

XRD Data (Page no 1-75)

2θ (°)	Intensity			
	SnSe ₂	S/GO (1:0.5)	S/GO (1:1)	S/GO (1:2)
5.0077	8134	9391	9130	9122
5.0337	8153.802	9424.663	9031.982	8886.362
5.0597	8026.58	9156.437	9060.405	9007.5
5.0857	7933.768	9153.911	8839.787	8948.875
5.1117	7876.262	9041.644	8830.119	9048.793
5.1377	7958.585	8878.285	8736.862	8840.113
5.1637	7943.25	8919.845	8655.822	8909.88
5.1897	7808.002	8738.752	8743.124	8936.403
5.2157	7682.922	8695.54	8746.318	8787.018
5.2417	7619.269	8909.746	8655.841	8677.466
5.2677	7710.383	8779.67	8628.985	8778.796
5.2937	7669.33	8754.982	8552.168	8663.608
5.3197	7600.454	8603.361	8554.452	8532.598
5.3457	7564.128	8583.871	8359.152	8518.742
5.3717	7633.193	8611.555	8556.466	8286.506
5.3977	7487.534	8494.283	8334.246	8438.81
5.4237	7504.586	8497.396	8407.615	8311.323
5.4497	7392.459	8447.133	8316.94	8437.288
5.4757	7478.889	8376.859	8084.543	8193.832
5.5017	7383.713	8215.5	8127.451	8113.713
5.5277	7378.444	8080.004	8077.463	8183.545
5.5537	7353.126	8244.992	7969.754	7989.843
5.5797	7244.16	8120.679	7817.018	7934.782
5.6057	7199.021	8158.44	7797.208	7875.572
5.6317	7223.713	8084.196	7830.951	7894.57
5.6577	7005.162	8051.496	7900.155	7702.976
5.6837	6912.192	7936.729	7692.2	7755.465
5.7097	6960.175	7832.575	7617.393	7753.806
5.7357	6968.445	7750.504	7592.28	7736.556
5.7617	6946.194	7552.786	7646.815	7609.219
5.7877	6817.497	7556.447	7442.636	7434.39
5.8137	6761.153	7609.465	7436.398	7474.09
5.8397	6826.566	7665.409	7382.134	7557.997
5.8657	6681.116	7496.664	7377.009	7474.425
5.8917	6597.651	7408.639	7264.134	7398.157
5.9177	6609.444	7474.967	7215.276	7306.674
5.9437	6612.429	7497.43	7158.792	7388.417
5.9697	6550.877	7306.201	7165.036	7367.132
5.9957	6512.262	7194.639	7156.361	7343.033

6.0217	6486.092	7233.073	7034.85	7278.467
6.0477	6448.685	7195.071	7098.859	7163.674
6.0737	6377.647	7147.661	7028.179	7142.168
6.0997	6415.408	7218.658	6942.414	7162.416
6.1257	6354.185	7212.946	6899.666	7110.239
6.1517	6270.817	7169.563	6983.769	6970.529
6.1777	6276.875	7200.442	6951.375	6798.692
6.2037	6263.693	7085.302	6838.39	6845.478
6.2297	6300.697	6970.135	6857.615	6912.644
6.2557	6230.827	6935.339	6818.724	6916.661
6.2817	6120.321	6901.486	6714.188	6888.857
6.3077	6184.544	6850.108	6629.201	6849.644
6.3337	6191.761	6844.951	6516.412	6832.929
6.3597	6067.011	6867.282	6454.037	6750.532
6.3857	6048.938	6827.777	6518.782	6726.128
6.4117	6107.499	6835.21	6551.254	6795.313
6.4377	6036.865	6843.829	6493.201	6792.121
6.4637	5951.443	6763.346	6439.003	6715.448
6.4897	5986.762	6727.795	6457.23	6657.336
6.5157	5977.398	6679.364	6468.37	6626.952
6.5417	5921.829	6603.383	6426.365	6613.371
6.5677	5914.097	6682.595	6373.422	6573.401
6.5937	5847.315	6644.105	6353.343	6614
6.6197	5787.704	6545.979	6401.5	6600.827
6.6457	5826.999	6479.751	6257.757	6607.107
6.6717	5795.868	6494.979	6224.949	6659.984
6.6977	5689.684	6548.238	6214.176	6519.133
6.7237	5632.053	6551.178	6198.654	6467.823
6.7497	5706.191	6445.099	6209.987	6523.62
6.7757	5763.916	6393.553	6088.626	6498.217
6.8017	5703.265	6455.846	6062.671	6448.779
6.8277	5597.757	6368.364	6025.879	6385.582
6.8537	5535.087	6242.921	6063.063	6359.061
6.8797	5525.699	6361.008	6024.278	6313.839
6.9057	5641.465	6290.6	6050.152	6419.346
6.9317	5659.976	6231.951	5970.894	6357.332
6.9577	5519.768	6250.49	5899.582	6217.955
6.9837	5548.066	6318.934	5893.279	6239.606
7.0097	5587.647	6218.942	5839.168	6122.1
7.0357	5477.345	6172.763	5827.513	6100.061
7.0617	5499.45	6210.847	5830.671	6101.239
7.0877	5327.206	6107.133	5820.209	6157.054
7.1137	5295.808	6053.96	5642.714	6180.06
7.1397	5178.537	6000.974	5730.295	6032.341

7.1657	5248.882	6099.06	5634.473	6021.352
7.1917	5267.511	6049.332	5582.304	6051.345
7.2177	5197.964	6038.617	5718.921	5982.843
7.2437	5188.32	5966.416	5549.215	5982.733
7.2697	5207.488	6078.008	5643.495	5973.187
7.2957	5258.565	5983.19	5536.805	5891.074
7.3217	5128.771	5889.271	5543.592	5922.376
7.3477	5259.79	5863.226	5406.094	5886.869
7.3737	5229.117	5983.897	5487.242	5821.524
7.3997	5179.841	5785.907	5529.377	5847.004
7.4257	5052.966	5945.084	5457.297	5869.004
7.4517	5178.347	5746.682	5426.817	5867.741
7.4777	5097.877	5945.294	5443.049	5686.123
7.5037	5060.675	5641.132	5297.566	5720.858
7.5297	5015.126	5704.601	5329.976	5719.989
7.5557	5042.481	5726.407	5352.653	5771.718
7.5817	4988.133	5950.284	5268.532	5797.655
7.6077	4941.173	5854.417	5186.837	5832.943
7.6337	5090.675	5780.162	5166.045	5698.293
7.6597	5011.966	5543.886	5347.778	5732.577
7.6857	5001.22	5585.988	5190.586	5688.99
7.7117	4858.692	5689.617	5354.478	5643.468
7.7377	4856.875	5651.799	5184.657	5549.059
7.7637	4907.257	5546.642	5252.859	5560.172
7.7897	4721.399	5608.559	5199.763	5487.812
7.8157	4814.837	5564.724	5141.225	5664.965
7.8417	4864.331	5448.028	5072.707	5489.795
7.8677	4742.621	5538.849	5028.841	5657.435
7.8937	4730	5451.05	5092.397	5524.133
7.9197	4825.98	5489.767	5190.648	5529.218
7.9457	4753.637	5444.152	5016.578	5510.909
7.9717	4689.869	5462.197	4959.721	5368.114
7.9977	4591.812	5396.426	4997.947	5401.113
8.0237	4734.067	5452.921	5059.337	5528.013
8.0497	4757.805	5302.217	5012.781	5500.333
8.0757	4584.533	5314.117	4938.154	5259.662
8.1017	4677.622	5342.662	4913.531	5243.131
8.1277	4555.466	5195.657	4996.788	5309.081
8.1537	4580.755	5175.988	4881.901	5303.015
8.1797	4574.684	5352.106	4910.369	5335.106
8.2057	4509.754	5353.565	4960.521	5292.77
8.2317	4583.047	5248.644	4836.084	5271.843
8.2577	4513.517	5325.081	4772.449	5217.58
8.2837	4476.252	5271.024	4791.243	5215.996

8.3097	4446.625	5260.497	4822.196	5287.588
8.3357	4514.374	5248.751	4822.701	5238.006
8.3617	4434.997	5198.799	4797.679	5136.838
8.3877	4505.906	5076.905	4768.407	5248.6
8.4137	4418.966	5108.919	4793.609	5168.065
8.4397	4390.301	5127.885	4693.418	5167.672
8.4657	4399.598	5173.025	4761.739	5165.426
8.4917	4460.348	5142.697	4725.483	5149.989
8.5177	4442.784	5125.907	4574.322	5072.383
8.5437	4317.813	5113.435	4596.767	5062.276
8.5697	4375.472	5086.062	4568.81	5101.063
8.5957	4375.559	5003.467	4565.32	5029.483
8.6217	4268.229	4995.144	4586.621	5039.597
8.6477	4276.925	5035.548	4574.783	5028.963
8.6737	4326.226	5023.361	4595.245	5105.97
8.6997	4255.438	5093.291	4622.866	5074.16
8.7257	4238.516	5055.374	4572.051	4953.025
8.7517	4231.586	4992.425	4466.456	4926.71
8.7777	4205	4966.569	4421.929	4910.988
8.8037	4195.076	5026.907	4458.081	4924.427
8.8297	4195.663	4968.766	4506.657	4927.802
8.8557	4170.047	4861.532	4515.965	4903.154
8.8817	4182.205	4856.263	4418.81	4949.636
8.9077	4168.835	4840.255	4330.86	4956.579
8.9337	4068.823	4859.602	4283.858	4953.623
8.9597	4011.115	4910.148	4281.361	4896.048
8.9857	4036.286	4874.174	4339.794	4836.142
9.0117	4056.841	4895.066	4351.977	4866.505
9.0377	4077.501	4923.776	4326.367	4826.505
9.0637	4123.165	4839.053	4325.537	4810.893
9.0897	4080.127	4810.639	4305.107	4864.185
9.1157	4002.844	4796.916	4254.458	4869.012
9.1417	4022.08	4810.646	4247.174	4816.441
9.1677	4059.554	4768.746	4198.418	4786.328
9.1937	3925.555	4754.741	4168.503	4770.843
9.2197	3820.681	4829.326	4172.586	4804.163
9.2457	3909.011	4764.662	4202.226	4846.888
9.2717	3901.672	4662.836	4252.171	4824.081
9.2977	3867.062	4682.901	4201.565	4765.912
9.3237	3873.767	4684.48	4211.476	4727.652
9.3497	3848.116	4596.417	4160.926	4704.558
9.3757	3904.293	4668.687	4184.034	4805.985
9.4017	3974.503	4631.31	4127.912	4802.578
9.4277	3934.66	4660.325	4170.17	4714.049

9.4537	3925.327	4671.697	4168.164	4676.434
9.4797	3813.559	4638.437	4182.758	4638.189
9.5057	3805.557	4575.306	4136.834	4702.691
9.5317	3845.7	4584.734	4130.324	4748.436
9.5577	3796.486	4535.732	4057.36	4708.067
9.5837	3734.849	4621.327	4001.422	4641.971
9.6097	3770.844	4595.562	4107.044	4624.3
9.6357	3801.995	4466.532	3990.657	4591.274
9.6617	3735.387	4455.148	3940.121	4595.283
9.6877	3722.909	4431.057	4016.115	4587.407
9.7137	3756.043	4458.817	4061.227	4631.144
9.7397	3689.883	4462.799	3925.897	4573.623
9.7657	3705.263	4603.683	3850.817	4536.552
9.7917	3695.725	4505.761	3925.745	4522.118
9.8177	3668.794	4547.726	3834.302	4584.891
9.8437	3660.605	4519.359	3793.804	4546.856
9.8697	3550.285	4469.703	3837.086	4452.422
9.8957	3625.288	4387.635	3803.693	4462.191
9.9217	3628.155	4373.107	3784.105	4551.115
9.9477	3553.951	4428.738	3850.296	4561.294
9.9737	3623.315	4467.339	3916.758	4420.145
9.9997	3623.153	4419.38	3859.186	4449.563
10.0257	3592.855	4409.741	3743.035	4473.575
10.0517	3558.625	4264.898	3802.295	4456.688
10.0777	3550.156	4252.812	3730.371	4317.053
10.1037	3498.093	4444.759	3710.369	4491.933
10.1297	3549.867	4336.052	3769.178	4518.929
10.1557	3528.866	4295.283	3794.212	4389.019
10.1817	3604.938	4304.197	3798.498	4336.68
10.2077	3525.285	4348.384	3742.803	4400.767
10.2337	3479.45	4245.579	3856.618	4386.483
10.2597	3382.422	4171.323	3789.293	4471.63
10.2857	3398.758	4393.785	3716.053	4416.797
10.3117	3401.928	4288.681	3741.348	4479.43
10.3377	3477.342	4208.726	3546.883	4449.124
10.3637	3465.66	4241.372	3582.064	4330.411
10.3897	3422.426	4199.48	3667.255	4302.294
10.4157	3382.554	4283.127	3756.254	4410.531
10.4417	3420.755	4334.386	3660.114	4389.287
10.4677	3489.058	4240.871	3646.502	4275.21
10.4937	3435.178	4197.557	3578.927	4409.117
10.5197	3369.833	4176.071	3616.824	4305.666
10.5457	3301.828	4190.844	3600.723	4258.311
10.5717	3342.215	4219.299	3621.669	4386.371

10.5977	3268.397	4125.929	3531.396	4211.725
10.6237	3256.857	4164.121	3552.985	4280.53
10.6497	3286.64	4195.865	3599.649	4347.812
10.6757	3252.664	4225.945	3551.762	4259.078
10.7017	3297.102	4093.716	3452.509	4159.78
10.7277	3343.135	4105.038	3502.636	4165.062
10.7537	3346.157	4122.879	3476.834	4153.857
10.7797	3251.722	4163.268	3388.072	4105.354
10.8057	3237.448	4054.114	3500.271	4147.538
10.8317	3280.425	4105.182	3446.599	4264.617
10.8577	3236.741	4171.979	3450.932	4316.257
10.8837	3238.181	4103.184	3434.243	4220.73
10.9097	3158.769	4009.713	3403.571	4244.82
10.9357	3209.673	4037.165	3458.706	4188.015
10.9617	3234.361	4041.172	3285.952	4055.47
10.9877	3121.73	4064.715	3293.401	4122.963
11.0137	3120.477	4108.566	3401.458	4286.059
11.0397	3150.565	4061.97	3353.425	4170.568
11.0657	3118.154	3929.344	3376.801	4103.129
11.0917	3038.607	3920.335	3369.769	4094.149
11.1177	3059.119	4029.215	3375.384	4155.826
11.1437	3080.05	4072.025	3337.942	4150.158
11.1697	3124.686	3990.597	3274.744	4147.507
11.1957	3112.968	3971.901	3270.601	4149.977
11.2217	3058.686	3943.886	3284.4	4078.115
11.2477	3001.263	4037.78	3351.339	4052.229
11.2737	3057.134	3961.863	3411.088	4069.522
11.2997	3043.928	3945.641	3373.102	4098.952
11.3257	3048.699	3967.789	3261.857	4080.845
11.3517	3057.684	3953.526	3251.422	4087.685
11.3777	3030.895	3929.979	3249.427	4209.581
11.4037	2998.84	3802.887	3248.042	4305.128
11.4297	2955.385	3863.339	3235.147	4155.145
11.4557	2922.518	3947.565	3218.168	4037.335
11.4817	2967.111	3916.353	3255.114	4090.584
11.5077	3016.481	3992.433	3310.088	4091.276
11.5337	2982.373	3970.742	3275.86	4037.053
11.5597	2955.995	3873.506	3201.513	3992.019
11.5857	2920.379	3847.414	3225.662	4025.331
11.6117	2888.993	3864.899	3234.378	4041.743
11.6377	2907.638	3869.355	3201.349	4067.472
11.6637	2896.984	3843.636	3244.47	4082.615
11.6897	2890.499	3861.1	3280.301	4043.447
11.7157	2891.158	3856.04	3257.639	4058.517

11.7417	2861.107	3879.388	3201.407	4029.603
11.7677	2872.792	3900.612	3154.446	3999.4
11.7937	2888.538	3879.641	3175.872	3968.258
11.8197	2862	3849.171	3181.201	4028.82
11.8457	2848.725	3796.096	3165.04	3986.475
11.8717	2846.645	3821.963	3094.763	3902.768
11.8977	2874.406	3878.077	3067.506	3953.218
11.9237	2866.033	3857.229	3105.54	3942.525
11.9497	2832.694	3816.769	3056.418	3938.231
11.9757	2777.184	3852.768	3056.322	3925.408
12.0017	2744.477	3815.224	3072.326	3935.971
12.0277	2708.21	3713.677	3154.766	3933.087
12.0537	2719.666	3776.342	3055.414	3958.214
12.0797	2744.756	3696.488	2938.59	4029.165
12.1057	2783.368	3764.396	3045.808	3976.577
12.1317	2784.155	3785.467	2993.434	3991.93
12.1577	2752.487	3781.508	2972.117	3878.991
12.1837	2727.418	3799.019	3104.523	3945.967
12.2097	2721.091	3694.489	3067.014	3871.901
12.2357	2763.101	3787.84	2935.538	3907.827
12.2617	2723.419	3721.035	2909.009	3820.203
12.2877	2637.966	3741.686	2961.82	3918.795
12.3137	2691.458	3721.286	2921.08	3915.208
12.3397	2713.902	3764.173	3026.135	3975.483
12.3657	2826.753	3752.04	2981.529	3886.197
12.3917	2753.704	3752.552	2924.386	4068.91
12.4177	2688.566	3769.557	2984.573	4064.909
12.4437	2737.482	3752.676	2925.029	4019.673
12.4697	2674.954	3759.224	2947.497	3973.141
12.4957	2642.623	3787.915	2917.607	3887.6
12.5217	2565.232	3698.245	2855.265	3864.153
12.5477	2667.206	3769.439	2871.214	4026.929
12.5737	2678.383	3667.347	2962.077	3924.631
12.5997	2646.826	3737.303	2886.474	3963.25
12.6257	2681.95	3706.299	2972.805	3913.835
12.6517	2608.858	3716.68	2923.326	3923.077
12.6777	2564.021	3686.187	2938.51	3932.375
12.7037	2576.748	3620.086	2939.456	3900.323
12.7297	2576.078	3547.796	2859.76	3915.276
12.7557	2628.066	3567.524	2905.807	3831.561
12.7817	2565.526	3691.196	2834.867	3843.535
12.8077	2635.923	3724.485	2831.233	3833.613
12.8337	2508.58	3660.612	2839.099	3983.902
12.8597	2624.609	3632.263	2699.083	3903.364

12.8857	2512.73	3707.509	2722.845	4007.322
12.9117	2428.392	3631.278	2762.345	3901.769
12.9377	2502.948	3598.842	2874.001	3858.131
12.9637	2536.805	3668.356	2850.014	3919.645
12.9897	2425.445	3676.723	2855.677	3962.062
13.0157	2449.262	3647.738	2816.355	3876.215
13.0417	2501.436	3702.041	2856.964	3837.376
13.0677	2444.01	3661.644	2784.225	3981.93
13.0937	2470.082	3679.94	2800.854	4074.446
13.1197	2500.127	3716.361	2754.171	3903.865
13.1457	2417.145	3677.073	2750.789	3902.886
13.1717	2445.029	3635.74	2752.769	3871.393
13.1977	2403.653	3580.281	2745.13	3961.443
13.2237	2408.239	3713.057	2622.098	3860.015
13.2497	2446.749	3670.903	2705.556	3890.714
13.2757	2437.795	3714.061	2771.148	3755.4
13.3017	2414.965	3779.096	2711.548	3908.479
13.3277	2435.746	3682.768	2749.142	3995.142
13.3537	2339.947	3700.747	2781.188	3897.613
13.3797	2382.206	3730.931	2736.894	3898.761
13.4057	2411.517	3708.172	2635.949	3987.69
13.4317	2422.852	3648.393	2667.962	3987.8
13.4577	2367.631	3634.775	2762.076	3913.778
13.4837	2432.125	3717.656	2737.55	3969.768
13.5097	2361.063	3743.755	2689.762	3914.438
13.5357	2368.765	3770.837	2684.964	3927.765
13.5617	2382.736	3778.529	2670.818	3929.231
13.5877	2368.487	3790.336	2712.167	3861.869
13.6137	2337.95	3758.498	2659.144	3947.505
13.6397	2333.646	3748.235	2559.009	3970.532
13.6657	2380.536	3761.83	2573.536	4083.082
13.6917	2280.645	3745.05	2580.653	4005.67
13.7177	2279.406	3729.592	2572.296	3886.51
13.7437	2315.658	3738.99	2623.622	4023.194
13.7697	2271.13	3735.157	2676.247	4035.788
13.7957	2231.429	3723.537	2605.34	3998.354
13.8217	2232.272	3761.998	2575.545	3996.091
13.8477	2276.464	3826.091	2524.864	3996.879
13.8737	2295.068	3869.111	2542.019	3975.19
13.8997	2265.311	3778.489	2567.115	3976.164
13.9257	2280.816	3710.21	2587.059	3943.638
13.9517	2201.496	3721.321	2557.649	4007.703
13.9777	2194.025	3756.533	2561.916	4083.959
14.0037	2237.599	3779.401	2549.885	4054.019

14.0297	2199.355	3791.468	2545.62	3997.152
14.0557	2157.324	3844.951	2538.648	3952.572
14.0817	2199.174	3820.158	2552.524	3965.69
14.1077	2220.749	3785.506	2542.879	4068.916
14.1337	2186.068	3734.72	2483.24	4178.382
14.1597	2179.581	3764.352	2517.808	4149.523
14.1857	2139.237	3769.94	2586.923	4058.134
14.2117	2102.263	3670.35	2557.637	4026.15
14.2377	2160.236	3747.696	2505.747	4002.807
14.2637	2181.199	3794.219	2495.323	4041.522
14.2897	2159.19	3789.302	2527.992	4125.31
14.3157	2218.99	3826.444	2536.279	4159.987
14.3417	2241.348	3810.581	2481.366	4121.264
14.3677	2187.449	3815.174	2462.153	4094.653
14.3937	2157.967	3784.328	2455.926	4114.958
14.4197	2138.286	3744.044	2476.733	4058.735
14.4457	2163.847	3674.267	2450.428	4073.114
14.4717	2180.443	3672.967	2424.088	4115.59
14.4977	2132.054	3713.567	2520.026	4101.056
14.5237	2149	3686.577	2528.104	4057.474
14.5497	2127.3	3660.946	2476.074	4058.904
14.5757	2052.708	3729.725	2450.972	4013.651
14.6017	2056.48	3725.451	2451.808	4011.307
14.6277	2097.59	3701.865	2438.191	4001.096
14.6537	2086.781	3643.448	2437.639	4012.506
14.6797	2108.167	3706.005	2395.707	4009.235
14.7057	2030.99	3704.565	2405.495	3906.011
14.7317	2039.156	3586.664	2404.086	3983.476
14.7577	2049.258	3622.616	2399.537	4046.331
14.7837	2058.308	3724.694	2382.387	4061.464
14.8097	2032.778	3693.15	2327.079	3981.004
14.8357	2030.511	3711.335	2439.534	4034.867
14.8617	2041.902	3639.212	2417.677	3930.959
14.8877	2111.131	3743.476	2459.327	4036.032
14.9137	2055.381	3735.005	2381.334	4003.483
14.9397	1991.774	3589.807	2326.742	3965.919
14.9657	2036.423	3670.202	2374.795	3998.392
14.9917	1961.62	3668.505	2366.461	4018.875
15.0177	1961.08	3696.138	2266.72	3989.804
15.0437	1974.84	3696.981	2289.549	3960.23
15.0697	2014.639	3605.158	2361.79	3968.957
15.0957	1991.295	3603.768	2249.009	3925.994
15.1217	1964.609	3694.716	2302.103	3905.461
15.1477	1991.703	3592.009	2321.124	3992.691

15.1737	1952.991	3531.037	2352.49	4011.24
15.1997	2022.686	3520.465	2287.75	3917.006
15.2257	1992.28	3499.641	2318.963	3919.154
15.2517	1960.812	3570.084	2260.349	3993.237
15.2777	1977.467	3587.772	2307.631	3839.201
15.3037	1955.754	3545.622	2342.914	3995.763
15.3297	1903.651	3479.381	2269.206	3920.003
15.3557	1961.018	3545.982	2359.959	3812.968
15.3817	1978.155	3525.934	2267.64	3835.059
15.4077	1935.715	3498.887	2303.017	3928.695
15.4337	1955.673	3433.867	2209.979	3885.229
15.4597	1848.27	3473.652	2210.213	3758.483
15.4857	1872.109	3443.088	2316.946	3888.98
15.5117	1954.285	3509.423	2276.353	3874.129
15.5377	2004.073	3449.149	2223.001	3904.426
15.5637	1879.671	3461.602	2237.545	3753.439
15.5897	1937.544	3531.237	2203.382	3819.198
15.6157	1880.995	3369.356	2257.199	3799.159
15.6417	1895.894	3398.671	2276.01	3743.377
15.6677	1838.293	3474.617	2215.498	3753.046
15.6937	1904.067	3293.77	2261.706	3814.848
15.7197	1866.224	3407.505	2297.92	3811.792
15.7457	1829.525	3461.496	2186.435	3767.7
15.7717	1950.011	3406.225	2199.873	3796.01
15.7977	1866.189	3363.71	2250.641	3693.249
15.8237	1812.873	3341.554	2230.83	3659.809
15.8497	1893.24	3455.424	2154.559	3782.048
15.8757	1799.588	3381.08	2176.247	3738.917
15.9017	1829.026	3392.804	2201.379	3779.396
15.9277	1807.193	3353.038	2229.146	3624.139
15.9537	1841.313	3465.761	2234	3647.767
15.9797	1842.685	3391.214	2191.735	3729.9
16.0057	1751.882	3326.251	2243.821	3697.025
16.0317	1831.497	3358.026	2193.979	3696.894
16.0577	1816.5	3416.764	2189.528	3732.104
16.0837	1848.294	3374.337	2120.329	3798.982
16.1097	1758.735	3390.053	2132.58	3672.523
16.1357	1797.053	3357.818	2152.792	3622.727
16.1617	1797.7	3361.84	2111.4	3712.43
16.1877	1806.868	3311.528	2095.267	3680.927
16.2137	1797.083	3390.841	2122.493	3678.981
16.2397	1781.01	3331.242	2140.849	3768.346
16.2657	1842.439	3296.222	2145.407	3704.601
16.2917	1799.241	3292.45	2125.882	3628.62

16.3177	1809.028	3292.051	2069.818	3634.882
16.3437	1854.955	3263.35	2094.497	3616.697
16.3697	1883.271	3290.165	2143.558	3601.008
16.3957	1897.54	3316.232	2118.412	3604.578
16.4217	1889.406	3279.709	2096.068	3659.817
16.4477	1842.412	3204.728	2113.391	3654.12
16.4737	1783.417	3220.82	2124.624	3602.163
16.4997	1750.328	3336.236	2115.785	3611.26
16.5257	1753.88	3312.426	2144.452	3580.042
16.5517	1742.571	3316.288	2120.035	3591.398
16.5777	1704.279	3296.712	2088	3616.323
16.6037	1727.95	3245.656	2055.82	3637.71
16.6297	1778.201	3251.554	2080.567	3641.882
16.6557	1719.766	3269.767	2098.582	3667.617
16.6817	1678.981	3287.988	2053.576	3726.969
16.7077	1715.399	3299.605	1995.297	3639.123
16.7337	1670.47	3299.95	2006.428	3549.401
16.7597	1670.693	3297.455	2054.848	3552.364
16.7857	1696.204	3270.235	2071.557	3605.087
16.8117	1697.221	3244.01	2094.335	3685.764
16.8377	1702.733	3226.983	2063.465	3651.787
16.8637	1688.886	3184.327	2020.558	3597.082
16.8897	1662.898	3235.602	2036.052	3608.328
16.9157	1651.713	3290.098	2019.765	3625.579
16.9417	1669.717	3259.37	1980.859	3663.5
16.9677	1622.828	3279.05	1995.323	3613.181
16.9937	1615.033	3268.522	1999.638	3597.183
17.0197	1662.122	3256.902	1978.874	3646.032
17.0457	1680.573	3248.107	2060.935	3605.687
17.0717	1620.771	3270.091	2089.246	3642.316
17.0977	1582.534	3319.427	1983.546	3615.623
17.1237	1624.415	3302.968	1927.01	3653.386
17.1497	1635.477	3259.063	1963.867	3638.488
17.1757	1636.105	3139.556	1992.629	3617.254
17.2017	1668.386	3237.676	1957.818	3631.221
17.2277	1643.742	3286.654	1958.444	3642.652
17.2537	1595.226	3261.792	1932.902	3673.728
17.2797	1590.8	3231.2	1966.5	3632.351
17.3057	1579.779	3277.19	1958.27	3674.233
17.3317	1616.83	3293.643	1995.795	3607.095
17.3577	1559.31	3285.239	2016.705	3602.067
17.3837	1502.957	3331.09	1999.367	3618.734
17.4097	1550.813	3295.46	1978.614	3595.656
17.4357	1568.057	3284.8	1992.657	3687.686

17.4617	1568.519	3302.361	1959.719	3655.494
17.4877	1619.61	3330.746	1954	3671.475
17.5137	1567.539	3312.823	1919.914	3686.395
17.5397	1535.875	3341.693	1967.655	3607.921
17.5657	1591.285	3307.641	2004.962	3691.662
17.5917	1531.018	3329.838	1987.365	3610.048
17.6177	1578.299	3312.871	1940.633	3619.525
17.6437	1526.821	3299.266	1968.757	3706.18
17.6697	1566.692	3314.468	1933.049	3609.595
17.6957	1589.106	3301.475	1982.686	3683.948
17.7217	1598.421	3342.381	2040.873	3732.839
17.7477	1526	3303.845	1932.87	3788.988
17.7737	1520.874	3396.826	1986.357	3718.357
17.7997	1484.936	3312.227	2004.414	3742.916
17.8257	1480.141	3306.473	1917.892	3711.282
17.8517	1512.395	3370.853	1910.015	3765.558
17.8777	1559.854	3393.462	1853.342	3784.046
17.9037	1450.419	3363.047	1930.963	3725.461
17.9297	1514.275	3424.325	1954.412	3643.518
17.9557	1517.765	3297.05	1956.889	3729.3
17.9817	1514.049	3356.733	1909.146	3688.146
18.0077	1513.835	3261.808	1950.184	3729.068
18.0337	1485.55	3453.814	1933.326	3706.318
18.0597	1502.556	3414.361	2042.644	3716.829
18.0857	1428.091	3432.455	1921.645	3708.59
18.1117	1437.992	3373.051	1991.94	3772.945
18.1377	1468.666	3461.042	1888.13	3682.98
18.1637	1563.993	3368.965	1897.772	3821.063
18.1897	1476.816	3441.643	1961.98	3874.408
18.2157	1516.217	3408.5	1794.174	3779.094
18.2417	1479.069	3366.17	1947.473	3770.252
18.2677	1436.596	3348.966	1932.509	3855.506
18.2937	1508.376	3451.197	1873.359	3926.079
18.3197	1472.61	3382.658	1924.187	3775.557
18.3457	1453.532	3508.839	1876.228	3822.051
18.3717	1482.598	3521.1	1888.099	3821.701
18.3977	1427.259	3452.469	1879.32	3938.482
18.4237	1421.76	3357.751	1927.285	3829.787
18.4497	1453.326	3376.456	1904.414	3860.859
18.4757	1463.162	3406.807	1895.699	3822.407
18.5017	1519.271	3473.074	1890.748	3793.742
18.5277	1526.479	3401.641	1830.332	3890.008
18.5537	1462.884	3399.288	1899.556	3858.341
18.5797	1394.202	3340.458	1901.23	3884.105

