	2.61	2.14	1.51	1.17	1.00	0.98	8.345	13	
2:	163.20	-5	4.41	0.04	0.8		5	377.0	62	
		9.32	8.00	7.05	6.21	5.45	4.64	35.2	0.25000	
	4.00	3.31	2.74	2.30	1.88	1.52	1.22	1.345	13	
3:	181.72	4	5.59	0.01	1.4		5	377.0	69	
		11.73	10.16	8.99	7.88	6.86	5.92	44.1	0.25000	
	4.99	4.21	3.50	2.86	2.32	1.87	1.50	0.727	13	
4:	88.64	-6	7.13	0.00	3.8		5	754.0	67	
		14.85	12.92	11.43	10.03	8.75	7.54	54.2	0.50000	
	6.37	5.41	4.50	3.70	3.02	2.47	1.99	1.061	13	
5:	50.33	5	9.13	0.00	3.5		5	1256.7	63	
		19.04	16.60	14.69	12.89	11.25	9.64	71.9	0.25000	
	8.19	6.87	5.73	4.74	3.88	3.14	2.53	1.018	13	
6:	44.69	-1	11.19	0.00	1.1		5	1099.6	49	
		23.10	20.25	17.93	15.74	13.73	11.83	87.3	0.25000	
	9.97	8.47	7.04	5.76	4.71	3.83	3.08	0.937	13	
7:	12.63	4	13.05	0.04	1.1		5	1979.3	25	
		26.45	23.33	20.73	18.22	15.91	13.80	95.3	1.00000	
	11.68	9.93	8.34	6.83	5.70	4.68	3.84	1.282	13	
8:	7.71	-5	13.79	0.37	2.7		5	3110.4	24	
		29.08	25.37	22.31	19.77	17.40	14.51	113.1	0.12500	
	12.71	10.45	8.65	7.24	5.66	4.55	3.50	1.967	13	

D13_RAW.txt

*									
1440N	1420N ON	1415N 1440N	1410N 12929N	1400N 1000	1390N 4	1380N 12:32:14	1360N	1340N	1320N
1:	118.96	-2	5.26	0.62	0.7	5	628.3	75	
	3.72	11.06	9.55	7.67	8.50	8.59	6.53	43.1	0.25000
		2.63	3.02	2.01	1.20	1.58	1.65	17.296	7
2:	83.04	-4	6.03	0.08	0.8	5	942.5	78	
	5.54	12.71	10.99	9.81	8.39	7.16	6.25	46.1	0.50000
		4.71	3.81	3.20	2.66	2.06	1.62	2.561	13
3:	100.25	3	7.33	0.05	1.4	5	754.0	76	
	6.50	15.31	13.31	11.72	10.42	9.21	7.84	57.7	0.25000
		5.41	4.58	3.72	3.01	2.49	2.03	1.288	13
4:	52.44	-6	8.81	0.03	3.7	5	1256.7	66	
	7.83	18.30	15.97	14.10	12.48	11.00	9.37	69.3	0.25000
		6.56	5.51	4.51	3.66	3.03	2.47	1.248	13
5:	31.16	5	10.79	0.01	3.5	5	1885.0	59	
	9.70	22.30	19.54	17.33	15.16	13.22	11.37	84.3	0.25000
		8.15	6.78	5.58	4.57	3.70	2.97	0.964	13
6:	29.09	-1	12.71	0.05	1.1	5	1508.0	44	
	11.32	26.10	22.94	20.29	18.01	15.89	13.54	98.6	0.25000
		9.45	7.97	6.48	5.31	4.34	3.53	1.054	13
7:	8.84	4	13.93	0.20	1.1	5	2513.4	22	
	12.35	28.34	25.02	22.18	19.60	17.28	14.83	106.5	0.25000
		10.28	8.53	7.05	5.65	4.70	3.73	0.944	13
8:	5.72	-5	14.77	0.30	2.7	5	3770.2	22	
	13.89	29.79	26.47	24.05	20.31	16.92	15.09	107.0	2.00000
		11.97	9.66	7.92	6.81	5.59	4.28	3.558	13

*									
1450N	1440N ON	1435N 1450N	1430N 12949N	1420N 1000	1410N 4	1400N 12:35:14	1380N	1360N	1340N
1:	244.03	-1	3.59	0.97	1.0	5	188.5	46	
	2.94	7.43	5.98	5.14	4.66	4.10	3.80		
		2.21	2.31	1.88	1.30	1.29	0.58		99
2:	126.55	-5	3.97	0.27	1.0	5	377.0	48	
	3.64	8.50	7.39	6.56	5.72	5.00	4.17	32.2	0.25000
		3.12	2.47	2.05	1.75	1.34	1.21	1.875	11
3:	175.76	8	5.34	0.15	1.1	5	377.0	66	
	4.76	11.26	9.64	8.51	7.50	6.52	5.63	42.1	0.25000
		3.94	3.38	2.76	2.21	1.85	1.41	1.557	13
4:	102.27	-7	7.41	0.08	2.9	5	754.0	77	
	6.62	15.58	13.50	11.92	10.46	9.13	7.84	58.4	0.25000
		5.54	4.64	3.83	3.11	2.53	2.00	0.815	13
5:	54.94	1	9.28	0.00	2.9	5	1256.7	69	
	8.32	19.31	16.85	14.91	13.09	11.43	9.80	73.0	0.25000
		6.98	5.82	4.81	3.93	3.19	2.57	0.955	13
6:	48.76	-2	11.48	0.14	1.1	5	1099.6	54	
	10.28	23.69	20.71	18.37	16.15	14.10	12.14	89.4	0.25000
		8.58	7.24	5.96	4.84	3.95	3.10	0.951	13
7:	18.41	2	14.26	0.13	1.0	5	1979.3	36	
	12.74	29.23	25.64	22.77	20.08	17.51	15.11	109.7	0.25000
		10.66	8.94	7.37	5.96	4.86	3.80	0.813	13

D13_RAW.txt

8:	6.10	1	14.85	1.94	3.0		5	3110.4	19
	13.87	30.28	27.34	24.89	21.72	18.89	15.59	111.4	1.00000
		12.11	9.24	7.61	6.73	4.95	4.88	2.156	8
*									
1460N	1440N ON	1435N 1460N	1430N 12949N	1420N 1000	1410N 4	1400N	1380N 12:37:45	1360N	1340N
1:	99.91	-1	5.08	0.14	1.0		5	628.3	63
		11.51	9.60	8.53	7.71	5.47	5.13	39.9	1.00000
	5.99	3.95	2.66	2.73	3.01	2.34	1.23	17.138	13
2:	58.89	-5	6.22	0.04	1.0		5	942.5	55
		12.89	11.21	9.90	8.61	7.83	6.63	48.5	0.25000
	5.19	4.64	4.05	3.20	2.39	1.97	1.76	3.921	13
3:	89.28	7	7.36	0.03	1.1		5	754.0	67
		15.57	13.46	11.90	10.47	8.97	7.76	56.3	0.50000
	6.79	5.57	4.56	3.83	3.24	2.60	2.02	1.976	13
4:	56.18	-7	9.53	0.00	2.9		5	1256.7	71
		19.86	17.30	15.34	13.46	11.66	10.04	74.9	0.25000
	8.61	7.16	5.92	4.91	4.07	3.32	2.61	1.209	13
5:	31.79	1	11.38	0.01	2.8		5	1885.0	60
		23.50	20.57	18.21	16.01	13.97	12.00	85.2	0.50000
	10.21	8.58	7.15	5.90	4.84	3.92	3.16	0.841	13
6:	29.94	-2	13.39	0.01	1.1		5	1508.0	45
		27.40	24.08	21.40	18.84	16.33	14.09	99.6	0.50000
	12.12	10.10	8.36	6.95	5.75	4.68	3.68	0.870	13
7:	12.24	2	15.89	0.10	0.9		5	2513.4	31
		31.92	28.28	25.20	22.21	19.35	16.69	117.1	0.50000
	14.33	12.01	9.98	8.25	6.83	5.54	4.42	0.591	13
8:	4.41	1	15.92	0.81	2.7		5	3770.2	17
		31.85	28.74	25.79	22.52	20.89	17.09	121.5	0.25000
	13.10	12.25	10.95	8.39	5.72	4.78	4.64	7.272	13
*									
1470N	1460N ON	1455N 1470N	1450N 12969N	1440N 1000	1430N 4	1420N	1400N 12:40:29	1380N	1360N
1:	269.93	2	4.05	0.22	1.0		5	188.5	51
		8.04	6.31	5.27	4.98	5.31	4.64	28.5	2.00000
	3.11	3.52	1.77	2.44	1.68	0.69	1.08	16.209	11
2:	141.48	-6	4.68	0.01	1.1		5	377.0	53
		9.90	8.63	7.70	6.70	5.71	4.88	36.2	0.50000
	4.28	3.45	3.06	2.36	2.00	1.75	1.32	3.004	13
3:	178.70	6	6.19	0.03	1.3		5	377.0	67
		12.92	11.16	9.86	8.65	7.63	6.57	48.9	0.25000
	5.53	4.69	3.83	3.25	2.63	2.06	1.68	1.264	13
4:	85.11	-7	7.94	0.02	2.9		5	754.0	64
		16.45	14.27	12.60	11.10	9.82	8.44	59.9	0.50000
	7.04	6.05	4.89	4.16	3.39	2.67	2.21	1.441	13
5:	51.52	5	9.59	0.00	2.7		5	1256.7	65
		19.91	17.35	15.37	13.49	11.80	10.14	72.3	0.50000
	8.59	7.24	6.02	4.99	4.09	3.31	2.68	0.947	13
6:	53.73	-6	12.31	0.03	1.3		5	1099.6	59
		25.26	22.14	19.61	17.26	15.20	13.05	91.6	0.50000
	10.98	9.33	7.64	6.40	5.21	4.16	3.39	1.040	13

D13_RAW.txt

7:	19.76	-1	15.16	0.03	1.5		5	1979.3	39	
		30.67	27.07	24.14	21.22	18.61	16.04	112.1	0.50000	
	13.54	11.50	9.50	7.86	6.50	5.24	4.27	0.560	13	
8:	8.72	1	17.10	0.01	2.6		5	3110.4	27	
		34.62	31.55	27.89	24.22	20.50	16.94	124.2	2.00000	
	17.05	12.26	12.41	8.50	7.70	7.22	5.05	7.165	13	
*	1480N	1460N ON	1455N 1480N	1450N 12969N	1440N 1000	1430N 4	1420N 12:42:52	1400N	1380N	1360N
1:	117.90	1	4.86	1.47	1.0		5	628.3	74	
		11.19	6.87	7.99	8.75	7.56	4.20			
	4.98	3.71	4.16	1.56	1.73	2.61	0.84		99	
2:	70.20	-6	7.13	0.20	1.1		5	942.5	66	
		14.55	13.10	11.32	9.70	8.48	7.67	54.0	0.50000	
	6.32	5.39	4.34	3.87	3.12	2.34	2.06	3.024	13	
3:	96.84	6	8.39	0.05	1.3		5	754.0	73	
		17.37	15.03	13.40	11.87	10.38	8.79	63.6	0.50000	
	7.58	6.34	5.36	4.33	3.58	2.96	2.33	1.094	13	
4:	49.40	-7	9.96	0.16	2.9		5	1256.7	62	
		20.65	17.83	15.93	14.19	12.40	10.45	75.2	0.50000	
	9.05	7.56	6.40	5.12	4.22	3.53	2.72	1.394	13	
5:	31.19	4	11.66	0.01	2.7		5	1885.0	59	
		23.99	20.98	18.61	16.39	14.37	12.29	87.3	0.50000	
	10.48	8.80	7.35	6.06	4.93	4.06	3.26	0.740	13	
6:	34.16	-5	14.21	0.13	1.3		5	1508.0	52	
		28.91	25.28	22.61	20.02	17.54	14.97	105.5	0.50000	
	12.77	10.78	9.08	7.36	6.03	4.99	3.91	0.807	13	
7:	13.52	-0	16.60	0.00	1.9		5	2513.4	34	
		33.27	29.44	26.26	23.19	20.45	17.54	122.2	0.50000	
	14.88	12.60	10.46	8.64	7.12	5.81	4.64	0.610	13	
8:	6.42	0	19.06	1.41	3.0		5	3770.2	24	
		36.56	35.35	29.73	24.65	21.84	20.98	134.0	1.00000	
	16.72	14.28	10.99	10.79	8.42	5.58	5.79	5.327	11	
*	1490N	1480N ON	1475N 1490N	1470N 12989N	1460N 1000	1450N 4	1440N 12:45:39	1420N	1400N	1380N
1:	271.27	-1	4.30	0.54	1.0		5	188.5	51	
		8.11	7.50	6.40	5.41	5.44	4.51	31.3	2.00000	
	3.83	3.25	2.75	2.11	1.65	0.94	1.09	3.399	9	
2:	145.39	-2	4.96	0.08	1.1		5	377.0	55	
		10.64	9.04	8.08	7.09	6.07	5.24	38.3	0.50000	
	4.44	3.71	3.13	2.59	2.13	1.83	1.38	2.421	13	
3:	177.70	1	6.64	0.02	1.2		5	377.0	67	
		13.75	11.99	10.58	9.27	8.17	7.01	50.5	0.50000	
	5.99	5.08	4.21	3.48	2.86	2.25	1.85	1.109	13	
4:	98.70	-5	8.81	0.06	3.3		5	754.0	74	
		17.86	15.64	13.85	12.19	10.75	9.25	66.1	0.50000	
	7.92	6.67	5.57	4.64	3.74	3.07	2.36	1.249	13	
5:	54.98	4	10.78	0.00	3.0		5	1256.7	69	
		22.03	19.31	17.16	15.09	13.21	11.37	81.2	0.50000	
	9.71	8.19	6.83	5.64	4.64	3.78	3.10	1.024	13	

D13_RAW.txt

6:	48.08	-2	12.95	0.16	0.8		5	1099.6	53
		26.28	23.13	20.50	17.99	15.94	13.68	96.3	0.50000
	11.63	9.86	8.15	6.79	5.52	4.42	3.63	0.677	13
7:	21.78	-5	16.06	0.00	1.4		5	1979.3	43
		32.38	28.61	25.51	22.45	19.67	16.95	118.4	0.50000
	14.43	12.15	10.15	8.39	6.87	5.57	4.48	0.365	13
8:	9.34	-1	17.59	0.53	3.0		5	3110.4	29
		35.93	31.03	28.42	25.11	21.27	18.55	127.3	1.00000
	15.67	13.27	11.11	9.41	7.56	7.07	5.01	3.805	13

*

	1500N	1480N ON	1475N 1500N	1470N 12989N	1460N 1000	1450N 4	1440N 12:48:13	1420N	1400N	1380N
1:	110.96	-0	6.42	1.46	0.9		5	628.3	70	
		11.82	8.80	8.02	7.95	9.78	7.91	107.0	4096.00000	
	4.84	4.92	4.20	2.68	2.64	1.59	2.20	15.319	6	
2:	66.79	-1	7.71	0.38	1.0		5	942.5	63	
		16.40	14.57	12.81	11.07	9.05	7.88	61.5	0.25000	
	7.15	5.82	4.86	4.19	3.35	2.77	2.01	3.537	13	
3:	88.92	0	9.21	0.16	1.2		5	754.0	67	
		18.85	16.32	14.48	12.81	11.50	9.84	69.3	0.50000	
	8.18	6.98	5.82	4.74	3.92	3.12	2.62	1.320	13	
4:	52.98	-5	11.33	0.14	3.3		5	1256.7	67	
		22.86	19.94	17.74	15.71	14.02	12.05	82.6	1.00000	
	10.11	8.57	7.19	5.89	4.89	3.96	3.26	1.175	13	
5:	30.91	4	13.17	0.04	2.9		5	1885.0	58	
		26.83	23.57	20.95	18.45	16.11	13.89	98.1	0.50000	
	11.84	9.96	8.36	6.90	5.63	4.57	3.66	0.518	13	
6:	28.40	-2	15.16	0.25	0.7		5	1508.0	43	
		30.19	26.59	23.69	20.95	18.81	16.15	108.6	1.00000	
	13.50	11.52	9.53	7.86	6.55	5.19	4.33	1.312	13	
7:	13.89	-4	17.78	0.09	1.3		5	2513.4	35	
		35.39	31.39	28.04	24.82	21.69	18.74	130.3	0.50000	
	15.99	13.49	11.24	9.35	7.64	6.20	4.98	0.824	13	
8:	6.52	-1	19.09	1.34	2.9		5	3770.2	25	
		38.73	35.91	31.88	27.58	21.39	18.99	138.1	1.00000	
	18.22	14.51	11.80	10.75	8.22	7.38	5.05	5.506	12	

*

	1510N	1500N ON	1495N 1510N	1490N 13009N	1480N 1000	1470N 4	1460N 12:51:21	1440N	1420N	1400N
1:	266.75	-1	3.55	0.20	1.0		5	188.5	50	
		9.50	8.24	6.99	6.03	4.89	3.87	35.5	0.12500	
	3.83	3.27	2.36	2.24	1.70	1.40	1.28	7.434	13	
2:	174.05	0	5.38	0.05	0.8		5	377.0	66	
		10.80	9.27	8.29	7.32	6.49	5.65	39.9	0.50000	
	4.69	3.95	3.36	2.70	2.24	1.80	1.40	1.595	13	
3:	198.84	0	6.84	0.04	1.3		5	377.0	75	
		14.43	12.55	11.09	9.74	8.46	7.23	52.6	0.50000	
	6.22	5.26	4.31	3.62	2.93	2.40	1.96	1.301	13	
4:	96.75	-3	9.43	0.02	3.1		5	754.0	73	
		19.57	17.12	15.13	13.29	11.59	9.97	71.4	0.50000	
	8.49	7.17	5.98	4.93	4.05	3.27	2.65	0.842	13	

D13_RAW.txt

5:	52.14	-2	11.69	0.00	3.1		5	1256.7	66
		23.87	20.95	18.59	16.35	14.34	12.32	87.4	0.50000
	10.51	8.85	7.39	6.11	5.01	4.05	3.24	0.532	13
6:	51.85	-1	14.12	0.06	1.2		5	1099.6	57
		28.88	25.46	22.58	19.88	17.36	14.92	105.7	0.50000
	12.82	10.83	8.98	7.47	6.11	4.96	4.02	0.766	13
7:	18.74	-0	16.77	0.05	0.9		5	1979.3	37
		33.83	30.05	26.69	23.49	20.57	17.70	120.8	1.00000
	15.17	12.82	10.71	8.87	7.27	5.89	4.82	0.928	13
8:	9.86	-6	19.91	0.14	2.7		5	3110.4	31
		37.30	33.00	29.79	26.50	23.62	20.84	138.7	0.50000
	17.24	14.55	12.41	9.79	8.24	6.53	5.05	2.369	13