18.6057	1411.994	3387.798	1874.492	3880.651
18.6317	1448.626	3416.413	1922.648	3825.153
18.6577	1426.741	3381.251	1902.787	3823.071
18.6837	1386.204	3464.704	1867.451	3879.88
18.7097	1419.402	3497.168	1842.268	3941.257
18.7357	1435.805	3505.088	1867.441	3952.717
18.7617	1421.978	3458.179	1855.218	3931.72
18.7877	1384.388	3469.424	1898.4	3870.153
18.8137	1441.007	3524.338	1925.506	3950.451
18.8397	1388.817	3491.949	1943.427	3953.097
18.8657	1368.248	3470.154	1876.436	3998.336
18.8917	1411.283	3523.716	1872.254	3925.896
18.9177	1456.354	3542.159	1907.896	3928.569
18.9437	1413.787	3458.884	1898.551	3950.045
18.9697	1393.374	3523.774	1893.702	4022.203
18.9957	1381.44	3536.939	1856.954	4129.798
19.0217	1407.246	3496.488	1836.348	4142.881
19.0477	1391.618	3506.827	1874.517	4085.705
19.0737	1373.632	3550.602	1921.913	4040.143
19.0997	1416.926	3596.995	1878.522	4037.954
19.1257	1351.172	3555.842	1852.795	3998.698
19.1517	1365.272	3557.545	1850.568	4057.931
19.1777	1357.912	3594.847	1832.561	4029.518
19.2037	1354.945	3651.923	1807.11	4064.935
19.2297	1359.39	3647.498	1855.112	4167.35
19.2557	1365.378	3557.804	1896.625	4154.745
19.2817	1378.131	3530.896	1850.893	4146.001
19.3077	1390.739	3561.654	1822.513	4127.18
19.3337	1373.63	3633.675	1840.255	4216.882
19.3597	1356.935	3693.32	1796.097	4297.947
19.3857	1348.046	3612.283	1822.432	4229.32
19.4117	1325.97	3607.475	1827.592	4223.231
19.4377	1350.094	3623.36	1793.546	4268.397
19.4637	1400.294	3581.261	1844.878	4198.205
19.4897	1374.672	3622.931	1838.443	4208.709
19.5157	1344.241	3659.291	1843.825	4292.612
19.5417	1355.037	3693.324	1881.64	4264.466
19.5677	1348.088	3720.54	1859.599	4319.761
19.5937	1362.434	3721.762	1839.637	4376.922
19.6197	1344.782	3741.504	1862.676	4347.763
19.6457	1338.618	3740.385	1864.554	4365.583
19.6717	1340.367	3688.884	1855.98	4391.731
19.6977	1326.846	3748.874	1890.302	4409.361
19.7237	1363.536	3804.105	1865.442	4493.317

19.7497	1352.534	3771.763	1828.329	4567.351
19.7757	1329.636	3773.56	1854.63	4537.484
19.8017	1307.393	3743.119	1866.481	4482.086
19.8277	1282.116	3711.496	1871.014	4580.742
19.8537	1298.635	3866.473	1828.05	4673.632
19.8797	1268.916	3929.423	1845.4	4642.24
19.9057	1259.121	3866.653	1823.807	4649.162
19.9317	1282.046	3860.787	1832.035	4675.977
19.9577	1287.232	3918.791	1823.502	4620.546
19.9837	1300.939	4002.65	1882.648	4679.726
20.0097	1353.146	3962.139	1922.656	4727.531
20.0357	1363.523	4033.842	1878.132	4612.894
20.0617	1326.996	4091.586	1832.18	4650.115
20.0877	1288.02	4060.873	1846.257	4620.198
20.1137	1283.589	4067.63	1808.646	4607.636
20.1397	1284.18	4153.477	1821.207	4672.657
20.1657	1294.895	4173.841	1832.652	4703.521
20.1917	1272.697	4232.814	1792.215	4680.568
20.2177	1276.641	4259.601	1818.527	4549.109
20.2437	1245.317	4123.937	1811.399	4618.56
20.2697	1292.717	4181.258	1867.586	4544.81
20.2957	1282.166	4332.805	1809.527	4583.018
20.3217	1287.673	4374.601	1797.592	4688.284
20.3477	1309.062	4438.936	1851.354	4563.895
20.3737	1279.884	4277.795	1833.942	4495.718
20.3997	1237.85	4409.118	1858.874	4521.316
20.4257	1227.491	4393.83	1847.321	4570.991
20.4517	1313.62	4324.212	1769.609	4503.419
20.4777	1297.477	4328.502	1805.1	4460.317
20.5037	1253.878	4356.833	1844.369	4568.233
20.5297	1240.778	4401.66	1757.43	4492.798
20.5557	1227.063	4330.051	1815.519	4577.592
20.5817	1241.717	4406.654	1874.138	4609.42
20.6077	1238.865	4502.399	1797.662	4532.72
20.6337	1274.872	4528.211	1893.734	4529.569
20.6597	1218.866	4453.34	1913.375	4598.821
20.6857	1214.506	4392.798	1924.675	4666.415
20.7117	1244.27	4381.409	1789.291	4747.642
20.7377	1282.883	4439.823	1830.874	4553.587
20.7637	1199.098	4326.486	1804.349	4665.527
20.7897	1234.155	4403.173	1864.584	4567.33
20.8157	1273.69	4286.03	1803.13	4701.381
20.8417	1227.134	4348.055	1820.146	4673.451
20.8677	1283.738	4367.106	1932.792	4647.368

20.8937	1225.127	4400.812	1851.815	4797.87
20.9197	1256.247	4499.465	1879.392	4756.057
20.9457	1214.036	4322.557	1867.318	4699.695
20.9717	1280.801	4199.799	1815.169	4657.784
20.9977	1280.818	4348.805	1864.765	4733.005
21.0237	1267.57	4387.421	1858.57	4821.02
21.0497	1191.375	4276.746	1864.024	4667.704
21.0757	1217.457	4216.731	1820.731	4698.817
21.1017	1195.541	4313.829	1878.357	4749.047
21.1277	1213.052	4261.45	1826.235	4718.681
21.1537	1225.383	4402.399	1866.133	4623.146
21.1797	1313.146	4292.841	1905.82	4711.197
21.2057	1253.252	4293.463	1848.983	4735.455
21.2317	1198.81	4259.576	1811.554	4804.721
21.2577	1237.914	4337.842	1828.36	4664.482
21.2837	1262.618	4460.157	1847.407	4693.611
21.3097	1255.098	4339.044	1909.404	4817.905
21.3357	1179.734	4314.682	1914.468	4833.393
21.3617	1208.085	4313.929	1924.66	4839.624
21.3877	1229.243	4381.652	1857.101	4939.614
21.4137	1199.222	4311.883	1878.82	4854.495
21.4397	1192.375	4394.927	1805.32	4856.017
21.4657	1220.61	4427.932	1879.877	4874.877
21.4917	1216.815	4437.476	1843.982	4865.361
21.5177	1201.209	4423.419	1850.464	4912.751
21.5437	1210.788	4450.16	1883.546	4935.689
21.5697	1183.705	4456.487	1929.731	5055.591
21.5957	1234.287	4518.957	1924.565	5143.47
21.6217	1257.765	4579.705	1925.533	5195.281
21.6477	1291.334	4611.543	1865.078	5214
21.6737	1278.091	4674.743	1859.071	5258.146
21.6997	1248.922	4857.431	1967.963	5209.934
21.7257	1254.159	5002.176	1995.962	5334.389
21.7517	1292.722	5110.424	1996.471	5570.598
21.7777	1288.996	5343.435	2008.8	5649.399
21.8037	1254.704	5518.347	2056.035	5766.579
21.8297	1242.58	5585.335	2112.952	5907.866
21.8557	1225.89	5743.742	2203.434	6085.883
21.8817	1251.669	5914.932	2231.1	6295.481
21.9077	1244.566	5908.995	2211.101	6367.44
21.9337	1190.755	5813.51	2197.404	6310.429
21.9597	1181.083	5742.691	2170.672	6256.203
21.9857	1240.511	5636.89	2153.313	6189.323
22.0117	1221.105	5505.746	2127.546	6112.438

22.0377	1188.554	5312.257	2057.913	6040.918
22.0637	1207.217	5102.846	2009	5795.667
22.0897	1219.052	5046.242	2006.595	5550.516
22.1157	1238.404	4950.633	2011.538	5487.328
22.1417	1252.215	4788.638	2000.63	5388.286
22.1677	1244.959	4812.471	1974.841	5308.672
22.1937	1229.833	4840.54	1955.553	5355.957
22.2197	1241.017	4788.609	1976.555	5381.134
22.2457	1224.009	4825.927	1982.791	5337.512
22.2717	1210.716	4896.634	1962.863	5294.305
22.2977	1182.828	4922.532	2010.532	5322.865
22.3237	1199.66	4874.887	1989.526	5335.734
22.3497	1225.273	4856.946	1987.364	5199.218
22.3757	1242.19	4901.992	1981.322	5213.264
22.4017	1220.675	4912.349	1977.883	5240.729
22.4277	1208.112	4826.671	1980.46	5216.97
22.4537	1218.158	4756.529	1982.075	5261.923
22.4797	1220.034	4831.299	1956.768	5293.044
22.5057	1217.726	4864.892	2073.407	5262.81
22.5317	1236.883	4858.889	2006.447	5257.124
22.5577	1229.059	4763.922	1968.678	5293.64
22.5837	1268.483	4772.382	1981.932	5333.04
22.6097	1204.217	4921.935	1958.304	5303.977
22.6357	1230.913	4929.365	1982.631	5360.282
22.6617	1200.903	4899.541	2058.212	5263.742
22.6877	1283.517	4864.151	2055.747	5337.358
22.7137	1290.429	4883.424	2061.559	5277.652
22.7397	1281.225	5008.924	2086.194	5261.587
22.7657	1243.622	4926.555	2104.461	5409.448
22.7917	1302.869	4836.149	2123.837	5307.229
22.8177	1292.765	4885.877	2130.481	5298.219
22.8437	1285.353	4930.322	2116.851	5327.742
22.8697	1287.516	5028.298	2170.347	5412.846
22.8957	1271.48	4988.97	2115.735	5348.999
22.9217	1275.214	4994.926	2139.536	5416.918
22.9477	1315.756	5131.41	2220.69	5363.21
22.9737	1366.874	5057.099	2215.631	5440.885
22.9997	1375.573	5141.744	2150.734	5465.051
23.0257	1332.022	5051.177	2283.638	5432.257
23.0517	1413.759	5205.329	2280.152	5415.152
23.0777	1448.824	5241.6	2327.376	5341.928
23.1037	1490.063	5275.195	2330.843	5500.202
23.1297	1412.668	5381.822	2428.034	5454.084
23.1557	1509.969	5373.528	2565.829	5475.488

23.1817	1557.804	5444.855	2656.852	5736.659
23.2077	1715.707	5669.212	2749.94	5827.049
23.2337	1732.713	5814.223	2897.382	5965.577
23.2597	1833.516	5873.122	3101.591	5939.836
23.2857	1827.263	6190.376	3182.124	6082.41
23.3117	2117.307	6450.143	3506.396	6379.189
23.3377	2272.802	6931.091	3669.067	6594.7
23.3637	2439.135	7364.745	4097.771	6947.167
23.3897	2595.619	7943.184	4513.671	7419.797
23.4157	3047.479	8774.907	4930.478	7856.978
23.4417	3403.536	9301.705	5314.488	8491.445
23.4677	3834.361	10065.98	5893.457	8995.402
23.4937	4246.275	10463.97	6134.57	9255.255
23.5197	4914.37	10706.67	6503.356	9516.859
23.5457	5330.084	10610.03	6570.568	9714.452
23.5717	5645.628	10027	6261.823	9317.037
23.5977	6102.137	9353.697	5992.123	8917.685
23.6237	6378.968	8450.691	5329.312	8300.528
23.6497	6158.888	7686.948	4775.833	7678.547
23.6757	5888.787	7126.325	4309.388	7269.823
23.7017	5269.677	6639.923	3845.911	6615.031
23.7277	4653.453	6174.42	3580.998	6394.321
23.7537	3999.86	5875.191	3263.584	6117.503
23.7797	3509.888	5814.606	3180.228	5946.422
23.8057	3059.744	5521.839	3044.291	5753.461
23.8317	2690.415	5474.876	2897.827	5579.237
23.8577	2354.074	5323.991	2833.909	5509.296
23.8837	2199.006	5243.198	2778.012	5346.294
23.9097	2054.882	5233.573	2710.946	5360.481
23.9357	1881.442	5191.289	2637.758	5313.652
23.9617	1758.203	5158.301	2552.003	5354.265
23.9877	1765.539	5008.224	2562.025	5343.245
24.0137	1674.436	5040.413	2634.731	5338.481
24.0397	1646.632	4993.313	2605.893	5251.575
24.0657	1572.67	5105.121	2606.901	5282.518
24.0917	1560.492	5060.201	2577.432	5175.501
24.1177	1566.293	5103.317	2509.967	5172.083
24.1437	1508.134	5082.62	2546.563	5250.563
24.1697	1469.255	5030.135	2609.112	5178.409
24.1957	1479.934	5084.057	2617.195	5201.734
24.2217	1451.292	5048.591	2606.326	5259.362
24.2477	1502.694	5050.505	2616.15	5227.29
24.2737	1513.745	4986.758	2640.484	5298.546
24.2997	1568.866	4921.595	2652.551	5242.875

24.3257	1550.249	4985.955	2675.97	5158.774
24.3517	1525.267	5052.623	2682.204	5091.251
24.3777	1518.235	5021.625	2705.355	5133.985
24.4037	1534.516	5056.982	2758.878	5178.814
24.4297	1557.468	5021.791	2745.366	5138.366
24.4557	1562	4968.156	2739.234	5146.687
24.4817	1555.182	5007.637	2725.59	5174.273
24.5077	1542.743	5071.613	2731.914	5118.498
24.5337	1556.741	5051.842	2809.932	5149.769
24.5597	1614.997	5008.693	2824.771	5190.925
24.5857	1654.171	4970.647	2773.16	5235.421
24.6117	1715.081	4960.743	2809.081	5271.775
24.6377	1714.065	5081.732	2919.461	5197.048
24.6637	1688.929	5188.977	2925.623	5132.028
24.6897	1701.358	5094.371	2869.668	5210.942
24.7157	1659.619	5038.678	2895.523	5209.222
24.7417	1638.566	5135.394	2975.614	5143.456
24.7677	1652.427	5177.705	3013.065	5185.623
24.7937	1685.6	5177.246	3001.246	5194.779
24.8197	1727.102	5169.02	3014.541	5193.506
24.8457	1680.759	5154.571	3048.176	5150.102
24.8717	1642.258	5203.904	3064.935	5165.646
24.8977	1704.551	5189.066	3032.575	5214.985
24.9237	1701.216	5135.917	3072.319	5139.46
24.9497	1695.246	5234.494	3137.326	5097.726
24.9757	1742.957	5249.882	3107.679	5136.091
25.0017	1804.378	5254.051	3165.378	5191.168
25.0277	1748.002	5237.183	3181.327	5297.252
25.0537	1641.187	5255.312	3162.598	5193.417
25.0797	1739.239	5186.879	3208.698	5134.757
25.1057	1754.749	5215.921	3275.69	5221.876
25.1317	1756.248	5189.742	3274.201	5225.74
25.1577	1785.073	5142.809	3276.347	5264.198
25.1837	1788.825	5201.064	3292.125	5138.309
25.2097	1837.966	5146.36	3362.292	5182.939
25.2357	1793.893	5167.191	3399.864	5210.114
25.2617	1755.411	5075.67	3412.571	5125.45
25.2877	1791.891	5213.436	3356.77	5132.702
25.3137	1842.218	5220.782	3392.749	5231.243
25.3397	1826.261	5242.277	3434.855	5210.962
25.3657	1886.538	5204.54	3545.532	5185.465
25.3917	1883.895	5210.629	3502.881	5223.907
25.4177	1877.89	5205.4	3626.919	5208.358
25.4437	1872.614	5301.749	3547.438	5187.783

25.4697	1871.34	5115.338	3428.867	5173.089
25.4957	1824.718	5126.437	3483.588	5165.362
25.5217	1855.158	5166.075	3674.63	5176.079
25.5477	1932.51	5223.992	3672.035	5230.006
25.5737	1891.783	5163.115	3689.365	5255.344
25.5997	1967.019	5236.638	3676.784	5121.993
25.6257	1950.788	5096.657	3720.447	5216.763
25.6517	1926.286	5075.91	3685.561	5223.174
25.6777	1954.024	5135.571	3620.995	5358.676
25.7037	1979.584	5145.612	3758.093	5225.583
25.7297	1934.307	5065.215	3713.905	5250.373
25.7557	2049.772	5185.594	3795.198	5089.686
25.7817	2083.783	5293.433	3822.567	5031.47
25.8077	1982.662	5294.96	3717.232	5190.322
25.8337	2052.948	5230.448	3769.604	5160.926
25.8597	2052.931	5164.858	3836.058	5086.069
25.8857	2075.328	5141.721	3860.292	5069.405
25.9117	2114.326	5221.18	3867.225	5201.921
25.9377	2084.335	5141.486	3790.414	5241.385
25.9637	2032.375	5101.073	3823.184	5192.725
25.9897	2173.956	5128.796	3892.489	5088.767
26.0157	2032.497	5057.257	3828.137	5202.985
26.0417	2104.91	5141.611	3971.955	5104.796
26.0677	2201.367	5184.443	3921.113	5095.26
26.0937	2040.129	5163.128	4017.16	5016.853
26.1197	2067.837	5172.374	3930.521	4983.764
26.1457	2168.916	5053.555	3907.27	5144.371
26.1717	2056.902	5141.017	3975.243	5103.375
26.1977	2134.679	4980.036	3939.901	5057.901
26.2237	2070.728	5145.583	3855.598	5044.966
26.2497	2130.904	4996.133	3976.554	5054.722
26.2757	2134.582	5070.54	4028.226	5116.082
26.3017	2107.791	4977.291	3997.181	4963.252
26.3277	2084.135	5061.327	4037.777	5009.961
26.3537	2188.577	5080.415	4065.491	5028.684
26.3797	2163.963	4985.643	4105.286	4919.454
26.4057	2171.011	5082.25	4011.927	5009.08
26.4317	2108.902	5103.352	3982.936	4916.461
26.4577	2138.961	5041.943	4071.365	4927.82
26.4837	2113.616	5052.125	3985.045	5046.976
26.5097	2120.885	5055.617	3981.239	5046.201
26.5357	2120.294	5033.039	3922.685	5029.588
26.5617	2100.414	4989.828	3927.458	4990.603
26.5877	2109.525	4966.768	3955.406	5033.514

26.6137	2120.791	5108.631	4075.185	5083.955
26.6397	2146.084	5051.75	4006.261	5238.716
26.6657	2200.287	5026.286	3947.224	5138.852
26.6917	2182.935	5128.572	4010.03	5129.937
26.7177	2147.839	4985.137	3979.81	5019.752
26.7437	2198.921	4887.622	3949.951	5004.248
26.7697	2187.163	4957.624	3965.071	4966.873
26.7957	2110.025	5000.536	4028.494	4919.336
26.8217	2123.186	4834.528	3882.503	4922.854
26.8477	2096.432	4711.754	3906.442	4910.707
26.8737	2090.694	4689.689	3929.854	4764.034
26.8997	2074.183	4746.442	3858.494	4704.908
26.9257	2094.317	4763.384	3887.737	4680.225
26.9517	2063.329	4707.456	3842.552	4626.968
26.9777	2044.082	4693.16	3788.228	4623.238
27.0037	2121.265	4744.401	3763.405	4610.982
27.0297	2138.401	4660.584	3816.135	4666.901
27.0557	2095.565	4594.96	3763.157	4679.261
27.0817	2099.735	4582.993	3761.388	4608.499
27.1077	2061.226	4543.528	3872.132	4520.66
27.1337	2053.367	4552.918	3881.74	4490.122
27.1597	2025.927	4519.742	3762.97	4467.867
27.1857	2023.366	4459.057	3715.277	4519.223
27.2117	2069.474	4518.057	3656.416	4499.678
27.2377	2047.014	4487.494	3600.559	4396.695
27.2637	1996.727	4428.884	3614.974	4447.457
27.2897	1961.599	4470.415	3634.85	4439.057
27.3157	1965.007	4428.981	3621.474	4362.84
27.3417	2020.709	4379.151	3594.965	4363.279
27.3677	2019.453	4399.137	3582.726	4381.275
27.3937	1932.707	4344.923	3593.836	4409
27.4197	1886.447	4303.334	3564.462	4378.159
27.4457	1857.718	4344.133	3482.363	4384.142
27.4717	1861.004	4245.585	3465.393	4377.358
27.4977	1901.815	4190.833	3453.039	4223.161
27.5237	1892.589	4257.192	3492.556	4191.758
27.5497	1916.345	4212.874	3478.669	4264.543
27.5757	1894.905	4157.256	3462.613	4266.482
27.6017	1843.265	4132.619	3462	4279.851
27.6277	1816.857	4158.446	3448.399	4198.767
27.6537	1789.322	4081.116	3417.847	4181.007
27.6797	1842.042	4074.386	3382.049	4144.097
27.7057	1832.312	4110.514	3331.23	4067.459
27.7317	1770.819	4078.819	3288.456	4040.421

27.7577	1795.882	4050.143	3278.108	3985.158
27.7837	1879.218	4013.905	3317.852	4054.678
27.8097	1851.721	4004.149	3183.211	3998.379
27.8357	1806.532	4039.672	3170.93	3916.877
27.8617	1721.514	3948.596	3144.043	3890.349
27.8877	1739.658	3863.76	3135.93	3951.987
27.9137	1736.775	3867.817	3148.268	4041.875
27.9397	1733.035	3804.51	3108.982	3956.68
27.9657	1716.67	3895.027	3109.888	3864.046
27.9917	1723.143	3797.345	3078.74	3878.837
28.0177	1714.312	3808.281	3067.563	3946.657
28.0437	1660.855	3809.619	3077.843	3932.233
28.0697	1642.93	3830.588	3024.42	3780.365
28.0957	1691.976	3692	3000.361	3810.347
28.1217	1675.061	3679.107	2962.402	3832.761
28.1477	1660.89	3627.443	2977.493	3828.687
28.1737	1680	3666.548	2964.332	3741.833
28.1997	1664.174	3653.573	2901.431	3839.434
28.2257	1591.701	3514.011	2858.564	3866.666
28.2517	1690.255	3583.942	2826.812	3890.18
28.2777	1624.575	3594.251	2826.807	3733.825
28.3037	1685.496	3571.917	2741.385	3746.873
28.3297	1782.514	3555.897	2791.057	3632.274
28.3557	1775.574	3567.86	2897.353	3718.042
28.3817	2112.008	3606.84	2690.076	3822.095
28.4077	2068.867	3596.959	2713.231	3724.287
28.4337	2128.601	3487.24	2704.92	3636.08
28.4597	2436.601	3441.847	2730.292	3651.848
28.4857	1857.149	3406.221	2640.317	3627.872
28.5117	1787.398	3527.735	2628.414	3575.095
28.5377	1731.328	3421.355	2766.994	3514.63
28.5637	1506.551	3342.405	2622.333	3543.774
28.5897	1558.976	3380.946	2653.975	3426.99
28.6157	1507.492	3267.087	2601.501	3406.199
28.6417	1478.562	3396.423	2649.051	3501.121
28.6677	1491.59	3387.352	2569.432	3398.164
28.6937	1465.098	3321.667	2470.922	3404.608
28.7197	1444.032	3364.641	2557.332	3427.821
28.7457	1481.578	3274.788	2545.063	3397.008
28.7717	1510.999	3247.587	2464.864	3344.725
28.7977	1447.603	3286.528	2448.868	3473.637
28.8237	1443.822	3251.731	2524.538	3393.883
28.8497	1483.655	3155.172	2418.443	3381.395
28.8757	1439.869	3083.499	2365.89	3260.671

28.9017	1446.34	3176.48	2420.054	3293.596
28.9277	1398.326	3235.317	2391.398	3224.181
28.9537	1397.031	3129.998	2434.247	3214.723
28.9797	1427.807	3175.873	2413.896	3329.971
29.0057	1427.108	3180.266	2372.806	3244.786
29.0317	1445.963	3139.074	2420.066	3271.58
29.0577	1394.113	3213.187	2436.753	3269.494
29.0837	1403.111	3213.137	2459.923	3228.027
29.1097	1431.259	3227.447	2429.711	3206.168
29.1357	1414.821	3175.761	2519.221	3217.258
29.1617	1457.495	3204.802	2537.96	3257.762
29.1877	1500.346	3199.238	2478.853	3263.367
29.2137	1461.735	3260.323	2449.803	3281.821
29.2397	1467.315	3245.637	2497.916	3276.714
29.2657	1502.215	3253.305	2561.034	3291.562
29.2917	1561.082	3405.048	2566.012	3352.21
29.3177	1616.578	3439.934	2658.112	3387.898
29.3437	1602.491	3456.52	2794.068	3493.781
29.3697	1679.553	3547.525	2870.546	3480.587
29.3957	1764.116	3713.647	3061.298	3590.34
29.4217	1871.735	3985.765	3242.809	3732.321
29.4477	2013.628	4314.504	3427.626	3910.991
29.4737	2134.616	4785.406	3785.106	4266.79
29.4997	2337.563	5406.943	4251.756	4683.42
29.5257	2727.048	6137.245	4763.218	5291.438
29.5517	3161.271	7415.583	5460.942	6121.543
29.5777	4166.97	9106.313	6432.659	7114.45
29.6037	5145.419	10880.07	7797.218	8433.635
29.6297	5938.365	13274.67	9296.519	9852.575
29.6557	7569.478	15583.65	10977.73	11377.59
29.6817	9202.924	17324.05	12698.08	12825.62
29.7077	10290.89	18057.02	13600.87	13963.7
29.7337	12273.04	17312.97	13493.23	14230.91
29.7597	15240.52	15690.11	12714.43	13423.18
29.7857	16039.78	13547.01	11336.46	12079.61
29.8117	15451.29	11104.92	9649.71	10531.7
29.8377	14960.83	8818.256	8006.71	8717.749
29.8637	13138.66	6994.387	6521.442	7111.241
29.8897	10661.82	5751.768	5304.385	5881.75
29.9157	8563.721	4886.816	4483.33	4911.199
29.9417	6755.735	4283.27	3918.881	4285.323
29.9677	5312.8	3908.031	3502.37	3950.965
29.9937	4209.61	3619.329	3142.295	3699.398
30.0197	3490.633	3396.601	2894.36	3404.412

30.0457	2948.874	3225.16	2779.023	3236.96
30.0717	2508.411	3102.992	2595.377	3148.732
30.0977	2257.283	3064.425	2504.901	3117.1
30.1237	2001.121	2952.936	2389.084	3107.398
30.1497	1845.954	2813.231	2255.846	3041.461
30.1757	1725.551	2861.737	2196.108	2967.934
30.2017	1617.471	2831.043	2113.506	2934.047
30.2277	1515.836	2731.252	2119.284	2873.593
30.2537	1438.037	2695.898	2139.629	2825.309
30.2797	1420.422	2649.687	2073.356	2844.399
30.3057	1395.007	2718.721	2084.022	2862.566
30.3317	1333.608	2744.118	2086.216	2866.273
30.3577	1302.015	2652.705	2041.924	2854.538
30.3837	1254.893	2613.056	2010.157	2829.995
30.4097	1231.93	2659.635	2002.93	2732.116
30.4357	1253.376	2642.825	1989.154	2697.36
30.4617	1255.447	2601.548	1942.633	2704.55
30.4877	1272.461	2544.164	2049.118	2678.397
30.5137	1207.481	2552.68	2004.188	2718.143
30.5397	1185.794	2598.48	1997.602	2698.156
30.5657	1188.044	2476.029	1905.725	2702.275
30.5917	1187.512	2490.808	1875.552	2713.769
30.6177	1202.994	2534.441	1925.602	2609.967
30.6437	1189.942	2460.931	1919.848	2647.899
30.6697	1260.204	2503.775	1945.34	2647.532
30.6957	1145.935	2561.768	1965.542	2599.083
30.7217	1159.011	2522.616	1968.229	2625.945
30.7477	1146.708	2524.977	1917.177	2624.431
30.7737	1159.018	2487.843	1907.813	2655.493
30.7997	1199.916	2497.078	1851.817	2638.471
30.8257	1178.736	2422.886	1844.013	2636.438
30.8517	1175.727	2466.606	1959.177	2610.686
30.8777	1130.764	2514.142	1956.292	2608.126
30.9037	1135.178	2423.183	1972.47	2565.108
30.9297	1128.678	2403.505	1978.579	2593.099
30.9557	1130.487	2422.243	1995.221	2569.293
30.9817	1167.181	2476.583	1949.861	2572.263
31.0077	1122.827	2444.807	1935.902	2580.672
31.0337	1186.985	2484.849	1916.286	2647.051
31.0597	1119.388	2417.934	1988.942	2633.827
31.0857	1142.767	2475.051	1987.521	2623.284
31.1117	1156.86	2341.333	1973.857	2474.295
31.1377	1128.112	2449.203	1872.286	2582.017
31.1637	1132.272	2388.507	1986.345	2549.144

31.1897	1146.58	2470.008	2004.844	2611.049
31.2157	1096.086	2470.998	1986.032	2616.99
31.2417	1119.721	2466.058	2014.663	2610.081
31.2677	1110.215	2470.892	1965.098	2658.924
31.2937	1093.535	2417.73	1986.277	2573.799
31.3197	1187.904	2459.138	2033.014	2558.538
31.3457	1091.437	2469.538	2101.409	2576.974
31.3717	1195.838	2407.102	2018.632	2609.919
31.3977	1137.98	2489.384	1964.699	2671.447
31.4237	1139.433	2534.595	2005.109	2619.945
31.4497	1195.45	2577.088	2012.636	2557.732
31.4757	1147.054	2415.567	2001.312	2627.524
31.5017	1160.562	2437.013	2040.902	2584.428
31.5277	1116.4	2431.449	2046	2559.536
31.5537	1153.466	2496.938	2090.336	2585.688
31.5797	1214.142	2512.156	2090.984	2516.091
31.6057	1191.569	2495.161	2079.806	2537.13
31.6317	1159.134	2460.097	2043.578	2595.892
31.6577	1174.741	2455.659	2095.075	2575.303
31.6837	1144.572	2466.656	2076.671	2575.558
31.7097	1212.311	2523.256	2134.783	2634.495
31.7357	1177.209	2576.793	2171.597	2568.813
31.7617	1178.219	2530.914	2185.689	2530.831
31.7877	1252.202	2505.08	2120.918	2540.041
31.8137	1240.426	2476.587	2210.585	2475.461
31.8397	1243.163	2470.52	2220.955	2476.285
31.8657	1303.269	2452.244	2194.493	2617.296
31.8917	1339.768	2397.138	2225.017	2547.248
31.9177	1415.389	2426.747	2266.486	2590.267
31.9437	1386.963	2504.521	2199.907	2572.727
31.9697	1409.345	2487.498	2243.899	2497.865
31.9957	1425.599	2475.204	2366.485	2520.542
32.0217	1384.247	2493.577	2317.587	2547.598
32.0477	1337.406	2475.13	2315.444	2542.15
32.0737	1371.633	2517.341	2275.304	2598.379
32.0997	1341.462	2542.678	2291.945	2563.887
32.1257	1308.792	2534.188	2394.426	2600.661
32.1517	1302.153	2547.31	2394.045	2550.168
32.1777	1317.673	2497.668	2462.785	2514.886
32.2037	1320.545	2560.539	2454.252	2543.502
32.2297	1254.254	2593.101	2390.324	2589.013
32.2557	1288.374	2544.726	2396.854	2630.448
32.2817	1347.647	2563.039	2450.448	2600.82
32.3077	1374.774	2566.737	2418.842	2524.474

32.3337	1374.137	2505.411	2464.464	2550.452
32.3597	1369.741	2488.29	2497.419	2643.871
32.3857	1360.653	2542.386	2487.451	2629.578
32.4117	1354.419	2576.542	2528.72	2654.736
32.4377	1352.616	2549.338	2499.803	2608.798
32.4637	1388.764	2531.787	2490.065	2551.933
32.4897	1391.151	2567.703	2576.749	2609.118
32.5157	1380.101	2595.498	2601.388	2627.974
32.5417	1421.214	2602.877	2583.384	2632.338
32.5677	1398.517	2617.271	2638.753	2643.965
32.5937	1395.574	2614.079	2717.874	2624.685
32.6197	1440.613	2600.687	2695.349	2663.052
32.6457	1453.03	2586.233	2649.293	2693.267
32.6717	1463.803	2627.333	2679.181	2681.184
32.6977	1510.526	2691.374	2681.614	2694.246
32.7237	1584.96	2642.563	2670.537	2677.061
32.7497	1573.723	2569.484	2687.626	2717.716
32.7757	1585.85	2601.208	2719.895	2708.493
32.8017	1696.531	2674.353	2796.779	2672.85
32.8277	1880.803	2681.689	2822.4	2675.521
32.8537	2308.401	2704.55	2770.384	2738.886
32.8797	2621.153	2647.038	2862.266	2753.933
32.9057	2162.55	2594.315	2865.106	2687.738
32.9317	1947.619	2677.86	2865.203	2684.779
32.9577	2126.647	2793.676	2857.976	2715.977
32.9837	1974.188	2804.672	2814.45	2654.063
33.0097	1820.957	2761.45	2932.877	2733.328
33.0357	2009.031	2769.608	2979.358	2788.877
33.0617	2555.663	2766.593	2930.692	2743.986
33.0877	2910.052	2766.221	2935.622	2775.174
33.1137	2320.103	2772.821	2900.098	2763.548
33.1397	2072.415	2751.047	3005.831	2757.078
33.1657	2181.58	2827.425	2989.376	2730.934
33.1917	1952.747	2778.588	2996.307	2727.792
33.2177	1730.29	2670.172	3072.942	2765.075
33.2437	1657.585	2704.291	3024.532	2793.288
33.2697	1694.275	2778.119	3011.925	2760.916
33.2957	1663.84	2697.521	3018.271	2726.953
33.3217	1723.291	2796.171	3086.988	2811.156
33.3477	1655.541	2690.604	3022.721	2762.248
33.3737	1683.146	2742.437	3022.788	2793.933
33.3997	1690.747	2782.22	3135.373	2843.461
33.4257	1659.732	2774.731	3029.536	2788.873
33.4517	1682.3	2849.47	2982.37	2819.715

33.4777	1629.919	2765.237	3087.453	2865.789
33.5037	1643.15	2845.369	3172.866	2795.252
33.5297	1776.625	2793.641	3131.988	2814.832
33.5557	1716.946	2666.378	3188.89	2881.045
33.5817	1697.296	2833.024	3081.326	2744.726
33.6077	1749.736	2699.376	3048.965	2811.077
33.6337	1674.871	2787.716	3176.547	2738.058
33.6597	1712.559	2768.982	3166.013	2765.305
33.6857	1748.944	2733.185	3098.509	2960.98
33.7117	1750.518	2857.93	3152.644	2822.711
33.7377	1797.909	2916.885	3046.342	2776.972
33.7637	1662.426	2859.637	3190.441	2829.533
33.7897	1716.832	2845.664	3205.799	2811.04
33.8157	1768.183	2824.878	3132.018	2752.122
33.8417	1797.885	2805.077	3134.989	2771.923
33.8677	1733.894	2719.197	3209.954	2743.399
33.8937	1755.455	2662.35	3056.742	2794.745
33.9197	1751.168	2779.867	3224.052	2881.043
33.9457	1736.653	2765.827	3172.612	2797.917
33.9717	1730.321	2727.138	3112.26	2820.503
33.9977	1747.796	2744.669	3130.543	2779.852
34.0237	1732.319	2792.335	3207.99	2799.241
34.0497	1735.584	2689.653	3095.735	2808.334
34.0757	1720.583	2693.603	3198.358	2702.897
34.1017	1668.771	2726.393	3062.902	2760.168
34.1277	1735.736	2705.164	3089.464	2799.046
34.1537	1705.531	2706.386	3000.274	2703.888
34.1797	1677.454	2709.602	3047.702	2720.351
34.2057	1689.431	2655.993	3053.571	2644.418
34.2317	1701.321	2729.191	3031.817	2756.405
34.2577	1686.252	2609.178	2977.756	2732.943
34.2837	1692.102	2637.614	2982.067	2666.076
34.3097	1676.831	2643.277	2941.669	2708.777
34.3357	1687.538	2670.267	2935.231	2658.004
34.3617	1659.889	2634.721	2957.538	2690.065
34.3877	1626.003	2577.52	2911.006	2544.441
34.4137	1594.108	2615.562	2951.451	2608.569
34.4397	1623.862	2541.686	2939.354	2600.603
34.4657	1614.533	2536.983	2897.647	2638.272
34.4917	1600.519	2539.511	2898.222	2652.504
34.5177	1588.404	2586.72	2837.778	2587.778
34.5437	1601.75	2571.228	2833.935	2532.957
34.5697	1641.762	2515.181	2795.745	2518.845
34.5957	1587.7	2511.46	2821.213	2554.129

34.6217	1599.814	2449.945	2802.678	2513.819
34.6477	1541.946	2443.723	2735.357	2516.166
34.6737	1531.753	2449.25	2718.108	2538.18
34.6997	1478.802	2467.062	2693.582	2543
34.7257	1510.904	2468.436	2719.528	2552.223
34.7517	1527.129	2464	2663.432	2523.258
34.7777	1490.525	2370.073	2669.922	2526.725
34.8037	1530.984	2408.211	2633.467	2483.645
34.8297	1513.233	2460.762	2594.762	2504.863
34.8557	1446.667	2449.644	2575.115	2469.77
34.8817	1412.614	2357.904	2565.996	2443.978
34.9077	1466.882	2296.875	2573.894	2395.297
34.9337	1468.861	2308.486	2555.982	2403.41
34.9597	1440.709	2324.695	2473.368	2416.081
34.9857	1393.316	2328.44	2450.42	2373.938
35.0117	1396.774	2327.45	2493.986	2346.755
35.0377	1437.477	2264.391	2467.202	2354.033
35.0637	1402.204	2222.656	2421.583	2371.828
35.0897	1350.923	2275.631	2381.207	2393.637
35.1157	1361.479	2269.103	2358.16	2346.274
35.1417	1356.997	2223.5	2386.502	2277.499
35.1677	1314.296	2238.174	2367.3	2282.724
35.1937	1286.035	2224.747	2286.143	2258.584
35.2197	1279.995	2167.075	2286.266	2261.677
35.2457	1253.552	2163.399	2280.678	2312
35.2717	1246.233	2200.108	2262.494	2324.162
35.2977	1285.797	2216.167	2299.939	2280.852
35.3237	1257.165	2174.482	2258.054	2204.416
35.3497	1209.118	2143.074	2280.115	2214.882
35.3757	1198.215	2155.497	2298.175	2249.198
35.4017	1232.446	2091.971	2220.579	2208.471
35.4277	1221.046	2064.355	2180.764	2151.354
35.4537	1168.525	2057.81	2154.429	2176.76
35.4797	1188.095	2044.705	2148.51	2173.495
35.5057	1174.806	2048.836	2094.36	2216.442
35.5317	1188.888	2116.459	2100.097	2139.815
35.5577	1204.905	2102.57	2139.031	2118.952
35.5837	1184.408	2072.965	2102.402	2134.551
35.6097	1157.071	2062.82	2069.357	2139.605
35.6357	1167.642	2012.573	2016.29	2064.196
35.6617	1185.523	2018.271	1974.16	2089.668
35.6877	1122.54	2033.541	2008.415	2158.917
35.7137	1064.806	1994.873	1945.668	2133.222
35.7397	1094.02	1969.166	2007.087	2068.263

35.7657	1093.977	1936.287	1981.713	2027.406
35.7917	1135.22	2015.496	1908.3	2088.164
35.8177	1134.893	2010.369	1926.274	2082.143
35.8437	1197.554	1997.375	1916.339	2151.928
35.8697	1304	1977.778	1883.667	2100.222
35.8957	1439.837	1933.095	1867.341	2057.726
35.9217	1831.107	1956.655	1896.333	2062.917
35.9477	1961.931	1991.551	1881.506	2116.242
35.9737	1758.39	2049.865	1895.659	2157.016
35.9997	1613.796	2011.22	1838.023	2079.077
36.0257	1729.189	2070.369	1938.555	2117.393
36.0517	1486.96	2095.861	1930.988	2148.402
36.0777	1330.858	2077.429	1778.284	2194.572
36.1037	1267.15	2045.311	1885.36	2191.203
36.1297	1095.444	2092.016	1830.107	2176.898
36.1557	1115.251	2075.275	1837.774	2114.035
36.1817	1075.627	2002.301	1831.771	2127.834
36.2077	1048.38	2028.856	1797.424	2109.28
36.2337	984.5832	2004.418	1820.167	2108.668
36.2597	993.1283	1964.34	1814.229	2069.652
36.2857	1021.079	1952.763	1849.859	2040.825
36.3117	1034.965	1900.984	1771.912	2050.537
36.3377	996.3391	1833.533	1731.336	2007.611
36.3637	940.3253	1912.449	1653.528	2018.607
36.3897	1006.905	1951.836	1726.666	1950.642
36.4157	1002.252	1862.709	1752.892	1975.684
36.4417	949.2399	1841.91	1674.205	1882.452
36.4677	1009.635	1819.138	1725.689	1996.311
36.4937	986.3819	1749.13	1711.239	1889.734
36.5197	988.9225	1784.044	1643.783	1913.328
36.5457	999.6067	1785.964	1648.75	1867.716
36.5717	971.3704	1728.741	1657.589	1965.249
36.5977	937.8904	1798.719	1631.557	1926.558
36.6237	985.5273	1769.359	1604.769	1894.097
36.6497	917.8093	1779.019	1647.379	1947.473
36.6757	963.2194	1723.293	1606.183	1915.415
36.7017	957.1435	1790.377	1608.333	1907.477
36.7277	965.8427	1780.999	1626.896	1862.261
36.7537	925.4113	1785.194	1651.122	1823.375
36.7797	944.4984	1808.749	1586.629	1941.492
36.8057	933.2947	1745.393	1579.595	1881.148
36.8317	918.1735	1724.739	1639.857	1804.868
36.8577	957.4136	1777.091	1607.741	1844.711
36.8837	919.8963	1764.448	1544.038	1880.728

36.9097	957.2185	1787.236	1609.756	1911.585
36.9357	937.6453	1770.984	1612.138	1885.199
36.9617	935.0274	1749.085	1551.005	1878.806
36.9877	943.1601	1793.529	1562.458	1875.818
37.0137	948.9282	1794.215	1558.001	1870.286
37.0397	908.1111	1739.803	1605.422	1822.457
37.0657	971.0481	1693.602	1563.331	1861.84
37.0917	900.2715	1691.559	1558.85	1868.174
37.1177	886.411	1691.016	1586.871	1805.324
37.1437	918.4971	1670.863	1622.233	1857.131
37.1697	905.4906	1728.624	1601.504	1817.65
37.1957	911.3237	1788.093	1590.716	1790.851
37.2217	907.8186	1733.492	1580.406	1775.169
37.2477	914.4451	1691.77	1631.707	1834.456
37.2737	905.2716	1729.931	1544.8	1843.094
37.2997	926.0599	1723.617	1494.677	1825.882
37.3257	943.666	1645.676	1587.654	1782.672
37.3517	907.9142	1674.069	1555.202	1819.472
37.3777	898.9944	1691.772	1535.342	1801.142
37.4037	920.2834	1691.005	1580.114	1765.448
37.4297	940.2839	1719.449	1561.387	1802.628
37.4557	918.6197	1712.406	1561.211	1819.98
37.4817	885.2169	1670.469	1595.032	1797.396
37.5077	882.1654	1650.209	1620.54	1751.367
37.5337	864.6866	1669.552	1548.554	1752.075
37.5597	872.0909	1669.568	1508.741	1766.114
37.5857	915.6655	1708.36	1544.829	1786.694
37.6117	925.4089	1757.149	1556.311	1820.723
37.6377	908.7874	1735.887	1529.1	1841.665
37.6637	904.1503	1675.519	1545.943	1836.711
37.6897	887.5318	1669.273	1534.842	1784.259
37.7157	901.5466	1681.163	1533.206	1712.865
37.7417	891.9137	1655.242	1576.156	1782.04
37.7677	859.4811	1698.25	1563.097	1835.683
37.7937	860.5842	1750.68	1529.753	1802.247
37.8197	879.9464	1741.566	1513.263	1805.351
37.8457	883.9342	1710.508	1508.873	1764.699
37.8717	859.0836	1674.251	1511.916	1737.164
37.8977	881.3107	1669.655	1500.448	1747.103
37.9237	905.178	1690.795	1522.261	1763.534
37.9497	930.7045	1690.866	1557.147	1765.863
37.9757	949.5631	1682.552	1528.7	1780.852
38.0017	920.6773	1720.506	1519.538	1815.302
38.0277	927.9934	1681.309	1554.914	1780.203

38.0537	911.5625	1640.553	1573.008	1756.064
38.0797	910.5485	1675.214	1504.769	1743.487
38.1057	937.9724	1691.186	1489.793	1768.351
38.1317	885.8458	1653.615	1535.358	1736.743
38.1577	847.5754	1661.104	1488.793	1727.585
38.1837	856.4528	1686.556	1483.148	1738.339
38.2097	890.5516	1673.012	1463.975	1725.173
38.2357	856.9158	1647.053	1482.049	1708.495
38.2617	861.6187	1604.972	1498.388	1730.216
38.2877	868.0906	1631.288	1484.47	1720.706
38.3137	884.922	1621.68	1495.785	1749.191
38.3397	876.0297	1566.194	1434.033	1808.921
38.3657	830.0905	1620.149	1457.518	1732.382
38.3917	850.1817	1694.399	1481.584	1720.207
38.4177	851.7456	1603.98	1470.249	1713.49
38.4437	864.5626	1691.722	1472.8	1746.325
38.4697	835.7102	1666.72	1471.3	1714.27
38.4957	827.243	1626.016	1452.151	1749.799
38.5217	845.9201	1592.399	1385.79	1744.102
38.5477	802.6108	1635.196	1487.192	1742.79
38.5737	838.1454	1611.246	1456.194	1709.996
38.5997	822.212	1585.364	1432.785	1710.585
38.6257	815.5685	1632.398	1400.852	1640.773
38.6517	855.4414	1597.318	1405.803	1659.666
38.6777	795.1506	1527.536	1408.042	1637.301
38.7037	794.4524	1518.693	1397.844	1641.533
38.7297	785.3923	1581.646	1417.646	1663.277
38.7557	788.8459	1554.399	1495.302	1702.341
38.7817	794.6672	1483.755	1359.099	1676.234
38.8077	793.01	1580.769	1405.193	1625.333
38.8337	797.9014	1470.013	1317.562	1649.717
38.8597	764.9535	1544.301	1396.913	1599.841
38.8857	849.0874	1589.652	1331.206	1633.496
38.9117	768.4438	1540.85	1368.831	1648.831
38.9377	715.9015	1464.929	1310.653	1585
38.9637	752.7002	1521.115	1412.719	1587.778
38.9897	792.1577	1569.59	1359.685	1650.202
39.0157	796.2648	1556.416	1350.584	1594.438
39.0417	763	1529.239	1375.806	1570.299
39.0677	762.9573	1465.096	1275.062	1679.884
39.0937	739.1954	1518.56	1309.715	1615.529
39.1197	799.88	1453.21	1273.668	1551.174
39.1457	752.3994	1431.588	1323.545	1665.67
39.1717	751.9621	1506.043	1337.507	1577.601

39.1977	786.2781	1528.996	1290.392	1559.718
39.2237	748.4257	1539.423	1256.906	1566.538
39.2497	726.4212	1525.083	1299.752	1564.203
39.2757	711.164	1510.164	1284.552	1587.982
39.3017	696.3128	1457.901	1259.276	1568.101
39.3277	730.1997	1465.636	1296.713	1546.144
39.3537	782.2023	1458.074	1269.758	1599.343
39.3797	731.5064	1479.068	1311.018	1533.618
39.4057	735.3463	1496.837	1273.361	1577.24
39.4317	747.3544	1436.011	1223.857	1639.361
39.4577	737.0588	1457.559	1210.176	1649.706
39.4837	699.593	1467.215	1154.204	1601.105
39.5097	717.1599	1423.846	1207.316	1577.004
39.5357	721.1768	1447.927	1262.805	1551.774
39.5617	723.4398	1470.452	1228.897	1549.44
39.5877	683.03	1506.133	1219.803	1537.147
39.6137	684.1078	1536.216	1243.009	1510.991
39.6397	702.6698	1456.6	1190.238	1513.618
39.6657	702.3586	1419.849	1163.944	1517.547
39.6917	692.5999	1466.401	1173.218	1558.473
39.7177	723.1638	1430.747	1167.955	1537.836
39.7437	732.5124	1431.851	1181.364	1535.182
39.7697	654.209	1407.911	1131.225	1571.758
39.7957	672.3331	1403.516	1158.781	1522.464
39.8217	686.4298	1437.417	1175.572	1469.011
39.8477	657.5397	1400.712	1177.112	1511.921
39.8737	676.5443	1383.471	1195.355	1484.324
39.8997	667.4192	1388.421	1124.994	1479.107
39.9257	636.7697	1362.352	1119.346	1471.49
39.9517	630.9865	1333.054	1118.718	1463.336
39.9777	644.1265	1338.09	1091.365	1469.545
40.0037	677.7168	1384.964	1071.331	1497.494
40.0297	654.9207	1382.249	1062.192	1515.443
40.0557	639.2473	1351.757	1056.876	1524.247
40.0817	630.7038	1359.83	1075.904	1514.474
40.1077	652.0346	1336.521	1066.014	1500.556
40.1337	629.3524	1343.748	1021.252	1482.721
40.1597	598.0748	1398.518	1071.205	1454.864
40.1857	631.0824	1402.296	1113.523	1404.042
40.2117	630.4357	1333.871	1070.697	1417.825
40.2377	619.4397	1305.216	1035.892	1430.565
40.2637	611.1847	1333.542	1038.09	1393.186
40.2897	618.8818	1352.748	1040.252	1407.661
40.3157	635.4235	1382.801	1054.342	1453.867

40.3417	626.7818	1355.441	1072.578	1483.405
40.3677	634.6643	1373.748	1038.592	1511.676
40.3937	655.4446	1381.99	1026.3	1518.077
40.4197	636.7374	1360.922	1063.117	1490.539
40.4457	623.801	1345.272	1041.308	1423.886
40.4717	638.068	1298.047	1050.461	1399.027
40.4977	648.8574	1312.544	1115.577	1405.829
40.5237	648.2777	1317.8	1093.54	1398.86
40.5497	637.4155	1311.041	1031.498	1427.309
40.5757	623.5543	1335.202	1006.279	1416.638
40.6017	605.74	1392	1035.896	1427.896
40.6277	623.3742	1395.252	1063.213	1452.775
40.6537	638.0503	1382.95	1024.191	1432
40.6797	682.5566	1349.268	1015.356	1443.598
40.7057	667.1757	1340.767	1037.803	1448.063
40.7317	617.5724	1332.33	1020.902	1438.57
40.7577	647.1541	1323.771	1029.793	1444.159
40.7837	637.1825	1351.919	1019.51	1434.896
40.8097	680.1972	1364.849	1026.652	1476.652
40.8357	702.5904	1384.59	1048.203	1482.504
40.8617	698.7856	1368.1	1087.534	1499.683
40.8877	730.6452	1400.295	1097.872	1498.386
40.9137	700.9729	1420.189	1128.892	1490.162
40.9397	722.2177	1438.231	1060.335	1482.334
40.9657	703.8206	1474.335	1138.561	1508.827
40.9917	751.7972	1474.548	1154.02	1524
41.0177	796.7262	1502.714	1219.757	1530.44
41.0437	789.3194	1571.282	1212.347	1574.016
41.0697	844.6713	1639.86	1274.364	1641.203
41.0957	834.9114	1637.785	1331.316	1630.316
41.1217	866.5472	1676.228	1387.821	1704.908
41.1477	983.7677	1761.616	1393.936	1771.776
41.1737	1047.725	1835.687	1450.763	1818.508
41.1997	1091.982	2046.742	1485.191	1863.021
41.2257	1151.386	2059.279	1582.437	1898.09
41.2517	1180.296	2182.533	1654.891	1972.82
41.2777	1257.879	2280.04	1699.047	2125.18
41.3037	1338.667	2254.101	1785.087	2102.099
41.3297	1448.035	2241.655	1818.615	2257.917
41.3557	1506.103	2335.142	1818.746	2198.003
41.3817	1567.528	2307.457	1864.944	2244.163
41.4077	1620.895	2287.189	1774.853	2140.635
41.4337	1667.228	2206.796	1824.871	2180.271
41.4597	1716.708	2121.684	1758.329	2041.109

41.4857	1642.079	2007.309	1644.734	1986.497
41.5117	1642.724	1904.273	1588.023	1936.763
41.5377	1639.059	1875.084	1488.794	1959.742
41.5637	1633.057	1777.406	1402.258	1735.019
41.5897	1494.911	1705.916	1327.445	1767.434
41.6157	1392.766	1651.59	1264.647	1609.645
41.6417	1318.221	1539.545	1251.481	1694.449
41.6677	1277.272	1566.217	1174.122	1566.592
41.6937	1098.068	1485.031	1083.034	1627.977
41.7197	1024.762	1386.03	1105.763	1524.081
41.7457	974.0311	1416.353	1097.182	1548.474
41.7717	914.8084	1381.115	1090.211	1472.381
41.7977	836.205	1432.797	1004.566	1446.002
41.8237	846.3002	1407.45	1031.401	1431.7
41.8497	792.4746	1346.774	1024.539	1469.544
41.8757	775.0474	1268.586	960.7484	1393.866
41.9017	668.1714	1278.644	957.8405	1418.368
41.9277	661.731	1279.09	931.6005	1466.516
41.9537	682.7093	1310.514	899.2867	1425.98
41.9797	653.8331	1313.11	914.7001	1462.853
42.0057	672.014	1290.106	925.8056	1379.064
42.0317	649.7515	1274.811	936.577	1454.934
42.0577	630.5071	1329.807	891.5214	1373.321
42.0837	603.327	1309.222	880.5968	1443.079
42.1097	608.2496	1267.843	872.4322	1375.595
42.1357	600.8596	1251.86	841.0859	1375.788
42.1617	549.7385	1291.051	885.0826	1411.02
42.1877	552.7888	1288.645	883.0224	1461.8
42.2137	573.626	1301.222	917.6555	1488.825
42.2397	589.8689	1263.063	859.743	1449.481
42.2657	540.6505	1318.414	874.0348	1404.403
42.2917	571.5134	1320.8	872.9716	1497.598
42.3177	579.6696	1239.089	876.0919	1429.006
42.3437	568.2296	1317.965	871.2359	1449.107
42.3697	555.3586	1300.085	868.2584	1481.575
42.3957	526.3896	1282.732	845.3165	1500.171
42.4217	530.7142	1334.97	839.1654	1513.662
42.4477	526.7456	1418.357	863.492	1542.628
42.4737	534.9333	1422.239	883.5294	1529.835
42.4997	544.8442	1373.554	849.246	1539.377
42.5257	561.3244	1381.238	840.1854	1560.96
42.5517	539.0958	1429.298	823.1621	1642.958
42.5777	515.066	1445.676	842.8021	1705.829
42.6037	532.8321	1503.711	835.8202	1681.816

42.6297	541.7879	1534.358	816.2909	1730.097
42.6557	533.675	1537.795	870.1901	1778.753
42.6817	554.2806	1556.81	890.9258	1820.487
42.7077	543.2684	1597.02	871.9722	1881.21
42.7337	534.2328	1652.164	873.4383	1897.562
42.7597	550.8562	1673.629	848.7666	1925.79
42.7857	533.9357	1699.979	853.6472	1951.332
42.8117	514.2811	1736.043	858.8217	2006.286
42.8377	508.4956	1663.543	860.824	1991.948
42.8637	538.7405	1677.65	865.0219	1924.003
42.8897	535.0376	1723.531	846.8768	1948.086
42.9157	502.6007	1688.802	861.1306	2008.931
42.9417	521.0744	1681.42	895.5138	2004.926
42.9677	547.6209	1708.997	906.5134	1966.057
42.9937	555.5246	1708.874	911.5316	1922.81
43.0197	563.4423	1666.814	912.0513	1921.667
43.0457	581.059	1604.274	924.9283	1940.261
43.0717	580.7877	1631.746	924.524	1941.001
43.0977	564.0724	1735.757	926.7273	1931.983
43.1237	581.6099	1727.695	944.3759	1922.709
43.1497	627.5308	1682.884	951.3151	1912.249
43.1757	653.9616	1697.681	995.5709	1943.806
43.2017	649.1517	1725.965	1019.062	2006.218
43.2277	665.3969	1763.497	1032.125	1968.473
43.2537	728.0031	1811.492	1057.553	1978.449
43.2797	785.5775	1861.07	1101.085	2025.62
43.3057	829.9044	1900.373	1173.002	2022.318
43.3317	999.6189	1985.568	1197.958	2042.927
43.3577	1255.223	2061.094	1281.074	2156.959
43.3837	1346.67	2109.817	1353.054	2229.369
43.4097	1210.835	2229.82	1438.439	2336.51
43.4357	1187.528	2389.753	1564.193	2454.895
43.4617	1354.903	2645.856	1731.552	2572.246
43.4877	1540.009	2897.466	1942.578	2669.943
43.5137	1584.627	3245.84	2097.674	2906.316
43.5397	1661.619	3566.602	2319.376	3191.751
43.5657	1849.635	3772.298	2542.635	3417.872
43.5917	2027.319	4025.971	2709.582	3649.801
43.6177	2268.04	4250.075	2889.399	3837.486
43.6437	2551.935	4401.343	3015.751	3985.09
43.6697	2811.218	4355.318	3037.723	3918.571
43.6957	2972.861	4133.062	2946.752	3970.738
43.7217	3209.611	3971.723	2748.497	3821.496
43.7477	3200.424	3784.238	2615.474	3476.959

43.7737	3111.708	3368.392	2423.035	3229.566
43.7997	3034.579	3121.946	2281.971	3067.253
43.8257	2873.188	2832.203	2078.665	2900.439
43.8517	2765.224	2520.25	1835.688	2556.246
43.8777	2400.726	2341.246	1728.068	2496.616
43.9037	2275.254	2180.285	1594.097	2301.189
43.9297	2133.168	2003.148	1443.2	2232.664
43.9557	2188.86	1959.726	1306.726	2067.544
43.9817	1990.883	1888.733	1250.529	1969.707
44.0077	1526.323	1808.312	1247.372	1805.023
44.0337	1369.463	1821.169	1088.868	1875.882
44.0597	1441.766	1649.682	1070.033	1824.394
44.0857	1498.984	1606.248	1054.058	1752.504
44.1117	1125.63	1661.01	980.0009	1835.006
44.1377	942.2717	1532.079	966.9291	1748.657
44.1637	956.1805	1571.238	951.4869	1718.394
44.1897	889.5157	1512.626	940.9753	1755.222
44.2157	818.7399	1584.774	899.0709	1696.584
44.2417	810.42	1552.074	874.9183	1634.354
44.2677	753.6883	1518.55	871.7922	1646.636
44.2937	735.3047	1492.771	859.5932	1625.601
44.3197	642.2374	1462.078	805.1389	1572.136
44.3457	643.9751	1391.884	816.8506	1615.452
44.3717	606.8501	1426.195	847.3065	1624.799
44.3977	583.7427	1414.42	888.6437	1552.422
44.4237	556.182	1478.172	820.0817	1600.763
44.4497	555	1356.83	787.6163	1612.479
44.4757	600.0211	1467.243	805.6967	1552.972
44.5017	519.4784	1426.743	866.3931	1534.152
44.5277	545.1333	1419.328	843.4571	1570.642
44.5537	567.9798	1506.185	894.5822	1559.469
44.5797	566.407	1398.227	845.2067	1524.765
44.6057	550.0101	1380.558	845.2183	1532.548
44.6317	509.3501	1338.715	795.0524	1508.526
44.6577	531.7915	1365.134	794.9479	1456.365
44.6837	580.6452	1388.888	852.6651	1497.08
44.7097	551.5085	1396.243	792.4116	1502.454
44.7357	551.7097	1399.516	826.1294	1470.129
44.7617	538.0817	1442.269	862.3502	1475.603
44.7877	625.8949	1414.151	857.3547	1502.566
44.8137	582.9019	1396.293	858.2358	1567.862
44.8397	575.9903	1413.177	858.201	1582
44.8657	602.4623	1425.891	926.6522	1582.789
44.8917	599.6498	1415.533	893.5739	1520.665