*
 1520N 1500N 1495N 1490N 1480N 1470N 1460N 1440N 1420N 1400N
 ON ON 1520N 13009N 1000 4 12:53:47|

1:	124.96	0	6.07	0.00	1.0		5	628.3	79
		14.70	12.06	10.18	9.08	7.48	7.28	52.7	8.00000
	6.33	5.02	4.06	4.38	3.43	2.59	2.33	8.373	13
2:	90.99	0	8.02	0.00	0.7		5	942.5	86
		16.15	14.23	12.73	11.21	9.89	8.32	61.6	0.25000
	7.02	5.95	5.00	3.91	3.22	2.65	2.07	1.450	13
3:	111.39	-1	9.39	0.00	1.3		5	754.0	84
		19.54	17.02	15.04	13.24	11.51	10.02	71.6	0.50000
	8.54	7.15	5.94	5.05	4.12	3.31	2.68	1.234	13
4:	57.73	-3	11.87	0.00	3.1		5	1256.7	73
		24.33	21.33	18.93	16.66	14.55	12.57	89.2	0.50000
	10.73	9.01	7.51	6.27	5.12	4.15	3.35	0.729	13
5:	32.36	-2	13.98	0.01	3.1		5	1885.0	61
		28.34	24.96	22.18	19.54	17.12	14.75	104.0	0.50000
	12.57	10.60	8.86	7.32	6.00	4.89	3.94	0.661	13
6:	33.62	-1	16.15	0.00	1.2		5	1508.0	51
		32.57	28.71	25.51	22.56	19.70	17.13	116.7	1.00000
	14.65	12.34	10.29	8.69	7.11	5.74	4.59	0.898	13
7:	12.93	-1	18.36	0.00	0.9		5	2513.4	32
		36.39	32.34	28.86	25.46	22.32	19.42	130.9	1.00000
	16.42	14.02	11.70	9.81	8.09	6.49	5.18	0.767	13
8:	7.29	-6	20.51	0.00	2.7		5	3770.2	27
		38.66	35.06	31.87	28.14	25.01	21.08	144.2	0.50000
	18.01	15.52	12.90	10.02	8.21	6.89	5.17	2.768	13

*
 1530N 1520N 1515N 1510N 1500N 1490N 1480N 1460N 1440N 1420N
 ON ON 1530N 13029N 1000 4 12:56:34|

1:	292.41	-2	4.83	0.88	0.9		5	188.5	55
		9.16	7.40	6.18	6.19	5.67	4.99	35.0	8.00000
	3.90	3.18	2.80	1.22	1.94	1.20	1.39	6.344	6
2:	174.70	-1	4.37	0.15	0.9		5	377.0	66
		9.58	8.30	7.38	6.32	5.47	4.66	35.8	0.25000
	4.01	3.37	2.77	2.48	1.85	1.56	1.17	2.870	13
3:	195.79	2	6.37	0.13	1.4		5	377.0	74
		13.12	11.36	9.99	8.87	7.78	6.68	49.8	0.25000
	5.64	4.71	3.97	3.14	2.67	2.11	1.79	1.875	13

D13_RAW.txt

4:	123.53	-3	9.15	0.02	3.0		5	754.0	93
	8.19	18.66	16.29	14.44	12.76	11.21	9.65	68.6	0.50000
		6.88	5.74	4.69	3.88	3.14	2.54	0.668	13
5:	66.88	0	11.29	0.00	2.7		5	1256.7	84
	10.15	22.88	20.10	17.87	15.75	13.83	11.91	84.5	0.50000
		8.55	7.16	5.90	4.85	3.93	3.17	0.625	13
6:	56.54	-6	14.41	0.03	1.3		5	1099.6	62
	12.91	28.80	25.32	22.49	19.93	17.57	15.20	106.1	0.50000
		10.89	9.09	7.39	6.16	4.97	4.05	0.904	13
7:	22.37	1	17.73	0.09	1.3		5	1979.3	44
	15.85	34.73	30.68	27.44	24.44	21.56	18.71	125.0	1.00000
		13.40	11.21	9.05	7.55	6.07	5.00	0.999	13
8:	9.16	-2	18.60	0.68	2.5		5	3110.4	28
	17.09	37.49	33.66	30.32	26.28	22.94	19.63	134.7	1.00000
		14.52	11.99	10.71	7.97	6.73	5.14	2.749	13

*

	1540N	1520N ON	1515N 1540N	1510N 13029N	1500N 1000	1490N 4	1480N 12:59:00	1460N	1440N	1420N
1:	117.36	-1	5.48	1.03	0.9		5	628.3	74	
	3.89	8.09	6.86	6.48	6.08	6.11	5.05	78.4	4096.00000	
		4.70	2.63	2.41	1.02	1.81	1.32	5.364	5	
2:	79.33	-1	5.78	0.16	0.9		5	942.5	75	
	5.35	12.56	10.92	9.60	8.35	7.17	6.20	47.2	0.25000	
		4.24	3.77	3.07	2.68	2.00	1.64	2.893	13	
3:	96.42	2	7.73	0.11	1.3		5	754.0	73	
	6.84	15.56	13.54	12.06	10.66	9.42	8.09	57.7	0.50000	
		5.92	4.80	3.99	3.16	2.66	2.14	1.251	13	
4:	65.01	-3	10.59	0.03	3.0		5	1256.7	82	
	9.50	21.28	18.69	16.66	14.72	12.95	11.16	79.2	0.50000	
		8.08	6.70	5.54	4.50	3.69	2.96	0.784	13	
5:	36.78	-0	12.73	0.04	2.7		5	1885.0	69	
	11.44	25.45	22.45	20.02	17.69	15.55	13.41	92.3	1.00000	
		9.70	8.11	6.70	5.49	4.47	3.60	0.707	13	
6:	32.72	-5	15.60	0.04	1.3		5	1508.0	49	
	13.98	30.66	27.13	24.27	21.53	19.03	16.45	111.5	1.00000	
		11.97	9.90	8.19	6.62	5.51	4.38	0.771	13	
7:	13.99	1	18.40	0.07	1.2		5	2513.4	35	
	16.44	35.31	31.47	28.28	25.18	22.33	19.32	129.7	1.00000	
		14.16	11.67	9.63	7.79	6.49	5.21	0.996	13	
8:	6.22	-3	19.58	0.51	2.4		5	3770.2	23	
	18.13	39.05	35.13	31.22	27.45	23.95	20.87	140.1	2.00000	
		14.78	12.96	10.77	9.29	7.15	5.76	2.079	13	

*

	1550N	1540N ON	1535N 1550N	1530N 13049N	1520N 1110	1510N 4	1500N 13:01:54	1480N	1460N	1440N
1:	507.65	-2	5.45	1.07	1.1		5	188.5	86	
	4.99	11.27	9.84	9.20	7.96	8.13	6.27	51.7	32.00000	
		4.35	4.03	2.89	2.64	2.46	1.37	4.676	6	
2:	266.56	1	6.44	0.28	1.1		5	377.0	91	
	5.76	13.05	11.36	10.01	8.87	7.49	6.66	48.0	0.50000	
		4.85	3.92	3.36	2.68	2.08	1.85	2.509	13	

D13_RAW.txt

3:	248.67	4	6.20	0.23	1.2		5	377.0	84
		13.04	11.32	10.11	8.84	7.96	6.67	49.5	0.25000
	5.55	4.67	3.97	3.16	2.63	2.19	1.62	1.994	13
4:	106.63	-6	6.35	0.13	3.1		5	754.0	72
		12.96	11.30	10.09	8.87	7.95	6.76	47.6	1.00000
	5.72	4.84	4.13	3.35	2.79	2.32	1.79	1.455	13
5:	56.29	3	8.83	0.01	2.9		5	1256.7	64
		17.74	15.56	13.86	12.25	10.77	9.30	64.8	1.00000
	7.94	6.71	5.61	4.65	3.81	3.09	2.49	0.886	13
6:	62.95	-6	12.46	0.23	1.0		5	1099.6	62
		24.58	21.75	19.53	17.26	15.48	13.23	91.1	1.00000
	11.24	9.53	8.11	6.61	5.50	4.56	3.54	1.135	13
7:	21.81	-3	16.46	0.11	1.1		5	1979.3	39
		32.08	28.53	25.61	22.69	20.11	17.38	118.0	1.00000
	14.87	12.62	10.61	8.76	7.22	5.87	4.68	0.767	13
8:	10.18	-1	19.52	1.70	2.6		5	3110.4	29
		37.06	33.35	29.14	26.45	21.56	19.77	133.0	2.00000
	17.53	14.59	11.74	10.46	8.19	6.20	5.71	2.967	10

*

	1560N	1540N ON	1535N 1560N	1530N 13049N	1520N 1110	1510N 4	1500N 13:04:36	1480N	1460N	1440N
1:	181.79	-2	6.63	0.91	1.1		5	628.3	103	
		15.15	12.83	9.20	8.23	8.56	7.01	57.2	0.06250	
	5.93	4.33	4.15	3.28	3.86	2.48	2.22	9.189	7	
2:	110.13	2	6.85	0.21	1.1		5	942.5	94	
		13.22	11.63	10.93	9.67	8.20	7.20	50.5	1.00000	
	6.20	5.42	4.43	3.71	2.79	2.43	1.92	2.613	13	
3:	111.77	3	7.14	0.14	1.2		5	754.0	76	
		14.98	13.01	11.14	9.83	8.84	7.54	54.4	0.50000	
	6.40	5.26	4.49	3.68	3.21	2.49	2.04	2.412	13	
4:	52.26	-6	7.45	0.10	3.1		5	1256.7	59	
		15.08	13.19	11.51	10.19	9.13	7.85	54.9	2.00000	
	6.72	5.63	4.79	3.98	3.40	2.70	2.21	1.864	13	
5:	29.09	3	10.07	0.01	2.9		5	1885.0	49	
		19.74	17.43	15.60	13.85	12.22	10.60	73.0	2.00000	
	9.10	7.73	6.49	5.39	4.46	3.64	2.94	0.717	13	
6:	34.64	-5	13.84	0.11	1.0		5	1508.0	47	
		27.01	23.99	21.16	18.86	16.82	14.58	98.9	2.00000	
	12.50	10.51	8.92	7.38	6.25	4.98	4.06	0.988	13	
7:	13.15	-2	17.53	0.04	1.1		5	2513.4	30	
		33.26	29.74	26.69	23.85	21.16	18.44	123.4	2.00000	
	15.87	13.40	11.29	9.41	7.80	6.40	5.21	0.829	13	
8:	6.78	-1	18.77	0.56	2.6		5	3770.2	23	
		33.57	30.65	30.15	26.47	22.48	19.75	131.5	1.00000	
	16.99	15.17	12.40	10.46	7.45	6.39	4.94	5.337	13	

*

	1570N	1560N ON	1555N 1570N	1550N 13069N	1540N 1019	1530N 4	1520N 13:08:33	1500N	1480N	1460N
1:	521.88	-5	5.91	0.15	1.1		5	188.5	97	
		10.71	9.19	8.15	7.53	6.05	5.99	46.2	32.00000	
	4.71	4.64	3.44	3.21	2.73	1.98	2.08	7.259	13	

D13_RAW.txt

2:	311.88	7	5.69	0.01	1.1		5	377.0	115
		11.36	9.98	8.95	7.93	7.11	6.03	42.8	1.00000
	5.27	4.35	3.75	3.07	2.51	2.09	1.60	1.557	13
3:	273.67	2	5.95	0.01	1.0		5	377.0	101
		11.82	10.28	9.15	8.14	7.09	6.23	43.7	2.00000
	5.28	4.57	3.78	3.19	2.65	2.14	1.80	1.687	13
4:	111.40	-4	7.12	0.01	2.8		5	754.0	82
		13.96	12.18	10.90	9.67	8.46	7.46	52.1	2.00000
	6.34	5.50	4.57	3.83	3.20	2.58	2.17	1.575	13
5:	46.60	3	7.93	0.01	2.7		5	1256.7	57
		16.02	14.02	12.48	11.02	9.67	8.35	58.4	1.00000
	7.13	6.03	5.04	4.18	3.42	2.79	2.25	0.947	13
6:	37.09	-5	9.81	0.03	1.0		5	1099.6	40
		18.76	16.55	14.81	13.21	11.53	10.24	70.8	4.00000
	8.66	7.57	6.24	5.25	4.37	3.52	3.02	1.658	13
7:	17.55	-3	15.17	0.05	1.1		5	1979.3	34
		28.51	25.43	22.92	20.39	17.93	15.88	107.1	4.00000
	13.49	11.72	9.69	8.12	6.74	5.41	4.57	1.091	13
8:	7.45	-4	17.04	0.30	2.5		5	3110.4	23
		33.16	30.29	27.70	24.00	21.91	18.19	126.6	0.50000
	15.94	13.00	11.39	9.03	7.33	6.06	4.51	2.867	13

*

	1580N	1560N ON	1555N 1580N	1550N 13069N	1540N 1019	1530N 4	1520N 13:11:14	1500N	1480N	1460N
1:	146.23	-5	3.93	0.03	1.2		5	628.3	90	
		8.81	7.69	7.24	5.48	5.02	4.22	31.7	2.00000	
	3.90	3.02	2.76	2.19	1.72	1.81	1.34	7.769	13	
2:	99.40	7	5.18	0.00	1.0		5	942.5	92	
		10.53	9.12	8.04	7.22	6.26	5.44	39.0	0.50000	
	4.56	3.91	3.24	2.68	2.19	1.72	1.41	1.208	13	
3:	97.44	2	5.58	0.01	1.0		5	754.0	72	
		11.64	10.10	9.01	7.83	6.87	5.90	43.1	0.50000	
	5.07	4.24	3.57	2.93	2.42	2.00	1.62	1.466	13	
4:	45.02	-4	7.34	0.01	2.8		5	1256.7	56	
		14.80	12.98	11.62	10.17	8.96	7.74	54.6	1.00000	
	6.69	5.61	4.71	3.90	3.23	2.64	2.12	0.824	13	
5:	20.52	3	8.65	0.03	2.7		5	1885.0	38	
		17.52	15.41	13.74	12.09	10.63	9.12	65.0	0.50000	
	7.78	6.52	5.43	4.48	3.68	2.97	2.39	0.376	13	
6:	18.17	-5	10.84	0.04	1.0		5	1508.0	27	
		20.88	18.66	16.82	14.83	13.19	11.40	78.2	2.00000	
	9.88	8.29	7.00	5.79	4.78	3.93	3.12	0.718	13	
7:	9.85	-3	15.98	0.11	1.1		5	2513.4	24	
		29.84	27.02	24.46	21.79	19.39	16.78	112.3	2.00000	
	14.55	12.21	10.27	8.52	7.01	5.70	4.55	0.974	13	
8:	4.75	-4	18.44	0.28	2.4		5	3770.2	18	
		33.71	30.75	27.50	25.24	22.63	19.48	129.5	4.00000	
	16.73	14.38	11.55	9.77	8.57	7.29	5.24	3.162	13	

*

	1560N	1580N ON	1575N 1560N	1570N 13089N	1560N 1110	1550N 4	1540N 13:14:01	1500N	1480N
--	-------	-------------	----------------	-----------------	---------------	------------	-------------------	-------	-------

D13_RAW.txt

1:	468.26	-4	5.07	0.37	1.2		5	377.0	159
		8.16	7.32	7.82	6.40	5.95	5.48	34.0	1.00000
	4.73	3.47	2.06	2.65	1.56	1.81	1.38	14.867	10
2:	254.66	2	4.58	0.00	1.5		5	188.5	43
		9.27	8.03	7.09	6.34	5.59	4.83	34.9	4.00000
	4.13	3.63	3.16	2.53	2.17	1.69	1.40	2.431	13
3:	241.00	4	4.53	0.00	1.9		5	0.0	0
		9.19	7.95	7.13	6.26	5.51	4.77	34.5	0.50000
	4.10	3.41	2.81	2.39	1.91	1.60	1.29	1.444	13
4:	95.79	0	4.61	0.02	3.2		5	0.0	0
		9.81	8.43	7.50	6.54	5.70	4.88	36.6	0.25000
	4.14	3.44	2.82	2.36	1.89	1.58	1.25	1.250	13
5:	43.16	0	6.22	0.00	2.5		5	125.7	5
		12.97	11.25	9.99	8.76	7.65	6.57	49.1	0.25000
	5.57	4.66	3.87	3.20	2.62	2.11	1.68	0.648	13
6:	33.47	-2	9.40	0.22	0.8		5	251.3	8
		17.97	15.92	14.80	12.91	11.41	9.99	67.8	1.00000
	8.54	7.04	5.59	4.93	3.83	3.37	2.64	2.528	13
7:	11.04	-2	12.87	0.02	1.0		5	754.0	7
		23.90	21.50	19.63	17.43	15.51	13.43	90.7	2.00000
	11.65	9.75	8.09	6.82	5.56	4.58	3.64	1.041	13
8:	6.85	-5	18.19	0.19	2.7		5	1508.0	9
		31.71	28.95	27.33	24.06	21.82	19.14	124.9	4.00000
	16.79	13.89	11.15	10.01	7.55	6.84	5.02	3.794	13

*

	1590N	1580N ON	1575N 1590N	1570N 13089N	1560N 1110	1550N 4	1540N 13:17:05	1520N	1500N	1480N
1:	140.05	-2	5.45	0.91	1.2		5	188.5	24	
		7.63	7.28	4.95	5.29	4.31	5.40	84.8	4096.00000	
	5.70	5.26	5.95	4.04	3.86	1.46	1.95	29.308	8	
2:	89.13	1	4.84	0.12	1.5		5	377.0	30	
		10.23	8.77	7.94	6.95	6.17	5.11	37.4	0.50000	
	4.34	3.57	2.88	2.52	2.03	1.81	1.42	3.684	13	
3:	96.62	4	5.05	0.02	1.8		5	377.0	33	
		10.46	9.04	7.94	7.03	6.13	5.31	38.2	1.00000	
	4.62	3.89	3.38	2.75	2.29	1.76	1.46	2.198	13	
4:	43.89	1	5.87	0.11	3.2		5	754.0	30	
		12.20	10.63	9.39	8.13	7.16	6.23	46.1	0.25000	
	5.33	4.46	3.69	2.98	2.43	1.93	1.57	1.261	13	
5:	21.80	0	7.86	0.09	2.5		5	1256.7	25	
		15.94	13.98	12.39	10.90	9.54	8.31	58.8	0.50000	
	7.02	5.95	4.96	4.04	3.31	2.63	2.11	1.223	13	
6:	19.10	-1	11.23	0.12	0.8		5	1099.6	19	
		21.32	19.11	16.87	15.13	13.18	11.79	80.9	2.00000	
	10.24	8.89	7.78	6.16	5.16	3.83	3.22	3.435	13	
7:	7.33	-3	14.51	0.15	1.0		5	1979.3	13	
		26.55	24.19	21.89	19.63	17.43	15.30	103.2	4.00000	
	13.17	11.28	9.60	7.92	6.53	5.14	4.33	1.449	13	
8:	5.03	-5	18.04	0.27	2.6		5	3110.4	14	
		32.33	30.22	27.50	24.04	21.39	18.95	130.9	8.00000	
	16.83	14.94	12.94	10.42	8.60	6.31	5.51	4.141	13	