44.9177	605.4619	1396.615	889.0004	1535.309
44.9437	611.0374	1446.672	939.8383	1575.374
44.9697	647.2226	1506.717	955	1558.021
44.9957	688.5798	1496.597	1021.555	1552.698
45.0217	723.0759	1513.535	1031.138	1607.259
45.0477	735.5982	1587.769	1060.543	1594.616
45.0737	754.7432	1632.872	1098.131	1630.971
45.0997	813.7856	1680.189	1142.99	1690.189
45.1257	876.0132	1816.35	1244.925	1769.779
45.1517	926.6381	1843.482	1284	1784.401
45.1777	966.7914	1904.704	1301.421	1808.822
45.2037	1064.815	2033.416	1364.79	1941.501
45.2297	1157.765	2163.575	1471.023	2003.951
45.2557	1210.891	2330.932	1630.81	2101.681
45.2817	1261.93	2366.592	1724.105	2193.191
45.3077	1408.326	2449.37	1745.584	2229.27
45.3337	1511.862	2587.092	1849.123	2311.871
45.3597	1611.28	2671.636	1897.385	2397.437
45.3857	1667.772	2646.385	1939.569	2398.783
45.4117	1772.371	2545.796	1961.482	2412.779
45.4377	1826.451	2486.013	1896.202	2420.73
45.4637	1863.724	2488.218	1844.343	2276.508
45.4897	1833.925	2461.738	1787.515	2228.75
45.5157	1791.149	2350.22	1703.093	2188.432
45.5417	1801.344	2165.808	1657.564	2041.705
45.5677	1736.977	2013.922	1544.153	1964.491
45.5937	1642.165	1904.112	1430.662	1908.007
45.6197	1553.357	1794.867	1366.867	1799.823
45.6457	1466.599	1712.091	1309.154	1760.555
45.6717	1381.404	1668.333	1245.107	1732.107
45.6977	1257.261	1607.597	1175.153	1603.204
45.7237	1169.228	1536.612	1104.83	1507.457
45.7497	1109.76	1512.869	1020.285	1476.158
45.7757	1021.723	1483.118	1000.442	1430.305
45.8017	959.222	1424.312	994.0896	1406.708
45.8277	909.2307	1361.011	957.9933	1420.295
45.8537	838.3169	1339.533	922.6482	1417.302
45.8797	757.153	1343.185	934.2491	1401.84
45.9057	726.3504	1295.464	911.5242	1342.096
45.9317	690.2073	1252.084	854.2354	1323.588
45.9577	668.1803	1251.157	839.2224	1329.511
45.9837	659.3494	1183.638	813.8253	1332.437
46.0097	638.7981	1197.806	800.4818	1334.245
46.0357	587.6852	1236.649	775.8054	1312.805

46.0617	576.3582	1224.734	774.9745	1305.321
46.0877	559.7144	1168.265	798.0952	1296.053
46.1137	557.9786	1209.016	792	1247.185
46.1397	509.4563	1240.788	797.1495	1256.449
46.1657	513.3565	1223.058	817.7897	1278.23
46.1917	529.3175	1194.643	813.8069	1259.437
46.2177	487.7361	1216.185	743.4445	1299.824
46.2437	505.6322	1208.576	742.8463	1295.523
46.2697	500.0816	1173.28	781.6411	1268.932
46.2957	468.3279	1184.137	750.6721	1303.672
46.3217	501.0736	1184.86	743.8401	1274.195
46.3477	527.682	1143.882	778.1763	1252.73
46.3737	469.9319	1133.164	740.3194	1285.301
46.3997	472.1107	1125.517	697.1299	1256.797
46.4257	491.3496	1186.443	691.4946	1217.457
46.4517	469.7939	1152.794	735.2284	1236.919
46.4777	457.5651	1140.043	741.8254	1250.392
46.5037	455.02	1138.136	687.608	1295.164
46.5297	503.7734	1192.45	716.1692	1292.456
46.5557	522.6039	1153.451	774.3065	1266.946
46.5817	559.5711	1175.383	779.1406	1229.523
46.6077	673.6742	1210.32	721.3784	1219.627
46.6337	759.0187	1116.081	719.059	1222.491
46.6597	660.2104	1083.014	730.9258	1268.03
46.6857	540.2037	1122.407	700.7272	1289.84
46.7117	527.6542	1090.877	746.5924	1245.938
46.7377	582.482	1123.121	752.4024	1204.39
46.7637	631.7166	1136.093	745.0648	1233.547
46.7897	536.063	1123.165	745.232	1228.371
46.8157	451.9436	1126.18	731.6405	1250.922
46.8417	471.6849	1129.055	723.5799	1227.93
46.8677	462.2724	1103.677	712.7025	1225.674
46.8937	434.4246	1129.909	739.7877	1212.53
46.9197	461.979	1124.267	725.9266	1182.157
46.9457	458.0187	1174.761	712.0655	1211.86
46.9717	434.3504	1063.65	744.5182	1242.547
46.9977	461.3133	1175.155	781.0926	1252.755
47.0237	435.93	1167.379	731.7912	1257.828
47.0497	437.8669	1112.529	782.5598	1258
47.0757	452.1856	1094.869	717.8546	1191.8
47.1017	451.1284	1099.615	759.8536	1271.285
47.1277	487.1087	1153.7	738.0016	1200.153
47.1537	472.5971	1092.052	714.9333	1204.991
47.1797	449.2555	1159.388	755.583	1220.496

47.2057	464.0259	1150.87	716.0912	1203.182
47.2317	446.5041	1121.529	750.8779	1248.854
47.2577	453.6388	1108.361	790.1739	1154.231
47.2837	455	1175.44	782.8714	1215.371
47.3097	484.1179	1120.057	783.5692	1191.887
47.3357	466.9913	1152.171	797.5438	1158.912
47.3617	488.0969	1162.51	760.6815	1248.532
47.3877	483.9069	1107.615	790.1989	1205.829
47.4137	485.2669	1117.235	791.4662	1173.399
47.4397	491.6476	1114.739	829.5331	1218.215
47.4657	458.7344	1132.125	788.7969	1248.328
47.4917	445.2783	1137.787	756.3262	1199.487
47.5177	467.3109	1115.466	810.0543	1209.865
47.5437	459.4249	1136.616	792.4801	1177.878
47.5697	472.4153	1115.47	790.329	1208.402
47.5957	490.7035	1102.264	804.9562	1242.923
47.6217	525.231	1112.798	775.0823	1213.87
47.6477	522.9065	1139.55	785.55	1203.91
47.6737	525.175	1089.883	823.4174	1217.197
47.6997	494.0364	1127.144	831.4621	1197.235
47.7257	480	1147.814	842.5577	1228.859
47.7517	512.3233	1152.19	805.3608	1227.056
47.7777	560.8904	1136.021	826.6684	1234.267
47.8037	521.5655	1157.723	889.4125	1233.985
47.8297	538.0835	1192.081	899.1567	1245.791
47.8557	546.0951	1128.123	888.4637	1176.883
47.8817	518.8565	1134.583	880.8951	1193.707
47.9077	551.9737	1190.525	907.5252	1245.846
47.9337	576.1452	1233.349	929.3279	1239.07
47.9597	599.3341	1241.091	933.8251	1237.125
47.9857	626.3702	1238.394	951.756	1269.331
48.0117	617.5218	1252.947	1007.727	1242.862
48.0377	625.0933	1227.864	1000.813	1246.137
48.0637	636.7254	1255.317	983.8046	1287.491
48.0897	650.086	1239.685	970.2091	1286.032
48.1157	669.1346	1234.417	965.6228	1304.087
48.1417	684.1612	1275.161	1021.806	1291.894
48.1677	681.4205	1274.008	1035.08	1299.086
48.1937	698.9906	1255.619	1019.786	1338.71
48.2197	707.7079	1283.166	1022.418	1313.961
48.2457	697.4913	1314.507	1000.029	1334.421
48.2717	709.3607	1296.3	950.1966	1321.372
48.2977	713.1238	1291.587	968.2917	1249.289
48.3237	684.6503	1271.956	1012.264	1262.186

48.3497	644.5121	1218.7	999	1282.243
48.3757	641.7903	1228.371	993.6049	1280.349
48.4017	665.5521	1267.56	1005.027	1276.724
48.4277	664.3885	1261.413	1020.265	1255.818
48.4537	642.481	1229.23	991.5276	1230.703
48.4797	646.3783	1211.396	981.9863	1210.523
48.5057	650.2003	1239.4	1012.6	1218.799
48.5317	609.9653	1226.887	1025.17	1236.887
48.5577	588.4693	1184.836	1017.497	1239.312
48.5837	628.1489	1184.621	1011.996	1287.928
48.6097	610.5883	1190.978	1032.603	1253.257
48.6357	603.5697	1175.585	1043.555	1221.168
48.6617	622.6798	1254.384	1030.211	1245.851
48.6877	606.5516	1273.804	996.2632	1213.16
48.7137	632.397	1231.382	1023.259	1192.633
48.7397	614.7086	1199.815	1051.214	1261.068
48.7657	585.4061	1174.699	1047.857	1300.826
48.7917	603.2152	1189.414	1022.251	1245.215
48.8177	638.3374	1233.18	1048.854	1282.304
48.8437	646.5801	1235.721	1045.615	1287.179
48.8697	636.6993	1215.403	1080.208	1270.886
48.8957	645.2282	1250.21	1048.772	1303.629
48.9217	633.171	1224	1086.881	1232.719
48.9477	635.8365	1231.864	1142.571	1261.395
48.9737	632.4049	1252.687	1108.551	1269.359
48.9997	662.0219	1233.789	1206.907	1250.018
49.0257	639.2246	1231.186	1158.691	1260.768
49.0517	652.3832	1230.323	1120.395	1250.707
49.0777	659.4508	1265.176	1192.004	1270.824
49.1037	689.1531	1295.988	1160.362	1241.901
49.1297	707.0406	1256.804	1136.382	1278.382
49.1557	670.5442	1221.016	1140.61	1272.887
49.1817	669.846	1307.906	1213.13	1291.13
49.2077	681.9246	1260.321	1220.189	1308.359
49.2337	691.4204	1273.764	1195.56	1326.25
49.2597	714.9899	1305.082	1287.725	1259.662
49.2857	708.5347	1284.558	1246.614	1342.568
49.3117	719.875	1299.516	1253.571	1329.723
49.3377	700.5669	1228.474	1271.804	1322.547
49.3637	718.2176	1264.053	1306.772	1281.343
49.3897	722.8161	1365.372	1352.495	1382.364
49.4157	750.2635	1339.735	1316.528	1300.266
49.4417	754.4866	1317.941	1346.396	1340.444
49.4677	744.0514	1340.084	1399.54	1325.733

49.4937	775.1376	1372.55	1385.725	1261.11
49.5197	781.3904	1395.388	1374.312	1351.325
49.5457	811.0216	1348.991	1398	1375.954
49.5717	817.9522	1346.021	1398	1361.103
49.5977	817.0168	1428.593	1421.598	1338.385
49.6237	757.6273	1438.76	1406.427	1374.986
49.6497	793.5727	1425.512	1450.317	1377.927
49.6757	833.1392	1425.954	1452.954	1366.558
49.7017	809.524	1426.944	1451.113	1365.056
49.7277	850.9472	1468.08	1524.757	1378.071
49.7537	859.5423	1375.858	1528.153	1359.602
49.7797	869.1379	1413.69	1514.293	1347.035
49.8057	816.6718	1395.403	1520.231	1343.288
49.8317	900.3945	1388.53	1554.97	1424.349
49.8577	834.09	1465.794	1582.869	1426.044
49.8837	917.5288	1507.468	1654.18	1422.378
49.9097	889.5194	1445.458	1601.779	1392.618
49.9357	862.4979	1451.231	1653.506	1417.045
49.9617	913.0374	1468.354	1631.071	1484.481
49.9877	877.1074	1496.867	1560.75	1449.273
50.0137	945.502	1465.723	1617.257	1454.841
50.0397	953.0398	1566.337	1684.132	1484.881
50.0657	996.8647	1540.307	1737.842	1448.354
50.0917	1017.537	1522.437	1796.478	1416.543
50.1177	1158.91	1578.29	1729.735	1465.936
50.1437	1347.326	1549.057	1741.32	1505.796
50.1697	1463.671	1553.594	1728.816	1526.004
50.1957	1276.856	1583.916	1776.362	1538.305
50.2217	1180.686	1573.372	1774.627	1553.667
50.2477	1127.624	1594.937	1773.146	1574.174
50.2737	1249.801	1632.56	1827.219	1544.462
50.2997	1314.161	1612.956	1900.651	1567.483
50.3257	1178.621	1608.76	1872.621	1518.512
50.3517	1056.014	1595.308	1914.595	1523.993
50.3777	1075.305	1598.969	1970.109	1466.7
50.4037	1037.542	1630.351	1905.975	1505.619
50.4297	1070.913	1606.385	1919.596	1557.975
50.4557	1086.916	1628.66	1948.935	1582.084
50.4817	1080.292	1653.875	1952.292	1569.978
50.5077	1124.246	1664.904	1987.978	1562.18
50.5337	1123.958	1622.421	2006.122	1547.097
50.5597	1123.787	1635.28	2026.564	1533.919
50.5857	1150.58	1648.876	2052.73	1548.974
50.6117	1154.845	1671.41	2061	1582.062

50.6377	1130.064	1666.787	2089.145	1600.518
50.6637	1143.092	1629.978	2084.213	1601.271
50.6897	1164.7	1648.291	2066	1594.901
50.7157	1201.622	1703.056	2094.943	1595.453
50.7417	1225.08	1720.44	2109.8	1645.467
50.7677	1221	1724.125	2102.463	1660.383
50.7937	1210.464	1723.044	2153.628	1607.864
50.8197	1218.058	1721.72	2183.976	1592.439
50.8457	1249.716	1732.563	2188.265	1600.944
50.8717	1294.326	1736.006	2221.415	1593.024
50.8977	1311.822	1760.331	2250.127	1641.61
50.9237	1312.839	1783.66	2229.209	1681.252
50.9497	1327.065	1763.645	2251.682	1646.243
50.9757	1341.55	1743.628	2273.519	1658.473
51.0017	1367.607	1780.033	2251.348	1681.34
51.0277	1424.69	1807.749	2306.813	1680.813
51.0537	1471.462	1809.939	2310.455	1695.165
51.0797	1450.747	1841.823	2282.47	1667.381
51.1057	1462.048	1857.203	2306.591	1687.368
51.1317	1479.807	1865.722	2374.957	1729.291
51.1577	1509.808	1840.146	2410.275	1701.285
51.1837	1548.66	1894.578	2420.541	1676.967
51.2097	1498.715	2024.835	2397.244	1650.993
51.2357	1440.702	2075.13	2418.749	1673.028
51.2617	1450.411	1943.66	2411.366	1687.518
51.2877	1481.309	1911.387	2468.387	1726.67
51.3137	1509.524	1972.523	2534.449	1813.045
51.3397	1565.083	2048.684	2560.179	1800.631
51.3657	1563.895	2114.773	2587.789	1816.619
51.3917	1610.569	2011.903	2676.361	1881.208
51.4177	1623.113	2102.571	2689.938	1874.113
51.4437	1635.235	2191.619	2705.664	1885.956
51.4697	1695.485	2180.12	2799.249	1963.497
51.4957	1750.41	2258.535	2852.241	2036.857
51.5217	1832.225	2326.655	2875.072	2058.116
51.5477	1871.082	2412.105	2872.401	2147.72
51.5737	1919.647	2501.226	3072.664	2147.539
51.5997	1912.503	2678.5	3199.288	2287.473
51.6257	2059.907	2792.977	3230.884	2395.791
51.6517	2069.441	2847.782	3318.561	2414.739
51.6777	2298.925	2917.987	3383.968	2495.516
51.7037	2404.541	3088.299	3430.764	2518.338
51.7297	2452.909	2952.071	3381.005	2597.24
51.7557	2527.068	2971.681	3500.802	2613.05

51.7817	2580.118	2956.97	3371.12	2573.97
51.8077	2684.197	2869.854	3291.008	2504.755
51.8337	2597.784	2776.007	3243.583	2515.031
51.8597	2667.84	2677.24	3209.68	2387.64
51.8857	2646.826	2590.56	3171.945	2383.789
51.9117	2605.501	2573.979	3114.887	2357.173
51.9377	2589.877	2449.871	3032.886	2200.315
51.9637	2390.454	2370.45	2939.956	2134.727
51.9897	2416.907	2275.764	2919.623	2033.453
52.0157	2234.99	2167	2805.372	1947.544
52.0417	2092.877	2161.642	2744.602	1954.989
52.0677	2049.1	2061.244	2666.916	1933.034
52.0937	1953.008	2064.605	2777.013	1859.592
52.1197	1828.392	1988.273	2586.899	1751.46
52.1457	1891.882	1953.685	2535.576	1726.63
52.1717	1699.036	1924.932	2587.933	1783.944
52.1977	1736.659	1852.656	2516.647	1724.539
52.2237	1629.08	1876.527	2435.55	1695.548
52.2497	1628.942	1804.162	2423.317	1743.559
52.2757	1583.821	1846.217	2421.078	1713.279
52.3017	1550.606	1815.655	2421.951	1609.257
52.3277	1540.527	1858.246	2389.992	1662.367
52.3537	1498.083	1778.098	2367.507	1630.604
52.3797	1465.51	1777.529	2352.177	1688.823
52.4057	1408.302	1752.474	2291.744	1666.651
52.4317	1416.526	1759.017	2258.047	1634.243
52.4577	1400.164	1787.646	2256.784	1655.078
52.4837	1330.096	1754.843	2267.582	1612.143
52.5097	1408.195	1769.183	2294.287	1593.793
52.5357	1323.591	1733.209	2279.898	1569.587
52.5617	1359.126	1693.768	2230.986	1519.134
52.5877	1287.151	1605.466	2174.996	1590.165
52.6137	1257.019	1644.929	2213.439	1575.039
52.6397	1343.635	1662.579	2182.706	1578.868
52.6657	1308.568	1682.686	2183.749	1597.248
52.6917	1244.641	1701.445	2168.345	1605.815
52.7177	1243.096	1662.201	2168.755	1527.743
52.7437	1265.566	1627.521	2151.217	1488.999
52.7697	1289.545	1590.864	2174.591	1551.227
52.7957	1296.526	1565.218	2153.251	1504.636
52.8217	1210.419	1635.288	2144	1512.609
52.8477	1172.342	1615.423	2118.739	1498.225
52.8737	1243.77	1621.258	2101.204	1522.254
52.8997	1203.751	1592.121	2093.661	1501.46

52.9257	1170.155	1528.077	2094.14	1506.117
52.9517	1109.332	1581.14	2042.958	1506.671
52.9777	1161.961	1577.333	2032.094	1489.44
53.0037	1152.261	1578.402	2059.553	1511.02
53.0297	1135.368	1614.961	2020.161	1457.323
53.0557	1151.599	1595.157	1967.466	1498.657
53.0817	1160.961	1558.39	2012.483	1482.4
53.1077	1172.944	1539.631	2015.032	1411.514
53.1337	1149.845	1516.619	1938.788	1428.564
53.1597	1134.248	1479.173	1933.947	1435.155
53.1857	1155.261	1513.959	1915.162	1428.07
53.2117	1133.569	1475.931	1894.416	1414.295
53.2377	1094.365	1501.295	1876.988	1453.312
53.2637	1085.921	1490.412	1852.316	1438.511
53.2897	1044.929	1431.92	1842.851	1367.246
53.3157	1064.356	1465.713	1861.188	1378.941
53.3417	1069.071	1487.139	1837.19	1415.653
53.3677	1084.561	1453.131	1801.644	1388.874
53.3937	1089.994	1488.528	1810.296	1353.447
53.4197	1070.87	1480.91	1817.327	1353.87
53.4457	1098.59	1452.619	1819.147	1342.984
53.4717	1075.09	1442.711	1794.216	1359.823
53.4977	1057.745	1434.281	1762.031	1397.454
53.5237	1066.026	1444.361	1753.18	1375.326
53.5497	1030.898	1423.449	1707.57	1344.625
53.5757	1017.117	1410.744	1687.722	1337.814
53.6017	1030.283	1410.642	1701.799	1343.47
53.6277	1043.453	1408.321	1698.023	1369.359
53.6537	1016.783	1380.409	1714.306	1368.585
53.6797	952.026	1363.509	1722.382	1343.873
53.7057	930.9725	1336.357	1703.991	1380.475
53.7317	946.6224	1336.35	1657.888	1404.769
53.7577	958.1006	1398.195	1665.784	1335.655
53.7837	966.5994	1356.341	1660.511	1321.217
53.8097	957.2483	1352.919	1619.409	1336.584
53.8357	951.975	1374.291	1637.316	1300.145
53.8617	938.2362	1328.013	1643.579	1302.46
53.8877	920.4629	1292.074	1629.513	1326.384
53.9137	907.3109	1312.328	1558.522	1313.537
53.9397	912.7653	1309.369	1622.247	1298.332
53.9657	931.2044	1296.195	1621.198	1306.594
53.9917	905.8429	1271.017	1524.115	1250.792
54.0177	864.9248	1278.601	1536.017	1247.301
54.0437	871.4613	1296.224	1591.943	1278.175

54.0697	895.8509	1246.426	1537.574	1297.978
54.0957	894.0674	1275.335	1521.466	1271.933
54.1217	915.9188	1324.541	1533.649	1262.108
54.1477	902.31	1314.683	1579.082	1289.798
54.1737	890.6061	1263.419	1511.372	1307.437
54.1997	893.0981	1244.448	1523.484	1219.442
54.2257	869.5268	1264.085	1444.993	1241.758
54.2517	858.6572	1259.714	1468.179	1210.572
54.2777	857.5052	1238.848	1487.408	1264.533
54.3037	837.8639	1281.127	1479.943	1233.867
54.3297	873.4699	1266.259	1454.098	1256.825
54.3557	831.2201	1237.177	1432.986	1211.699
54.3817	879.7531	1239.178	1418	1236.808
54.4077	847.6429	1203.514	1417.557	1196.248
54.4337	876.912	1260.086	1405.912	1216.652
54.4597	826.8998	1201.578	1354.75	1226.233
54.4857	865.8682	1225.529	1387.754	1220.175
54.5117	803.5969	1218.546	1344.022	1213.352
54.5377	794.1562	1190.686	1367.432	1208.49
54.5637	814.7928	1199.29	1356.259	1212.383
54.5897	818.701	1214.715	1387.733	1203.499
54.6157	774.4829	1121.095	1357.588	1171.748
54.6417	857.8096	1178.866	1315.782	1138.959
54.6677	775.1131	1207.597	1389.806	1111.42
54.6937	795.8073	1178.692	1328.154	1217
54.7197	767.7702	1146.543	1355.858	1191.201
54.7457	827.7951	1165.764	1315.696	1163.013
54.7717	816.5821	1206.139	1247.009	1111.61
54.7977	769.0583	1221.981	1247.999	1180.915
54.8237	800.6436	1195.301	1340.953	1174.078
54.8497	755.9687	1232.2	1301.863	1122.116
54.8757	769.5353	1158.386	1329.102	1164.606
54.9017	754.6545	1169.427	1278.209	1226.423
54.9277	773.9326	1145.322	1240.881	1175.846
54.9537	810.6915	1119.58	1252.15	1146.701
54.9797	827.8693	1095.696	1207.463	1219.346
55.0057	769.2386	1173.988	1193.887	1148.689
55.0317	735.806	1188.276	1271.216	1147.457
55.0577	770.7816	1133.227	1253.812	1187.581
55.0837	785.6757	1174.151	1276.8	1117.27
55.1097	758.849	1136.894	1265.925	1171.34
55.1357	787.1824	1128.391	1251.823	1197.396
55.1617	775.6624	1136.599	1270.637	1136.369
55.1877	733.0523	1150.749	1255.301	1114.101

55.2137	793.2022	1116.039	1301.562	1124.6
55.2397	762.0044	1166.277	1233.8	1152.733
55.2657	744.7982	1159.136	1236.044	1104.688
55.2917	779.4618	1184.169	1230.277	1111.636
55.3177	796.8037	1186.198	1252.01	1104.795
55.3437	794.2575	1213.455	1271.437	1161.281
55.3697	857.781	1283.44	1324.952	1157.488
55.3957	948.4338	1233.96	1337.459	1214.416
55.4217	991.2982	1314.406	1386.442	1237.564
55.4477	985.9884	1339.994	1374.223	1236.748
55.4737	945.7006	1376.522	1410.93	1256.002
55.4997	956.3882	1468.935	1478.162	1314.893
55.5257	997.4432	1548.467	1564.77	1390.235
55.5517	1147.23	1639.104	1626.552	1448.263
55.5777	1265.399	1631.542	1621.369	1466.506
55.6037	1303.059	1598.029	1581.896	1472.838
55.6297	1259.63	1576.375	1587.076	1489.988
55.6557	1365.228	1555.23	1591.972	1482.902
55.6817	1357.227	1500.377	1547.007	1411.842
55.7077	1330.773	1482.515	1465.062	1428.514
55.7337	1362.305	1505.889	1530.521	1399.182
55.7597	1287.936	1477.837	1538.257	1304.202
55.7857	1322.422	1425.778	1521.57	1333.526
55.8117	1295.464	1387.198	1462.536	1284.675
55.8377	1222.128	1396.27	1390.905	1263.512
55.8637	1224.759	1403.896	1415.99	1275.753
55.8897	1166.572	1470.592	1465.044	1302.923
55.9157	1121.721	1463.643	1404.196	1344.02
55.9417	1118.691	1463.852	1400.161	1311.586
55.9677	1121.284	1450.504	1474.241	1342.169
55.9937	1145.898	1502.032	1511.22	1372.221
56.0197	1123.197	1587.051	1525.922	1403.582
56.0457	1123.963	1589.775	1519.46	1450.09
56.0717	1164.739	1612.68	1567.461	1485.319
56.0977	1184.053	1655.085	1609.423	1512.476
56.1237	1237.362	1650.797	1599.435	1497.16
56.1497	1301.313	1606.824	1578.41	1485.517
56.1757	1344.226	1618.886	1565.66	1486.419
56.2017	1320.387	1600.739	1575.055	1467.166
56.2277	1257.204	1524.751	1519.429	1432.58
56.2537	1262.294	1512.012	1466.875	1407.592
56.2797	1263.404	1500.069	1430.978	1379.437
56.3057	1258.239	1459.253	1370.497	1327.02
56.3317	1237.663	1384.584	1342.332	1283.374

56.3577	1176.176	1296.831	1320.666	1254.286
56.3837	1153.898	1236.148	1291.861	1181.504
56.4097	1080.735	1246.37	1237.288	1171.797
56.4357	1023.321	1235.569	1215.743	1192.284
56.4617	984.6149	1176.082	1168.003	1147.991
56.4877	878.0152	1126.877	1139.54	1114.923
56.5137	882.4657	1106.492	1070.254	1099.291
56.5397	854.9704	1067.652	1081.324	1026.692
56.5657	816.2502	1046.843	1060.658	1035.473
56.5917	789.5181	1032.115	1026.005	1023.619
56.6177	769.4789	1032.563	1018.124	1048.966
56.6437	763.3513	1051.535	1051.468	1010.187
56.6697	752.1656	1070.578	1042.147	1046.441
56.6957	724.356	1053.003	1031.766	1027.375
56.7217	686.1744	1008.329	995.1861	995.3227
56.7477	697.2915	985.2177	960.8745	1007.402
56.7737	695.1912	989.5429	974.1487	1032.734
56.7997	672.2258	1001.862	961.4516	1020.914
56.8257	682.4025	953.4199	986.7515	977.0236
56.8517	664.1971	996.1938	969.7583	991.9521
56.8777	649.15	1046.495	938.46	1013.62
56.9037	681.9736	984.9298	954.4376	980.5132
56.9297	714.0008	931	981.3703	956.6305
56.9557	687.6192	943.2664	978.9696	948.0701
56.9817	656.7507	997.5285	962.3144	1014.206
57.0077	611.2156	983.5739	963.1228	1000.722
57.0337	639.1813	999.3633	900.9452	1049.254
57.0597	602.9668	973.3915	891.9459	988.8825
57.0857	588.8694	949.1505	941.5883	970.7587
57.1117	583.8925	978.8679	887.9174	983.4628
57.1377	601.3458	934.9618	876.2311	985.3076
57.1637	562.0959	961.2461	913.6295	971.8627
57.1897	559.6486	972.3985	930.0312	983.6092
57.2157	525.8243	966.228	937.3515	1012.499
57.2417	547.9339	964.9686	894.3218	899.5114
57.2677	544.4725	911.707	912.663	934.2137
57.2937	505.5608	973.1676	906.1676	923.3584
57.3197	577.6924	957.4892	888.8184	972.5811
57.3457	543.6336	995.9176	885.3463	986.7856
57.3717	566.7693	956.1977	935.3625	941.654
57.3977	552.9541	967.764	956.4953	921.3408
57.4237	546.0236	932.1212	880.2593	972.8249
57.4497	595.3355	937.9203	940.1893	913.7974
57.4757	553.9981	886.2303	890.2071	977.468