D13_RAW.txt

*									
1610N	1600N ON	1595N 1610N	1590N 13109N	1580N 1000	1570N 4	1560N 13:20:50	1540N	1520N	1500N
1:	202.94	-3	2.29	0.56	0.9		5	188.5	38
	1.99	4.14	2.74	2.25	4.52	2.46	2.59		
		2.82	1.78	1.52	0.50	0.16	0.23		99
2:	131.00	1	3.15	0.01	0.9		5	377.0	49
	2.89	7.47	6.49	5.73	4.43	4.11	3.40	27.7	0.12500
		2.05	1.91	1.57	1.41	1.19	0.97	8.091	13
3:	202.96	1	3.87	0.02	1.2		5	377.0	77
	3.43	7.95	6.73	5.91	5.49	4.68	4.07	30.3	0.25000
		3.07	2.46	2.01	1.58	1.24	0.98	3.368	13
4:	112.40	0	5.28	0.01	3.4		5	754.0	85
	4.75	10.37	9.00	8.02	7.25	6.37	5.53	38.8	2.00000
		4.12	3.43	2.83	2.32	1.88	1.51	1.446	13
5:	52.00	4	5.90	0.02	3.2		5	1256.7	65
	5.30	12.05	10.50	9.33	8.21	7.21	6.22	45.0	0.50000
		4.46	3.74	3.11	2.54	2.08	1.67	1.043	13
6:	38.55	1	7.65	0.02	1.0		5	1099.6	42
	6.83	15.19	13.23	11.79	10.80	9.29	8.03	57.0	0.50000
		5.98	4.81	4.00	3.16	2.52	2.02	2.269	13
7:	12.51	-0	12.41	0.00	0.9		5	1979.3	25
	11.12	23.47	20.85	18.74	17.15	15.05	13.02	88.6	1.00000
		9.70	8.00	6.55	5.26	4.22	3.33	2.410	13
8:	5.22	-5	15.40	0.12	2.4		5	3110.4	16
	14.07	29.46	26.77	24.12	21.49	19.71	16.30	113.4	0.50000
		11.57	10.18	8.16	6.98	5.36	3.79	4.639	13

*									
1620N	1600N ON	1595N 1620N	1590N 13109N	1580N 1000	1570N 4	1560N 13:23:06	1540N	1520N	1500N
1:	106.04	-3	4.34	1.78	0.8		5	628.3	67
	4.45	5.97	4.89	5.88	4.87	3.33	2.91		
		7.86	2.81	3.32	0.78	2.08	0.60		99
2:	74.76	1	3.53	0.35	0.9		5	942.5	70
	3.02	8.37	7.16	5.96	5.30	4.80	4.07	38.8	0.01563
		1.68	2.16	1.57	1.66	1.04	1.05	3.805	8
3:	123.81	1	4.63	0.18	1.2		5	754.0	93
	4.23	9.31	8.00	7.26	6.38	5.51	4.72	34.4	1.00000
		3.95	2.94	2.51	1.87	1.67	1.23	4.694	13
4:	72.82	0	6.10	0.05	3.4		5	1256.7	92
	5.56	11.85	10.42	9.40	8.32	7.30	6.34	44.9	2.00000
		4.89	3.97	3.31	2.65	2.24	1.79	1.660	13
5:	35.25	4	6.85	0.01	3.2		5	1885.0	66
	6.13	13.74	12.06	10.74	9.49	8.38	7.24	50.5	1.00000
		5.16	4.35	3.60	2.95	2.40	1.93	0.888	13
6:	27.63	2	9.00	0.17	1.0		5	1508.0	42
	8.10	17.41	15.41	13.98	12.32	10.64	9.31	65.3	1.00000
		7.33	5.63	4.80	3.67	3.15	2.48	2.873	13
7:	9.70	0	13.73	0.19	0.9		5	2513.4	24
	12.36	25.51	22.94	20.88	18.60	16.40	14.22	96.6	2.00000
		11.07	8.70	7.29	5.75	4.89	3.89	2.318	13

D13_RAW.txt

8:	4.31	-5	16.76	0.12	2.4		5	3770.2	16
		29.95	27.25	24.85	22.38	19.39	17.42	115.8	4.00000
	15.13	12.57	11.04	8.48	7.43	6.01	4.85	2.069	13

*
 1630N 1620N 1615N 1610N 1600N 1590N 1580N 1560N 1540N 1520N
 ON 1630N 13129N 1000 4 13:25:50|

1:	188.42	-2	1.61	0.09	0.8		5	188.5	36
		4.73	4.57	3.83	3.23	2.72	1.50	17.8	0.50000
	1.72	2.50	1.93	1.54	0.26	0.60	0.08	27.156	11

2:	81.20	-1	3.81	0.05	0.8		5	377.0	31
		7.53	6.12	5.39	4.83	4.28	4.10	26.0	2.00000
	3.27	2.16	1.84	1.53	1.83	1.27	1.26	14.088	13

3:	126.09	3	3.44	0.02	0.9		5	377.0	48
		7.92	6.88	6.05	5.20	4.46	3.59	38.3	0.01563
	3.14	2.89	2.39	1.98	1.31	1.14	0.77	7.319	13

4:	99.30	-3	4.32	0.03	2.8		5	754.0	75
		9.43	8.16	7.15	6.25	5.44	4.53	36.8	0.12500
	3.89	3.38	2.81	2.26	1.76	1.49	1.13	2.153	13

5:	72.16	1	5.54	0.01	2.8		5	1256.7	91
		11.43	9.92	8.81	7.76	6.79	5.85	43.8	0.25000
	4.97	4.17	3.48	2.86	2.34	1.88	1.51	0.995	13

6:	67.02	3	7.37	0.00	1.1		5	1099.6	74
		14.69	13.00	11.59	10.29	9.07	7.73	55.0	1.00000
	6.70	5.80	4.89	3.99	3.17	2.66	2.10	1.455	13

7:	18.75	2	9.95	0.05	1.0		5	1979.3	37
		19.88	17.70	15.93	14.07	12.35	10.48	75.2	0.50000
	9.03	7.89	6.52	5.43	4.14	3.45	2.65	2.500	13

8:	7.22	-2	17.38	0.48	2.3		5	3110.4	22
		30.28	26.15	24.25	21.99	19.58	18.84	116.3	8.00000
	15.30	10.61	9.03	7.49	8.47	5.77	6.03	11.509	13

*
 1640N 1620N 1615N 1610N 1600N 1590N 1580N 1560N 1540N 1520N
 ON 1640N 13129N 1000 4 13:28:12|

1:	81.43	-3	1.72	1.06	0.8		5	628.3	51
		10.23	9.62	7.31	5.96	4.95	1.30		
	2.17	1.27	2.66	2.74	1.49	1.90	0.73		99

2:	39.67	-1	4.93	0.52	0.8		5	942.5	37
		7.39	5.91	5.75	5.28	4.73	5.47	71.3	4096.00000
	4.09	3.72	2.27	1.70	1.73	1.07	1.22	9.159	8

3:	68.57	2	4.28	0.28	0.9		5	754.0	52
		10.51	9.23	7.85	6.80	5.89	4.43	39.5	0.12500
	3.98	3.19	2.98	2.55	1.91	1.69	1.18	6.324	12

4:	57.38	-3	5.18	0.07	2.8		5	1256.7	72
		11.52	10.06	8.83	7.68	6.64	5.42	42.7	0.25000
	4.70	3.88	3.40	2.81	2.25	1.90	1.43	2.813	13

5:	43.27	1	6.55	0.00	2.8		5	1885.0	82
		13.27	11.61	10.34	9.13	8.01	6.91	49.7	0.50000
	5.88	4.96	4.14	3.42	2.80	2.27	1.84	0.650	13

6:	42.21	3	8.49	0.10	1.1		5	1508.0	64
		17.09	15.24	13.55	11.98	10.54	8.88	63.7	1.00000
	7.75	6.48	5.59	4.69	3.78	3.14	2.47	1.465	13

D13_RAW.txt

7:	12.91	3	11.31	0.13	1.0		5	2513.4	32
		22.63	20.43	18.25	16.14	14.13	11.84	83.5	1.00000
	10.27	8.55	7.36	6.14	4.96	4.07	3.19	1.461	13

8:	5.46	-2	18.25	1.17	2.3		5	3770.2	21
		26.68	23.56	22.38	20.76	18.57	19.78	117.0	16.00000
	15.78	14.00	9.73	7.57	6.90	4.66	4.63	10.224	11

*
 1650N 1640N 1635N 1630N 1620N 1610N 1600N 1580N 1560N 1540N
 ON 1650N 13149N 1000 4 14:09:56|

1:	219.15	-3	2.45	0.01	0.7		5	188.5	41
		5.95	5.42	5.26	4.58	3.36	2.92	22.3	4.00000
	1.96	2.07	1.66	1.45	1.40	1.16	1.22	16.527	13

2:	119.70	2	3.39	0.05	0.7		5	377.0	45
		6.99	5.77	4.97	4.34	4.00	3.48	28.7	0.06250
	3.15	2.42	2.06	1.69	1.33	1.04	0.69	7.155	13

3:	146.82	4	3.79	0.00	0.8		5	377.0	55
		8.18	7.14	6.39	5.61	4.76	4.08	30.0	0.50000
	3.33	2.91	2.41	1.98	1.69	1.35	1.17	3.219	13

4:	61.71	-5	4.55	0.03	2.7		5	754.0	47
		9.78	8.57	7.64	6.74	5.71	4.86	35.9	0.50000
	3.99	3.52	2.91	2.39	2.00	1.62	1.42	3.435	13

5:	38.30	-4	5.56	0.04	2.7		5	1256.7	48
		11.82	10.22	9.05	7.90	6.87	5.89	44.2	0.25000
	4.95	4.16	3.47	2.87	2.36	1.88	1.52	0.958	13

6:	58.96	-4	6.86	0.01	0.9		5	1099.6	65
		13.98	12.27	10.98	9.70	8.48	7.25	52.1	0.50000
	6.12	5.16	4.33	3.56	2.94	2.36	1.92	0.597	13

7:	26.44	6	9.91	0.01	1.3		5	1979.3	52
		18.97	16.90	15.20	13.56	11.98	10.41	71.4	2.00000
	8.97	7.58	6.38	5.31	4.29	3.53	2.87	0.656	13

8:	8.93	4	14.29	0.65	2.6		5	3110.4	28
		23.94	19.54	15.09	13.61	16.19	13.06	86.3	0.50000
	13.78	9.98	8.71	6.62	3.50	3.42	1.29	19.318	12

*
 1660N 1640N 1635N 1630N 1620N 1610N 1600N 1580N 1560N 1540N
 ON 1660N 13149N 1000 4 14:12:19|

1:	91.18	-3	4.57	2.19	0.7		5	628.3	57
		9.46	8.73	7.57	6.27	5.57	4.46		
	3.58	3.25	2.72	3.07	1.24	0.45	0.20		99

2:	56.29	2	3.74	0.74	0.6		5	942.5	53
		8.00	6.66	5.94	5.34	4.61	4.06	29.9	0.25000
	3.51	2.87	2.46	1.69	1.83	1.66	1.38	2.262	6

3:	75.43	4	4.86	0.43	0.8		5	754.0	57
		10.17	8.90	7.86	6.83	5.98	5.06	38.6	0.25000
	4.28	3.63	3.02	2.67	1.94	1.46	1.14	2.389	10

4:	34.41	-5	5.66	0.53	2.7		5	1256.7	43
		11.70	10.30	9.19	7.96	6.94	5.90	43.2	0.50000
	4.99	4.21	3.53	3.08	2.22	1.68	1.33	2.091	10

5:	22.58	-4	6.50	0.02	2.7		5	1885.0	43
		13.58	11.83	10.47	9.14	8.03	6.88	51.2	0.25000
	5.85	4.91	4.05	3.39	2.78	2.16	1.68	1.737	13

D13_RAW.txt

6:	36.19	-5	7.88	0.08	0.9		5	1508.0	55
		15.81	13.94	12.48	11.00	9.64	8.30	59.2	0.50000
	7.10	5.94	4.97	4.12	3.33	2.67	2.14	0.726	13
7:	17.37	6	10.98	0.10	1.3		5	2513.4	44
		20.69	18.53	16.79	15.01	13.31	11.56	78.3	2.00000
	9.86	8.39	6.95	5.80	4.77	3.91	3.13	0.796	13
8:	6.48	4	10.57	6.87	2.6		5	3770.2	24
		19.18	16.09	14.73	15.13	12.90	12.16		
	10.94	8.11	6.09	2.95	6.60	7.40	5.94		99

*

1670N	1660N ON	1655N 1670N	1650N 13169N	1640N 1000	1630N 4	1620N 14:15:32	1600N	1580N	1560N
1:	169.75	-3	2.46	0.17	0.7		5	188.5	32
		5.14	4.20	3.52	3.19	2.83	2.62	17.7	2.00000
	1.89	1.85	1.30	1.39	0.97	1.00	0.62	9.774	12
2:	111.94	2	2.68	0.03	0.6		5	377.0	42
		6.11	5.18	4.63	4.03	3.48	2.84	25.0	0.06250
	2.56	2.03	1.81	1.36	1.11	0.82	0.77	4.005	13
3:	152.10	3	3.47	0.02	0.8		5	377.0	57
		7.20	6.14	5.38	4.72	4.16	3.66	26.2	0.50000
	3.02	2.61	2.08	1.81	1.47	1.23	0.92	2.510	13
4:	79.00	-5	4.55	0.01	2.5		5	754.0	60
		9.51	8.16	7.19	6.36	5.58	4.80	36.0	0.25000
	4.04	3.42	2.80	2.36	1.91	1.56	1.24	1.308	13
5:	43.71	1	5.59	0.02	2.4		5	1256.7	55
		11.46	9.94	8.82	7.81	6.85	5.91	42.6	0.50000
	5.01	4.24	3.51	2.92	2.39	1.96	1.57	0.872	13
6:	35.20	-6	6.68	0.02	0.8		5	1099.6	39
		13.78	12.01	10.67	9.40	8.21	7.05	54.9	0.12500
	5.98	4.99	4.12	3.39	2.72	2.16	1.70	1.384	13
7:	23.72	1	8.94	0.02	1.1		5	1979.3	47
		17.55	15.68	14.10	12.43	10.93	9.45	65.4	1.00000
	8.09	6.79	5.80	4.68	3.89	3.08	2.46	1.321	13
8:	12.23	4	12.45	1.14	2.7		5	3110.4	38
		23.99	22.40	21.23	17.82	15.60	13.03	94.3	4.00000
	12.44	9.82	9.43	6.42	5.95	3.53	3.56	5.502	11

*

1680N	1660N ON	1655N 1680N	1650N 13169N	1640N 1000	1630N 4	1620N 14:18:08	1600N	1580N	1560N
1:	79.54	-2	2.84	0.51	0.7		5	628.3	50
		6.95	6.13	5.39	4.14	3.75	3.16	30.2	0.03125
	3.01	1.69	1.33	0.57	1.34	1.14	1.22	5.556	7
2:	59.59	2	3.70	0.16	0.6		5	942.5	56
		7.39	6.23	5.56	5.14	4.48	3.80	27.9	0.50000
	3.11	2.96	2.48	2.46	1.72	1.14	0.78	12.193	13
3:	88.29	2	4.21	0.09	0.8		5	754.0	67
		9.06	7.87	6.96	5.96	5.21	4.51	32.7	0.50000
	3.90	3.04	2.52	2.05	1.90	1.47	1.30	4.816	13
4:	49.21	-5	5.42	0.05	2.5		5	1256.7	62
		11.37	9.91	8.79	7.65	6.69	5.78	41.7	0.50000
	4.91	4.01	3.32	2.77	2.38	1.92	1.59	2.358	13

D13_RAW.txt

5:	28.40	2	6.51	0.00	2.4		5	1885.0	54
		13.28	11.60	10.31	9.06	7.96	6.86	49.4	0.50000
	5.90	4.89	4.14	3.38	2.77	2.25	1.85	0.880	13
6:	23.95	-7	7.83	0.01	0.8		5	1508.0	36
		15.71	13.85	12.36	10.90	9.54	8.25	59.0	0.50000
	7.08	5.90	4.93	4.04	3.30	2.73	2.20	0.757	13
7:	16.94	1	9.98	0.11	1.1		5	2513.4	43
		19.16	17.03	15.33	13.78	12.15	10.56	72.2	1.00000
	8.81	7.66	6.56	5.42	4.20	3.47	2.65	2.587	13
8:	9.25	4	14.69	1.98	2.7		5	3770.2	35
		24.57	21.24	19.27	19.59	16.48	15.10	209.3	4096.00000
	11.43	13.39	11.91	9.38	3.07	5.16	3.86	9.411	9