57.5017	573.3042	907.2379	864.8284	922.9218
57.5277	524.239	1009.436	877.3972	898.0334
57.5537	523.894	906.0397	866.6358	902.6821
57.5797	528.6855	890.629	871.6226	912.371
57.6057	558.6696	886.2913	861.8011	947.3055
57.6317	516.9718	914.4349	875.6761	910.5581
57.6577	531.1466	880.7067	923.2739	905.1853
57.6837	577.8705	904.8197	928.8974	902.3078
57.7097	509.3386	894.6877	873.0883	949.9243
57.7357	539.4904	911.4289	870.3878	957.7551
57.7617	551.9411	915.7353	884.0146	952.7941
57.7877	569.2967	927.1504	859.4107	886.8133
57.8137	540.6315	889.1535	873.6515	904.8251
57.8397	501.485	923.8938	871.1349	859.7275
57.8657	550.4728	936.1398	831.9142	894.7095
57.8917	503.9198	905.9148	869.8097	893.3656
57.9177	527.3649	839.2	905.0514	865.9486
57.9437	562.3401	864.9093	905.4127	875.9637
57.9697	560.3291	886.0357	889.8113	887.0944
57.9957	511.2995	908.4585	959.1641	923.247
58.0217	532.5789	907.8526	886.2529	919.9369
58.0477	517.9696	907.517	839.7961	905.381
58.0737	510	868.3256	866.1887	915.4743
58.0997	530.6823	914.0922	854.1018	903.011
58.1257	536.5425	884.7176	826.3243	885.3403
58.1517	541.7505	877.5009	819.7188	911.9087
58.1777	525.569	879.1645	817.8733	904.8601
58.2037	517.301	908.7544	840.7647	909.5813
58.2297	525.2685	910.2863	888.8972	879.8589
58.2557	513.3803	900.2462	865.2529	878.2615
58.2817	528.0835	883.9469	850.6844	866.9317
58.3077	527.1331	904.0302	880.0302	868.5484
58.3337	545.6754	869.948	868.6753	896.7273
58.3597	547.4903	872.1349	863.3126	893.0143
58.3857	549.8131	918.8458	837.1542	867.0033
58.4117	531.4558	915.3145	810.9454	890.4576
58.4377	510.2937	908.7063	860.2599	874.4203
58.4637	503.0013	873.4172	882.4055	889.9831
58.4897	501.5898	880.0298	865.1527	904.2036
58.5157	523.4561	865.3068	834.6444	904.6984
58.5417	524.1807	871.0584	854.6182	852.8628
58.5677	518.6005	904.4008	865.6384	884.0468
58.5937	498.7944	875.2417	853.1003	907.7918
58.6197	497.367	826.0124	855.0804	860.633

58.6457	503.4549	848.7713	821.5316	864.6205
58.6717	517.3755	851.2172	843.5565	885.6425
58.6977	538	821	868.5198	884.406
58.7237	539.001	844.0238	839.9938	862.4819
58.7497	534.6035	858.6599	859.0203	888.6629
58.7757	529	847.5966	882.116	912.8504
58.8017	549.713	878.4232	855.9333	886.234
58.8277	549.037	866.2306	848.4331	885.2258
58.8537	523.2545	830.0944	852.8656	896.2145
58.8797	507.9197	855.6771	821.4164	886.9197
58.9057	498.3629	846.2409	799.3788	877.7939
58.9317	526.1073	854.5301	826.3236	882.1024
58.9577	535.0654	863.5514	865.8411	875.3365
58.9837	515.1586	874.9126	851.8155	888.5858
59.0097	514.0031	906.2573	871.9153	904.6995
59.0357	550.7733	875.1443	878.2678	914.8244
59.0617	542.3369	874.7708	853.0278	862.4827
59.0877	506.1696	846.0493	850.1696	858.549
59.1137	506.8349	806.2202	861.0336	876.1529
59.1397	510.2275	831.088	876.3923	858
59.1657	527.0045	851.3902	864.4081	861.9821
59.1917	529.8287	849.8217	838.726	856.1576
59.2177	546.2399	881.2804	849.0721	808.9044
59.2437	563.9269	836.3752	851.7077	801.3216
59.2697	575.3372	849.3268	887.4157	873.955
59.2957	609.5048	896.4844	871.6065	865.8955
59.3217	654.225	869.751	835.5446	852.5539
59.3477	572.9157	821.9157	842.2476	841.411
59.3737	552.4951	822.1967	864.5738	853.0197
59.3997	565.5522	883.9403	879.9664	868.2164
59.4257	602.6259	877.6714	857.5348	880.4844
59.4517	587.9162	838.5588	851.3235	830.0085
59.4777	622.9998	843.7872	832.6595	847.6171
59.5037	576.2633	844.0142	825.0142	869.9253
59.5297	536.6495	844.5273	824.9486	899.9839
59.5557	544.1762	832.562	812.3921	867.8368
59.5817	593.9998	847.6347	840.654	827.0002
59.6077	547.5737	857.4947	873.6789	869.6737
59.6337	537.3553	826.815	837.4359	862.79
59.6597	588.8919	864.984	872.5701	835.4331
59.6857	671.7411	843.6704	866.3984	839.7315
59.7117	782.6786	893.7031	845.099	819.7786
59.7377	735.3086	848.4323	860.1135	871.0259
59.7637	600.855	846.3834	861.3109	839.7928

59.7897	565.0937	861.8464	866.3426	837.1567
59.8157	566.5027	815.2674	885.9839	833.0214
59.8417	576.3576	846.2731	853.8124	877.8863
59.8677	630.041	790.7083	864.1918	889.1918
59.8937	612.9213	848.0247	867.7562	888.9213
59.9197	559.3968	898.8396	883.6014	838.4391
59.9457	567.5558	852.41	936.6173	911.7699
59.9717	554.4908	864.5819	843.5216	876.0302
59.9977	534.2005	887.0403	945.2005	837.6732
60.0237	547.956	821.0396	958.5642	883.8503
60.0497	538.0552	829.9503	860.5466	850.1877
60.0757	534.0618	876.2742	891.5058	899.2278
60.1017	536.9239	894.5434	914.4166	898.0507
60.1277	532.1764	882.4587	926.5765	860.3762
60.1537	525.3165	847.6276	906.9494	915.3326
60.1797	570.3536	836.5513	917.3384	854.6939
60.2057	566.4554	864.9833	877.7973	818.2769
60.2317	578.9503	873.4752	931.4264	865.0262
60.2577	569.9339	866.6792	935.0849	896.453
60.2837	560.8534	868.7155	931.3793	841.9738
60.3097	564.4763	860.9427	943.5336	884.3438
60.3357	558.8027	895.4134	898.9626	872.2933
60.3617	526.4852	907.0033	935.8952	920.7739
60.3877	579.9878	830.106	885.7432	881.2636
60.4137	571.0331	855.6449	913.7894	888.5446
60.4397	568	872.1477	952.9801	856.3286
60.4657	577.1929	897.4002	958.1643	844.9857
60.4917	591.387	920.1676	952.2194	873.7288
60.5177	596.4476	884.8379	981.1875	867.7618
60.5437	594.5821	891.3132	950.9261	871.4476
60.5697	602.7564	918.881	952.3484	881.7564
60.5957	570.4111	866.8278	951.8556	846.2667
60.6217	592.8237	886.7047	966.5238	858.5095
60.6477	605.8313	915.3904	1004.716	881.8579
60.6737	594.1422	898.3097	979.4518	897.5888
60.6997	625.0818	889.5072	986.6605	902.4928
60.7257	576.6071	942.0279	997.419	863.229
60.7517	587.696	896.3346	964.1243	865.7113
60.7777	614.3331	870.5667	978.9495	919.2992
60.8037	638.375	924.4184	971.625	928.1057
60.8297	662.7234	930.9734	1024.623	924.6968
60.8557	659.6967	947.3542	1040.01	920.1918
60.8817	671.9241	895.0422	1023.492	892.2753
60.9077	684.6693	922.3657	1024.003	896.6761

60.9337	704.7423	1016.712	1085.484	937.856
60.9597	734.7104	984.9857	1150.949	909.6961
60.9857	777.2265	1040.768	1134.313	944.2667
61.0117	806.9197	1074.179	1157.915	1003.722
61.0377	786.2156	1109.307	1211.167	1033.818
61.0637	789.6553	1171.413	1220.102	1078.236
61.0897	866.3442	1198.378	1246.075	1077.097
61.1157	902.5357	1226.094	1279.929	1127.994
61.1417	949.4191	1266.687	1316.732	1215.442
61.1677	962.5837	1293.653	1352.331	1249.543
61.1937	1019.316	1263.621	1329.41	1216.737
61.2197	1100.919	1234	1381.456	1166.629
61.2457	1089.945	1263.593	1376.515	1169.446
61.2717	1101.441	1252.031	1333.428	1156.368
61.2977	1118.454	1245.947	1318.426	1128.482
61.3237	1102.475	1244.061	1332.188	1136.133
61.3497	1073.092	1238.931	1373.997	1161.443
61.3757	1085.052	1278.072	1363.766	1181.931
61.4017	1130.828	1278.816	1340.994	1163.467
61.4277	1137.343	1223.855	1367.425	1133.44
61.4537	1127.157	1195.008	1389.901	1139.76
61.4797	1129.053	1223.258	1398.656	1138.947
61.5057	1152.194	1257.798	1415.864	1135.553
61.5317	1134.412	1290.867	1373.848	1158
61.5577	1096.944	1298.782	1399.223	1167.218
61.5837	1104.68	1311.771	1418.593	1198.817
61.6097	1140.391	1366.562	1395.936	1242.764
61.6357	1185.922	1410.904	1457.347	1255.545
61.6617	1267.482	1422.69	1472.759	1224.242
61.6877	1287.333	1404.126	1469.298	1236.397
61.7137	1258.968	1408.654	1490.922	1297.189
61.7397	1239.514	1371.727	1490.748	1299.165
61.7657	1241.395	1340.792	1473.624	1253.869
61.7917	1286.297	1374.111	1439.934	1208.627
61.8177	1292.041	1382.384	1459.355	1209.285
61.8437	1258.396	1279.227	1450.833	1191.592
61.8697	1178.103	1220.795	1385.603	1166.305
61.8957	1131.51	1242.89	1349.72	1125.29
61.9217	1078.481	1205.481	1309.355	1123.479
61.9477	1071.36	1192.686	1264.811	1117.27
61.9737	1021.521	1114.509	1266.48	1099.784
61.9997	1015.491	1077.498	1270.006	1051.504
62.0257	993.7212	1079.01	1266.25	1052.625
62.0517	989.7775	1072.188	1209.996	1012.399

62.0777	949.5925	998.7913	1200.372	974.3535
62.1037	872.7859	1036.839	1147.218	962.8938
62.1297	841.1972	1001.772	1209.004	966.841
62.1557	837.6185	969	1190.298	1004.08
62.1817	822.6171	970.266	1103.404	956.5745
62.2077	761.6581	971.3849	1148.564	923.7955
62.2337	759.195	946.7459	1156.17	896.0754
62.2597	747.5969	934.0935	1132.964	955.5251
62.2857	703.7414	931.3997	1143.012	936.1412
62.3117	703.6488	947.1811	1133.063	941.9871
62.3377	793.3934	950.9966	1114.886	966.1439
62.3637	784.767	925.2304	1163.534	904.0051
62.3897	746.3323	947.55	1099.552	919.3912
62.4157	705.3662	917.8239	1129.444	911.5282
62.4417	705.5717	926	1113.021	883.8165
62.4677	666.6415	926.1434	1101.642	848.5736
62.4937	666.7573	926.3319	1094.838	857.3592
62.5197	736.8219	902.5039	1060.081	883.186
62.5457	695.0709	927.6095	1028.523	974.0578
62.5717	651.032	873.6723	1109.224	885.0245
62.5977	652.2872	893.8674	1115.381	915.0942
62.6237	665.073	887.9391	1088.499	875.2678
62.6497	670.937	883.081	1128.739	896.9618
62.6757	643.2149	918.7237	1013.89	880.1305
62.7017	698.997	934.7185	1099.452	957.6099
62.7277	709.7248	947.6423	1042.651	908.4309
62.7537	707.1123	953.7754	1085.278	925.2886
62.7797	652.6997	935.8999	1069.853	880.2734
62.8057	660.3699	903.8904	1101.052	943.99
62.8317	695.5133	919.7231	1101.134	849.124
62.8577	672.1596	858.2448	1078.851	865.0718
62.8837	660.8705	917.8193	1056.915	910.8215
62.9097	705.1513	906.8425	1091.121	893.3274
62.9357	647.4828	863.9172	1072.672	885.6414
62.9617	730.0845	890.7945	1125.64	918.5609
62.9877	636.3357	904.6058	1069.252	883.7034
63.0137	698.7003	900.82	1075.54	883.18
63.0397	665.7691	929.0161	1122.378	917.2831
63.0657	657.1565	890.1384	1127.47	884.1994
63.0917	652.8322	972.0255	1152.841	877.8336
63.1177	633.0561	922.4609	1123.407	896.1202
63.1437	655.8529	956.0098	1092.402	873.9608
63.1697	649.1392	930.8289	1127.994	916.2282
63.1957	709.5104	879.9243	1108.626	893.0693

63.2217	689.9379	913.6856	1132.358	897.3273
63.2477	677.6779	933.7404	1154.159	874.6828
63.2737	699.9234	929.8871	1196.206	900.621
63.2997	714.5419	966.4637	1189.899	879.324
63.3257	717	896.3862	1169.859	877.187
63.3517	716.2657	907.6547	1119.471	902.7647
63.3777	674.7078	905.3382	1152.985	892.165
63.4037	693.2961	900.429	1154.852	844.2734
63.4297	693.613	927.0694	1129.681	856.1832
63.4557	691.4733	953.2825	1110.886	875.6412
63.4817	712.1726	975.0642	1112.847	887.9016
63.5077	757.4399	907.7706	1137.594	890.6504
63.5337	720.479	935.1646	1129.383	888.6702
63.5597	713.304	959.1404	1152.748	904.3742
63.5857	721.4198	948.5495	1152.584	910.4198
63.6117	709.2029	934.838	1153.162	879.7843
63.6377	708.6268	920.8724	1167.753	899.2617
63.6637	695.3875	890.7736	1148.389	913.0014
63.6897	689.2375	913.1375	1171.743	896.4982
63.7157	701.5269	930.2594	1195.809	894.3589
63.7417	727.9074	909.1912	1169.238	905.0261
63.7677	712.0693	950.3786	1152.727	876.6158
63.7937	684.909	957.8883	1208.304	864.4447
63.8197	688.2247	925.6638	1239.997	916.2366
63.8457	704.9165	948.4744	1186.697	936.9003
63.8717	717.7513	937.6306	1194.552	941.5411
63.8977	742.0391	923.3053	1211.909	915.0257
63.9237	731.5848	936.4518	1167.229	890.8693
63.9497	715.1349	924.3712	1183.985	916.1717
63.9757	740.3901	946.7499	1226.97	924.5417
64.0017	754.0274	971.2468	1224.678	910.7331
64.0277	746.3309	944.8508	1227.527	902.4764
64.0537	736.2013	958.6511	1236.134	919.792
64.0797	753.087	977.7391	1228.065	930.3261
64.1057	753.7768	943.4952	1208.942	911.068
64.1317	744.6505	954.6373	1225.441	897.8166
64.1577	759.3311	965.9552	1260.025	878.3566
64.1837	750.002	959.5931	1256.585	910.6051
64.2097	759.0346	954.9366	1270.324	964.6199
64.2357	756.0452	924.5982	1268.296	946.2916
64.2617	744.2905	962.6776	1253.645	938.9701
64.2877	759.9886	972.5772	1266.657	901.6743
64.3137	772.0684	997.5705	1270.859	945.3777
64.3397	751.0066	986.6362	1274.148	975.634

64.3657	774.1789	979.4952	1297.39	945.6002
64.3917	740.0037	1006.527	1300	944.1644
64.4177	726.3038	976.4668	1319.979	913.7247
64.4437	821.9277	975.2924	1352.742	922.8805
64.4697	828.462	982.9235	1334.077	957.9231
64.4957	798.0966	959.8832	1320.685	962.0844
64.5217	838.9726	1036.635	1302.347	964.1216
64.5477	787.0026	1046.883	1315.774	943.104
64.5737	809.9159	1007.012	1318.44	914.7719
64.5997	832.8708	1007.195	1367.967	961.8076
64.6257	826.4594	1075.637	1349.693	1006.966
64.6517	853.7204	1012.138	1373.953	923.0499
64.6777	878.411	1006.178	1366.041	940.7945
64.7037	862.8158	1069.908	1344.942	966.3906
64.7297	905.0721	1069.544	1394.704	993.3291
64.7557	841.5665	1080.22	1369.383	980.5081
64.7817	865.2813	1069.377	1374.285	1028.737
64.8077	892.11	1073.323	1361.863	1016.856
64.8337	911.3376	1090.414	1399.857	1009.194
64.8597	918.7187	1122.794	1410.112	1031.755
64.8857	952.5743	1133.106	1411.83	1088.787
64.9117	963.9645	1162.301	1403.43	1068.731
64.9377	914.3252	1132.422	1494.224	1122.288
64.9637	962.839	1169.238	1462.834	1081.528
64.9897	1012.664	1171.655	1478.613	1109.101
65.0157	1059.253	1184.648	1558.986	1064.278
65.0417	999.0124	1249.351	1575.212	1099.99
65.0677	1099.49	1212.093	1558.192	1158.536
65.0937	1083.113	1330.252	1581.876	1134.243
65.1197	1099.014	1346.583	1708.991	1190.702
65.1457	1114.404	1341.988	1630.149	1188.237
65.1717	1107.217	1379.682	1632.125	1231.239
65.1977	1210.105	1370.089	1610.91	1237.03
65.2237	1245.661	1310.672	1609.057	1236.863
65.2497	1228.87	1441.118	1661.08	1181.641
65.2757	1216.005	1354.002	1668.997	1245.001
65.3017	1270.46	1376.774	1640.285	1254.902
65.3277	1197.481	1295.639	1580.205	1214.81
65.3537	1264.893	1338.635	1620.724	1292.597
65.3797	1270.842	1350.565	1624.881	1222.97
65.4057	1302.366	1358.604	1625.951	1187.684
65.4317	1265.437	1286.577	1625.059	1155.902
65.4577	1263.931	1286.653	1642.682	1190.295
65.4837	1277.811	1307.256	1570.343	1134.074

65.5097	1210.69	1287.141	1495.69	1118.981
65.5357	1207.604	1207.525	1563.772	1136.918
65.5617	1152.761	1221.274	1493.596	1112.272
65.5877	1178.598	1170.257	1512.193	1079.045
65.6137	1145.542	1140.351	1505.547	1032.316
65.6397	1076.272	1149.918	1438.55	1061.309
65.6657	1071.959	1146.041	1400.76	1049.975
65.6917	1029.25	1086.948	1394.317	1017.553
65.7177	1055.088	1016.969	1381.529	1032.785
65.7437	997.9234	991.8561	1395.43	999.2113
65.7697	989.681	1029.579	1385.203	1028.332
65.7957	954.1241	998.9175	1329.091	1015.356
65.8217	956.8759	989	1278.789	994.1655
65.8477	907.6191	958.5096	1335.453	959.5096
65.8737	875.2467	984.7347	1311.546	964.8939
65.8997	847.9031	907.3745	1264.712	951.4749
65.9257	862.8091	937.1549	1266.785	965.553
65.9517	860.3525	986.4268	1253.931	916.3413
65.9777	884.8234	971.3732	1202.604	916.7692
66.0037	796.0488	940.3319	1184.556	893.6646
66.0297	762.2741	889.9714	1149.807	905.5075
66.0557	760.4879	915.848	1209.755	891.8199
66.0817	776.3126	954.0826	1211.222	873.6899
66.1077	790.8258	939.7922	1189.126	876.8258
66.1337	748.9318	917.5648	1169.529	899.5071
66.1597	711.757	886.1532	1191.823	871.224
66.1857	711.181	934.3646	1183.499	888.5576
66.2117	739.4299	894.3531	1098.996	875.8554
66.2377	713.1229	852.1011	1071.026	831.4152
66.2637	721.1524	897.1056	1077.377	821.6074
66.2897	736.9344	867.3662	1067.19	840.9413
66.3157	707.8558	859.3506	1059.19	807.5693
66.3417	672.7948	872.6605	1069.272	802.138
66.3677	672.0838	867.8333	1065.916	829.6672
66.3937	671.9719	826.286	1057.427	838
66.4197	644.0229	832.0649	1053.619	809.8243
66.4457	632.5359	837.3027	1034.946	816.7868
66.4717	639.1747	848.3582	1037.223	864.4651
66.4977	663.9511	854.8526	1031.319	870.0551
66.5237	661.4755	837.9523	1008.714	810.3796
66.5497	640.4861	839.0556	1007.111	803.4593
66.5757	625.3846	848.0557	1003.944	839.5199
66.6017	636.197	857.9643	993.5416	851.8812
66.6277	635.8567	852.2856	989.5159	848.4442

66.6537	616.5358	826.8767	992.7937	812.6604
66.6797	606.4998	798.3213	953.3566	798.2858
66.7057	603.5379	796.9049	952.9806	807.6369
66.7317	605.6666	802.4444	978.7776	810
66.7577	597.25	798.6488	919.4881	815.4345
66.7837	635.0119	820.0119	928.5714	809.2064
66.8097	630.7779	811.2165	952.1688	777.6073
66.8357	582.2145	760.262	939.5475	773.1188
66.8617	570.4502	757.6089	958	793.2582
66.8877	589.5397	758.4449	932.5957	769.9284
66.9137	578.8753	736.3747	912.9995	776.5001
66.9397	560.2856	771.6027	926.0959	771.5555
66.9657	580.561	798.0654	894.3926	771.7382
66.9917	594.5719	791.3694	918.7733	768.8331
67.0177	556.2467	768.6293	918.1877	784.3707
67.0437	551.7288	755.3492	841.3428	786.9132
67.0697	594.1672	760.6246	823.7476	756.5363
67.0957	563.6952	777.7498	888.6126	739.9719
67.1217	539.4781	790.7991	846.7991	741.6097
67.1477	544.1428	793.2869	853.8579	733.7135
67.1737	547.5515	750.1754	836.5154	763.2396
67.1997	547.6708	740.824	846.7465	762.9102
67.2257	535.0427	762.8769	826.8105	729.3744
67.2517	509.492	718.706	803.984	750.658
67.2777	503.4455	729.1247	812.902	754.7796
67.3037	490.7601	733.5123	843.3078	724.8909
67.3297	551.1097	725	866.4312	762.0805
67.3557	600.4805	719.2233	812.8884	735.9684
67.3817	516.8736	696.0181	818.1083	730.0361
67.4077	540.8977	705.4256	795.8647	718.8301
67.4337	531.8272	757.6444	799.4098	712.0618
67.4597	561.5031	719.6689	782.3322	732.67
67.4857	506.0371	675.8062	803.8433	685.5731
67.5117	512.0096	667.2291	794.9272	765.6146
67.5377	490.527	696.2641	754.5691	767.473
67.5637	535.7152	754.2726	793.0805	718.6037
67.5897	522.9253	711.8614	776.7443	710.6381
67.6157	542.4299	739.9291	797.3967	718.5023
67.6417	519.4453	733.332	741.4818	685.8583
67.6677	506.9194	752.9934	804.6312	728.121
67.6937	524.2938	726.6648	740.2423	701.8661
67.7197	492.0674	667.9201	769.0894	743.8887
67.7457	492.0804	734.3906	796.1033	690.3911
67.7717	479.5679	709.8071	763.8111	744.1454

67.7977	529.9463	745.4731	742.4085	707.3011
67.8237	503.5819	730.8639	801.9495	715.1663
67.8497	523.7332	691.7115	730.2312	720.751
67.8757	508.9292	731.0787	742.9921	707.5191
67.9017	500.0185	740.9794	742.0021	772.8642
67.9277	538.5328	765.7005	807.2094	778.9281
67.9537	482.2703	775.781	801.1533	675.3216
67.9797	490.6818	715.9731	709.0233	740.7723
68.0057	551.37	771.4952	722.2903	765.0398
68.0317	556.845	719.9451	756.1916	730.9117
68.0577	580.4602	741.3986	754.2464	781.5509
68.0837	539.2896	768.0691	761.4279	747.8605
68.1097	532.3257	762.6515	762.9186	739.4886
68.1357	532	771.9951	780.2642	739.9086
68.1617	532	787.3795	726.2794	758.8731
68.1877	560.4415	828.9959	800.8806	778.776
68.2137	567.5155	848.9409	776.7239	752.876
68.2397	546.2762	766.7116	796.3307	762.9032
68.2657	582.5154	780.63	788.8326	818.2599
68.2917	577.1125	830.8519	760.6776	801.5267
68.3177	593.4621	812.9852	788.7283	792.8041
68.3437	605.2926	837.0242	822.3657	810.2438
68.3697	616.8321	833.9872	746.0659	781.2263
68.3957	641.6637	813.3834	726.3812	756.1928
68.4217	630.2106	777.8196	745.9874	740.807
68.4477	603.1023	786.5811	762.054	736.4209
68.4737	595.4407	760.5936	743.9494	785.1181
68.4997	561.1319	710.4346	752.6249	748.1978
68.5257	566.1962	748.1473	764.5981	734.5196
68.5517	579.9986	755.0014	726.5062	739.4993
68.5777	540.8221	703.9024	706.3403	726.2007
68.6037	576.3728	712.5514	664.5778	707.8593
68.6297	543.8716	716.9592	685.2858	710.9213
68.6557	539.6243	721.3918	725.2773	730.3345
68.6817	496.2806	710.6948	702.3869	739.8011
68.7077	510.8983	691.8833	676.264	712.0052
68.7337	499.1024	679.1957	696.1759	686.7523
68.7597	479.9654	651.8618	673.1336	660.2143
68.7857	467.7518	668.4051	658.6423	661.8905
68.8117	469.5066	677.7947	660.6507	664.096
68.8377	484.5333	666.6704	649.4667	647.263
68.8637	461.9824	656.3226	627.2296	651.6164
68.8897	443.7582	644.3075	603.0985	678.8687
68.9157	436.8903	648.1646	607.4414	642.1222

68.9417	413.7664	654	627.42	654.2757
68.9677	435.2854	665.8226	626.7242	657.5815
68.9937	420.0592	668.7691	647.7355	652.2053
69.0197	391.4287	645.5763	625.2963	643.8615
69.0457	410.0863	654.0158	599.0523	622.0182
69.0717	415.6255	657.1111	609.0658	638.7119
69.0977	409.083	615.7581	594.5054	634.1733
69.1237	428.6058	614.3902	597.1374	658.6539
69.1497	435.0882	616.7415	579.5696	672.4381
69.1757	411.1592	616.376	563.8643	639.2767
69.2017	386.4616	636.0146	585.0219	641.0402
69.2277	383.8705	654.2653	589.0324	648.5567
69.2537	372.7207	636.7071	582.1802	631.9865
69.2797	377.9633	621.3545	587.3853	663.3178
69.3057	380.6581	634.6815	609.167	695.0523
69.3317	365.3753	635.401	625.0699	658.0769
69.3577	381.7885	641.3656	611.4237	638.6731
69.3837	396.2949	621.7583	585.4058	634.4058
69.4097	404.6367	616.7163	574.3959	628.0429
69.4357	383.3499	623.3996	571.838	629.3629
69.4617	376.1687	603.9349	576.9609	618.0776
69.4877	379.6024	603.9219	567.6073	596.2829
69.5137	378.7758	615.9	576.569	612.1242
69.5397	352.4914	618.5061	578.205	631.6938
69.5657	364.7987	634.1284	564.0729	642.1934
69.5917	372.8222	606.2949	580.353	620.7042
69.6177	356.6861	614.6277	575.8539	616.8105
69.6437	356.6674	607.3359	561.6691	641.0044
69.6697	364.6665	592.1819	566.8987	629.8484
69.6957	378.2275	593.1588	581.9013	640.9399
69.7217	366.8879	618.9662	562.2251	634.2019
69.7477	380.0112	608.185	581.5439	622.5103
69.7737	371.1189	594.7469	565.1494	650.939
69.7997	366.4137	599.3224	571.7557	667.7166
69.8257	338.2738	627.3428	581.0243	639.4868
69.8517	358.5829	591.7462	557.48	602.7639
69.8777	367.6846	584.4161	604.4631	647.9284
69.9037	349.6785	574.0588	603.6197	619.684
69.9297	365	596.2478	578.3839	603.9281
69.9557	360.5043	574.4138	554.569	631.9181
69.9817	347.2665	613.4424	567.6749	660.1588
70.0077	355.5326	564.0352	594.0426	616.1366
70.0337	345.6628	633.2314	632.7569	629.4235
70.0597	380.5122	598.1964	575.5012	643.5939

70.0857	366.796	633.8751	551.0194	619.4802
70.1117	376.5181	617.3818	598.6545	622.8272
70.1377	347.2274	612.1199	559.0742	601.5909
70.1637	321.2899	598.306	593.3836	613.8288
70.1897	334.877	579.2531	583.4991	633.7469
70.2157	328.7229	573.8915	587.5743	647.1486
70.2417	345.4629	621.0187	584.7595	653.6914
70.2677	377.7554	572.8504	532.1213	634.19
70.2937	399.4051	598.3833	614.4051	632.9367
70.3197	352.7812	581.6765	568.0819	603.0067
70.3457	387.3915	593.0666	600.7803	639.0866
70.3717	391.119	637.0553	528.4343	625.1148
70.3977	359.9988	635.4121	568.1839	610.2724
70.4237	380.0421	581.816	530.887	617.0644
70.4497	353.8722	604.4345	555.1533	644.8244
70.4757	348.8124	620.4371	560.7342	600.985
70.5017	337.377	584.9429	544.2342	662.5087
70.5277	402.7221	575.0421	584.8274	577.3621
70.5537	408.9152	598.6608	561.3392	597.7032
70.5797	348.4914	599.9759	576.6151	636.0619
70.6057	388.539	589.3737	560.5776	584.8347
70.6317	378.5268	601.4293	572.4293	609.7708
70.6577	360.9688	630.3854	579.6233	617.6233
70.6837	390.8965	592.6772	552.8486	604.8924
70.7097	347.6096	608.5267	600.0957	609.558
70.7357	351.3313	621.9134	618.6626	588.0061
70.7617	361.9714	632.0649	601.8702	609.5687
70.7877	382.7245	605.2064	602.6897	600.3446
70.8137	349.5342	604.6599	561.3277	614.073
70.8397	380.0689	564.6708	556	591.4518
70.8657	372.8648	616.2088	537.7972	644.342
70.8917	402.7045	594.1524	563.277	631.5781
70.9177	402.0713	618.6434	560.3774	594.1218
70.9437	416.9036	610.6075	579.9258	621.4813
70.9697	387.7427	612.9627	577.3831	612.2849
70.9957	396.5266	611.5484	600.5157	600.8281
71.0217	388.6983	598.0837	581.782	622.4107
71.0477	363.6744	591.0133	619.8539	622.4186
71.0737	396.5837	599.4491	573.5182	637.5359
71.0997	397.67	617.55	579.77	650.5525
71.1257	381.9512	605.8809	595.9785	646.8594
71.1517	422.7016	622.972	580.8163	651.0612
71.1777	411.5771	656.1706	598.1797	658.9819
71.2037	424.3965	652.4572	644.3661	599.7618