*

	1690N	1680N ON	1675N 1690N	1670N 13189N	1660N 1000	1650N 4	1640N 14:21:20	1620N	1600N	1580N
1:	160.98	0	2.92	0.31	0.6		5	188.5	30	
		5.61	5.12	4.10	3.43	3.34	3.11	21.2	4.00000	
	2.31	2.31	1.99	1.29	1.15	1.13	0.96	7.520	9	
2:	97.85	-4	3.01	0.08	0.8		5	377.0	37	
		6.54	5.47	4.93	4.37	3.74	3.16	25.6	0.12500	
	2.79	2.23	1.86	1.61	1.30	1.00	0.79	2.465	13	
3:	132.94	5	3.52	0.02	1.0		5	377.0	50	
		7.39	6.33	5.57	4.87	4.29	3.71	28.0	0.25000	
	3.13	2.66	2.21	1.79	1.47	1.19	0.98	1.510	13	
4:	80.90	-2	4.33	0.05	2.4		5	754.0	61	
		8.98	7.81	6.85	5.97	5.28	4.58	33.0	0.50000	
	3.82	3.30	2.74	2.21	1.83	1.50	1.22	1.405	13	
5:	55.38	-0	5.31	0.04	2.2		5	1256.7	70	
		10.94	9.50	8.43	7.41	6.49	5.60	40.3	0.50000	
	4.75	4.01	3.34	2.74	2.24	1.81	1.47	0.877	13	
6:	51.02	-2	6.94	0.05	0.6		5	1099.6	56	
		14.02	12.35	10.91	9.60	8.47	7.35	52.5	0.50000	
	6.19	5.27	4.41	3.60	2.95	2.41	1.95	0.818	13	
7:	16.69	-3	8.90	0.04	0.7		5	1979.3	33	
		17.61	15.59	14.01	12.40	10.92	9.37	65.3	1.00000	
	8.00	6.64	5.62	4.72	3.91	3.13	2.52	0.830	13	
8:	12.36	1	10.42	0.94	2.3		5	3110.4	38	
		21.85	18.40	17.57	16.64	13.47	11.24	81.1	0.50000	
	10.50	7.58	6.32	5.56	4.83	3.18	2.29	5.508	11	

*

	1700N	1680N ON	1675N 1700N	1670N 13189N	1660N 1000	1650N 4	1640N 14:23:42	1620N	1600N	1580N
1:	73.73	1	2.52	0.36	0.7		5	628.3	46	
		8.00	5.27	4.24	2.68	3.77	3.68	38.5	512.00000	
	1.73	2.11	2.75	2.17	1.30	1.55	1.03	25.515	9	
2:	51.31	-4	3.94	0.09	0.8		5	942.5	48	
		7.86	7.03	6.30	5.75	4.72	3.95	31.9	0.12500	
	3.65	2.92	2.22	1.84	1.59	1.18	1.02	3.886	13	
3:	76.61	5	4.18	0.04	1.0		5	754.0	58	
		9.14	7.71	6.78	5.87	5.23	4.49	33.9	0.25000	
	3.71	3.17	2.74	2.21	1.78	1.47	1.17	2.120	13	

D13_RAW.txt

4:	50.42	-2	5.02	0.02	2.4		5	1256.7	63
		10.86	9.21	8.12	7.00	6.31	5.45	39.1	0.50000
	4.45	3.81	3.29	2.69	2.19	1.79	1.41	2.154	13
5:	35.92	-0	6.16	0.02	2.2		5	1885.0	68
		12.81	11.12	9.85	8.65	7.60	6.55	47.1	0.50000
	5.51	4.66	3.95	3.23	2.62	2.15	1.71	1.001	13
6:	34.41	-1	7.73	0.07	0.6		5	1508.0	52
		15.98	13.90	12.31	10.80	9.61	8.30	59.1	0.50000
	6.89	5.92	5.03	4.11	3.36	2.74	2.16	1.266	13
7:	11.84	-3	9.93	0.10	0.7		5	2513.4	30
		19.39	17.37	15.57	13.91	12.21	10.43	73.6	0.50000
	9.01	7.54	6.19	5.08	4.16	3.32	2.67	1.323	13
8:	9.20	1	13.54	0.58	2.4		5	3770.2	35
		21.35	22.24	21.04	21.00	15.65	12.22	95.8	0.25000
	13.60	10.09	6.65	5.35	5.85	3.53	3.52	13.784	13

*

	1710N	1680N ON	1675N 1710N	1670N 13189N	1660N 1000	1650N 4	1640N 14:26:26	1620N	1600N	1580N
1:	225.13	-10	3.51	0.26	1.3		5	1319.5	297	
		7.77	6.67	5.93	5.25	4.67	3.79	28.1	2.00000	
	3.17	2.85	2.34	1.86	1.69	1.34	1.32	6.592	13	
2:	109.80	8	3.82	0.15	1.1		5	1759.3	193	
		7.60	6.53	5.82	5.10	4.39	3.97	30.3	0.12500	
	3.45	2.77	2.29	1.98	1.46	1.23	0.80	6.348	13	
3:	130.48	3	3.61	0.10	1.0		5	1256.7	164	
		7.86	6.71	5.92	5.22	4.62	3.86	28.1	1.00000	
	3.25	2.82	2.37	1.91	1.63	1.30	1.17	3.594	13	
4:	66.88	-6	4.39	0.07	3.1		5	1885.0	126	
		9.49	8.18	7.23	6.36	5.53	4.66	35.8	0.25000	
	3.96	3.36	2.80	2.32	1.89	1.52	1.30	2.066	13	
5:	45.00	4	5.31	0.02	2.8		5	2639.0	119	
		11.20	9.68	8.56	7.50	6.54	5.61	42.1	0.25000	
	4.77	4.00	3.31	2.74	2.22	1.80	1.43	0.724	13	
6:	53.78	-3	6.62	0.07	0.6		5	1979.3	106	
		13.78	12.01	10.67	9.39	8.23	7.01	50.6	0.50000	
	5.93	5.04	4.19	3.43	2.80	2.26	1.91	1.373	13	
7:	22.64	2	8.91	0.01	0.7		5	3110.4	70	
		18.01	15.92	14.18	12.50	11.00	9.43	69.5	0.25000	
	7.96	6.72	5.61	4.58	3.72	3.01	2.39	0.930	13	
8:	8.22	-3	12.68	1.00	2.2		5	4493.0	37	
		22.44	19.83	17.63	15.42	13.80	12.88	83.3	2.00000	
	11.17	8.34	7.23	6.33	4.57	3.64	1.75	3.848	10	

*

	1720N	1700N ON	1695N 1720N	1690N 13209N	1680N 1090	1670N 4	1660N 14:29:35	1640N	1620N	1600N
1:	106.35	-10	4.13	0.04	1.3		5	628.3	61	
		8.24	6.95	6.68	6.18	5.36	4.41	34.0	0.12500	
	3.75	3.07	2.71	1.99	1.41	1.31	1.11	6.659	13	
2:	59.36	8	4.12	0.05	1.1		5	942.5	51	
		8.80	7.65	6.51	5.55	4.90	4.30	31.1	1.00000	
	3.70	3.15	2.53	2.21	1.96	1.47	1.16	4.208	13	

D13_RAW.txt

3:	77.42	3	4.28	0.04	1.0		5	754.0	54
		8.91	7.59	6.89	6.15	5.38	4.55	34.1	0.25000
	3.87	3.22	2.76	2.20	1.72	1.46	1.20	1.999	13
4:	42.89	-7	5.13	0.02	3.1		5	1256.7	49
		10.69	9.19	8.24	7.31	6.38	5.44	40.7	0.25000
	4.61	3.84	3.26	2.64	2.11	1.74	1.42	1.143	13
5:	30.25	4	6.02	0.02	2.8		5	1885.0	52
		12.56	10.91	9.65	8.47	7.39	6.35	47.7	0.25000
	5.41	4.54	3.76	3.10	2.54	2.06	1.65	0.841	13
6:	37.66	-2	7.51	0.02	0.6		5	1508.0	52
		15.19	13.31	12.01	10.63	9.33	7.94	56.8	0.50000
	6.79	5.65	4.77	3.91	3.14	2.57	2.08	0.805	13
7:	16.63	3	9.94	0.00	0.7		5	2513.4	38
		19.54	17.43	15.63	13.87	12.19	10.49	74.3	0.50000
	8.93	7.54	6.30	5.20	4.24	3.45	2.75	0.905	13
8:	6.35	-3	11.68	0.16	2.2		5	3770.2	22
		23.54	21.61	18.98	15.83	14.09	12.12	94.1	16.00000
	10.82	8.99	7.69	7.19	6.84	4.93	3.69	7.243	13

*

	1730N	1720N ON	1715N 1730N	1710N 13229N	1700N 1090	1690N 4	1680N 14:32:17	1660N	1640N	1620N
1:	327.78		1	5.07	0.12	0.8		5	188.5	57
		11.08		9.56	8.35	7.56	6.62	5.44	45.8	0.06250
	4.32	3.79		3.28	2.48	1.96	1.76	1.32	3.434	13
2:	169.31		-3	4.22	0.03	0.8		5	377.0	59
		8.94		7.68	6.82	5.89	5.11	4.44	33.5	0.25000
	3.88	3.16		2.59	2.19	1.81	1.39	1.13	1.709	13
3:	193.59		2	3.71	0.01	1.1		5	377.0	67
		7.58		6.52	5.80	5.18	4.59	3.92	27.8	1.00000
	3.29	2.84		2.41	1.95	1.60	1.33	1.05	1.462	13
4:	79.30		-4	4.41	0.01	2.7		5	754.0	55
		8.84		7.71	6.87	6.15	5.42	4.67	33.1	1.00000
	3.92	3.38		2.90	2.33	1.90	1.60	1.30	1.481	13
5:	41.25		0	4.76	0.01	2.5		5	1256.7	48
		9.65		8.35	7.42	6.57	5.79	5.01	35.4	1.00000
	4.27	3.62		3.05	2.52	2.06	1.68	1.36	1.055	13
6:	41.77		-1	6.17	0.02	0.7		5	1099.6	42
		12.40		10.95	9.76	8.74	7.68	6.58	47.1	0.50000
	5.38	4.71		4.08	3.20	2.54	2.21	1.77	2.324	13
7:	23.13		1	8.52	0.05	0.7		5	1979.3	42
		16.63		14.77	13.25	11.79	10.38	8.98	62.5	1.00000
	7.62	6.47		5.44	4.49	3.71	3.03	2.46	0.620	13
8:	10.87		1	10.99	0.61	2.2		5	3110.4	31
		21.22		18.80	17.06	14.00	12.00	11.17	78.1	1.00000
	11.10	8.22		6.19	5.95	5.34	3.37	2.90	8.273	12

*

	1740N	1720N ON	1715N 1740N	1710N 13229N	1700N 1090	1690N 4	1680N 14:35:01	1660N	1640N	1620N
1:	123.29		1	4.69	0.21	0.8		5	628.3	71
		11.72		9.72	8.31	7.04	6.75	5.14	46.5	0.06250
	4.70	4.29		3.33	2.60	1.76	1.88	1.02	8.030	12

D13_RAW.txt

2:	77.33	-3	4.90	0.07	0.8		5	942.5	67
		9.60	8.42	7.56	6.74	5.70	5.11	35.6	1.00000
	4.25	3.47	2.98	2.50	2.19	1.61	1.47	3.543	13
3:	99.03	1	4.41	0.03	1.1		5	754.0	69
		9.15	7.85	6.97	6.13	5.52	4.68	33.5	1.00000
	4.07	3.50	2.91	2.39	1.91	1.63	1.24	2.063	13
4:	45.05	-4	5.26	0.00	2.7		5	1256.7	52
		10.71	9.30	8.26	7.28	6.51	5.57	39.8	1.00000
	4.82	4.16	3.44	2.80	2.29	1.96	1.54	1.734	13
5:	24.88	1	5.84	0.03	2.5		5	1885.0	43
		11.64	10.20	9.10	8.06	7.12	6.14	43.5	1.00000
	5.28	4.47	3.77	3.13	2.57	2.09	1.69	0.918	13
6:	26.62	-1	7.10	0.01	0.7		5	1508.0	37
		14.71	12.84	11.39	9.96	8.97	7.56	54.9	0.50000
	6.57	5.69	4.66	3.75	3.01	2.64	1.94	2.547	13
7:	15.66	1	9.52	0.05	0.6		5	2513.4	36
		18.57	16.58	14.92	13.23	11.67	10.04	69.3	1.00000
	8.61	7.30	6.07	4.99	4.06	3.29	2.60	1.319	13
8:	7.79	1	13.97	0.97	2.2		5	3770.2	27
		21.97	21.07	19.86	17.92	14.34	14.24	108.2	64.00000
	11.39	8.52	7.92	6.58	6.81	4.16	4.90	9.284	12

*

1750N 1740N 1735N 1730N 1720N 1710N 1700N 1680N 1660N 1640N
 ON ON 1750N 13249N 1090 4 14:38:33|

1:	308.23	-1	4.41	0.01	0.7		5	188.5	53
		9.23	8.10	7.37	6.34	5.65	4.71	33.8	1.00000
	3.93	3.20	2.55	2.21	2.14	1.74	1.39	6.497	13
2:	205.59	0	4.62	0.00	0.7		5	377.0	71
		9.63	8.26	7.30	6.44	5.62	4.86	36.4	0.25000
	4.15	3.50	2.94	2.41	1.90	1.53	1.20	1.857	13
3:	261.00	1	5.57	0.01	1.0		5	377.0	90
		12.02	10.38	9.17	7.98	6.95	5.90	46.7	0.12500
	4.98	4.14	3.42	2.80	2.31	1.86	1.50	0.864	13
4:	108.79	-3	5.84	0.01	2.6		5	754.0	75
		12.22	10.62	9.43	8.26	7.23	6.18	46.5	0.25000
	5.23	4.37	3.62	3.01	2.51	2.03	1.62	1.324	13
5:	58.49	-1	5.41	0.01	2.7		5	1256.7	67
		10.82	9.43	8.44	7.47	6.58	5.70	40.3	1.00000
	4.88	4.13	3.47	2.88	2.38	1.94	1.57	0.950	13
6:	43.37	-2	6.52	0.02	1.0		5	1099.6	44
		12.88	11.39	10.25	9.04	7.99	6.90	48.1	2.00000
	5.87	4.90	4.09	3.40	2.93	2.39	1.99	2.026	13
7:	17.86	1	8.22	0.02	0.8		5	1979.3	32
		16.42	14.62	13.14	11.66	10.21	8.69	61.9	0.50000
	7.41	6.19	5.09	4.23	3.51	2.82	2.29	0.760	13
8:	11.15	-1	11.26	0.15	2.1		5	3110.4	32
		21.57	19.11	16.70	15.10	13.04	11.78	79.8	1.00000
	10.25	8.96	7.71	6.08	4.26	3.57	3.04	5.722	13

*

1760N 1740N 1735N 1730N 1720N 1710N 1700N 1680N 1660N 1640N
 ON ON 1760N 13249N 1242 4 14:41:15|

D13_RAW.txt

1:	131.97	-0	4.68	0.28	0.7		5	628.3	67
		9.32	7.83	7.02	6.57	5.50	4.88	35.5	0.25000
	4.37	3.32	3.02	1.96	1.71	1.67	1.24	7.432	12
2:	99.42	0	5.15	0.06	0.7		5	942.5	75
		10.96	9.50	8.40	7.26	6.38	5.43	41.1	0.25000
	4.56	3.89	3.17	2.74	2.20	1.73	1.41	1.540	13
3:	136.34	1	6.19	0.03	1.0		5	754.0	83
		13.27	11.43	10.09	8.85	7.69	6.55	51.6	0.12500
	5.55	4.60	3.83	3.10	2.52	2.07	1.64	0.747	13
4:	61.17	-3	6.48	0.08	2.7		5	1256.7	62
		13.43	11.65	10.36	9.15	7.93	6.83	51.0	0.25000
	5.84	4.85	4.10	3.28	2.70	2.20	1.75	0.848	13
5:	34.66	-1	6.16	0.02	2.7		5	1885.0	53
		12.27	10.75	9.60	8.50	7.49	6.48	45.8	1.00000
	5.56	4.69	3.96	3.29	2.70	2.21	1.80	0.987	13
6:	27.44	-2	7.46	0.12	0.9		5	1508.0	33
		14.39	12.74	11.45	10.31	8.99	7.86	54.2	2.00000
	6.79	5.69	4.88	3.85	3.23	2.67	2.15	1.382	13
7:	12.38	1	9.60	0.11	0.7		5	2513.4	25
		18.43	16.49	14.84	13.27	11.62	10.08	69.3	2.00000
	8.78	7.33	6.32	5.02	4.16	3.40	2.75	1.367	13
8:	8.36	-1	11.95	0.31	2.2		5	3770.2	25
		23.47	21.48	19.46	16.45	14.90	12.68	88.4	1.00000
	10.25	9.30	7.57	7.29	5.79	3.78	3.61	6.350	13

*

	1770N	1760N ON	1755N 1770N	1750N 13269N	1740N 983	1730N 4	1720N 14:44:53	1700N	1680N	1660N
1:	423.03	-2	5.44	0.00	0.8		5	188.5	81	
		11.61	10.23	9.07	8.04	6.76	5.73	43.8	0.25000	
	4.77	4.24	3.44	2.80	2.37	1.82	1.51	2.069	13	
2:	167.51	-0	5.98	0.01	0.8		5	377.0	64	
		12.38	10.71	9.49	8.32	7.34	6.31	46.7	0.25000	
	5.38	4.43	3.71	3.04	2.43	2.00	1.58	0.985	13	
3:	152.95	7	4.49	0.00	1.2		5	377.0	59	
		9.47	8.19	7.28	6.42	5.54	4.73	34.8	0.50000	
	4.03	3.45	2.87	2.37	1.96	1.58	1.28	1.343	13	
4:	74.31	-3	4.92	0.00	2.8		5	754.0	57	
		10.34	8.98	7.95	7.01	6.06	5.19	38.2	0.50000	
	4.38	3.79	3.14	2.60	2.17	1.75	1.43	1.680	13	
5:	47.92	0	6.40	0.01	3.2		5	1256.7	61	
		13.56	11.75	10.38	9.09	7.91	6.77	50.7	0.25000	
	5.73	4.80	3.99	3.29	2.68	2.17	1.74	0.769	13	
6:	36.90	-5	6.81	0.00	1.8		5	1099.6	41	
		13.74	12.16	10.87	9.65	8.33	7.15	51.0	1.00000	
	6.05	5.28	4.35	3.62	3.05	2.45	2.01	1.420	13	
7:	11.97	-0	8.31	0.00	1.2		5	1979.3	24	
		16.03	14.52	13.08	11.77	10.10	8.70	61.9	4.00000	
	7.39	6.57	5.49	4.52	3.86	3.08	2.58	1.774	13	
8:	6.03	-0	10.87	0.06	2.3		5	3110.4	19	
		19.61	17.43	15.56	13.72	13.03	11.57	74.8	1.00000	
	10.00	7.75	6.59	5.53	4.12	3.71	2.78	4.571	13	

D13_RAW.txt

*

	1780N	1760N ON	1755N 1780N	1750N 13269N	1740N 983	1730N 4	1720N 14:47:32	1700N	1680N	1660N
1:	150.29		-2	4.89	0.48	0.8		5	628.3	96
	4.13		9.62	8.45	7.89	6.85	5.93	5.14	37.7	0.25000
			3.80	2.75	2.47	2.13	1.69	1.27	3.707	10
2:	68.14		-1	5.52	0.13	0.8		5	942.5	65
	5.10		11.27	9.75	8.57	7.56	6.71	5.81	41.4	1.00000
			4.18	3.65	2.98	2.41	1.99	1.62	1.783	13
3:	69.73		7	4.38	0.08	1.1		5	754.0	53
	3.91		8.82	7.63	6.84	6.05	5.31	4.61	32.7	2.00000
			3.41	2.78	2.36	1.98	1.62	1.32	1.730	13
4:	37.46		-3	5.00	0.08	2.8		5	1256.7	48
	4.45		10.08	8.75	7.86	6.96	6.09	5.26	37.5	1.00000
			3.86	3.15	2.65	2.22	1.81	1.48	1.563	13
5:	25.69		0	6.69	0.02	3.3		5	1885.0	49
	6.02		13.75	11.99	10.65	9.37	8.21	7.06	51.1	0.50000
			5.07	4.24	3.52	2.91	2.37	1.91	1.146	13
6:	21.44		-5	7.37	0.13	1.7		5	1508.0	33
	6.55		14.27	12.68	11.48	10.22	8.96	7.77	54.2	1.00000
			5.72	4.61	3.88	3.21	2.63	2.11	1.068	13
7:	7.74		-1	9.45	0.13	1.2		5	2513.4	20
	8.24		17.04	15.59	14.29	12.82	11.41	9.93	69.7	8.00000
			7.28	5.99	5.08	4.32	3.57	2.89	1.567	13
8:	4.27		-0	11.52	0.18	2.3		5	3770.2	16
	10.47		20.99	19.09	17.10	15.38	13.79	12.00	81.2	2.00000
			8.92	7.58	6.25	4.89	3.97	3.18	2.674	13

*

	1790N	1780N ON	1775N 1790N	1770N 13289N	1760N 1214	1750N 4	1740N 14:50:21	1720N	1700N	1680N
1:	317.41		-3	3.37	0.13	0.7		5	188.5	49
	2.84		6.96	5.84	5.12	4.37	4.10	3.56	25.8	0.25000
			2.25	2.00	1.66	1.49	1.17	0.81	5.200	13
2:	184.49		1	4.97	0.05	0.8		5	377.0	57
	4.47		11.02	9.47	8.35	7.30	6.23	5.27	48.4	0.03125
			3.75	3.05	2.46	1.94	1.56	1.29	1.316	13
3:	262.46		3	5.55	0.02	1.2		5	377.0	82
	4.93		11.76	10.15	8.96	7.82	6.86	5.87	46.1	0.12500
			4.09	3.42	2.81	2.30	1.83	1.44	0.864	13
4:	134.83		-5	5.72	0.01	3.0		5	754.0	84
	5.14		11.42	9.90	8.84	7.82	6.95	6.01	42.3	2.00000
			4.35	3.68	3.07	2.56	2.10	1.71	1.373	13
5:	46.87		6	5.13	0.01	2.7		5	1256.7	49
	4.64		10.27	8.91	7.93	7.02	6.20	5.40	38.3	2.00000
			3.96	3.36	2.80	2.32	1.90	1.55	1.506	13
6:	45.89		-4	6.69	0.08	0.9		5	1099.6	42
	5.99		13.34	11.63	10.34	9.11	8.14	7.04	49.3	2.00000
			5.01	4.32	3.59	3.05	2.48	1.96	1.769	13
7:	17.16		-2	8.65	0.08	1.1		5	1979.3	28
	7.75		16.43	14.69	13.15	11.72	10.47	9.13	63.0	4.00000
			6.53	5.59	4.67	3.90	3.18	2.55	1.065	13

D13_RAW.txt

8:	6.81	-1	10.63	0.51	2.5		5	3110.4	17
	10.10	19.94	18.35	16.79	15.52	13.00	11.17	78.3	2.00000
		8.89	7.14	5.90	4.46	3.69	3.37	4.199	13
*									
1800N	1780N ON	1775N 1800N	1770N 13289N	1760N 998	1750N 4	1740N	1720N 14:53:28	1700N	1680N
1:	94.94	-3	4.02	0.00	0.6		5	628.3	60
		7.98	7.12	6.71	6.00	5.00	4.29	34.0	0.06250
	2.90	2.38	1.89	2.12	1.51	1.15	1.22	12.381	13
2:	64.30	2	5.25	0.00	0.7		5	942.5	61
		11.67	9.93	8.65	7.52	6.58	5.59	44.7	0.12500
	4.91	4.06	3.40	2.68	2.22	1.77	1.36	2.150	13
3:	101.31	2	6.01	0.00	1.2		5	754.0	77
		12.62	10.97	9.74	8.56	7.44	6.36	47.5	0.25000
	5.31	4.44	3.67	3.10	2.50	2.01	1.67	1.323	13
4:	56.64	-5	6.27	0.00	3.0		5	1256.7	71
		12.40	10.87	9.74	8.63	7.60	6.62	46.1	2.00000
	5.56	4.76	4.00	3.38	2.79	2.25	1.84	1.212	13
5:	21.08	6	5.85	0.01	2.7		5	1885.0	40
		11.60	10.11	9.04	7.98	7.05	6.14	43.9	4.00000
	5.30	4.51	3.84	3.22	2.69	2.22	1.84	1.800	13
6:	22.29	-3	7.72	0.00	0.9		5	1508.0	34
		15.05	13.34	12.07	10.78	9.45	8.16	56.3	2.00000
	6.77	5.70	4.85	4.17	3.42	2.74	2.31	1.868	13
7:	9.26	-2	10.11	0.12	1.1		5	2513.4	23
		18.42	16.82	15.45	13.76	12.05	10.56	73.1	4.00000
	8.86	7.61	6.50	5.65	4.53	3.74	3.11	1.640	13
8:	4.05	-1	11.69	0.04	2.5		5	3770.2	15
		20.91	19.10	16.89	15.23	13.96	12.40	84.1	4.00000
	11.51	9.75	8.11	5.91	5.51	4.30	3.22	5.722	13
*									
1810N	1800N ON	1795N 1810N	1790N 13309N	1780N 998	1770N 4	1760N	1740N 14:56:42	1720N	1700N
1:	207.79	-1	2.75	0.20	0.6		5	188.5	39
		5.54	4.68	4.22	3.57	3.13	2.70	20.2	0.50000
	2.63	1.95	1.61	1.35	1.11	0.70	0.62	4.159	11
2:	140.66	-2	3.44	0.06	0.8		5	377.0	53
		7.55	6.44	5.65	5.02	4.36	3.70	29.3	0.12500
	3.03	2.60	2.16	1.76	1.42	1.18	0.93	1.417	13
3:	156.50	4	3.77	0.02	0.9		5	377.0	59
		7.86	6.74	6.00	5.24	4.58	3.94	29.9	0.25000
	3.41	2.83	2.35	1.96	1.61	1.27	1.02	1.362	13
4:	90.24	-3	4.98	0.03	2.7		5	754.0	68
		10.61	9.14	8.06	7.03	6.15	5.24	41.7	0.12500
	4.52	3.73	3.11	2.56	2.09	1.64	1.30	1.316	13
5:	62.16	1	6.64	0.08	2.7		5	1256.7	78
		13.94	12.11	10.73	9.41	8.21	7.02	52.6	0.25000
	5.94	4.96	4.12	3.39	2.80	2.28	1.84	1.001	13
6:	50.39	2	6.95	0.04	0.9		5	1099.6	56
		13.55	11.88	10.68	9.42	8.32	7.26	50.7	2.00000
	6.33	5.30	4.46	3.74	3.09	2.47	2.04	1.006	13

D13_RAW.txt

7:	15.74	-1	8.68	0.07	0.9		5	1979.3	31
		16.73	14.90	13.48	11.89	10.49	9.14	63.2	2.00000
	7.90	6.62	5.55	4.67	3.88	3.11	2.56	0.608	13
8:	7.06	-2	10.79	0.78	2.4		5	3110.4	22
		21.69	19.49	17.36	16.01	14.08	12.08	81.1	2.00000
	9.23	8.55	7.22	5.83	4.68	4.51	3.50	4.902	12
*	1820N	1800N ON	1795N 1820N	1790N 13309N	1780N 998	1770N 4	1760N 1740N 14:59:05	1720N	1700N
1:	97.90	-1	3.62	0.76	0.6		5	628.3	62
		7.27	6.25	6.00	4.62	3.53	3.60		
	3.12	2.09	1.53	1.83	1.09	0.99	0.71		99
2:	74.66	-1	4.19	0.20	0.8		5	942.5	71
		8.90	7.66	6.68	6.04	5.40	4.49	32.8	0.50000
	3.79	3.30	2.80	2.14	1.85	1.46	1.19	2.237	13
3:	90.41	4	4.56	0.09	0.9		5	754.0	68
		9.38	8.11	7.25	6.30	5.46	4.78	35.7	0.25000
	4.07	3.37	2.78	2.37	1.89	1.54	1.21	1.305	13
4:	55.81	-3	5.86	0.04	2.7		5	1256.7	70
		12.17	10.56	9.42	8.15	7.05	6.14	48.1	0.12500
	5.19	4.28	3.50	2.96	2.34	1.97	1.53	1.415	13
5:	40.16	-0	7.53	0.02	2.7		5	1885.0	76
		15.54	13.58	12.06	10.58	9.24	7.94	59.3	0.25000
	6.77	5.72	4.80	3.92	3.12	2.53	2.08	1.208	13
6:	34.00	3	7.92	0.13	0.9		5	1508.0	51
		15.27	13.51	12.22	10.69	9.35	8.26	57.0	2.00000
	7.06	5.95	4.96	4.31	3.48	2.81	2.22	1.562	13
7:	11.48	-1	9.86	0.12	0.9		5	2513.4	29
		18.75	16.82	15.26	13.48	11.79	10.35	71.2	2.00000
	8.93	7.49	6.23	5.28	4.25	3.60	2.99	1.398	13
8:	5.52	-3	12.15	0.89	2.3		5	3770.2	21
		22.30	20.34	18.00	16.86	15.77	13.02	91.6	8.00000
	11.03	10.13	8.56	6.61	5.88	4.61	3.43	3.299	12
*	1830N	1820N ON	1815N 1830N	1810N 13329N	1800N 998	1790N 4	1780N 1760N 15:01:43	1740N	1720N
1:	200.39	-3	3.07	0.29	0.6		5	188.5	38
		7.01	5.91	5.27	4.67	3.89	3.28	26.8	0.12500
	2.75	2.22	2.00	1.74	1.22	1.28	0.70	4.105	10
2:	112.76	-2	3.56	0.11	0.5		5	377.0	43
		7.67	6.53	5.72	4.95	4.37	3.73	31.2	0.06250
	3.14	2.64	2.12	1.66	1.45	1.01	0.95	4.067	13
3:	130.11	4	3.64	0.01	0.8		5	377.0	49
		7.96	6.80	5.94	5.23	4.52	3.90	29.5	0.25000
	3.27	2.74	2.32	1.94	1.51	1.35	0.94	3.232	13
4:	97.93	-3	4.62	0.02	2.7		5	754.0	74
		9.74	8.42	7.48	6.58	5.70	4.88	38.7	0.12500
	4.14	3.47	2.90	2.37	1.88	1.57	1.20	1.443	13
5:	54.85	2	5.40	0.00	2.7		5	1256.7	69
		11.16	9.69	8.62	7.59	6.65	5.71	41.6	0.50000
	4.85	4.13	3.45	2.85	2.35	1.91	1.56	1.250	13

D13_RAW.txt

6:	61.30	-1	7.37	0.03	1.0		5	1099.6	68
		15.34	13.41	11.92	10.48	9.10	7.79	58.2	0.25000
	6.60	5.56	4.64	3.82	3.08	2.56	1.97	0.966	13
7:	23.05	3	8.90	0.03	1.0		5	1979.3	46
		17.30	15.36	13.76	12.26	10.81	9.36	65.1	2.00000
	8.07	6.84	5.76	4.79	3.96	3.29	2.64	0.657	13
8:	8.43	-3	11.84	0.40	2.3		5	3110.4	26
		21.17	19.01	17.41	15.37	13.80	12.27	81.0	2.00000
	10.32	8.97	7.30	5.73	5.24	3.42	3.61	6.214	13

*

	1840N	1820N ON	1815N 1840N	1810N 13329N	1800N 998	1790N 4	1780N 15:04:07	1760N	1740N	1720N
1:	80.45	-2	3.43	0.11	0.7		5	628.3	51	
		7.48	6.63	5.88	5.14	4.52	3.75	29.9	0.12500	
	3.09	2.69	2.24	1.72	1.49	1.14	0.97	2.246	13	
2:	51.56	-1	3.97	0.02	0.6		5	942.5	49	
		8.69	7.30	6.39	5.58	4.81	4.16	33.3	0.12500	
	3.57	2.92	2.44	2.04	1.64	1.35	1.08	2.015	13	
3:	66.11	4	4.12	0.03	0.8		5	754.0	50	
		8.83	7.62	6.72	5.89	5.15	4.38	33.3	0.25000	
	3.71	3.13	2.62	2.12	1.77	1.42	1.15	1.165	13	
4:	54.08	-3	5.22	0.01	2.7		5	1256.7	68	
		10.81	9.38	8.34	7.32	6.42	5.51	39.8	0.50000	
	4.67	3.94	3.28	2.70	2.22	1.80	1.45	0.889	13	
5:	31.66	2	6.01	0.02	2.7		5	1885.0	60	
		12.31	10.72	9.51	8.37	7.35	6.33	45.7	0.50000	
	5.40	4.55	3.80	3.15	2.59	2.09	1.67	0.775	13	
6:	37.27	-0	8.16	0.00	1.0		5	1508.0	56	
		16.62	14.65	13.03	11.44	10.04	8.62	61.7	0.50000	
	7.30	6.18	5.14	4.21	3.50	2.83	2.28	0.515	13	
7:	15.04	4	9.97	0.02	0.9		5	2513.4	38	
		18.86	16.95	15.29	13.43	12.05	10.47	72.6	4.00000	
	9.01	7.62	6.53	5.47	4.50	3.66	2.98	0.713	13	
8:	6.05	-3	12.42	0.17	2.3		5	3770.2	23	
		23.14	20.98	18.79	16.83	14.98	12.87	88.8	4.00000	
	11.37	9.43	7.96	6.75	5.42	4.54	3.69	1.051	13	

*

	1850N	1840N ON	1835N 1850N	1830N 13349N	1820N 998	1810N 4	1800N 15:06:45	1780N	1760N	1740N
1:	275.03	-2	4.13	0.05	0.5		5	188.5	52	
		8.99	7.69	6.77	5.97	5.20	4.39	39.7	0.03125	
	3.67	3.01	2.47	1.99	1.61	1.34	1.01	1.454	13	
2:	149.60	-0	4.49	0.02	0.6		5	377.0	57	
		9.67	8.33	7.38	6.41	5.58	4.75	39.9	0.06250	
	4.01	3.34	2.75	2.24	1.80	1.41	1.13	1.053	13	
3:	147.66	4	4.24	0.03	0.8		5	377.0	56	
		8.86	7.60	6.75	5.93	5.21	4.47	32.5	0.50000	
	3.82	3.19	2.67	2.19	1.81	1.49	1.18	1.222	13	
4:	65.38	-3	4.15	0.00	2.5		5	754.0	49	
		8.89	7.60	6.68	5.88	5.13	4.39	33.1	0.25000	
	3.72	3.12	2.60	2.14	1.74	1.42	1.11	1.231	13	

D13_RAW.txt

5:	36.22	1	4.78	0.02	2.4		5	1256.7	46
		9.97	8.58	7.60	6.69	5.85	5.04	36.0	1.00000
	4.30	3.64	3.05	2.54	2.10	1.72	1.41	1.790	13
6:	50.07	-0	6.13	0.01	0.8		5	1099.6	55
		12.47	10.88	9.68	8.56	7.50	6.47	46.5	0.50000
	5.52	4.65	3.89	3.20	2.62	2.13	1.69	0.685	13
7:	23.38	1	9.00	0.03	1.0		5	1979.3	46
		18.01	15.93	14.23	12.59	11.03	9.50	67.8	0.50000
	8.09	6.81	5.72	4.72	3.86	3.17	2.52	0.814	13
8:	10.18	3	10.93	0.07	2.2		5	3110.4	32
		20.76	18.72	16.86	15.02	13.13	11.52	79.1	2.00000
	9.90	8.39	7.17	6.00	4.97	3.99	3.13	1.359	13

* 1860N 1840N 1835N 1830N 1820N 1810N 1800N 1780N 1760N 1740N
 ON 1860N 13349N 998 4 15:09:16|

1:	108.24	-1	4.09	0.67	0.5		5	628.3	68
		8.97	7.49	7.27	5.76	4.85	4.05	32.8	4.00000
	3.62	2.68	3.46	2.52	1.08	1.43	1.11	10.950	8
2:	66.67	-0	5.04	0.20	0.6		5	942.5	63
		10.54	9.15	7.90	7.14	6.27	5.39	39.6	0.25000
	4.52	3.87	2.86	2.43	2.26	1.67	1.34	3.939	13
3:	72.72	3	4.55	0.13	0.8		5	754.0	55
		9.43	8.08	7.28	6.32	5.52	4.74	34.1	1.00000
	4.09	3.39	3.09	2.49	1.86	1.63	1.31	3.220	13
4:	35.61	-3	4.68	0.10	2.6		5	1256.7	45
		9.73	8.38	7.55	6.47	5.65	4.90	35.3	1.00000
	4.22	3.50	3.21	2.58	1.96	1.68	1.36	3.061	13
5:	20.97	1	5.33	0.01	2.5		5	1885.0	40
		11.05	9.56	8.47	7.45	6.52	5.62	40.9	0.50000
	4.78	4.05	3.40	2.81	2.31	1.88	1.53	1.292	13
6:	30.53	-0	6.89	0.09	0.8		5	1508.0	46
		13.68	12.04	10.80	9.47	8.35	7.22	51.3	1.00000
	6.25	5.25	4.63	3.77	2.93	2.50	1.99	2.003	13
7:	15.31	1	9.83	0.00	1.0		5	2513.4	39
		19.25	17.14	15.40	13.60	11.91	10.35	73.3	0.50000
	8.97	7.56	6.41	5.15	4.05	3.35	2.67	1.912	13
8:	7.18	3	12.49	0.50	2.2		5	3770.2	27
		22.71	20.77	18.42	16.91	15.17	13.17	88.9	4.00000
	11.42	9.81	7.58	6.34	5.85	4.61	3.65	3.122	13