71.2297	458.204	657.4625	608.5036	627.4964
71.2557	442.1532	684.6929	641.6935	656.0515
71.2817	439.0804	713.1172	647.8391	666.3724
71.3077	455.9624	644.2067	630.1319	675.2831
71.3337	462	654.3565	635.323	664.9242
71.3597	436.9038	675.3566	697.6535	685.4528
71.3857	468.443	704.7392	680.2203	675.276
71.4117	521.6047	718.3416	680.3867	725.8926
71.4377	515.9507	728.3762	734.8016	748.2724
71.4637	523.7962	751.8804	738.2038	726.3967
71.4897	533.7427	797.2052	730.772	757.2345
71.5157	542.2811	827.2811	724.9563	764.9127
71.5417	568.6999	815.3442	741.3087	770.2205
71.5677	596.9724	802.2033	772.9669	781.1978
71.5937	621.1354	789.8095	758.4961	776.6992
71.6197	629.8419	772.7351	752.7392	768.9466
71.6457	616.4791	783.6431	736.9582	781.9357
71.6717	642.2301	771.2764	732.5394	796.2368
71.6977	636.4935	782.8586	712.1414	754.0571
71.7237	617.6298	786.8861	700.5628	727.1692
71.7497	628.7061	727.7624	704.5289	724.9406
71.7757	622.6486	740.8348	694.9219	718.0781
71.8017	614	738.0979	673.1257	712.8656
71.8277	596.5114	701.4938	653.0007	708.4984
71.8537	601.5286	692.3894	655.918	701.2049
71.8797	638.9151	685.9554	663.3588	690.5202
71.9057	607.0092	680.7338	658.0717	688.1204
71.9317	550.7801	677.3994	626.8407	685.08
71.9577	513.6953	696.2996	601.5499	673.6485
71.9837	474.7606	690.3592	599.2394	648.2359
72.0097	469.6863	677.5352	597.8604	640.6044
72.0357	475.9713	645.2461	597.3188	643.5941
72.0617	495.5378	632.3631	589.2548	638.9764
72.0877	493.2014	624.1675	576.9955	644.1946
72.1137	462.5861	588.4201	572.5621	638.5621
72.1397	415.0449	591.6266	571.5745	630.7236
72.1657	428.1551	586.8964	552.6553	627.3447
72.1917	430.8164	599.4747	531.4431	634.848
72.2177	413.105	587.2815	540.3151	614.666
72.2437	402.3405	598.5688	549.2727	604.1585
72.2697	371.352	623.5063	532.4152	576.8808
72.2957	368.5686	579.4582	516.0636	608.7525
72.3217	374.3112	598.4676	541.268	602.7554
72.3477	372.8914	602.6496	554.9631	618.0737

72.3737	381.4001	585.0696	544.1957	644.8521
72.3997	398.8053	602.4329	569.2814	604.9048
72.4257	352.1276	577.4571	562.1276	602.1578
72.4517	348.2616	574.6923	532.8923	613.6461
72.4777	379.6384	583.3292	516.542	601.4644
72.5037	335.7342	603.3231	531.6495	583.7915
72.5297	358.3776	548.914	518.2318	587.4167
72.5557	349.6722	553.9799	513.2319	605.1226
72.5817	339.6954	583.9201	496.8147	581.6358
72.6077	344.384	528.8997	504.7378	579.1519
72.6337	341.0733	503.5983	481.1525	569.4121
72.6597	353.2714	568.8254	490.9183	613.3719
72.6857	345.8663	588.5836	513.8612	627.4884
72.7117	322.7537	594.1827	507.1248	596.7798
72.7377	313.1625	555.6473	453.7431	576.6763
72.7637	349.2957	542.6989	473.1317	585.2876
72.7897	326.6024	574.7467	499.8557	575.9631
72.8157	322.5285	561.5942	513.1036	549.9898
72.8417	313.4652	570.1824	519.6475	595.6045
72.8677	324.5889	547.075	503.2442	561.6167
72.8937	320.6286	538.8143	457.3644	568.8572
72.9197	317	542.5568	494.9408	588.6588
72.9457	318.3873	601.1524	441.7016	609.4825
72.9717	334.8643	564.7476	479.5332	635.1954
72.9977	317.2024	561.2127	531.2024	552.4561
73.0237	303.3892	564.9568	514.8376	612.7458
73.0497	312.3666	564.5666	466.4001	585.0667
73.0757	322.9532	580.2043	448.9298	587.1404
73.1017	320.9596	547.1348	445.9191	593.0809
73.1277	317.9359	556.9893	440.1566	598.9573
73.1537	300.1145	554.0191	483.72	587.0764
73.1797	300	537.2768	448.5863	579.1303
73.2057	290.2621	524.3407	467.4759	570.2359
73.2317	309.2774	502.7949	454.5058	562.289
73.2577	295.6908	601.2106	431.1052	536.2434
73.2837	316.7126	573.9031	444.1604	575.5931
73.3097	318.9341	582.2751	472.089	576.1318
73.3357	295.8955	498.8995	438.8811	598.1803
73.3617	299.4856	523.0848	407.658	525.0308
73.3877	308.139	531.426	471.9209	589.4426
73.4137	328.6771	532	438.7514	588.9503
73.4397	314.1947	559.4192	475.5711	617.1882
73.4657	308.5017	553.3797	476.6272	605.2577
73.4917	267.3616	513.9555	448.3313	565.8202

73.5177	316.5571	557.574	415.7941	555.7264
73.5437	294.7423	538.9663	458.3089	552.4656
73.5697	309.872	528.9907	448.6326	596.2487
73.5957	308.2253	520.5754	445	592.6256
73.6217	308.6301	562.1969	449.8902	594.8902
73.6477	300.9489	576.8307	422.821	611.2972
73.6737	318.0846	508.0232	412.8192	597.5058
73.6997	288.4482	538.6867	468.5394	571.7977
73.7257	300.7097	527.9643	449.8848	571.4274
73.7517	285.5681	520.2346	423.1607	579.1234
73.7777	304.6871	570.6186	431.599	590.066
73.8037	304.053	570.5972	437.4912	575.8517
73.8297	295.8504	543.6659	440.207	626.6456
73.8557	291.8228	562.8522	434.4684	598.3758
73.8817	282.4102	550.8098	430.5684	580.7158
73.9077	316.4122	543.4118	439.8825	583.8236
73.9337	295.8097	538.4323	432.1685	568.2968
73.9597	290.2907	519.5349	423.5698	558.9419
73.9857	304.4657	524.1702	428.0851	612.766
74.0117	293.0112	580.6313	423.6718	615.683
74.0377	290.9065	565.3107	442.3135	610.5628
74.0637	319.2079	529.1338	448.8291	600.4265
74.0897	296.7232	527.3643	417.9969	604.4558
74.1157	278.506	512.2046	447.1089	567.1442
74.1417	289.2488	512.7152	440.0876	568.1299
74.1677	284.6867	536.9867	405.0467	589.8533
74.1937	285.1609	565.9024	409.7251	576.2911
74.2197	291.1736	569.1977	445.407	582.6047
74.2457	288.5386	549.7313	454.1927	593.8462
74.2717	289.9688	536.5981	456.6386	600.3707
74.2977	280.1877	547.3693	438.9325	605.4429
74.3237	294.621	551.9815	415.7172	619.7726
74.3497	327.8931	516.9162	401.7186	594.3952
74.3757	324.2359	521.5828	417.8372	560.9454
74.4017	307.8958	563.4863	433.7569	566.2084
74.4277	307.5372	533.8672	437.6563	584.1787
74.4537	319.4529	502.9455	448.4975	592.5173
74.4797	301.6944	534.9668	435.8348	564.1324
74.5057	306.9151	527.8617	436.808	554.241
74.5317	345.871	529.6784	451.5967	593.049
74.5577	348.4578	552.4337	441.3012	589.9879
74.5837	344.073	530.8646	424.2813	583.9788
74.6097	325.7363	515.1743	419.9419	588.8447
74.6357	318.5613	527.8243	418.579	546.7229

74.6617	338.3629	549.9468	414.5996	548.2899
74.6877	326.7314	544.1042	433.6549	571.348
74.7137	303.7541	543.6953	462.3558	570.4493
74.7397	320.7768	506.5046	457.0277	563.8745
74.7657	322.3785	524.4642	428.9199	571.1602
74.7917	323.3685	559.3147	429.6294	558.3168
74.8177	327.2275	545.4692	409.4692	546.7867
74.8437	333.6974	534.4408	410.2962	534.8291
74.8697	323.8208	543.7427	432.5961	577.4528
74.8957	306.6038	568.4556	428.275	583.4501
74.9217	328.4379	588.5189	431.2594	595.3407
74.9477	346.0391	564.927	430.1239	628.6452
74.9737	322.112	555.6351	452.9065	570.1778
74.9997	315.6024	536.8071	454.6505	584.1085
75.0257	322.5585	550.9738	458.9931	556.6161
75.0517	313.497	544.4634	432.8476	530.3923
75.0777	285.5188	542.546	436.6621	608.2253
75.1037	286.7505	494.4839	424.4689	612.7784
75.1297	289.3536	524.9049	462.0114	573.2395
75.1557	298.8519	548.8519	446.4443	571.7038
75.1817	292.1439	549.3939	454.2651	566.197
75.2077	289.1324	553.2526	441.2098	570.6436
75.2337	317.9985	514.5959	437.8031	562.5966
75.2597	318.9726	538.7094	427.4576	579.8604
75.2857	289.54	546.54	455.54	564.1995
75.3117	290.4692	543.047	459.3607	524.0146
75.3377	288.6057	518.0041	461.0349	563.3553
75.3637	319.3522	536.8966	439.6575	546.3618
75.3897	322.3695	527.9467	461.6501	590.6661
75.4157	296.2167	546.5216	442.1718	611.8247
75.4417	312.2047	548.9157	488.5543	643.2772
75.4677	321.5528	543.7638	476.7839	637.4472
75.4937	324.7924	561.4717	464.3836	626.761
75.5197	314.4535	521.4535	442.7234	574.719
75.5457	317.4651	530.2816	459.9192	611.6769
75.5717	301.1338	576.5198	456.945	611.0471
75.5977	317.7063	545.4626	432.6204	647.3436
75.6237	342.2654	567.0307	471.8266	588.6532
75.6497	310.863	550.4795	453.3288	548.2055
75.6757	331.1559	584.1895	528.0073	621.2855
75.7017	335.49	558.83	435.7863	569.2113
75.7277	312.1926	551.1586	472.1133	625.0906
75.7537	329.0366	565.0014	481.9395	632.9916
75.7797	354.7786	565.9915	439.3662	627.0511

75.8057	355	541.4609	504.7647	615.2213
75.8317	341.397	557.5179	462.2762	614.0284
75.8577	382.3539	575.3109	472.5406	614.9617
75.8837	375.4338	588.3733	441.5908	612.1446
75.9097	342.9763	582.4069	481.4424	580.9182
75.9357	354.0473	599.7071	540.849	606.9585
75.9617	351.3119	569.651	485.9902	622.8304
75.9877	372.8905	564.2637	474.6153	575.6584
76.0137	360.5651	631.6638	501.9677	627.8376
76.0397	373.2762	581.8953	539.7982	673.2595
76.0657	363.5296	612.0582	513.1181	603.8835
76.0917	360.2552	590.8275	486.3172	610.5759
76.1177	374.6624	618.9123	514.0498	630.2499
76.1437	353.128	595.8651	530.936	593.7817
76.1697	379.3354	576.675	516.147	628.2898
76.1957	387.4982	628.1273	518.8291	673.4727
76.2217	411.0385	643.114	510.9491	645.6194
76.2477	378.6074	581.408	552.8957	609.5491
76.2737	381.2414	580.6503	558.9852	637.5273
76.2997	399.8608	584.793	586.5494	657.1025
76.3257	404.7831	625.722	554.8442	630.2416
76.3517	402.6804	656.3298	540.9072	676.1236
76.3777	431.0043	658.9469	552.9756	650.0201
76.4037	417.3995	672.3136	550.9732	658.8471
76.4297	404.0526	670.3092	600.2964	608.7561
76.4557	407.1345	626.1902	594.5279	649.1474
76.4817	396.6991	651.5206	555.6095	654.3576
76.5077	411.9825	644.8765	601.0928	657.9912
76.5337	460.113	641.6299	581.7757	664.815
76.5597	468.6742	675.9155	591.7526	663.9186
76.5857	458.1611	663.3282	626.5685	689.6718
76.6117	457.0219	673.915	645.0876	716.1534
76.6377	475.2653	660.4302	616.4616	718.3517
76.6637	449.3313	649.3083	601.3083	699.6468
76.6897	459.9892	695.0943	614.8841	691.6442
76.7157	485.5142	697.1659	646.737	699.6114
76.7417	492.8731	707.7256	636.65	697.7564
76.7677	457.1338	707.2535	623.2289	693.3856
76.7937	481.7566	719.158	657.8528	731.0844
76.8197	501.1082	698.5137	648.4866	718.5407
76.8457	493	690.7861	643.9554	754.3903
76.8717	490.1263	695.103	662.897	749.1465
76.8977	485.1759	700.1669	668	700.009
76.9237	500.7569	707.4451	675.2137	714.4157

76.9497	510.6402	738.6089	673.3703	739.4498
76.9757	518.7713	752.1586	670.7454	730.6235
77.0017	528.4749	742.0503	707.0836	710.0727
77.0277	534.6978	741.9696	722.0588	728.7911
77.0537	547.5688	740.4947	696.8836	747.4312
77.0797	563.412	733.5602	675.1019	735.0556
77.1057	553.0967	741.078	673.2235	740.6507
77.1317	545.3147	741.2587	655.8951	757.7552
77.1577	545.1007	719.4128	650.6769	739.2543
77.1837	502.0262	703.8864	700.417	717.0125
77.2097	466.9882	685.8679	722.8797	747.5167
77.2357	484.6634	687.8959	694.1574	727.8789
77.2617	513.5741	708.3887	693.0916	710.7023
77.2877	513.832	706.1842	712.5365	761.2723
77.3137	515	706.4306	676.1272	739.1575
77.3397	506.2848	716.7195	640.8736	730.6424
77.3657	492.2276	710.3592	645.1193	711.2546
77.3917	504.5469	726.6133	702.6901	719.2226
77.4177	525.5345	718.069	665.2069	777.3578
77.4437	526.2081	710.1483	629.682	777.7513
77.4697	522.9901	707.0792	634.9307	750.6238
77.4957	501.624	711.3366	706.5945	763.9902
77.5217	493.3267	728.0078	696.9003	768.8605
77.5477	499.7018	745.7952	692.7455	775.0808
77.5737	504.6357	714.2274	683.786	743.2714
77.5997	485.3277	716.7031	715.1846	717.4231
77.6257	485.601	717.148	670.13	737.583
77.6517	493.6876	732.1914	674.9144	743.7229
77.6777	474.1372	754.6495	696.1152	750.7475
77.7037	481.5434	714.8521	671.0579	775.8585
77.7297	495.8925	694.0322	671.0645	790.957
77.7557	525.0504	757.8487	667.4807	796.1157
77.7817	515.176	766.0901	719.2317	775.5923
77.8077	489.607	774.0948	731.3438	772.7333
77.8337	489.5125	815.2457	716.6058	751.5125
77.8597	519.0345	818.4184	723.5679	780.4414
77.8857	512.2578	808.2444	669.3189	772.5722
77.9117	536.7786	793.245	687.8221	808.4699
77.9377	541.8093	808.4043	691.3663	839.3055
77.9637	524.2619	863.5326	712.0519	824.6342
77.9897	518.8503	906.7787	709.9618	845.3328
78.0157	542.1053	891.7893	723.684	857.5595
78.0417	552.7191	876.0763	711.8488	889.8473
78.0677	573.1488	869.0344	768.9236	914.6985

78.0937	538.9512	912.374	747.3008	909.5528
78.1197	555	898.2122	756.7198	946.5076
78.1457	555.5313	890.7343	746.4169	940.406
78.1717	559.0342	890.2803	759.1915	925.2581
78.1977	538.4736	916.2442	742.9471	936.0148
78.2237	570.8242	909.1157	810.1764	882.6467
78.2497	553.6126	955.5794	809.9215	894.5637
78.2757	584.4159	889.5452	751.2462	926.5967
78.3017	569.7678	902.5357	782.2902	965.8549
78.3277	562.0573	886.5416	791.6371	960.8281
78.3537	565.2386	863.0367	773.2936	951.4403
78.3797	590.9806	866.997	804.9761	891.0455
78.4057	563.2987	878.872	785.2134	861.3201
78.4317	519.906	856.4736	727.2149	948.1674
78.4577	591.7115	805.5867	752.1761	892.8003
78.4837	572.8896	846.2208	745.3235	880.4448
78.5097	528.3165	836.6043	728.8561	907.5396
78.5357	580.5038	812.507	730.8192	828.1841
78.5617	588.649	789.6147	791.4369	810.9126
78.5877	598.1988	768.6826	755.5255	852.3143
78.6137	587.1706	787.019	723.7915	876.9289
78.6397	538.2984	804.3005	748.0009	867.2996
78.6657	519.6484	781.077	726.077	866.8901
78.6917	546.166	782.4009	686.9124	828.2718
78.7177	521.2813	820.4213	656.7623	815.1676
78.7437	531.6258	769.2175	714.0843	819.162
78.7697	501.6841	723.432	724.8504	815.7479
78.7957	499.362	727.086	734.2455	809.957
78.8217	533.223	768.8676	731.8471	798.2025
78.8477	519.4837	790.9511	736.7446	776.3043
78.8737	485.003	772.921	695.842	793.079
78.8997	494.817	788.821	688.4024	757.9596
78.9257	498.2091	753.6648	696.9089	737.7185
78.9517	480.8188	745.3429	677.133	760.7718
78.9777	472.1448	700.5086	674.0842	767.229
79.0037	476.3278	725.0559	685.6557	770.0445
79.0297	475.7464	800.1005	675.4785	724.4258
79.0557	469.0698	762.4394	693.2382	840.2055
79.0817	480.1643	729.567	686.373	775.5659
79.1077	464.8	722.8357	662.9643	755.2
79.1337	463.4036	736.9416	678.0567	777.9416
79.1597	477.2254	714.9366	679.2826	798.7333
79.1857	482.6917	703	669.0834	798.0834
79.2117	495.2713	705.0452	674.8626	772.5026

79.2377	484.8764	696.5946	696.4673	770.0618
79.2637	462.4383	691.3381	670.5814	782.6046
79.2897	485.6427	730.7704	677.775	767.4408
79.3157	431.3744	711.5508	678.159	776.2615
79.3417	408.4353	703.539	648.2434	750.9687
79.3677	422.9776	697.6893	649.3107	759.8659
79.3937	455.3896	724.5125	654.3263	729.6296
79.4197	467.9764	717.4843	633.3268	717.0708
79.4457	432.6007	704.5168	667.8027	726.0378
79.4717	416.2427	732.8832	697.0874	714.6797
79.4977	450.3475	759.1615	701.2985	738.9201
79.5237	466.2479	737.3037	672.2397	756.9359
79.5497	442.7592	727.1605	629.9702	738.0757
79.5757	441.0279	713.1156	630.5707	742.2848
79.6017	458.9278	704.191	648.3949	744.2761
79.6277	470.2298	711.9081	682.7641	725.6323
79.6537	450.8861	689.9906	656.6678	716.9739
79.6797	435.5471	698.1695	656.8107	752.7291
79.7057	428.2035	680.1173	691.2035	734.253
79.7317	426.5322	664.4475	661.5012	681.8664
79.7577	454.2544	712.1479	649.787	707.3017
79.7837	459.731	715.56	646.5848	747.2207
79.8097	450.3606	707.2564	649.7917	751.9407
79.8357	460.8721	707.5715	662.2256	731.4512
79.8617	450.3159	684.4232	660	715.7243
79.8877	419.4574	677.7465	662.5426	707.3564
79.9137	420.1384	694.7245	651.5157	697.7911
79.9397	426.8078	699.5961	650.7919	708.3524
79.9657	420.1201	695.8481	655.9664	732.8445
79.9917	411.4566	685.623	632.4425	709.508
80.0177	415.5034	666.1497	636.0409	747.3673
80.0437	415.5496	656.7414	629.3105	743.5301
80.0697	411.851	682.9834	666.1027	728.4172
80.0957	405.2652	706.0994	655.2118	733.0663
80.1217	420.3311	686.2466	640.3074	732.9865
80.1477	412.1847	652.525	617.2111	719.1583
80.1737	405.2361	701.8992	605.09	699.4492
80.1997	417.3437	706.5387	619.7892	694.883
80.2257	406.9366	655.9477	646.5594	719.3471
80.2517	406.8424	678.9515	667.8909	716.1333
80.2777	419.2749	697.2809	639.4501	728.9487
80.3037	427.9501	656.1652	645.6851	741.205
80.3297	446.6839	691.3069	655.2663	729.8171
80.3557	433.3226	655.6452	628.1096	699.8129

80.3817	422.9409	648.9961	635.8858	696.8219
80.4077	417.2128	692.2128	599.2379	731.167
80.4337	401.2159	676.2159	625.6152	772.7846
80.4597	450.7398	719.5758	608.2602	766.4523
80.4857	440.0445	684.2623	622.6709	751.4531
80.5117	432.3712	680.425	639.6888	762.5931
80.5377	438.2169	709.1345	615.1626	703.258
80.5637	456.6738	690.3369	626.6844	737.6897
80.5897	452.0262	689.8054	611.5586	725.819
80.6157	461.6866	698.141	609.0548	771.4113
80.6417	453.864	662.6245	553.2968	729.9923
80.6677	450.8565	694.3957	612.4306	745.9738
80.6937	436.2323	707.6311	650.4946	725.3485
80.7197	430.5628	677.4314	604.1874	727.3625
80.7457	371.0824	643.0456	629.1698	722.9632
80.7717	401.5552	681.864	612.864	730.4448
80.7977	419.6825	690.6176	621.847	713.0822
80.8237	440.599	685.6672	619.6672	699.9367
80.8497	449.7363	679.9239	614.4337	673.6052
80.8757	461.5329	665.0363	605.5606	716.2993
80.9017	451.8896	725.602	617.3311	703.0301
80.9277	448.4626	689.3762	625.4626	729.7313
80.9537	429.1356	701.8138	607.1184	720.932
80.9797	436.986	633.4495	671.4241	774.9157
81.0057	435.0058	696.8145	590.2377	763.0348
81.0317	434.0128	705.8846	638.3718	652.436
81.0577	386.1144	658.1144	649.7498	691.0675
81.0837	409.1834	705.3667	648.0653	747.138
81.1097	403.2981	713.7019	603.0016	704.9591
81.1357	455.1119	708.3151	566.8904	701.105
81.1617	417.6846	689.2487	649.381	709.4381
81.1877	436.3358	701.9147	637.3747	720.2041
81.2137	450.8481	697.4937	615.8101	705.3987
81.2397	431.1206	759.6382	648.4964	664.9646
81.2657	447.8554	718.4125	648.4085	708.5875
81.2917	445.5602	666.8263	623.1372	762.8376
81.3177	449.3902	778.6565	637.5607	740.0249
81.3437	482.1201	756.8031	612.2204	743.813
81.3697	428.6432	714.0979	692.1025	751.0073
81.3957	443.5997	730.0549	679.7037	731.6416
81.4217	439.6166	709.688	660.7482	743.0902
81.4477	470.3085	744.7642	686.1663	750.9705
81.4737	474.5445	753.8185	692	778.192
81.4997	448.1255	772.5973	746.9832	779.1485

81.5257	483.5301	772.2081	765.5906	780.396
81.5517	506.6197	771	754.3803	772.3239
81.5777	511.5576	789.6914	740.8755	793.3643
81.6037	519.6889	800.3822	731.8489	806.1511
81.6297	556.1535	836.9124	759.5997	825.4562
81.6557	610.4445	851.7452	793.7184	816.7682
81.6817	592.4787	833.0437	767.2613	869.6514
81.7077	610.8971	830.3752	779.0636	848.4357
81.7337	623.4386	842.7891	745.5627	801.3518
81.7597	645.2806	864.0245	770.1425	827.3051
81.7857	701.5614	811.5483	797.4915	821.3176
81.8117	688.214	834.9552	784.7623	823.7217
81.8377	679.1163	839.3307	756.6124	801.8165
81.8637	665.928	844.3933	748.3393	839.8945
81.8897	650.0831	806.7972	772.7507	808.9219
81.9157	629.1047	772.9531	721.3176	804.6932
81.9417	609.1217	774.0389	717.0752	804.5621
81.9677	623.1592	785.5597	749.1194	779.9907
81.9937	594.0765	748.4564	741.8786	761.9393
82.0197	574.4912	701.6454	749.0837	766.7621
82.0457	564.1952	740.2182	730.5898	766.3977
82.0717	578.0212	773.8194	693.2914	762
82.0977	584.7142	741.6603	689.1251	751.5534
82.1237	596.8246	731.5497	724.663	762.2541
82.1497	579.0504	694.4769	702.1584	750.7766
82.1757	505.5474	677.8215	674.7084	729.8988
82.2017	476.8135	693.4593	659.373	731.1627
82.2277	474.3234	687.6925	677.6219	729.2847
82.2537	470.7708	686.6458	656.8753	698.9168
82.2797	466.7818	653.2146	618.7291	696.9909
82.3057	466.5187	676.6153	635.0118	737.0355
82.3317	472.5626	739.4196	658.6783	727.9915
82.3577	475.2548	717.5372	655.3487	725.5005
82.3837	465.9786	688.5288	620.6907	743.1044
82.4097	441.0806	688.4613	631.9874	707.5513
82.4357	442.9302	675.9101	641.4937	682.611
82.4617	468.2436	676.7752	621.2073	696.2705
82.4877	461.2659	701.0207	609.7595	704.1162
82.5137	425.7839	687.7141	617.5613	678.3412
82.5397	427.4103	658.6481	662.6454	688.2867
82.5657	439.6071	643.7683	666.563	727.3313
82.5917	416.9222	638.4858	635.9753	716.9307
82.6177	390.6033	648.9096	617.166	718.6679
82.6437	425.5078	660.1839	648.3678	704.2518

82.6697	452.5345	679.4311	659.3446	728.9138
82.6957	449.957	672.801	630.7043	719.2527
82.7217	424.6798	639.9199	626.1821	686.1774
82.7477	406.9815	635.3292	623.9723	655.3169
82.7737	424.8029	653.7968	633.9404	674.0596
82.7997	432.938	688.5623	617.3125	692.5623
82.8257	430.0508	690.4873	617.6975	716.8752
82.8517	438.7329	682.9034	621.0966	737.494
82.8777	414.1268	674.9789	633.5443	682.3078
82.9037	390.2738	679.1817	637.545	704.7262
82.9297	415.9369	679.3657	618.646	680.903
82.9557	437.9649	674.1124	586.0234	652.1475
82.9817	437.0192	648.2342	599.2902	635.4772
83.0077	454.0752	669.7744	620.6015	669.1955
83.0337	428.4463	655.1496	613.9915	676.7515
83.0597	431.0662	680.1764	607.6397	657.3456
83.0857	435.2033	652.7635	621.1824	660.5105
83.1117	428.651	635.4907	655.1369	641.3207
83.1377	398	612.6596	613.0826	649.5322
83.1637	404.7684	672.2974	607.9587	645.2561
83.1897	435.691	680.6368	604.309	661.0724
83.2157	426.6944	642.0778	612.6908	689.3056
83.2417	417.4508	635.1308	616.5363	701.4249
83.2677	433.5826	628.1497	591.7639	695.4567
83.2937	409.8336	652.6452	640.7606	679.8676
83.3197	440.9216	638.7364	630.4038	691.0167
83.3457	419.8105	663.8515	618.4164	723.338
83.3717	442.5874	694.9282	622.0942	665.2466
83.3977	430.6007	672.641	624.9377	657.663
83.4237	450.8987	647.7433	647.1892	653.1081
83.4497	485.9695	653.973	659.2306	644.8982
83.4757	471.9807	613.6503	620.6889	683.4587
83.5017	487.7523	676.1534	650	624.3171
83.5277	459.9609	657.7575	649.0994	673.619
83.5537	430.6293	651.3213	623.7776	663.9639
83.5797	415.6598	663.7781	615.1035	701.0089
83.6057	393.1412	649.0925	621.9464	635.3361
83.6317	421.8535	667.904	611.0556	703.6514
83.6577	442.6855	637.4642	572.584	642.9284
83.6837	474.2033	644.8008	638.307	692.7054
83.7097	455.6964	623.766	653.5125	658.2883
83.7357	441.6264	643.0604	639.6711	698.0761
83.7617	458.0161	675.1961	621.0386	645.1705
83.7877	438.4209	693.8375	578.8418	685.9645

83.8137	424.9686	677.4157	636.157	689.9255
83.8397	411.182	658.6042	624.5197	679.0132
83.8657	424.4904	609.0007	629.3395	682.5282
83.8917	423.3128	629.0803	611.1898	645.3795
83.9177	439.8303	645.287	609	664.0309
83.9437	371.9296	640.8688	630.897	675.7588
83.9697	430.4107	607.9595	595.8978	655.351
83.9957	443.5681	682.6113	631.9458	635.7353
84.0217	434.6928	635.9259	614.4627	643.1534
84.0477	426.3105	666.8096	611.6724	675.9391
84.0737	407.6484	654.3433	615.3051	652.2543
84.0997	433.3885	611.6317	611.1019	678.6539
84.1257	414.1944	648.9662	596.2908	682.7743
84.1517	419.9475	620.9714	620.8776	682
84.1777	419.8537	598.4147	631.9329	651.3234
84.2037	449.2896	622.9597	617.4669	638.3401
84.2297	407.3955	628.6998	631.4016	634.6998
84.2557	427.5702	621.1887	650.6226	625.6751
84.2817	453.9378	610.7842	628.1119	624.4938
84.3077	445.7346	652.9551	610.8933	653.7418
84.3337	422.0968	615.9257	606.5459	595.6577
84.3597	400.6575	612.4938	614.6055	636.6925
84.3857	391.464	604.1488	621.536	638.9552
84.4117	431.1395	609.8537	615.3299	632.4864
84.4377	411.8827	610.1885	607.8759	628.5011
84.4637	416.0005	592.419	576.1929	615.8385
84.4897	410.6472	638.401	594.7081	625.0178
84.5157	392.4786	616.9959	609.6848	616.8754
84.5417	387	605.601	616.1243	653.0414
84.5677	411.2343	617.4642	589.3882	655.3167
84.5937	414.327	604.9323	596.4851	654.9286
84.6197	409.8537	597.8537	604.821	633.5766
84.6457	426.1995	601.4319	614.3755	634.2393
84.6717	421.0486	604.1961	610.4408	640.6175
84.6977	429.2321	612.0576	607.2932	634.6475
84.7237	433.3268	638.972	624.2989	638.7821
84.7497	405.405	661.8195	612.9733	639.022
84.7757	387.3249	648.5739	585.2743	614.2237
84.8017	400.2596	646.6142	569.9671	599.7422
84.8277	437.3105	627.3813	573.0778	649.3899
84.8537	453.1854	606.2288	612.7732	667.2702
84.8797	439.7012	616.7428	612.4354	637.1451
84.9057	401.9834	611.2986	592.1226	614.7724
84.9317	380.4825	612.4708	589.5222	636.4195