* 1870N 1860N 1855N 1850N 1840N 1830N 1820N 1800N 1780N 1760N
 ON 1870N 13369N 998 4 15:11:53|

1:	259.18	-5	4.36	0.87	0.7		5	188.5	49
		8.92	7.63	6.72	6.13	5.20	4.49	33.6	0.25000
	3.37	2.93	2.34	2.26	1.67	0.93	0.55	1.621	6
2:	145.61	-0	4.57	0.27	0.7		5	377.0	55
		9.88	8.52	7.56	6.54	5.76	4.88	35.8	0.50000
	4.26	3.51	2.94	2.27	1.90	1.66	1.37	3.301	13
3:	176.47	4	4.90	0.14	0.8		5	377.0	67
		10.30	8.90	7.85	6.91	6.01	5.17	43.0	0.06250
	4.27	3.57	2.96	2.51	2.00	1.54	1.19	2.213	13

D13_RAW.txt

4:	89.34	-2	5.46	0.17	2.6		5	754.0	67
		11.21	9.73	8.63	7.64	6.68	5.74	42.7	0.25000
	4.83	4.07	3.39	2.84	2.29	1.80	1.43	1.242	13
5:	40.51	3	5.34	0.01	2.8		5	1256.7	51
		10.85	9.42	8.39	7.41	6.53	5.63	39.9	1.00000
	4.82	4.08	3.43	2.85	2.35	1.91	1.51	1.052	13
6:	34.12	-1	6.05	0.43	0.9		5	1099.6	38
		11.99	10.46	9.29	8.32	7.28	6.30	44.5	1.00000
	5.27	4.53	3.83	3.28	2.65	2.04	1.64	1.690	11
7:	19.85	-2	8.11	0.01	0.8		5	1979.3	39
		15.48	13.74	12.24	10.94	9.69	8.51	58.0	1.00000
	7.16	6.01	5.01	4.28	3.47	2.72	2.14	1.905	13
8:	10.66	1	11.24	0.12	2.4		5	3110.4	33
		21.71	19.59	17.61	15.46	13.63	11.83	82.1	2.00000
	10.28	8.78	7.52	5.96	5.04	4.25	3.37	1.458	13

*

	1880N	1860N ON	1855N 1880N	1850N 13369N	1840N 998	1830N 4	1820N 15:14:32	1800N	1780N	1760N
1:	113.74	-5	4.65	0.12	0.7		5	628.3	72	
		10.35	8.94	8.09	7.01	6.60	5.17	38.3	1.00000	
	4.63	3.40	3.92	2.92	1.96	1.65	1.70	9.662	13	
2:	71.64	-1	5.43	0.06	0.7		5	942.5	68	
		11.06	9.57	8.55	7.56	6.48	5.66	44.1	0.12500	
	4.74	4.15	3.11	2.64	2.28	1.81	1.33	3.176	13	
3:	94.72	4	5.52	0.00	0.8		5	754.0	72	
		11.65	10.08	8.97	7.87	6.94	5.87	43.0	0.50000	
	5.04	4.20	3.66	2.98	2.37	1.92	1.60	1.611	13	
4:	51.89	-2	6.07	0.01	2.7		5	1256.7	65	
		12.49	10.86	9.68	8.56	7.52	6.45	46.7	0.50000	
	5.52	4.55	3.95	3.23	2.59	2.15	1.78	1.634	13	
5:	24.79	3	6.24	0.03	2.8		5	1885.0	47	
		12.37	10.83	9.66	8.55	7.56	6.55	46.8	4.00000	
	5.65	4.82	4.08	3.43	2.86	2.37	1.94	1.627	13	
6:	22.10	-1	6.62	0.06	0.8		5	1508.0	33	
		13.29	11.64	10.47	9.28	8.26	7.03	49.6	2.00000	
	6.08	4.99	4.51	3.65	2.92	2.39	2.06	2.152	13	
7:	13.67	-1	8.85	0.01	0.8		5	2513.4	34	
		17.12	15.25	13.81	12.34	11.00	9.32	66.0	4.00000	
	8.08	6.92	5.96	4.93	4.05	3.29	2.78	1.164	13	
8:	7.82	1	12.15	0.24	2.4		5	3770.2	30	
		22.84	20.69	18.71	16.73	14.81	12.83	87.2	1.00000	
	10.94	9.24	7.83	6.42	5.21	4.24	3.32	1.627	13	

*

	1890N	1880N 1890N	1875N 1880N	1870N 13389N	1860N 998	1850N 4	1840N 15:17:15	1820N	1800N	1780N
1:	297.95	-3	4.48	0.03	0.6		5	0.0	9999999	
		9.50	8.27	7.37	6.49	5.56	4.74	36.2	0.25000	
	4.06	3.47	2.91	2.36	1.87	1.50	1.28	1.777	13	
2:	151.70	1	4.70	0.02	0.5		5	0.0	9999999	
		9.62	8.30	7.39	6.50	5.77	4.97	36.9	0.25000	
	4.19	3.48	2.89	2.40	1.99	1.60	1.23	1.454	13	

D13_RAW.txt

3:	182.94	3	4.75	0.02	0.7		5	0.0	9999999
		10.10	8.70	7.70	6.76	5.86	5.02	38.1	0.25000
	4.27	3.63	3.02	2.49	2.01	1.63	1.34	1.288	13
4:	99.76	-6	5.85	0.01	2.5		5	0.0	9999999
		12.10	10.53	9.34	8.22	7.17	6.16	44.8	0.50000
	5.26	4.44	3.72	3.06	2.51	2.04	1.67	0.999	13
5:	54.94	4	6.30	0.01	2.4		5	0.0	9999999
		13.09	11.37	10.08	8.85	7.75	6.66	49.8	0.25000
	5.64	4.74	3.94	3.26	2.66	2.16	1.73	0.916	13
6:	47.24	-0	6.92	0.03	0.5		5	0.0	9999999
		13.90	12.20	10.84	9.53	8.41	7.25	51.2	2.00000
	6.26	5.27	4.44	3.71	3.10	2.54	2.09	1.607	13
7:	14.74	1	7.61	0.00	0.6			598900240.0	1460394
		14.99	13.28	11.87	10.51	9.26	7.96	56.2	2.00000
	6.91	5.85	4.93	4.13	3.45	2.81	2.32	1.225	13
8:	9.65	-1	9.95	0.10	2.2			551177328.0	494805
		18.99	17.03	15.28	13.81	12.08	10.48	72.1	2.00000
	9.07	7.62	6.32	5.43	4.53	3.73	2.77	2.147	13

*

	1900N	1880N 1890N	1875N 1900N	1870N 13389N	1860N 998	1850N 4	1840N 15:19:41	1820N	1800N	1780N
1:	113.91	-2	5.58	0.14	0.6		5	0.0	9999999	
		11.92	10.80	10.16	8.57	7.35	6.01	47.1	0.25000	
	5.19	4.53	3.90	3.08	2.59	1.96	1.55	3.288	13	
2:	66.12	1	5.59	0.09	0.5		5	0.0	9999999	
		11.07	9.43	8.11	7.36	6.56	5.84	40.0	1.00000	
	4.94	4.07	3.35	2.83	2.28	1.92	1.56	2.355	13	
3:	88.13	3	5.77	0.05	0.7		5	0.0	9999999	
		12.10	10.63	9.61	8.33	7.24	6.11	45.2	0.50000	
	5.24	4.48	3.80	3.10	2.59	2.07	1.66	1.371	13	
4:	52.39	-6	6.86	0.02	2.5		5	0.0	9999999	
		13.98	12.28	11.00	9.67	8.45	7.24	52.5	0.50000	
	6.21	5.24	4.40	3.63	2.98	2.40	1.96	0.844	13	
5:	30.44	4	7.26	0.04	2.4		5	0.0	9999999	
		14.84	12.98	11.53	10.16	8.91	7.66	54.2	1.00000	
	6.54	5.52	4.65	3.87	3.22	2.62	2.11	1.199	13	
6:	27.72	-0	7.94	0.02	0.5			599648856.0	2767797	
		15.87	14.10	12.71	11.14	9.87	8.42	59.6	1.00000	
	7.24	6.23	5.22	4.27	3.58	2.83	2.37	1.145	13	
7:	9.39	0	8.71	0.02	0.6			551376072.0	483274	
		16.90	15.27	13.81	12.19	10.68	9.22	64.9	4.00000	
	7.93	6.79	5.76	4.74	3.97	3.28	2.71	1.310	13	
8:	6.58	-0	10.92	0.33	2.1			534661244.0	228656	
		20.00	18.25	16.47	14.73	13.22	11.46	77.3	2.00000	
	9.86	8.22	6.91	5.76	4.77	3.80	3.10	1.280	13	

*

	1910N	1900N ON	1895N 1910N	1890N 13409N	1880N 998	1870N 4	1860N 15:22:46	1840N	1820N	1800N
1:	415.24	-2	5.90	0.07	0.5		5	188.5	78	
		11.95	10.45	9.30	8.20	7.20	6.24	44.3	0.50000	
	5.21	4.42	3.65	3.03	2.46	1.99	1.59	0.926	13	

D13_RAW.txt

2:	214.04	0	5.36	0.03	0.5		5	377.0	81
		10.99	9.55	8.50	7.50	6.59	5.65	40.8	0.50000
	4.85	4.06	3.41	2.79	2.28	1.84	1.48	0.738	13
3:	175.89	3	4.96	0.06	0.7		5	377.0	66
		10.06	8.72	7.75	6.85	6.04	5.23	37.0	1.00000
	4.43	3.77	3.16	2.63	2.17	1.78	1.44	1.214	13
4:	81.10	-3	5.65	0.02	2.3		5	754.0	61
		11.37	9.90	8.82	7.78	6.85	5.95	42.0	1.00000
	5.06	4.29	3.60	3.00	2.46	2.03	1.64	1.087	13
5:	43.94	2	5.91	0.03	2.2		5	1256.7	55
		12.13	10.51	9.33	8.22	7.22	6.23	44.4	1.00000
	5.32	4.51	3.80	3.16	2.62	2.16	1.77	1.678	13
6:	44.45	-2	7.19	0.08	0.6		5	1099.6	49
		14.50	12.69	11.30	9.94	8.74	7.57	53.2	1.00000
	6.43	5.42	4.55	3.79	3.13	2.56	2.09	1.074	13
7:	16.27	2	8.30	0.07	0.7		5	1979.3	32
		16.01	14.21	12.76	11.32	10.01	8.70	61.0	4.00000
	7.54	6.41	5.37	4.46	3.70	3.11	2.53	1.150	13
8:	6.05	1	9.25	0.02	2.1		5	3110.4	19
		18.01	16.15	14.61	12.83	11.22	9.71	67.4	1.00000
	8.28	7.00	5.96	4.93	3.97	3.25	2.51	1.498	13

*

	1920N	1900N ON	1895N 1920N	1890N 13409N	1880N 998	1870N 4	1860N 15:25:05	1840N	1820N	1800N
1:	141.56	-1	5.48	0.07	0.5		5	628.3	89	
		10.93	9.38	8.56	7.57	6.67	5.83	40.8	1.00000	
	5.00	4.19	3.45	2.90	2.27	2.06	1.61	2.527	13	
2:	84.53	-0	5.08	0.02	0.5		5	942.5	80	
		10.51	9.16	8.06	7.09	6.21	5.33	39.0	0.50000	
	4.55	3.85	3.25	2.68	2.24	1.76	1.45	1.456	13	
3:	77.55	2	4.86	0.02	0.7		5	754.0	59	
		9.82	8.46	7.58	6.70	5.90	5.13	36.2	2.00000	
	4.40	3.72	3.13	2.61	2.14	1.81	1.46	1.636	13	
4:	39.60	-3	5.62	0.03	2.3		5	1256.7	50	
		11.34	9.85	8.82	7.77	6.84	5.93	41.8	2.00000	
	5.08	4.31	3.64	3.03	2.49	2.08	1.68	1.456	13	
5:	22.98	2	5.96	0.01	2.2		5	1885.0	43	
		12.24	10.62	9.45	8.29	7.28	6.29	44.5	2.00000	
	5.39	4.57	3.84	3.20	2.66	2.22	1.81	2.073	13	
6:	25.01	-2	7.42	0.02	0.6		5	1508.0	38	
		14.87	13.08	11.69	10.32	9.07	7.84	55.2	1.00000	
	6.71	5.69	4.77	3.93	3.24	2.70	2.18	0.986	13	
7:	10.08	2	8.61	0.06	0.7		5	2513.4	25	
		16.45	14.88	13.44	11.97	10.59	9.08	64.3	4.00000	
	7.77	6.75	5.72	4.70	3.95	3.32	2.75	1.509	13	
8:	4.13	1	9.59	0.14	2.1		5	3770.2	16	
		18.08	16.43	14.81	13.21	11.76	10.16	69.3	1.00000	
	8.55	7.34	6.06	5.18	4.16	3.29	2.54	2.390	13	

*

	1930N	1920N ON	1915N 1930N	1910N 13429N	1900N 998	1890N 4	1880N 15:27:43	1860N	1840N	1820N
--	-------	-------------	----------------	-----------------	--------------	------------	-------------------	-------	-------	-------

D13_RAW.txt

1:	401.59	-3	5.86	0.06	0.6		5	188.5	76
		11.86	10.35	9.09	8.15	7.24	6.20	44.0	1.00000
	5.10	4.43	3.97	3.22	2.64	2.18	1.64	2.908	13
2:	237.44	-1	6.51	0.02	0.7		5	377.0	90
		12.88	11.33	10.16	9.00	7.91	6.85	48.8	0.50000
	5.91	4.96	4.08	3.39	2.74	2.19	1.77	1.145	13
3:	244.51	2	6.67	0.01	0.9		5	377.0	92
		13.27	11.61	10.37	9.22	8.13	7.03	49.5	1.00000
	5.98	5.09	4.31	3.57	2.92	2.39	1.91	0.876	13
4:	106.03	-3	5.50	0.02	2.5		5	754.0	80
		11.18	9.71	8.62	7.62	6.70	5.80	41.3	1.00000
	4.92	4.21	3.57	2.98	2.45	1.99	1.61	1.469	13
5:	39.98	1	5.21	0.00	2.3		5	1256.7	50
		10.51	9.11	8.10	7.18	6.32	5.48	39.4	4.00000
	4.69	4.02	3.43	2.86	2.39	1.99	1.63	2.157	13
6:	34.99	-1	6.03	0.01	0.6		5	1099.6	39
		12.30	10.71	9.45	8.37	7.32	6.36	45.3	1.00000
	5.29	4.60	3.93	3.29	2.70	2.25	1.76	2.159	13
7:	15.43	0	8.00	0.08	0.8		5	1979.3	31
		15.86	14.04	12.58	11.10	9.75	8.44	59.3	1.00000
	7.19	6.13	5.17	4.28	3.52	2.86	2.35	0.912	13
8:	6.84	0	9.38	0.38	2.2		5	3110.4	21
		18.02	16.28	14.72	12.99	11.39	9.86	68.4	2.00000
	8.45	7.11	5.98	4.97	4.17	3.47	2.89	1.586	13

*

	1940N	1920N ON	1915N 1940N	1910N 13429N	1900N 998	1890N 4	1880N 15:30:06	1860N	1840N	1820N
1:	126.32	-2	5.01	0.16	0.6		5	628.3	80	
		10.52	10.78	9.45	8.54	6.79	5.70	56.2	0.01563	
	4.73	4.00	3.21	2.59	2.06	1.17	1.57	12.510	13	
2:	87.64	-1	6.41	0.03	0.7		5	942.5	83	
		12.83	10.89	9.74	8.58	7.68	6.66	46.7	2.00000	
	5.73	4.84	4.09	3.41	2.81	2.39	1.81	2.170	13	
3:	101.64	1	6.42	0.02	0.9		5	754.0	77	
		13.00	11.54	10.26	9.09	7.91	6.82	48.0	1.00000	
	5.82	4.93	4.12	3.41	2.81	2.22	1.87	1.257	13	
4:	48.54	-3	5.26	0.07	2.5		5	1256.7	61	
		10.93	9.62	8.56	7.51	6.55	5.59	40.3	1.00000	
	4.83	4.08	3.43	2.86	2.35	1.88	1.62	1.820	13	
5:	19.84	1	5.19	0.04	2.3		5	1885.0	37	
		10.74	9.33	8.30	7.34	6.41	5.48	39.2	2.00000	
	4.72	3.99	3.37	2.82	2.32	1.91	1.64	2.481	13	
6:	19.03	-1	6.17	0.15	0.6		5	1508.0	29	
		12.63	11.49	10.26	8.90	7.73	6.61	48.3	0.50000	
	5.71	4.77	3.98	3.35	2.76	2.14	1.86	1.882	13	
7:	9.45	0	8.63	0.01	0.8		5	2513.4	24	
		16.86	15.16	13.58	12.07	10.61	9.13	63.5	2.00000	
	7.72	6.54	5.60	4.66	3.82	3.15	2.65	1.401	13	
8:	4.66	0	10.18	0.10	2.2		5	3770.2	18	
		18.44	16.89	15.49	13.93	12.15	10.65	71.9	2.00000	
	9.11	7.71	6.44	5.31	4.45	3.49	2.80	1.969	13	

D13_RAW.txt

*	1950N	1940N ON	1935N 1950N	1930N 13449N	1920N 998	1910N 4	1900N 15:33:12	1880N	1860N	1840N
1:	363.52		-3 12.18	6.10 10.80	0.13 9.83	0.6 8.95	7.57 1.98	5 6.46	188.5 48.0	69 0.25000
	5.48		4.47	3.99	3.11	2.62		1.61	2.598	13
2:	190.11		-3 11.15	5.22 9.54	0.13 8.35	0.6 7.38	6.53 1.86	5 5.47	377.0 40.5	72 0.50000
	4.73		4.14	3.34	2.81	2.26		1.47	1.854	13
3:	186.33		8 9.79	4.60 8.41	0.02 7.39	0.9 6.48	5.58 1.53	5 4.87	377.0 36.4	70 0.25000
	4.04		3.42	2.91	2.35	1.94		1.25	1.427	13
4:	86.41		-7 10.25	4.84 8.79	0.05 7.73	2.7 6.75	5.86 1.69	5 5.11	754.0 37.2	65 0.50000
	4.30		3.63	3.10	2.52	2.12		1.37	1.838	13
5:	47.01		0 12.05	5.76 10.40	0.00 9.21	2.5 8.09	7.08 2.08	5 6.08	1256.7 43.4	59 1.00000
	5.18		4.37	3.70	3.07	2.54		1.70	1.798	13
6:	35.14		-0 10.15	4.84 8.68	0.18 7.63	0.6 6.59	5.67 1.68	5 5.10	1099.6 36.1	39 1.00000
	4.22		3.61	3.20	2.53	2.18		1.40	3.134	13
7:	11.39		0 13.08	6.67 11.88	0.31 10.74	0.6 9.39	8.00 2.27	5 7.11	1979.3 50.2	23 0.50000
	5.93		4.85	4.13	3.36	2.83		1.98	2.607	13
8:	6.36		-2 18.36	9.32 16.59	0.00 14.78	2.0 13.12	11.42 3.30	5 9.83	3110.4 68.5	20 1.00000
	8.31		6.95	5.99	4.97	3.95		2.74	1.374	13