84.9577	399.7339	607.3992	607.379	661.7107
84.9837	409.6051	609.5965	628.8152	655.3529
85.0097	395.2734	621.6805	615.3712	646.8043
85.0357	395.7743	630.6615	592.93	642.642
85.0617	405.7109	634.3358	591.9689	668.8243
85.0877	412.9362	627.0113	614.8786	659.7635
85.1137	425.13	645.7062	607.4125	623.2825
85.1397	399.2218	640	590.5471	619.3222
85.1657	403.8482	630.1712	597.3336	611.2666
85.1917	434.0098	619.5965	610.0078	609.3938
85.2177	413.9341	626.1691	599.5588	629.1319
85.2437	399.544	618.1261	590.9868	650.6965
85.2697	407.4921	608.6572	589.6429	650.7539
85.2957	428.5623	608.4825	601.4437	627.0817
85.3217	412.8	598.15	583.1999	617.9
85.3477	411.5386	615.2996	601.9595	628.7004
85.3737	403.9523	597.8034	606.9141	630.0191
85.3997	422.9665	590.1353	622.1179	629.5225
85.4257	426.1742	603.6588	630.8948	617.1402
85.4517	389.4981	547.8178	646.878	575.7035
85.4777	396.7472	588.4235	604.9667	594.7804
85.5037	416.8281	601.1448	602.2443	629.647
85.5297	405.3299	594.8016	606.1057	641.4356
85.5557	412.5681	629.393	605.4319	630.5333
85.5817	409.0279	609.9628	611.2291	595.545
85.6077	434.314	579.2988	600.875	636.5915
85.6337	422.303	608.4703	616.0658	639.3919
85.6597	397.3479	633.6454	583.7748	664.7177
85.6857	391.5885	574.3113	643.4905	633.4776
85.7117	408.8221	575.8454	591.793	637.793
85.7377	418.6452	608.1474	595.6059	634.7212
85.7637	394.9121	613.1813	621.4835	643.8132
85.7897	394.6277	610.9149	581.0273	645.6583
85.8157	410.3795	601.6516	612.7394	616.4533
85.8417	385.2447	632.9702	600.6969	621.5752
85.8677	436.1502	639.6095	601.5493	606.7253
85.8937	434.161	613	621.2146	607.2976
85.9197	450.9811	613.8525	645.2247	655.789
85.9457	419.6509	621.3424	619.7898	610.7763
85.9717	403.5485	634.1408	633.8981	613.3834
85.9977	424.5277	645.7306	634.0122	653.8404
86.0237	408.6865	576.7092	641.6192	668.7162
86.0497	395.2991	603.9687	613.1235	631.0617
86.0757	412.0623	570.8516	594.7271	619.1868

86.1017	412.686	655.1276	681.157	621.8953
86.1277	409.5868	587.0355	683.2367	619.2367
86.1537	466.8306	633.8771	664.8306	603.7866
86.1797	432.2031	658.7365	630.9927	656.0749
86.2057	441.2022	604.0379	673.545	616.5309
86.2317	456.9755	607.0761	638.1929	657.9212
86.2577	448.0648	634.7983	708.4885	629.2089
86.2837	457.8287	697.9039	661.8221	591.6508
86.3097	475.5131	666.8926	619.1631	609.4861
86.3357	435.5528	662.1479	639.1866	614.8151
86.3617	453.0621	705.8429	645.7186	662.6553
86.3877	498.3296	640.0908	668.6364	668.7727
86.4137	487.9343	654.6652	655.0678	649.4015
86.4397	482.3833	647.6899	643.8433	656.3101
86.4657	506.6623	688.1038	706.9392	646.039
86.4917	540.6223	664.8952	717.5175	665.7804
86.5177	497.5342	698.6365	722.4679	637.6185
86.5437	499.9528	683.5597	715.0472	656.0912
86.5697	517.6008	714.2016	681.6721	644.1466
86.5957	562.3265	704.3153	702.0504	635.0896
86.6217	527.1597	681.5068	710.2694	673.2786
86.6477	508.1846	694.8792	765.0135	690.9715
86.6737	543.5317	698	714.9492	701.3404
86.6997	579.8441	681.5177	692.2865	688.99
86.7257	626.7097	680.4426	681.8581	650.9897
86.7517	560.3985	669.7402	694.4769	660.694
86.7777	571.3909	695.5966	705.9435	632.4317
86.8037	560.1738	674.7606	700.1557	667.1435
86.8297	568.9411	663.902	708.0686	668.1569
86.8557	564.5896	649.2375	707.9417	679.5271
86.8817	577.8479	648.7733	706.2453	659.8509
86.9077	527.8894	669.3632	700.0421	623.7
86.9337	544.2711	659.8341	711.9615	636.0445
86.9597	551.2009	642.4017	695.2532	678.7949
86.9857	508.2467	637.285	684.8551	705.5844
87.0117	519.4969	626.4243	686.8202	654.5961
87.0377	517.7926	637.2928	637.2558	627.5244
87.0637	522.2781	649.4816	673.2423	640.3893
87.0897	516.8708	651.3247	687.8449	667.2584
87.1157	529.2993	654.9922	701.2954	634.417
87.1417	523.5804	626.8499	678.2282	640.5283
87.1677	492.116	638.1116	682.302	616.2691
87.1937	499.9745	628.2119	664.7628	629.322
87.2197	495.1069	653.4172	642.369	633.3583

87.2457	490.5417	650.5229	654.3937	646.7827
87.2717	491.5767	620.6718	643.4019	645.2485
87.2977	456.0335	632.2607	660.3911	615.9311
87.3237	434.7579	620.8028	682.7579	618.2355
87.3497	450.4015	613.9451	696.0972	639.9451
87.3757	464.3968	614.0741	689.1482	637.2434
87.4017	466.4438	611.8935	663.0947	621.7692
87.4277	444.1483	616.0926	670.0276	635.1202
87.4537	435.6546	623.4364	676.4181	633.8362
87.4797	448.738	630.5793	662.6826	606.8917
87.5057	461.2644	646.4627	655.967	605.814
87.5317	469.5066	647.8415	661.0792	643.8763
87.5577	455.5963	612.656	658.0598	630.2789
87.5837	439.053	599.2219	665.5498	586.053
87.6097	436.5232	614.2915	674.8938	596.3977
87.6357	448.1397	635.342	654.3272	601.1287
87.6617	450.5752	630.2365	640.086	608.8226
87.6877	448.1767	597.0822	660.4593	630.8941
87.7137	454.1314	591.8743	665.5798	621.9456
87.7397	456.3895	605.8167	660.2156	625.6617
87.7657	470.0789	598.7965	680.8194	624.6311
87.7917	473.3328	577.2214	663.5188	600.9623
87.8177	472.8712	609.7059	662.1669	621.1542
87.8437	456	614.9485	676.5881	630.4499
87.8697	451.4687	613.3	682.4687	627.6224
87.8957	448.0446	652.0585	679.4123	625.5292
87.9217	467.5219	634.4781	689.8621	622.6422
87.9477	482.6952	618.9569	693.6086	618.5215
87.9737	463.5932	618.1452	698.0964	624.8411
87.9997	453.984	587.064	705.44	643.44
88.0257	455.6819	597.1305	689.7735	613.778
88.0517	453.1511	631.6858	689.006	594.4078
88.0777	469.2799	627.9647	695.6141	626.3159
88.1037	506.6208	645.1714	685.6753	620.5766
88.1297	486.8462	647.1538	693.9305	629.2381
88.1557	496.8991	629.3153	730.919	643.973
88.1817	481.7073	618.8975	699.0342	625.5022
88.2077	472.7789	610.7459	700.7569	605.2431
88.2337	457	618.7288	690.5551	607.8065
88.2597	476.6749	629.6791	676.8633	620.2432
88.2857	529.8687	610.4714	704.8148	660.7744
88.3117	483.2089	630.8357	724.0893	615.6412
88.3377	490.9654	636.5871	730.0099	638.3931
88.3637	511.0583	643.7855	725.7818	640.5964

88.3897	475.0292	628.5667	736.4458	627.7917
88.4157	468.0309	628.7698	716.2466	634.8153
88.4417	483.5763	657.8576	740.4068	632.8237
88.4677	514.7928	643.1712	735.5856	645.9782
88.4937	518.4446	678.9788	756.9763	606.8369
88.5197	481.2389	641.2632	756.9109	612.5182
88.5457	502.1626	597.5552	716.7178	617.0767
88.5717	498.633	612.6204	721.4514	624.232
88.5977	514.1125	644.9936	720.0934	619.7962
88.6237	461.8088	670.652	749.4378	632.2256
88.6497	475.9158	656.7602	762.1613	598.3969
88.6757	540.8491	654.4901	740.0197	651.0306
88.7017	500.803	658.0552	730.1251	675.1153
88.7277	527.9463	613.1541	775.8389	629.3979
88.7537	509.4491	636.6907	716.8453	620.6165
88.7797	543.1204	676.181	737.637	680.7251
88.8057	515.6939	649.0408	757.9388	608.347
88.8317	548.4337	602.9476	755.0734	625.5453
88.8577	495.0254	598.0339	761.991	676.9757
88.8837	539.5789	657.4385	746.1497	634.4024
88.9097	509.5977	644.2699	724.4242	615.3663
88.9357	521.6204	596.4309	786.1311	628.5912
88.9617	512.3912	644.9655	792.8044	637.6479
88.9877	474.9128	625.1281	821.5286	684.5967
89.0137	496.5258	693.6363	770.3023	642.7715
89.0397	579.0064	723.1399	757.6889	652.1044
89.0657	535.2559	645.778	738.5763	640.1034
89.0917	534.6451	651.7577	789.8533	621.686
89.1177	550.3228	667.4215	808.5201	645.2376
89.1437	557.3485	679.697	753.8406	644.4343
89.1697	539.4886	630.7547	778.7339	593.7547
89.1957	539.6147	644.9178	782.1284	648.8818
89.2217	477.0994	663.5097	766.4903	626.1189
89.2477	556.4317	685.5898	806.5865	652.514
89.2737	511.3898	702.4689	778.6441	667.2599
89.2997	529.9479	686.6985	778.6551	624.9101
89.3257	569.7005	620.5308	801.371	625.8636
89.3517	595.6769	654.9104	811.6843	640.1806
89.3777	584.7597	657.9788	813	678.2932
89.4037	521.5853	655.2078	769.4292	664.0263
89.4297	570.9287	652.6532	802.5896	671.2987
89.4557	571.2359	652.7724	818.0894	666.5041
89.4817	569.8121	682.7347	799.9393	644.9393
89.5077	561.9699	666.4148	805.2876	629.9699

89.5337	564.1981	683.9905	787.465	647.0498
89.5597	550.6141	706.1879	812.2371	639.3468
89.5857	559.4548	680.6449	843.514	662.9096
89.6117	557.159	670.4256	846.7231	669.7231
89.6377	575.0869	661.8624	799.3118	667.2971
89.6637	595.7805	658	841.6746	667
89.6897	590.0712	647.7542	836.8966	656.7542
89.7157	578.2687	665.8864	848.9251	661.4238
89.7417	596.8858	676.3368	814.9123	672.6321
89.7677	576.6424	681.2263	813.8649	651.1752
89.7937	570.2938	687.2168	831.1469	652.7973
89.8197	588.0353	699.135	815.6303	654.6656
89.8457	611.835	691.9061	800.6354	672.8231
89.8717	616.4776	672.3417	810.8855	639.9804
89.8977	622.0551	661.9816	846.1653	636.3542
89.9237	595.9375	679.5938	846.1875	638.1562
89.9497	623.0415	698.2545	832.8323	658.3591
89.9757	705.0603	684.7828	817.0785	678.8522

Figure 5a-b (Page 75-117)

Wavenumber (cm ⁻¹)	Intensity	
	SnSe ₂	SnSe ₂ -GO
399.264912	6.172548	6.072309
401.193728	5.874536	6.327715
403.122544	5.562671	6.364081
405.05136	5.441139	6.306612
406.980176	5.333817	6.257194
408.908992	5.305773	6.199663
410.837808	5.261492	6.214856
412.766624	5.013762	6.181104
414.69544	4.94813	6.043292
416.624256	5.047422	5.834682
418.553072	4.944026	5.673177
420.481888	4.92013	5.872865
422.410704	4.891085	5.847829
424.33952	4.910958	5.773907
426.268336	4.820216	5.77342
428.197152	4.671854	5.752666
430.125968	4.546782	5.678048
432.054784	4.572087	5.681504
433.9836	4.520929	5.697669

435.912416	4.444031	5.619864
437.841232	4.435755	5.610549
439.770048	4.399393	5.541563
441.698864	4.274592	5.442177
443.62768	4.217473	5.352364
445.556496	4.256164	5.26149
447.485312	4.230227	5.259632
449.414128	4.210281	5.248247
451.342944	4.283742	5.193439
453.27176	4.249994	5.146037
455.200576	4.103649	5.100248
457.129392	4.123994	5.11911
459.058208	4.144519	5.087637
460.987024	4.04404	5.054529
462.91584	3.98605	5.011346
464.844656	3.887958	4.99536
466.773472	3.900173	4.908106
468.702288	3.860486	4.879582
470.631104	3.825405	4.931585
472.55992	3.866317	4.977528
474.488736	3.79996	4.979684
476.417552	3.746367	4.987204
478.346368	3.761164	5.008859
480.275184	3.694406	5.044018
482.204	3.623011	5.051895
484.132816	3.606319	5.074598
486.061632	3.628054	5.123375
487.990448	3.621081	5.142142
489.919264	3.506178	5.126381
491.84808	3.395982	5.151805
493.776896	3.399157	5.199406
495.705712	3.375216	5.216247
497.634528	3.356731	5.233286
499.563344	3.359495	5.262749
501.49216	3.354485	5.259157
503.420976	3.318153	5.348195
505.349792	3.279398	5.415429
507.278608	3.16272	5.41826
509.207424	3.149961	5.42877
511.13624	3.178084	5.436609
513.065056	3.178343	5.433502
514.993872	3.135466	5.387521
516.922688	3.072972	5.33527
518.851504	3.097748	5.346028
520.78032	3.136324	5.420772

522.709136	3.075603	5.462864
524.637952	2.989359	5.487809
526.566768	2.949085	5.511204
528.495584	2.998099	5.499214
530.4244	3.045683	5.481895
532.353216	3.026943	5.505185
534.282032	3.007657	5.51114
536.210848	2.946938	5.490341
538.139664	2.932653	5.487092
540.06848	2.971668	5.47568
541.997296	2.958894	5.452787
543.926112	2.909289	5.416069
545.854928	2.886203	5.40632
547.783744	2.846239	5.406248
549.71256	2.791172	5.41679
551.641376	2.799837	5.43544
553.570192	2.809735	5.429577
555.499008	2.822954	5.414232
557.427824	2.804074	5.410447
559.35664	2.781824	5.419064
561.285456	2.794412	5.401636
563.214272	2.79135	5.394197
565.143088	2.731595	5.384523
567.071904	2.678305	5.3699
569.00072	2.665923	5.379049
570.929536	2.651638	5.400669
572.858352	2.666256	5.399771
574.787168	2.691959	5.361777
576.715984	2.707952	5.360543
578.6448	2.7335	5.359874
580.573616	2.680558	5.35286
582.502432	2.630542	5.35194
584.431248	2.615024	5.365192
586.360064	2.606414	5.38006
588.28888	2.636915	5.385256
590.217696	2.66485	5.35844
592.146512	2.663478	5.358891
594.075328	2.662374	5.365563
596.004144	2.613483	5.374295
597.93296	2.588063	5.376388
599.861776	2.577337	5.344256
601.790592	2.58034	5.327392
603.719408	2.592212	5.320878
605.648224	2.600045	5.332156
607.57704	2.596509	5.337681

609.505856	2.5757	5.339364
611.434672	2.551667	5.322782
613.363488	2.542583	5.31696
615.292304	2.527174	5.296027
617.22112	2.509211	5.298104
619.149936	2.486057	5.305241
621.078752	2.49142	5.280298
623.007568	2.518721	5.276175
624.936384	2.49139	5.296755
626.8652	2.449976	5.28791
628.794016	2.447262	5.262995
630.722832	2.453936	5.272711
632.651648	2.448618	5.280808
634.580464	2.43076	5.271053
636.50928	2.423434	5.262574
638.438096	2.397543	5.250308
640.366912	2.374449	5.246213
642.295728	2.368056	5.258142
644.224544	2.381801	5.257849
646.15336	2.379955	5.253757
648.082176	2.362	5.246977
650.010992	2.352484	5.232994
651.939808	2.367305	5.247261
653.868624	2.358407	5.25996
655.79744	2.347027	5.257264
657.726256	2.359057	5.239923
659.655072	2.354043	5.240157
661.583888	2.33313	5.260503
663.512704	2.299708	5.253832
665.44152	2.309406	5.194458
667.370336	2.369181	5.19926
669.299152	2.379464	5.344331
671.227968	2.327431	5.302609
673.156784	2.287368	5.288708
675.0856	2.292742	5.281537
677.014416	2.308602	5.278305
678.943232	2.317233	5.267158
680.872048	2.330202	5.274605
682.800864	2.315359	5.287203
684.72968	2.294773	5.286399
686.658496	2.277405	5.268516
688.587312	2.274992	5.263866
690.516128	2.291895	5.269554
692.444944	2.303153	5.268265
694.37376	2.314556	5.262442

696.302576	2.327995	5.250861
698.231392	2.322008	5.248657
700.160208	2.295863	5.257447
702.089024	2.287692	5.251712
704.01784	2.288012	5.242585
705.946656	2.267715	5.239923
707.875472	2.246424	5.236786
709.804288	2.24914	5.225646
711.733104	2.263886	5.225574
713.66192	2.268014	5.219129
715.590736	2.292447	5.208881
717.519552	2.30208	5.203695
719.448368	2.289306	5.195528
721.377184	2.271415	5.189142
723.306	2.244305	5.183856
725.234816	2.234853	5.16497
727.163632	2.240034	5.160369
729.092448	2.250745	5.16472
731.021264	2.27106	5.158918
732.95008	2.266935	5.151144
734.878896	2.241949	5.154554
736.807712	2.232725	5.154906
738.736528	2.232251	5.158737
740.665344	2.231325	5.147895
742.59416	2.237579	5.139899
744.522976	2.242011	5.147437
746.451792	2.257019	5.141127
748.380608	2.26228	5.133663
750.309424	2.256904	5.133377
752.23824	2.258473	5.127729
754.167056	2.249148	5.119163
756.095872	2.23463	5.105437
758.024688	2.234966	5.099878
759.953504	2.241951	5.099856
761.88232	2.240823	5.093092
763.811136	2.2478	5.079764
765.739952	2.246747	5.063456
767.668768	2.23167	5.050807
769.597584	2.227879	5.032693
771.5264	2.220729	5.002496
773.455216	2.204778	4.974349
775.384032	2.210194	4.956121
777.312848	2.211136	4.932481
779.241664	2.230999	4.904948
781.17048	2.238795	4.889236

783.099296	2.209804	4.873248
785.028112	2.176857	4.862108
786.956928	2.169817	4.851569
788.885744	2.188202	4.84084
790.81456	2.199625	4.81947
792.743376	2.201082	4.805673
794.672192	2.197601	4.799468
796.601008	2.196062	4.793475
798.529824	2.191186	4.797705
800.45864	2.171928	4.814333
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804.316272	2.177525	4.803098
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808.173904	2.188945	4.823616
810.10272	2.181024	4.833179
812.031536	2.166673	4.831026
813.960352	2.163474	4.825066
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821.675616	2.139492	4.822702
823.604432	2.142647	4.828279
825.533248	2.138055	4.829806
827.462064	2.130888	4.834319
829.39088	2.129991	4.832386
831.319696	2.131194	4.831684
833.248512	2.116304	4.832285
835.177328	2.1257	4.836533
837.106144	2.12475	4.84519
839.03496	2.086105	4.858279
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842.892592	2.104112	4.857176
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846.750224	2.109314	4.858929
848.67904	2.111554	4.874017
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858.32312	2.078871	4.88011
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1645.280048	1.155332	4.468817
1647.208864	1.188893	4.797828
1649.13768	1.1925	4.681598

1651.066496	1.167028	4.402717
1652.995312	1.182933	4.872597
1654.924128	1.199628	5.015414
1656.852944	1.19892	4.78435
1658.78176	1.208851	4.68628
1660.710576	1.218362	4.636399
1662.639392	1.236738	4.808699
1664.568208	1.252462	4.834363
1666.497024	1.245664	4.661991
1668.42584	1.247318	4.687422
1670.354656	1.270317	4.960215
1672.283472	1.286239	4.888377
1674.212288	1.306868	4.868617
1676.141104	1.327548	5.045151
1678.06992	1.32814	4.895612
1679.998736	1.335454	4.828366
1681.927552	1.343814	4.724875
1683.856368	1.378036	5.08207
1685.785184	1.407582	5.231452
1687.714	1.407139	5.03403
1689.642816	1.424786	5.081747
1691.571632	1.448641	5.032752
1693.500448	1.458687	4.848297
1695.429264	1.472345	4.8906
1697.35808	1.475756	4.958751
1699.286896	1.491588	4.988568
1701.215712	1.54435	5.223337
1703.144528	1.533302	4.957923
1705.073344	1.538834	4.997767
1707.00216	1.558046	5.083138
1708.930976	1.572806	4.994096
1710.859792	1.580231	4.91585
1712.788608	1.574756	4.786852
1714.717424	1.568507	4.727144
1716.64624	1.575123	4.922721
1718.575056	1.606053	5.21662
1720.503872	1.616975	5.034291
1722.432688	1.626154	4.940894
1724.361504	1.632426	4.969573
1726.29032	1.630173	4.914914
1728.219136	1.63435	4.84011
1730.147952	1.637579	4.801514
1732.076768	1.627825	4.710512
1734.005584	1.640762	5.046973
1735.9344	1.652298	5.05279

1737.863216	1.648055	4.853027
1739.792032	1.648266	4.956096
1741.720848	1.642509	4.917948
1743.649664	1.647218	4.895514
1745.57848	1.64145	4.837644
1747.507296	1.651488	4.81523
1749.436112	1.675477	4.916797
1751.364928	1.678913	5.070766
1753.293744	1.677053	4.998344
1755.22256	1.682489	4.89146
1757.151376	1.686253	4.967437
1759.080192	1.678886	4.912937
1761.009008	1.679189	4.938171
1762.937824	1.684349	5.058315
1764.86664	1.685748	4.944346
1766.795456	1.688322	4.87717
1768.724272	1.686209	4.870722
1770.653088	1.685048	4.838206
1772.581904	1.688403	5.089965
1774.51072	1.688356	5.057969
1776.439536	1.688842	4.97288
1778.368352	1.691502	4.895549
1780.297168	1.704251	4.945422
1782.225984	1.711658	4.949926
1784.1548	1.709808	4.932118
1786.083616	1.712038	4.960466
1788.012432	1.708449	4.865833
1789.941248	1.704727	4.769892
1791.870064	1.709447	4.922243
1793.79888	1.710367	5.003185
1795.727696	1.707852	4.911645
1797.656512	1.708594	4.875661
1799.585328	1.702281	4.873127
1801.514144	1.7038	4.946164
1803.44296	1.710933	4.943775
1805.371776	1.704572	4.904341
1807.300592	1.701105	4.864362
1809.229408	1.698942	4.867245
1811.158224	1.703637	4.922626
1813.08704	1.707152	4.941092
1815.015856	1.708728	4.891692
1816.944672	1.705618	4.898342
1818.873488	1.709006	4.897757
1820.802304	1.713171	4.865939
1822.73112	1.710606	4.802289

1824.659936	1.706893	4.868614
1826.588752	1.697615	4.853129
1828.517568	1.694984	4.819225
1830.446384	1.703465	4.989273
1832.3752	1.702588	4.93032
1834.304016	1.705061	4.860503
1836.232832	1.704862	4.862685
1838.161648	1.703519	4.882129
1840.090464	1.706091	4.818436
1842.01928	1.700599	4.731286
1843.948096	1.702455	4.862559
1845.876912	1.697497	4.921747
1847.805728	1.697334	4.887418
1849.734544	1.7012	4.888029
1851.66336	1.702388	4.86574
1853.592176	1.705076	4.867375
1855.520992	1.707391	4.853001
1857.449808	1.701296	4.845655
1859.378624	1.697899	4.84195
1861.30744	1.695802	4.84848
1863.236256	1.688901	4.819261
1865.165072	1.68553	4.746045
1867.093888	1.692893	4.740006
1869.022704	1.69486	4.905319
1870.95152	1.687152	4.913608
1872.880336	1.683723	4.853657
1874.809152	1.687173	4.838749
1876.737968	1.695796	4.836116
1878.666784	1.693894	4.839399
1880.5956	1.686488	4.839301
1882.524416	1.687499	4.829366
1884.453232	1.684282	4.829482
1886.382048	1.680732	4.799199
1888.310864	1.673941	4.793809
1890.23968	1.668936	4.878689
1892.168496	1.672064	4.833993
1894.097312	1.679062	4.818508
1896.026128	1.676964	4.854318
1897.954944	1.67352	4.844517
1899.88376	1.672727	4.829244
1901.812576	1.672411	4.822935
1903.741392	1.673254	4.818241
1905.670208	1.674911	4.804356
1907.599024	1.667486	4.790607
1909.52784	1.6624	4.829587

1911.456656	1.659365	4.843142
1913.385472	1.658402	4.817768
1915.314288	1.655408	4.771652
1917.243104	1.660631	4.803822
1919.17192	1.666819	4.845447
1921.100736	1.663407	4.779355
1923.029552	1.661872	4.837475
1924.958368	1.65586	4.852591
1926.887184	1.653756	4.831692
1928.816	1.652673	4.824973
1930.744816	1.652021	4.820922
1932.673632	1.653717	4.820972
1934.602448	1.648504	4.825196
1936.531264	1.646309	4.822176
1938.46008	1.653806	4.80313
1940.388896	1.658198	4.760276
1942.317712	1.658157	4.818432
1944.246528	1.651258	4.849215
1946.175344	1.643929	4.832723
1948.10416	1.642417	4.831368
1950.032976	1.641489	4.824225
1951.961792	1.641893	4.817903
1953.890608	1.640421	4.813228
1955.819424	1.644484	4.8222
1957.74824	1.646468	4.816816
1959.677056	1.640616	4.81413
1961.605872	1.632448	4.814566
1963.534688	1.631584	4.800466
1965.463504	1.636381	4.784062
1967.39232	1.639681	4.830852
1969.321136	1.638575	4.836574
1971.249952	1.63804	4.818672
1973.178768	1.638088	4.815829
1975.107584	1.635366	4.818012
1977.0364	1.629191	4.821405
1978.965216	1.631967	4.822833
1980.894032	1.636684	4.816418
1982.822848	1.631805	4.812272
1984.751664	1.632417	4.805149
1986.68048	1.630664	4.793686
1988.609296	1.628677	4.785553
1990.538112	1.629144	4.779991
1992.466928	1.626012	4.831124
1994.395744	1.620243	4.833789
1996.32456	1.621545	4.810869

1998.253376	1.625976	4.814079
2000.182192	1.628098	4.815552
2002.111008	1.629999	4.815966
2004.039824	1.629267	4.81265
2005.96864	1.632441	4.809277
2007.897456	1.62731	4.816344
2009.826272	1.617896	4.818691
2011.755088	1.612723	4.8118
2013.683904	1.609353	4.797149
2015.61272	1.612424	4.788687
2017.541536	1.619313	4.815649
2019.470352	1.62174	4.820653
2021.399168	1.621876	4.810545
2023.327984	1.619746	4.811981
2025.2568	1.614927	4.817275
2027.185616	1.611514	4.815511
2029.114432	1.611559	4.813729
2031.043248	1.614006	4.813022
2032.972064	1.615355	4.815567
2034.90088	1.615644	4.812326
2036.829696	1.618383	4.809096
2038.758512	1.617389	4.798752
2040.687328	1.609895	4.807422
2042.616144	1.612906	4.820495
2044.54496	1.614308	4.81806
2046.473776	1.615866	4.818549
2048.402592	1.616162	4.82175
2050.331408	1.614864	4.819246
2052.260224	1.615046	4.817613
2054.18904	1.617483	4.815062
2056.117856	1.622691	4.813708
2058.046672	1.619782	4.810668
2059.975488	1.618862	4.810751
2061.904304	1.620419	4.801377
2063.83312	1.618487	4.800275
2065.761936	1.61283	4.818664
2067.690752	1.617827	4.820633
2069.619568	1.62695	4.814556
2071.548384	1.622836	4.81536
2073.4772	1.618718	4.817851
2075.406016	1.624055	4.819844
2077.334832	1.619583	4.819655
2079.263648	1.619901	4.81762
2081.192464	1.631292	4.814286
2083.12128	1.635654	4.810703

2085.050096	1.633182	4.809315
2086.978912	1.63205	4.808932
2088.907728	1.629844	4.804689
2090.836544	1.629563	4.811917
2092.76536	1.629714	4.818028
2094.694176	1.628985	4.817485
2096.622992	1.628873	4.812451
2098.551808	1.623396	4.813281
2100.480624	1.624575	4.812619
2102.40944	1.633261	4.812714
2104.338256	1.631634	4.814925
2106.267072	1.629548	4.814222
2108.195888	1.630201	4.817824
2110.124704	1.631869	4.816991
2112.05352	1.632491	4.808795
2113.982336	1.636007	4.808478
2115.911152	1.638681	4.811927
2117.839968	1.640952	4.813313
2119.768784	1.641811	4.813988
2121.6976	1.640588	4.814496
2123.626416	1.63913	4.814979
2125.555232	1.639343	4.816188
2127.484048	1.642778	4.813058
2129.412864	1.644578	4.813328
2131.34168	1.637489	4.816978
2133.270496	1.636924	4.816293
2135.199312	1.643648	4.810263
2137.128128	1.644556	4.811516
2139.056944	1.642971	4.810183
2140.98576	1.641336	4.807876
2142.914576	1.644961	4.808106
2144.843392	1.650077	4.813846
2146.772208	1.655617	4.813431
2148.701024	1.660543	4.81231
2150.62984	1.664231	4.812463
2152.558656	1.664855	4.812413
2154.487472	1.663137	4.811015
2156.416288	1.656369	4.813332
2158.345104	1.649339	4.808553
2160.27392	1.657028	4.805931
2162.202736	1.656797	4.813259
2164.131552	1.650661	4.818395
2166.060368	1.65153	4.814723
2167.989184	1.651739	4.809943
2169.918	1.647276	4.80932