*	1960N	1940N ON	1935N 1960N	1930N 13449N	1920N 998	1910N 4	1900N 15:35:51	1880N	1860N	1840N
1:	125.18		-3 10.22	5.17 8.90	0.02 7.99	0.6 7.52	6.61 1.91	5 5.50	628.3 38.6	79 1.00000
	4.70		3.93	3.12	2.95	2.09		1.45	4.142	13
2:	75.96		-3 9.46	4.49 8.14	0.02 7.20	0.6 6.20	5.44 1.51	5 4.73	942.5 34.4	72 0.50000
	4.03		3.41	2.90	2.28	1.95		1.27	2.090	13
3:	83.49		7 8.87	4.11 7.56	0.03 6.63	0.9 5.89	5.13 1.45	5 4.35	754.0 33.1	63 0.25000
	3.69		3.09	2.54	2.18	1.72		1.14	1.825	13
4:	43.54		-6 9.91	4.67 8.50	0.01 7.47	2.7 6.60	5.77 1.70	5 4.94	1256.7 36.3	55 0.50000
	4.21		3.54	2.95	2.48	2.04		1.39	2.332	13
5:	25.91		0 12.06	5.81 10.45	0.01 9.27	2.5 8.14	7.12 2.09	5 6.12	1885.0 43.7	49 1.00000
	5.23		4.42	3.72	3.09	2.55		1.71	1.596	13
6:	21.09		-0 10.98	5.31 9.52	0.01 8.40	0.6 7.47	6.55 1.98	5 5.61	1508.0 40.1	32 1.00000
	4.76		4.02	3.32	2.84	2.35		1.63	2.616	13
7:	7.74		0 14.15	7.06 12.61	0.05 11.21	0.6 10.01	8.73 2.57	5 7.49	2513.4 52.9	19 1.00000
	6.33		5.39	4.48	3.74	3.15		2.10	1.403	13

D13_RAW.txt

8:	4.74	-3	9.97	0.06	2.0		5	3770.2	18
	8.99	18.75	17.32	15.64	13.73	12.05	10.52	73.4	0.50000
		7.52	6.34	4.84	4.27	3.38	2.68	2.422	13

*
 1970N 1960N 1955N 1950N 1940N 1930N 1920N 1900N 1880N 1860N
 ON ON 1970N 13469N 998 4 15:39:28|

1:	316.80	-2	5.32	0.00	0.8		5	188.5	60
	4.64	11.03	9.54	8.55	7.35	6.26	5.49	41.3	0.25000
		3.89	3.10	2.69	2.23	1.76	1.44	2.034	13

2:	153.39	-4	4.93	0.00	0.7		5	377.0	58
	4.42	10.83	9.29	8.11	7.15	6.27	5.28	44.2	0.06250
		3.67	3.09	2.45	1.96	1.58	1.25	1.255	13

3:	175.33	5	4.47	0.00	0.9		5	377.0	66
	4.00	8.90	7.68	6.88	6.07	5.32	4.66	33.1	1.00000
		3.39	2.81	2.38	1.97	1.58	1.29	1.453	13

4:	89.05	-8	4.63	0.00	2.5		5	754.0	67
	4.17	9.17	7.94	7.12	6.29	5.52	4.84	34.3	2.00000
		3.55	2.97	2.51	2.09	1.70	1.39	1.488	13

5:	41.33	6	4.06	0.00	2.5		5	1256.7	52
	3.66	8.54	7.31	6.46	5.67	4.95	4.26	30.9	1.00000
		3.09	2.62	2.17	1.82	1.50	1.23	2.373	13

6:	38.38	-6	5.51	0.00	0.7		5	1099.6	42
	4.93	11.11	9.63	8.61	7.55	6.57	5.75	40.9	2.00000
		4.17	3.51	3.00	2.51	2.03	1.71	2.351	13

7:	13.20	1	5.97	0.00	0.6		5	1979.3	26
	5.40	11.82	10.38	9.36	8.26	7.15	6.24	44.6	4.00000
		4.47	3.83	3.25	2.74	2.21	1.87	2.363	13

8:	5.45	-0	8.06	0.04	2.0		5	3110.4	17
	7.30	15.69	14.29	13.02	11.52	10.07	8.52	59.6	1.00000
		6.05	5.17	4.26	3.50	2.75	2.32	1.661	13

*
 1980N 1960N 1955N 1950N 1940N 1930N 1920N 1900N 1880N 1860N
 ON ON 1980N 13469N 998 4 15:42:09|

1:	106.23	-2	4.61	1.51	0.8		5	628.3	67
	4.85	9.06	7.37	5.66	5.40	4.60	4.77		
		3.07	1.98	1.81	1.56	1.18	0.42		99

2:	61.19	-4	4.42	0.67	0.7		5	942.5	58
	3.69	9.50	8.31	7.77	6.63	5.87	4.71	38.0	0.12500
		3.54	3.20	2.57	2.11	1.73	1.64	4.513	8

3:	80.89	5	4.50	0.40	0.8		5	754.0	61
	4.25	8.69	7.45	6.46	5.87	5.16	4.71	32.2	2.00000
		3.37	2.70	2.32	1.93	1.54	1.11	3.632	10

4:	45.84	-8	4.83	0.22	2.6		5	1256.7	58
	4.48	9.52	8.13	7.28	6.46	5.67	5.06	35.4	2.00000
		3.69	3.08	2.56	2.15	1.80	1.38	2.147	13

5:	22.90	6	4.46	0.07	2.4		5	1885.0	43
	4.06	9.24	7.95	7.02	6.17	5.42	4.70	33.8	2.00000
		3.45	2.88	2.45	2.04	1.70	1.38	2.412	13

6:	23.29	-6	6.18	0.36	0.7		5	1508.0	35
	5.74	12.32	10.70	9.41	8.39	7.25	6.48	45.3	1.00000
		4.62	3.83	3.23	2.65	2.21	1.67	2.046	12

D13_RAW.txt

7:	8.94	1	6.89	0.31	0.6		5	2513.4	23	
	13.24		11.82	10.52	9.42	8.30	7.23	50.6	1.00000	
	6.39	5.33	4.17	3.77	3.05	2.46	1.88	2.619	13	
8:	4.09	-0	9.34	0.15	2.1		5	3770.2	15	
	17.14		15.95	14.61	12.98	11.33	9.84	68.2	4.00000	
	8.42	7.08	6.06	5.01	4.05	3.44	2.94	2.070	13	
*	1990N	1980N	1975N	1970N	1960N	1950N	1940N	1920N	1900N	1880N
		ON	1990N	13489N	998	4	15:44:45			
1:	312.54	-4	4.14	0.04	0.7		5	188.5	59	
		9.08	7.85	7.02	5.98	5.07	4.38	35.1	0.12500	
	3.79	3.25	2.64	2.02	1.69	1.34	1.13	2.534	13	
2:	166.07	-0	4.14	0.01	0.8		5	377.0	63	
		9.01	7.68	6.70	5.91	5.17	4.38	36.8	0.06250	
	3.65	2.99	2.48	2.11	1.66	1.34	1.03	1.509	13	
3:	173.00	5	4.19	0.00	0.8		5	377.0	65	
		9.00	7.73	6.84	5.95	5.16	4.42	33.8	0.25000	
	3.80	3.20	2.67	2.14	1.77	1.44	1.20	1.776	13	
4:	76.43	-7	4.22	0.05	2.8		5	754.0	58	
		8.77	7.56	6.74	5.85	5.09	4.43	32.5	0.50000	
	3.80	3.26	2.69	2.20	1.83	1.50	1.22	1.705	13	
5:	42.15	4	4.71	0.01	2.8		5	1256.7	53	
		9.18	7.98	7.18	6.38	5.64	4.94	36.4	8.00000	
	4.28	3.68	3.13	2.62	2.20	1.84	1.54	1.960	13	
6:	39.36	-3	5.07	0.10	0.8		5	1099.6	43	
		10.13	8.85	7.96	6.95	6.06	5.32	37.7	2.00000	
	4.60	3.97	3.31	2.70	2.24	1.86	1.52	1.513	13	
7:	15.02	-2	6.95	0.07	0.9		5	1979.3	30	
		13.61	12.08	10.86	9.61	8.40	7.31	51.9	4.00000	
	6.27	5.34	4.52	3.73	3.15	2.64	2.20	2.001	13	
8:	6.40	-1	8.07	0.05	2.2		5	3110.4	20	
		14.60	12.82	11.26	10.67	9.92	8.47	55.0	2.00000	
	6.56	5.03	4.50	4.49	3.44	3.04	1.91	8.425	13	
*	2000N	1980N	1975N	1970N	1960N	1950N	1940N	1920N	1900N	1880N
		ON	2000N	13489N	998	4	15:47:48			
1:	109.78	-4	4.30	0.00	0.7		5	628.3	69	
		9.41	7.98	6.92	6.30	5.34	4.47	36.2	0.12500	
	3.71	3.10	2.65	2.30	1.78	1.57	1.06	4.228	13	
2:	68.26	-0	4.50	0.01	0.8		5	942.5	64	
		9.75	8.40	7.42	6.32	5.53	4.77	37.6	0.12500	
	4.05	3.38	2.78	2.20	1.85	1.42	1.23	2.121	13	
3:	80.03	5	4.63	0.00	0.8		5	754.0	60	
		10.05	8.56	7.53	6.65	5.78	4.89	37.3	0.25000	
	4.11	3.44	2.89	2.45	1.97	1.64	1.27	1.924	13	
4:	39.81	-7	4.80	0.08	2.8		5	1256.7	50	
		10.06	8.61	7.61	6.71	5.84	5.06	36.9	0.50000	
	4.30	3.63	3.05	2.55	2.07	1.71	1.34	1.562	13	
5:	23.86	4	5.50	0.07	2.8		5	1885.0	45	
		10.75	9.37	8.37	7.43	6.56	5.77	40.9	4.00000	
	4.99	4.27	3.60	3.02	2.49	2.03	1.64	1.383	13	

D13_RAW.txt

6:	23.98	-2	5.95	0.08	0.7		5	1508.0	36
		11.87	10.40	9.32	8.27	7.26	6.24	44.2	2.00000
	5.37	4.56	3.87	3.29	2.67	2.20	1.74	1.313	13
7:	10.18	-2	7.98	0.08	0.9		5	2513.4	26
		15.50	13.86	12.54	11.09	9.74	8.40	58.5	2.00000
	7.16	6.06	5.07	4.27	3.55	2.95	2.38	1.113	13
8:	4.76	-1	8.88	0.11	2.2		5	3770.2	18
		16.05	15.16	13.82	11.37	10.41	9.48	64.2	0.50000
	8.17	6.94	5.54	4.70	3.56	2.40	2.50	7.474	13

*
 2010N 2000N 1995N 1990N 1980N 1970N 1960N 1940N 1920N 1900N
 ON 2010N 13509N 998 4 15:51:28|

1:	328.14	0	3.94	0.00	1.0		5	188.5	62
		8.35	6.82	6.37	5.13	4.64	3.71	35.9	0.03125
	3.55	2.89	2.23	1.91	1.32	1.01	1.07	7.659	13
2:	147.90	-1	3.89	0.00	1.1		5	377.0	56
		8.13	7.14	6.17	5.59	4.85	4.29	30.4	0.50000
	3.46	2.91	2.50	2.04	1.78	1.46	1.06	3.122	13
3:	184.88	6	4.73	0.01	1.1		5	377.0	70
		9.86	8.42	7.48	6.53	5.70	4.91	37.1	0.25000
	4.22	3.56	2.91	2.45	1.94	1.56	1.31	1.631	13
4:	81.13	-7	4.56	0.00	2.8		5	754.0	61
		10.28	8.75	7.75	6.60	5.78	4.78	39.4	0.12500
	4.20	3.45	2.86	2.39	1.92	1.62	1.27	2.223	13
5:	40.74	4	5.14	0.02	2.5		5	1256.7	51
		11.01	9.45	8.35	7.26	6.34	5.42	39.7	0.50000
	4.64	3.90	3.25	2.68	2.20	1.80	1.48	1.820	13
6:	35.82	-4	5.70	0.00	0.7		5	1099.6	39
		11.67	10.07	9.13	7.75	6.95	5.80	43.4	0.50000
	5.29	4.40	3.63	3.03	2.36	1.92	1.69	2.941	13
7:	15.01	1	6.70	0.02	0.8		5	1979.3	30
		13.37	11.81	10.64	9.32	8.25	7.00	50.2	1.00000
	6.19	5.17	4.29	3.62	2.93	2.42	1.99	1.156	13
8:	7.09	-5	8.67	0.00	2.2		5	3110.4	22
		17.59	17.46	14.25	13.92	12.09	11.26	70.9	1.00000
	8.11	7.01	6.45	4.85	5.00	4.08	2.14	11.850	13

*
 2020N 2000N 1995N 1990N 1980N 1970N 1960N 1940N 1920N 1900N
 ON 2020N 13509N 998 4 15:54:13|

1:	114.63	0	4.49	0.09	1.0		5	628.3	72
		8.85	7.68	7.25	6.36	5.44	4.70	39.5	32.00000
	4.09	3.61	2.96	2.96	2.36	1.79	1.62	5.233	13
2:	59.71	-1	4.43	0.05	1.1		5	942.5	56
		9.59	8.15	7.05	6.20	5.46	4.68	39.2	0.06250
	3.96	3.28	2.79	2.10	1.75	1.46	1.12	2.359	13
3:	82.51	6	5.33	0.02	1.1		5	754.0	62
		11.06	9.58	8.46	7.48	6.45	5.62	39.9	1.00000
	4.75	3.98	3.35	2.81	2.33	1.95	1.56	2.107	13
4:	40.38	-7	5.37	0.19	2.8		5	1256.7	51
		11.40	9.86	8.71	7.60	6.63	5.66	41.7	0.50000
	4.85	4.13	3.50	2.99	2.47	1.91	1.38	3.898	13

D13_RAW.txt

5:	21.89	4	5.92	0.02	2.6		5	1885.0	41
		12.40	10.76	9.50	8.31	7.25	6.25	45.5	0.50000
	5.31	4.48	3.77	3.12	2.57	2.10	1.71	1.471	13
6:	20.96	-4	6.69	0.13	0.7		5	1508.0	32
		13.12	11.64	10.46	9.23	8.07	7.03	49.9	4.00000
	6.03	5.13	4.34	3.71	3.05	2.52	2.04	1.570	13
7:	9.73	1	7.94	0.10	0.7		5	2513.4	25
		15.07	13.63	12.27	10.89	9.53	8.33	58.3	4.00000
	7.11	6.01	5.04	4.33	3.58	2.96	2.40	1.283	13
8:	5.10	-5	10.03	0.18	2.2		5	3770.2	19
		20.37	18.25	15.62	13.88	12.50	10.66	135.9	0.00195
	8.90	6.85	6.03	3.81	3.11	2.77	2.06	7.862	13

*
 2030N 2020N 2015N 2010N 2000N 1990N 1980N 1960N 1940N 1920N
 ON ON 2030N 13529N 998 4 15:57:04|

1:	304.73	-4	4.10	0.17	0.6		5	188.5	58
		8.61	7.29	6.13	5.58	4.99	4.41	33.1	0.12500
	3.35	2.79	2.38	2.22	1.74	1.10	1.13	7.284	13
2:	156.18	-1	4.20	0.04	1.1		5	377.0	59
		8.86	7.62	6.77	5.94	5.16	4.41	33.7	0.25000
	3.82	3.21	2.67	2.16	1.77	1.50	1.15	1.711	13
3:	170.85	2	4.83	0.00	1.3		5	377.0	65
		10.12	8.72	7.71	6.78	5.93	5.11	38.4	0.25000
	4.32	3.65	3.04	2.51	2.06	1.66	1.32	1.222	13
4:	78.25	-3	4.90	0.00	2.6		5	754.0	59
		10.24	8.77	7.74	6.85	6.06	5.24	36.8	1.00000
	4.35	3.71	3.07	2.62	2.15	1.73	1.44	2.024	13
5:	40.96	4	5.71	0.04	2.5		5	1256.7	52
		12.00	10.37	9.16	8.03	7.05	6.05	45.4	0.25000
	5.10	4.34	3.60	2.97	2.39	1.92	1.58	1.058	13
6:	33.91	-4	6.18	0.10	1.0		5	1099.6	37
		12.91	11.19	9.72	8.62	7.65	6.61	46.7	1.00000
	5.47	4.61	3.86	3.38	2.80	2.27	1.90	3.017	13
7:	12.91	-0	7.60	0.02	1.3		5	1979.3	26
		15.01	13.23	11.74	10.49	9.30	8.17	55.8	2.00000
	6.74	5.87	4.91	4.18	3.33	2.68	2.24	1.577	13
8:	6.63	-1	8.65	0.34	2.8		5	3110.4	21
		16.69	15.47	14.25	12.24	10.85	9.00	64.6	2.00000
	8.05	7.01	5.85	4.33	3.74	3.63	2.51	5.164	13

*
 2040N 2020N 2015N 2010N 2000N 1990N 1980N 1960N 1940N 1920N
 ON ON 2040N 13529N 998 4 15:59:19|

1:	104.85	-3	3.51	1.04	0.6		5	628.3	66
		9.08	8.53	8.32	6.26	4.76	4.28		
	3.46	3.36	2.58	2.20	2.07	1.55	1.05		99
2:	62.91	-1	4.58	0.13	1.1		5	942.5	59
		9.32	7.90	6.89	6.20	5.55	4.75	34.3	0.50000
	4.08	3.36	2.87	2.38	1.92	1.54	1.26	1.772	13
3:	77.64	2	5.14	0.02	1.2		5	754.0	59
		10.81	9.33	8.26	7.24	6.31	5.44	39.7	0.50000
	4.63	3.91	3.28	2.72	2.24	1.82	1.45	1.281	13

D13_RAW.txt

4:	39.38	-2	5.14	0.12	2.6		5	1256.7	50
		10.93	9.53	8.51	7.37	6.33	5.48	40.5	0.50000
	4.68	3.99	3.36	2.77	2.33	1.89	1.47	1.896	13
5:	22.03	4	5.83	0.32	2.5		5	1885.0	42
		12.56	10.89	9.63	8.35	7.30	6.20	45.1	2.00000
	5.24	4.42	3.72	3.49	2.95	2.33	1.72	5.221	13
6:	19.94	-4	7.02	0.21	1.0		5	1508.0	30
		14.51	12.91	11.39	9.97	8.56	7.42	53.0	1.00000
	6.47	5.70	4.51	3.48	2.95	2.55	2.24	4.305	13
7:	8.47	-0	8.17	0.24	1.2		5	2513.4	21
		15.83	14.48	13.27	11.48	10.07	8.63	61.0	1.00000
	7.51	6.43	5.29	4.44	3.71	3.03	2.23	2.409	13
8:	4.78	-1	10.40	0.57	2.8		5	3770.2	18
		17.42	15.48	13.21	13.07	11.83	10.22	68.8	4.00000
	9.05	7.14	6.66	4.84	4.17	3.18	3.13	5.921	13

*

	2050N	2040N ON	2035N 20250N	2030N 13549N	2020N 998	2010N 4	2000N	1980N 16:02:13	1960N	1940N
1:	226.16	-1	3.64	0.19	1.4		5	0.0	9999999	
		7.83	6.76	5.81	4.99	4.57	3.79	29.0	0.25000	
	3.19	2.81	1.95	2.05	1.66	1.14	1.04	6.570	13	
2:	162.57	-3	3.98	0.08	1.5		5	0.0	9999999	
		8.70	7.34	6.54	5.73	4.89	4.24	33.5	0.12500	
	3.58	2.95	2.61	1.96	1.60	1.39	1.00	3.022	13	
3:	177.38	6	4.33	0.05	1.1		5	0.0	9999999	
		9.28	7.94	6.98	6.07	5.34	4.55	34.6	0.25000	
	3.84	3.28	2.60	2.30	1.89	1.48	1.19	2.267	13	
4:	83.10	-6	4.65	0.02	2.9		5	0.0	9999999	
		9.87	8.47	7.45	6.51	5.73	4.89	35.8	0.50000	
	4.16	3.52	2.88	2.46	2.01	1.61	1.31	1.719	13	
5:	42.31	1	5.61	0.02	2.6		5	0.0	5920172	
		11.77	10.16	8.99	7.88	6.89	5.92	42.3	1.00000	
	5.06	4.28	3.59	2.98	2.46	2.02	1.65	1.855	13	
6:	36.14	1	6.11	0.06	0.8			570042040.0	2536478	
		12.55	10.97	9.65	8.45	7.47	6.42	45.6	2.00000	
	5.46	4.54	3.78	3.25	2.67	2.30	2.04	4.552	13	
7:	13.02	-1	7.67	0.13	0.9			570344320.0	917511	
		15.55	13.74	12.15	10.77	9.42	8.08	71.0	0.03125	
	6.88	5.84	4.73	4.00	3.07	2.20	1.47	8.529	13	
8:	6.10	-3	8.61	0.96	2.4			570647432.0	431895	
		16.90	14.80	14.43	13.39	10.02	9.52	71.3	16.00000	
	8.01	6.13	7.42	3.41	2.68	3.93	1.87	10.159	9	

*

	2060N	2040N ON	2035N 2060N	2030N 13549N	2020N 998	2010N 4	2000N	1980N 16:04:48	1960N	1940N
1:	95.35	-1	4.60	0.00	1.3		5	628.3	60	
		10.09	7.50	6.81	6.93	5.87	5.20	38.1	0.12500	
	3.82	3.91	3.09	2.22	1.18	1.82	1.33	17.158	13	
2:	76.67	-2	4.94	0.00	1.4		5	942.5	72	
		10.50	9.47	8.27	6.86	6.06	5.11	41.5	0.12500	
	4.53	3.54	3.00	2.59	2.37	1.55	1.25	5.350	13	

D13_RAW.txt

3:	91.72	5	5.25	0.00	1.1		5	754.0	69
		11.30	9.47	8.36	7.53	6.53	5.62	41.8	0.25000
	4.64	4.06	3.34	2.68	2.05	1.86	1.45	2.904	13
4:	46.72	-5	5.65	0.00	2.9		5	1256.7	59
		11.91	10.20	9.03	8.01	6.96	6.01	43.3	0.50000
	5.05	4.32	3.60	2.96	2.36	1.99	1.57	1.532	13
5:	25.21	1	6.57	0.04	2.6		5	1885.0	48
		13.70	11.91	10.53	9.25	8.08	6.94	50.2	0.50000
	5.90	4.98	4.16	3.45	2.84	2.32	1.84	1.069	13
6:	22.93	1	7.11	0.00	0.8		5	1508.0	35
		14.70	12.56	11.14	10.00	8.84	7.55	53.2	1.00000
	6.33	5.54	4.60	3.77	2.97	2.67	2.11	2.569	13
7:	9.05	-1	8.33	0.09	0.9		5	2513.4	23
		16.88	14.93	13.20	11.81	10.36	8.84	72.3	0.06250
	7.45	6.29	5.20	4.09	3.17	2.66	2.01	3.181	13
8:	4.62	-3	10.27	0.06	2.4		5	3770.2	17
		17.90	19.52	17.60	13.22	12.32	10.29	75.7	0.50000
	10.26	6.63	6.00	5.80	6.38	2.74	2.53	16.669	13

*

	2070N	2060N ON	2055N 2070N	2050N 13569N	2040N 998	2030N 4	2020N 16:07:46	2000N	1980N	1960N
1:	216.92	-3	2.38	0.10	0.5		5	188.5	41	
		5.20	4.42	3.83	3.46	2.91	2.53	21.4	0.06250	
	2.15	1.84	1.45	1.21	0.93	0.77	0.60	2.133	13	
2:	101.39	2	2.86	0.04	0.6		5	377.0	38	
		6.37	5.33	4.69	4.04	3.54	3.02	25.7	0.06250	
	2.55	2.15	1.81	1.47	1.23	0.90	0.69	3.406	13	
3:	153.85	4	4.30	0.03	0.7		5	377.0	58	
		9.27	7.96	6.99	6.12	5.32	4.55	35.9	0.12500	
	3.85	3.23	2.66	2.19	1.76	1.40	1.08	1.546	13	
4:	99.32	-7	5.73	0.03	2.8		5	754.0	75	
		12.13	10.48	9.25	8.11	7.06	6.06	47.8	0.12500	
	5.14	4.30	3.57	2.94	2.38	1.90	1.50	1.102	13	
5:	56.89	5	6.21	0.03	2.9		5	1256.7	72	
		13.20	11.40	10.05	8.80	7.67	6.56	51.9	0.12500	
	5.57	4.67	3.90	3.21	2.61	2.08	1.62	1.417	13	
6:	47.34	-6	6.97	0.04	1.0		5	1099.6	52	
		14.44	12.64	11.19	9.81	8.59	7.35	55.2	0.25000	
	6.27	5.25	4.38	3.64	2.96	2.39	1.91	0.990	13	
7:	16.25	3	8.17	0.09	0.9		5	1979.3	32	
		16.39	14.47	12.95	11.39	10.00	8.60	61.7	0.50000	
	7.35	6.20	5.18	4.32	3.54	2.85	2.26	0.913	13	
8:	6.92	-2	9.33	0.73	2.4		5	3110.4	22	
		18.56	16.65	15.08	13.17	11.87	9.83	70.6	0.50000	
	8.36	6.92	5.84	4.95	4.14	3.29	2.78	1.809	11	

*

	2080N	2060N ON	2055N 2080N	2050N 13569N	2040N 998	2030N 4	2020N 16:10:00	2000N	1980N	1960N
1:	98.00	-3	2.91	0.66	0.6		5	628.3	62	
		6.99	5.60	5.11	4.10	3.63	3.35	31.6	0.01563	
	2.61	2.50	2.19	1.77	1.73	1.32	1.30	4.551	6	

D13_RAW.txt

2:	52.88	2	4.22	0.28	0.6		5	942.5	50
		8.77	7.62	6.63	5.96	5.18	4.34	36.6	0.06250
	3.78	3.03	2.48	2.07	1.58	1.32	0.97	2.103	11
3:	87.30	4	5.35	0.10	0.7		5	754.0	66
		11.48	9.85	8.72	7.57	6.60	5.69	41.3	0.50000
	4.78	4.04	3.39	2.79	2.31	1.87	1.54	1.871	13
4:	60.16	-7	6.66	0.05	3.0		5	1256.7	76
		14.18	12.25	10.85	9.44	8.24	7.08	51.5	0.50000
	6.01	5.12	4.22	3.52	2.92	2.36	1.91	1.514	13
5:	35.87	5	7.26	0.00	3.1		5	1885.0	68
		15.27	13.26	11.72	10.27	8.96	7.68	55.5	0.50000
	6.53	5.49	4.59	3.78	3.09	2.55	2.07	1.368	13
6:	31.47	-6	7.92	0.13	1.0		5	1508.0	48
		16.46	14.34	12.75	11.14	9.74	8.41	59.8	1.00000
	7.13	6.04	5.11	4.27	3.53	2.92	2.45	2.294	13
7:	11.61	3	9.12	0.06	1.0		5	2513.4	29
		18.12	16.05	14.35	12.69	11.12	9.62	67.3	2.00000
	8.21	7.02	5.93	4.94	4.12	3.39	2.79	1.370	13
8:	5.32	-2	11.50	1.20	2.4		5	3770.2	20
		20.72	19.53	17.27	15.82	14.11	11.72	80.4	1.00000
	10.24	8.03	6.80	5.76	4.34	3.82	3.21	3.207	9

*

	2090N	2080N ON	2075N 2090N	2070N 13589N	2060N 998	2050N 4	2040N 16:12:55	2020N	2000N	1980N
1:	194.50	-3	3.34	0.37	0.7		5	188.5	37	
		7.34	6.45	5.69	5.00	4.15	3.51	30.6	0.06250	
	3.02	2.63	2.10	1.79	1.44	0.88	0.72	2.038	9	
2:	117.11	-1	3.49	0.19	0.7		5	377.0	44	
		7.56	6.34	5.58	4.88	4.34	3.71	27.7	0.25000	
	3.07	2.52	2.10	1.71	1.40	1.27	1.00	3.828	13	
3:	127.82	4	3.65	0.09	0.6		5	377.0	48	
		7.84	6.76	5.98	5.25	4.52	3.86	29.5	0.25000	
	3.32	2.82	2.36	1.93	1.60	1.21	0.97	2.071	13	
4:	81.75	-5	4.60	0.13	2.4		5	754.0	62	
		9.80	8.43	7.42	6.53	5.63	4.85	36.7	0.25000	
	4.12	3.49	2.90	2.42	1.95	1.53	1.25	1.338	13	
5:	51.10	5	6.61	0.03	2.3		5	1256.7	64	
		13.80	11.98	10.59	9.31	8.14	6.97	50.6	0.50000	
	5.97	5.01	4.20	3.46	2.85	2.32	1.86	1.028	13	
6:	59.40	-2	8.00	0.07	0.6		5	1099.6	65	
		16.43	14.36	12.65	11.18	9.74	8.46	60.2	0.50000	
	7.07	6.00	5.00	4.20	3.38	2.71	2.25	1.104	13	
7:	20.91	-3	9.05	0.07	0.7		5	1979.3	41	
		18.20	16.12	14.21	12.67	11.03	9.55	68.2	0.50000	
	8.10	6.90	5.72	4.82	3.91	3.14	2.54	1.008	13	
8:	8.31	1	10.45	0.90	2.6		5	3110.4	26	
		20.39	17.63	15.65	13.97	12.97	11.08	75.6	0.50000	
	9.16	7.49	6.48	5.02	4.28	4.36	3.28	2.801	10	

*

	2100N	2080N ON	2075N 2100N	2070N 13589N	2060N 998	2050N 4	2040N 16:17:17	2020N	2000N	1980N
--	-------	-------------	----------------	-----------------	--------------	------------	-------------------	-------	-------	-------

D13_RAW.txt

1:	85.18	-2	4.28	0.33	0.7		5	628.3	54
		10.15	8.57	7.13	6.89	6.68	4.69	44.0	0.03125
	3.72	3.28	2.74	2.24	1.46	1.23	0.91	6.519	10
2:	58.13	-1	4.60	0.14	0.7		5	942.5	55
		9.37	8.12	7.37	6.15	5.02	4.80	33.8	2.00000
	4.17	3.44	2.85	2.35	2.09	1.68	1.37	4.350	13
3:	69.16	4	4.69	0.09	0.5		5	754.0	52
		10.26	8.77	7.60	6.85	6.18	4.99	40.0	0.12500
	4.19	3.57	2.99	2.48	1.93	1.57	1.26	1.947	13
4:	47.70	-3	5.69	0.04	2.5		5	1256.7	60
		12.07	10.43	9.13	8.11	7.23	6.03	45.7	0.25000
	5.10	4.34	3.63	3.00	2.41	1.96	1.59	1.302	13
5:	31.11	3	7.58	0.01	2.4		5	1885.0	59
		15.76	13.69	12.13	10.62	9.26	8.00	57.5	0.50000
	6.81	5.73	4.76	3.94	3.22	2.61	2.12	1.013	13
6:	37.86	-1	9.08	0.03	0.6		5	1508.0	57
		18.75	16.43	14.51	12.83	11.34	9.60	68.9	0.50000
	8.15	6.87	5.80	4.82	3.90	3.19	2.50	0.989	13
7:	14.28	-3	10.10	0.00	0.8		5	2513.4	36
		20.31	18.04	16.10	14.36	12.79	10.73	76.6	0.50000
	9.07	7.67	6.49	5.42	4.37	3.56	2.83	1.106	13
8:	6.11	1	11.41	0.55	2.5		5	3770.2	23
		20.71	18.99	17.33	14.82	12.13	11.74	82.3	8.00000
	10.48	8.61	7.22	6.04	5.30	4.25	3.39	3.455	13

*

	2110N	2100N ON	2095N 2110N	2090N 13609N	2080N 998	2070N 4	2060N 16:20:58	2040N	2020N	2000N
1:	157.34	-6	3.30	0.26	0.5		5	188.5	30	
		7.25	6.24	5.51	4.85	3.64	3.33	29.3	0.06250	
	3.25	2.28	1.82	1.81	1.02	0.68	0.74	7.491	10	
2:	147.17	-1	4.16	0.01	0.7		5	377.0	56	
		8.92	7.58	6.75	5.92	5.15	4.43	33.3	0.25000	
	3.74	3.16	2.67	2.08	1.78	1.36	1.16	1.952	13	
3:	143.65	8	4.99	0.01	0.9		5	377.0	54	
		10.70	9.23	8.14	7.11	6.17	5.27	41.7	0.12500	
	4.47	3.71	3.05	2.54	2.03	1.66	1.30	0.798	13	
4:	78.22	-7	5.81	0.00	2.6		5	754.0	59	
		12.32	10.73	9.40	8.23	7.18	6.10	48.3	0.12500	
	5.18	4.30	3.51	3.00	2.34	1.98	1.50	1.532	13	
5:	40.53	3	6.10	0.00	2.4		5	1256.7	51	
		12.73	10.98	9.74	8.54	7.48	6.44	45.8	1.00000	
	5.50	4.63	3.90	3.21	2.67	2.18	1.80	1.823	13	
6:	49.10	0	7.80	0.02	0.5		5	1099.6	54	
		16.15	14.14	12.47	10.95	9.55	8.19	58.9	0.50000	
	7.00	5.84	4.80	4.15	3.25	2.76	2.12	1.783	13	
7:	24.93	1	10.31	0.00	0.8		5	1979.3	49	
		20.97	18.48	16.47	14.46	12.65	10.85	77.4	0.50000	
	9.25	7.77	6.44	5.41	4.39	3.58	2.87	0.572	13	
8:	10.11	-5	10.31	0.59	2.2		5	3110.4	31	
		20.58	16.80	16.28	14.26	12.57	11.23	75.8	2.00000	
	9.45	8.66	7.93	4.40	5.35	3.06	3.51	12.523	13	

D13_RAW.txt

*	2120N	2100N ON	2095N 2120N	2090N 13609N	2080N 998	2070N 4	2060N 16:23:19	2040N	2020N	2000N
1:	67.68	-6	4.90	0.54	0.6		5	628.3	43	
	4.80	9.24	7.40	6.89	6.53	5.62	5.12	40.4	32.00000	
		3.57	3.29	2.78	1.97	1.49	1.57	4.823	10	
2:	72.21	-2	5.28	0.08	0.8		5	942.5	68	
	4.69	11.38	9.88	8.67	7.54	6.59	5.61	44.4	0.12500	
		3.99	3.27	2.68	2.21	1.77	1.38	0.926	13	
3:	78.20	8	6.16	0.03	0.9		5	754.0	59	
	5.53	13.02	11.24	9.94	8.73	7.59	6.50	48.7	0.25000	
		4.61	3.84	3.16	2.57	2.07	1.68	0.805	13	
4:	45.83	-6	7.02	0.08	2.6		5	1256.7	58	
	6.31	14.57	12.60	11.19	9.86	8.57	7.38	55.3	0.25000	
		5.25	4.41	3.64	2.95	2.38	1.94	1.108	13	
5:	24.73	3	7.25	0.01	2.5		5	1885.0	47	
	6.53	14.99	13.04	11.55	10.16	8.86	7.64	55.4	0.50000	
		5.48	4.61	3.82	3.15	2.57	2.08	1.326	13	
6:	31.28	0	9.00	0.09	0.6		5	1508.0	47	
	8.12	18.25	15.94	14.18	12.55	10.97	9.48	66.2	1.00000	
		6.81	5.70	4.73	3.89	3.17	2.58	1.067	13	
7:	16.80	1	11.45	0.05	0.8		5	2513.4	42	
	10.31	22.82	20.23	18.06	15.98	13.96	12.08	83.2	1.00000	
		8.67	7.27	6.02	4.91	4.01	3.22	0.840	13	
8:	7.29	-5	11.66	0.95	2.2		5	3770.2	28	
	9.82	23.63	22.08	19.52	16.72	14.77	12.34	95.6	0.12500	
		8.77	6.95	5.59	5.25	4.57	3.10	4.215	11	