2171.846816	1.648744	4.812898
2173.775632	1.654762	4.812294
2175.704448	1.661715	4.805038
2177.633264	1.660457	4.803355
2179.56208	1.661489	4.811316
2181.490896	1.659217	4.817317
2183.419712	1.654898	4.819187
2185.348528	1.657515	4.814851
2187.277344	1.661703	4.813311
2189.20616	1.663762	4.810587
2191.134976	1.663602	4.812551
2193.063792	1.665421	4.813822
2194.992608	1.664084	4.813758
2196.921424	1.65986	4.81318
2198.85024	1.660439	4.809093
2200.779056	1.660456	4.806646
2202.707872	1.66282	4.810201
2204.636688	1.66967	4.809992
2206.565504	1.669174	4.810114
2208.49432	1.665508	4.810265
2210.423136	1.665013	4.813044
2212.351952	1.662787	4.815904
2214.280768	1.663077	4.816947
2216.209584	1.661566	4.817704
2218.1384	1.657341	4.817207
2220.067216	1.6665	4.812248
2221.996032	1.672458	4.812536
2223.924848	1.666427	4.811419
2225.853664	1.666973	4.817464
2227.78248	1.659927	4.820582
2229.711296	1.666956	4.820686
2231.640112	1.678408	4.820417
2233.568928	1.676536	4.817587
2235.497744	1.6686	4.816826
2237.42656	1.667315	4.810013
2239.355376	1.672792	4.808425
2241.284192	1.671949	4.815261
2243.213008	1.671741	4.816256
2245.141824	1.667873	4.812047
2247.07064	1.667868	4.807392
2248.999456	1.67086	4.808407
2250.928272	1.67305	4.810423
2252.857088	1.674075	4.810158
2254.785904	1.674883	4.808523
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2258.643536	1.679402	4.807005
2260.572352	1.672669	4.809213
2262.501168	1.671956	4.817209
2264.429984	1.678645	4.81881
2266.3588	1.678478	4.820315
2268.287616	1.679707	4.817093
2270.216432	1.682508	4.811477
2272.145248	1.680927	4.814414
2274.074064	1.676675	4.815044
2276.00288	1.67479	4.814521
2277.931696	1.67068	4.814248
2279.860512	1.665297	4.813248
2281.789328	1.663736	4.80783
2283.718144	1.664567	4.802208
2285.64696	1.668143	4.806234
2287.575776	1.671696	4.806363
2289.504592	1.670298	4.799951
2291.433408	1.673115	4.796857
2293.362224	1.669146	4.795884
2295.29104	1.658065	4.792922
2297.219856	1.657115	4.784733
2299.148672	1.670897	4.782388
2301.077488	1.676254	4.786706
2303.006304	1.670388	4.784015
2304.93512	1.666641	4.77522
2306.863936	1.669659	4.767875
2308.792752	1.675217	4.766013
2310.721568	1.668247	4.771568
2312.650384	1.669654	4.777775
2314.5792	1.672105	4.781758
2316.508016	1.678499	4.771224
2318.436832	1.680432	4.776134
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2324.22328	1.700255	4.818327
2326.152096	1.711436	4.833602
2328.080912	1.701849	4.854709
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2331.938544	1.698116	4.909774
2333.86736	1.687524	4.91058
2335.796176	1.684336	4.908651
2337.724992	1.699829	4.916741
2339.653808	1.696202	4.91799
2341.582624	1.693165	4.946511
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2347.369072	1.661142	4.899539
2349.297888	1.663787	4.763366
2351.226704	1.694881	4.738491
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2355.084336	1.711084	4.895171
2357.013152	1.679218	4.939709
2358.941968	1.697644	4.977553
2360.870784	1.71069	5.017964
2362.7996	1.70191	5.028571
2364.728416	1.697784	5.025358
2366.657232	1.684244	5.0213
2368.586048	1.660977	5.013783
2370.514864	1.652086	4.984526
2372.44368	1.645425	4.955079
2374.372496	1.648432	4.923047
2376.301312	1.652787	4.893091
2378.230128	1.647435	4.865534
2380.158944	1.640371	4.853088
2382.08776	1.634472	4.838138
2384.016576	1.629939	4.823909
2385.945392	1.629291	4.81206
2387.874208	1.625966	4.812109
2389.803024	1.622041	4.814914
2391.73184	1.619744	4.817019
2393.660656	1.617926	4.811348
2395.589472	1.619543	4.8103
2397.518288	1.618204	4.809864
2399.447104	1.613645	4.812489
2401.37592	1.611812	4.821578
2403.304736	1.613188	4.816984
2405.233552	1.615068	4.809419
2407.162368	1.612086	4.811532
2409.091184	1.61166	4.810332
2411.02	1.619185	4.816581
2412.948816	1.617097	4.817374
2414.877632	1.61215	4.812297
2416.806448	1.603454	4.806573
2418.735264	1.597659	4.813211
2420.66408	1.597349	4.823387
2422.592896	1.597215	4.826398
2424.521712	1.598276	4.825555
2426.450528	1.600602	4.828677
2428.379344	1.610631	4.819475
2430.30816	1.611647	4.81203

2432.236976	1.595366	4.814771
2434.165792	1.585828	4.819017
2436.094608	1.580418	4.814342
2438.023424	1.584059	4.816316
2439.95224	1.590081	4.81931
2441.881056	1.583084	4.818683
2443.809872	1.579533	4.819014
2445.738688	1.58446	4.815569
2447.667504	1.579458	4.818828
2449.59632	1.575786	4.825798
2451.525136	1.57348	4.820702
2453.453952	1.582648	4.815212
2455.382768	1.583168	4.82357
2457.311584	1.571609	4.829835
2459.2404	1.572707	4.827642
2461.169216	1.575932	4.827391
2463.098032	1.571432	4.822067
2465.026848	1.563552	4.821129
2466.955664	1.559781	4.82118
2468.88448	1.553761	4.817523
2470.813296	1.550182	4.818815
2472.742112	1.550963	4.828577
2474.670928	1.546668	4.83119
2476.599744	1.551549	4.831147
2478.52856	1.552277	4.8297
2480.457376	1.550015	4.82941
2482.386192	1.551599	4.826893
2484.315008	1.550168	4.827086
2486.243824	1.545786	4.82554
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2490.101456	1.541761	4.827859
2492.030272	1.535994	4.835705
2493.959088	1.529305	4.831449
2495.887904	1.527232	4.82931
2497.81672	1.526873	4.827578
2499.745536	1.528482	4.825993
2501.674352	1.525877	4.824292
2503.603168	1.526127	4.824145
2505.531984	1.51813	4.828319
2507.4608	1.511255	4.833361
2509.389616	1.510756	4.834874
2511.318432	1.507509	4.83207
2513.247248	1.515149	4.826096
2515.176064	1.518553	4.822512
2517.10488	1.498948	4.820254

2519.033696	1.487787	4.822394
2520.962512	1.491066	4.824392
2522.891328	1.492614	4.830927
2524.820144	1.491991	4.834721
2526.74896	1.494283	4.837061
2528.677776	1.492963	4.831273
2530.606592	1.48478	4.823628
2532.535408	1.479201	4.83013
2534.464224	1.475371	4.83534
2536.39304	1.472563	4.825937
2538.321856	1.466678	4.824959
2540.250672	1.451852	4.827961
2542.179488	1.448856	4.825241
2544.108304	1.448376	4.821855
2546.03712	1.441029	4.821719
2547.965936	1.433895	4.826802
2549.894752	1.423152	4.830096
2551.823568	1.417867	4.827816
2553.752384	1.410639	4.824561
2555.6812	1.402495	4.824243
2557.610016	1.402953	4.830689
2559.538832	1.399198	4.834801
2561.467648	1.392712	4.836973
2563.396464	1.38752	4.838294
2565.32528	1.386383	4.834064
2567.254096	1.372912	4.827892
2569.182912	1.370349	4.82679
2571.111728	1.372424	4.822971
2573.040544	1.367773	4.819126
2574.96936	1.355709	4.824395
2576.898176	1.345618	4.828975
2578.826992	1.341343	4.829229
2580.755808	1.331011	4.831848
2582.684624	1.336551	4.833486
2584.61344	1.335213	4.841741
2586.542256	1.322089	4.841709
2588.471072	1.308158	4.83667
2590.399888	1.309987	4.832358
2592.328704	1.317613	4.835027
2594.25752	1.311372	4.829359
2596.186336	1.303581	4.827592
2598.115152	1.293732	4.827837
2600.043968	1.285363	4.833172
2601.972784	1.284869	4.839591
2603.9016	1.291692	4.83888

2605.830416	1.285523	4.832971
2607.759232	1.285831	4.830853
2609.688048	1.286721	4.827362
2611.616864	1.271086	4.823682
2613.54568	1.26507	4.824603
2615.474496	1.281064	4.827176
2617.403312	1.283687	4.828506
2619.332128	1.265868	4.832652
2621.260944	1.263224	4.837981
2623.18976	1.275099	4.839329
2625.118576	1.276857	4.838627
2627.047392	1.277142	4.836992
2628.976208	1.288623	4.829404
2630.905024	1.289147	4.828747
2632.83384	1.27914	4.83142
2634.762656	1.268323	4.834122
2636.691472	1.247502	4.833505
2638.620288	1.242131	4.836615
2640.549104	1.254395	4.836625
2642.47792	1.254298	4.830818
2644.406736	1.254397	4.826319
2646.335552	1.260852	4.828393
2648.264368	1.256304	4.828522
2650.193184	1.258447	4.83332
2652.122	1.260667	4.831954
2654.050816	1.248654	4.834313
2655.979632	1.239298	4.845605
2657.908448	1.241967	4.848428
2659.837264	1.246382	4.84066
2661.76608	1.24876	4.834458
2663.694896	1.239323	4.821463
2665.623712	1.227425	4.825987
2667.552528	1.216	4.838748
2669.481344	1.217592	4.835782
2671.41016	1.22634	4.830265
2673.338976	1.236441	4.833491
2675.267792	1.239231	4.837138
2677.196608	1.23565	4.838869
2679.125424	1.229141	4.836745
2681.05424	1.224839	4.841273
2682.983056	1.228554	4.838941
2684.911872	1.223072	4.832939
2686.840688	1.217302	4.832073
2688.769504	1.20741	4.836789
2690.69832	1.201701	4.838832

2692.627136	1.204815	4.834595
2694.555952	1.2085	4.828791
2696.484768	1.204274	4.832965
2698.413584	1.200316	4.832818
2700.3424	1.18861	4.828949
2702.271216	1.186983	4.827644
2704.200032	1.198285	4.831124
2706.128848	1.203663	4.838115
2708.057664	1.202012	4.832949
2709.98648	1.198505	4.824091
2711.915296	1.200556	4.827175
2713.844112	1.198589	4.826244
2715.772928	1.194942	4.828116
2717.701744	1.188298	4.830228
2719.63056	1.181308	4.839256
2721.559376	1.189615	4.839093
2723.488192	1.199278	4.834778
2725.417008	1.193002	4.837174
2727.345824	1.184849	4.83548
2729.27464	1.185262	4.830113
2731.203456	1.189905	4.832625
2733.132272	1.198233	4.835722
2735.061088	1.193728	4.83617
2736.989904	1.180708	4.832529
2738.91872	1.186924	4.829974
2740.847536	1.193943	4.833087
2742.776352	1.193443	4.839457
2744.705168	1.192239	4.837457
2746.633984	1.184251	4.839003
2748.5628	1.188906	4.840146
2750.491616	1.189018	4.844038
2752.420432	1.19098	4.845974
2754.349248	1.194193	4.837582
2756.278064	1.19581	4.832536
2758.20688	1.19739	4.839391
2760.135696	1.195038	4.84013
2762.064512	1.180054	4.838228
2763.993328	1.170737	4.837616
2765.922144	1.179057	4.840165
2767.85096	1.178215	4.840013
2769.779776	1.174332	4.837672
2771.708592	1.175617	4.833178
2773.637408	1.169932	4.833901
2775.566224	1.168187	4.837137
2777.49504	1.168915	4.834602

2779.423856	1.161253	4.838399
2781.352672	1.161981	4.841958
2783.281488	1.170108	4.841179
2785.210304	1.169672	4.838828
2787.13912	1.15506	4.84246
2789.067936	1.146068	4.848091
2790.996752	1.145213	4.846735
2792.925568	1.148527	4.844301
2794.854384	1.153678	4.83191
2796.7832	1.14892	4.823563
2798.712016	1.133637	4.832598
2800.640832	1.130628	4.837109
2802.569648	1.125976	4.8303
2804.498464	1.116094	4.836414
2806.42728	1.123414	4.837674
2808.356096	1.130743	4.832239
2810.284912	1.12298	4.832348
2812.213728	1.103256	4.835077
2814.142544	1.098989	4.827448
2816.07136	1.098257	4.832716
2818.000176	1.093559	4.839664
2819.928992	1.08687	4.834642
2821.857808	1.087328	4.828576
2823.786624	1.10444	4.830483
2825.71544	1.106509	4.827958
2827.644256	1.094034	4.823044
2829.573072	1.09284	4.826088
2831.501888	1.1029	4.824677
2833.430704	1.101486	4.820314
2835.35952	1.094409	4.82359
2837.288336	1.089392	4.822907
2839.217152	1.082252	4.810982
2841.145968	1.073046	4.809389
2843.074784	1.063751	4.815015
2845.0036	1.059572	4.810242
2846.932416	1.060156	4.803824
2848.861232	1.058669	4.798992
2850.790048	1.069027	4.796249
2852.718864	1.072325	4.791147
2854.64768	1.062199	4.792281
2856.576496	1.04932	4.798712
2858.505312	1.044148	4.808552
2860.434128	1.036749	4.808697
2862.362944	1.031277	4.807001
2864.29176	1.029675	4.803303

2866.220576	1.021582	4.801914
2868.149392	1.020295	4.808409
2870.078208	1.033931	4.815462
2872.007024	1.033934	4.810259
2873.93584	1.028224	4.814138
2875.864656	1.010944	4.820308
2877.793472	0.986036	4.822454
2879.722288	0.98517	4.815474
2881.651104	0.998212	4.809127
2883.57992	0.992804	4.812263
2885.508736	0.999391	4.816921
2887.437552	1.004537	4.81246
2889.366368	0.991628	4.815403
2891.295184	0.979732	4.814709
2893.224	0.966591	4.813779
2895.152816	0.94971	4.810183
2897.081632	0.957181	4.807523
2899.010448	0.968627	4.812936
2900.939264	0.956348	4.815977
2902.86808	0.939617	4.804314
2904.796896	0.940862	4.795003
2906.725712	0.938842	4.781397
2908.654528	0.92853	4.780056
2910.583344	0.936784	4.784778
2912.51216	0.948955	4.784982
2914.440976	0.940001	4.789008
2916.369792	0.932981	4.790365
2918.298608	0.924136	4.776004
2920.227424	0.903451	4.771512
2922.15624	0.904536	4.776595
2924.085056	0.908089	4.782755
2926.013872	0.900364	4.781439
2927.942688	0.895427	4.794966
2929.871504	0.898741	4.80022
2931.80032	0.902887	4.801052
2933.729136	0.903509	4.802415
2935.657952	0.901305	4.807801
2937.586768	0.893798	4.812043
2939.515584	0.87738	4.816022
2941.4444	0.873892	4.818175
2943.373216	0.883782	4.816938
2945.302032	0.886552	4.814028
2947.230848	0.882994	4.815418
2949.159664	0.87895	4.816743
2951.08848	0.869604	4.821785

2953.017296	0.867762	4.818496
2954.946112	0.882581	4.814011
2956.874928	0.892726	4.820146
2958.803744	0.885286	4.814189
2960.73256	0.882155	4.812101
2962.661376	0.880577	4.819797
2964.590192	0.863552	4.833521
2966.519008	0.846732	4.84229
2968.447824	0.841172	4.838239
2970.37664	0.845804	4.835579
2972.305456	0.857282	4.840809
2974.234272	0.865703	4.841036
2976.163088	0.867063	4.828206
2978.091904	0.863934	4.829108
2980.02072	0.872682	4.837157
2981.949536	0.876308	4.841486
2983.878352	0.850261	4.844753
2985.807168	0.839386	4.845697
2987.735984	0.846815	4.850871
2989.6648	0.84907	4.852436
2991.593616	0.837736	4.84836
2993.522432	0.824965	4.848477
2995.451248	0.829288	4.849426
2997.380064	0.836829	4.85677
2999.30888	0.845342	4.855365
3001.237696	0.847559	4.849552
3003.166512	0.852177	4.850433
3005.095328	0.859385	4.850784
3007.024144	0.840871	4.846572
3008.95296	0.836481	4.846227
3010.881776	0.848264	4.830113
3012.810592	0.84126	4.833373
3014.739408	0.838163	4.834696
3016.668224	0.833638	4.840076
3018.59704	0.834806	4.843161
3020.525856	0.832983	4.835761
3022.454672	0.841573	4.831062
3024.383488	0.841987	4.837349
3026.312304	0.827105	4.84089
3028.24112	0.830603	4.835941
3030.169936	0.832256	4.842052
3032.098752	0.820641	4.84664
3034.027568	0.825893	4.846255
3035.956384	0.833606	4.841631
3037.8852	0.827214	4.831363

3039.814016	0.828774	4.835807
3041.742832	0.838317	4.836144
3043.671648	0.83682	4.83301
3045.600464	0.82512	4.839984
3047.52928	0.822019	4.840607
3049.458096	0.822986	4.841
3051.386912	0.824247	4.831681
3053.315728	0.833765	4.816686
3055.244544	0.836805	4.830666
3057.17336	0.820949	4.842568
3059.102176	0.818773	4.833091
3061.030992	0.820447	4.830136
3062.959808	0.818172	4.842108
3064.888624	0.827696	4.859907
3066.81744	0.843405	4.874661
3068.746256	0.83439	4.862203
3070.675072	0.820733	4.851865
3072.603888	0.826649	4.845396
3074.532704	0.811126	4.84075
3076.46152	0.786965	4.835795
3078.390336	0.800299	4.84525
3080.319152	0.822697	4.861284
3082.247968	0.84158	4.858482
3084.176784	0.842358	4.846035
3086.1056	0.840649	4.841807
3088.034416	0.845881	4.857872
3089.963232	0.831053	4.855337
3091.892048	0.835763	4.836196
3093.820864	0.837615	4.841986
3095.74968	0.822776	4.852625
3097.678496	0.811762	4.858763
3099.607312	0.819727	4.863044
3101.536128	0.840313	4.870704
3103.464944	0.846474	4.868081
3105.39376	0.846519	4.870004
3107.322576	0.825696	4.863159
3109.251392	0.823788	4.856152
3111.180208	0.845225	4.86726
3113.109024	0.855511	4.862862
3115.03784	0.867883	4.849557
3116.966656	0.862028	4.855725
3118.895472	0.857562	4.854485
3120.824288	0.862485	4.856368
3122.753104	0.841394	4.882688
3124.68192	0.834815	4.885728

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3128.539552	0.852967	4.867349
3130.468368	0.859021	4.857456
3132.397184	0.868801	4.869423
3134.326	0.863736	4.88548
3136.254816	0.868852	4.877958
3138.183632	0.871911	4.867924
3140.112448	0.860294	4.881334
3142.041264	0.836754	4.89876
3143.97008	0.825393	4.908319
3145.898896	0.836632	4.900593
3147.827712	0.843692	4.884511
3149.756528	0.845466	4.88627
3151.685344	0.853456	4.890731
3153.61416	0.858336	4.888937
3155.542976	0.858395	4.887952
3157.471792	0.857909	4.892126
3159.400608	0.853573	4.892671
3161.329424	0.847759	4.890846
3163.25824	0.854055	4.902371
3165.187056	0.865393	4.903613
3167.115872	0.874025	4.894413
3169.044688	0.856799	4.894476
3170.973504	0.856642	4.892956
3172.90232	0.855987	4.892494
3174.831136	0.839889	4.875578
3176.759952	0.834053	4.87664
3178.688768	0.843009	4.902903
3180.617584	0.852072	4.903874
3182.5464	0.861004	4.893759
3184.475216	0.861042	4.900454
3186.404032	0.83632	4.914371
3188.332848	0.82856	4.907945
3190.261664	0.860989	4.895493
3192.19048	0.885302	4.891873
3194.119296	0.873968	4.893762
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3197.976928	0.871613	4.910074
3199.905744	0.884926	4.912302
3201.83456	0.884961	4.917558
3203.763376	0.868407	4.914583
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3211.47864	0.87358	4.923896

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3215.336272	0.878032	4.949654
3217.265088	0.878576	4.946257
3219.193904	0.87337	4.961595
3221.12272	0.871459	4.963398
3223.051536	0.871553	4.968562
3224.980352	0.859595	4.990644
3226.909168	0.851324	4.984999
3228.837984	0.850388	4.962204
3230.7668	0.849247	4.952348
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3234.624432	0.874682	4.950821
3236.553248	0.866338	4.959124
3238.482064	0.871887	4.963084
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3242.339696	0.850949	4.973489
3244.268512	0.857564	4.971343
3246.197328	0.875769	4.985911
3248.126144	0.891321	4.996476
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3261.627856	0.844384	4.984122
3263.556672	0.83239	4.984915
3265.485488	0.838881	5.002672
3267.414304	0.842619	5
3269.34312	0.832152	4.981731
3271.271936	0.82326	4.96331
3273.200752	0.818341	4.962255
3275.129568	0.838677	4.985875
3277.058384	0.858766	4.996683
3278.9872	0.846247	5.001786
3280.916016	0.841477	4.999325
3282.844832	0.837852	5.002167
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3286.702464	0.838564	5.027697
3288.63128	0.82962	5.023512
3290.560096	0.817258	5.031307
3292.488912	0.817403	5.024223
3294.417728	0.823344	5.023678
3296.346544	0.840884	5.026041
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3305.990624	0.813558	5.021496
3307.91944	0.831621	5.034787
3309.848256	0.825916	5.05968
3311.777072	0.8428	5.068672
3313.705888	0.84277	5.065771
3315.634704	0.80575	5.042361
3317.56352	0.804834	5.042435
3319.492336	0.823709	5.049124
3321.421152	0.813162	5.062843
3323.349968	0.802991	5.096177
3325.278784	0.800477	5.114181
3327.2076	0.822302	5.108507
3329.136416	0.838599	5.093651
3331.065232	0.836246	5.073445
3332.994048	0.814995	5.076702
3334.922864	0.796555	5.100334
3336.85168	0.822611	5.120977
3338.780496	0.837226	5.114414
3340.709312	0.839597	5.134357
3342.638128	0.861149	5.150926
3344.566944	0.851289	5.143182
3346.49576	0.82466	5.127438
3348.424576	0.822816	5.136885
3350.353392	0.834936	5.145455
3352.282208	0.812692	5.147365
3354.211024	0.814953	5.146623
3356.13984	0.835926	5.158489
3358.068656	0.835051	5.177047
3359.997472	0.823628	5.194768
3361.926288	0.83323	5.180035
3363.855104	0.865924	5.197901
3365.78392	0.870384	5.224626
3367.712736	0.841611	5.209937
3369.641552	0.817703	5.215665
3371.570368	0.793165	5.213757
3373.499184	0.779545	5.236463
3375.428	0.81333	5.237695
3377.356816	0.855727	5.235044
3379.285632	0.811744	5.249767
3381.214448	0.775523	5.240997
3383.143264	0.81749	5.251213
3385.07208	0.859252	5.283954

3387.000896	0.862716	5.268553
3388.929712	0.878564	5.265479
3390.858528	0.849302	5.262307
3392.787344	0.812182	5.279472
3394.71616	0.800928	5.275273
3396.644976	0.749934	5.28032
3398.573792	0.717723	5.306511
3400.502608	0.728736	5.304618
3402.431424	0.724111	5.307777
3404.36024	0.737782	5.32959
3406.289056	0.778369	5.319828
3408.217872	0.825062	5.302168
3410.146688	0.839748	5.308492
3412.075504	0.830866	5.310372
3414.00432	0.795979	5.314895
3415.933136	0.780788	5.313502
3417.861952	0.785412	5.315556
3419.790768	0.80106	5.339803
3421.719584	0.782022	5.354575
3423.6484	0.784768	5.353207
3425.577216	0.803905	5.345146
3427.506032	0.79817	5.321155
3429.434848	0.790969	5.304519
3431.363664	0.817915	5.33517
3433.29248	0.813762	5.356845
3435.221296	0.786404	5.31559
3437.150112	0.773805	5.313041
3439.078928	0.768262	5.317271
3441.007744	0.775381	5.343727
3442.93656	0.784886	5.342425
3444.865376	0.798026	5.303402
3446.794192	0.805886	5.383392
3448.723008	0.805268	5.386032
3450.651824	0.809826	5.326362
3452.58064	0.801514	5.319854
3454.509456	0.758641	5.329794
3456.438272	0.779997	5.323795
3458.367088	0.827681	5.33149
3460.295904	0.795769	5.340975
3462.22472	0.779074	5.334903
3464.153536	0.790696	5.362226
3466.082352	0.817092	5.396384
3468.011168	0.848037	5.341097
3469.939984	0.84221	5.254479
3471.8688	0.833747	5.250798

3473.797616	0.846728	5.304166
3475.726432	0.842048	5.359668
3477.655248	0.805654	5.356867
3479.584064	0.798184	5.337584
3481.51288	0.825195	5.359123
3483.441696	0.814598	5.330572
3485.370512	0.818121	5.288734
3487.299328	0.8558	5.307995
3489.228144	0.859892	5.321192
3491.15696	0.841785	5.286731
3493.085776	0.835613	5.247689
3495.014592	0.823155	5.252957
3496.943408	0.829949	5.285347
3498.872224	0.860723	5.248992
3500.80104	0.875118	5.255526
3502.729856	0.863092	5.363172
3504.658672	0.835709	5.360063
3506.587488	0.812559	5.303909
3508.516304	0.825952	5.327749
3510.44512	0.866259	5.356678
3512.373936	0.898289	5.330254
3514.302752	0.887337	5.287321
3516.231568	0.860728	5.270549
3518.160384	0.890953	5.274093
3520.0892	0.882474	5.238493
3522.018016	0.851043	5.225332
3523.946832	0.856026	5.249283
3525.875648	0.8869	5.281448
3527.804464	0.904716	5.346478
3529.73328	0.894248	5.340193
3531.662096	0.89363	5.297039
3533.590912	0.889998	5.245063
3535.519728	0.897859	5.272852
3537.448544	0.92066	5.288502
3539.37736	0.933343	5.236989
3541.306176	0.906964	5.165493
3543.234992	0.889906	5.162579
3545.163808	0.948047	5.271713
3547.092624	0.962359	5.315577
3549.02144	0.941432	5.220948
3550.950256	0.933488	5.231616
3552.879072	0.93125	5.304833
3554.807888	0.957551	5.235103
3556.736704	0.970237	5.16766
3558.66552	0.917089	5.17646

3560.594336	0.908255	5.179467
3562.523152	0.970116	5.096206
3564.451968	1.012965	5.050918
3566.380784	0.981714	5.359286
3568.3096	0.979419	5.4574
3570.238416	1.007211	5.238428
3572.167232	0.980199	5.149338
3574.096048	0.968092	5.165501
3576.024864	0.999463	5.194677
3577.95368	1.024043	5.176376
3579.882496	1.031998	5.150491
3581.811312	1.023547	5.087983
3583.740128	1.020436	5.012797
3585.668944	1.029847	5.11914
3587.59776	1.05761	5.40821
3589.526576	1.055557	5.264246
3591.455392	1.081835	5.059484
3593.384208	1.11284	5.096383
3595.313024	1.115081	5.183822
3597.24184	1.147311	5.140039
3599.170656	1.172944	5.137017
3601.099472	1.129266	5.169062
3603.028288	1.114722	5.06731
3604.957104	1.136687	4.949849
3606.88592	1.157411	4.998365
3608.814736	1.122168	5.093564
3610.743552	1.10905	5.021343
3612.672368	1.16372	5.058369
3614.601184	1.205065	5.018439
3616.53	1.190245	4.960134
3618.458816	1.221262	5.221177
3620.387632	1.203424	5.291915
3622.316448	1.206503	5.068093
3624.245264	1.209312	4.866721
3626.17408	1.185097	4.804247
3628.102896	1.245876	5.240946
3630.031712	1.33966	5.392447
3631.960528	1.312686	5.131484
3633.889344	1.301925	5.100549
3635.81816	1.315739	5.042564
3637.746976	1.339304	5.01424
3639.675792	1.353481	4.98158
3641.604608	1.345486	4.939667
3643.533424	1.342531	4.823727
3645.46224	1.385659	4.714388

3647.391056	1.431873	4.98114
3649.319872	1.432436	5.547491
3651.248688	1.434836	5.383751
3653.177504	1.452029	4.972497
3655.10632	1.479936	4.983684
3657.035136	1.472643	5.140165
3658.963952	1.486014	5.048908
3660.892768	1.521269	5.001239
3662.821584	1.541792	4.949294
3664.7504	1.560285	4.82919
3666.679216	1.58451	4.695644
3668.608032	1.573476	4.871424
3670.536848	1.531974	5.14411
3672.465664	1.600907	4.854475
3674.39448	1.653698	5.039018
3676.323296	1.632588	5.410888
3678.252112	1.623267	5.189307
3680.180928	1.638596	5.057475
3682.109744	1.638434	4.906235
3684.03856	1.662686	4.792166
3685.967376	1.703761	4.689135
3687.896192	1.743475	4.885691
3689.825008	1.749548	5.258998
3691.753824	1.716335	5.190007
3693.68264	1.727367	4.98114
3695.611456	1.727599	4.907088
3697.540272	1.765898	4.840045
3699.469088	1.813633	4.833475
3701.397904	1.797615	4.986029
3703.32672	1.776262	4.958587
3705.255536	1.772268	4.816627
3707.184352	1.757855	4.73089
3709.113168	1.7668	4.851531
3711.041984	1.791863	5.23661
3712.9708	1.774007	5.195374
3714.899616	1.778556	4.931361
3716.828432	1.806123	4.79113
3718.757248	1.824025	4.776551
3720.686064	1.78173	4.820074
3722.61488	1.746079	4.92552
3724.543696	1.810745	4.958159
3726.472512	1.814359	4.938896
3728.401328	1.801307	4.749464
3730.330144	1.827054	4.636267
3732.25896	1.824139	4.712443

3734.187776	1.871606	4.966775
3736.116592	1.876203	5.206218
3738.045408	1.826987	4.965642
3739.974224	1.832993	4.8095
3741.90304	1.852092	4.746848
3743.831856	1.851115	4.984425
3745.760672	1.878182	5.005382
3747.689488	1.927569	4.807287
3749.618304	1.920778	5.136521
3751.54712	1.884462	5.386868
3753.475936	1.854472	5.068303
3755.404752	1.884895	4.832002
3757.333568	1.877888	4.923202
3759.262384	1.875594	5.072447
3761.1912	1.881421	4.946746
3763.120016	1.90582	4.787733
3765.048832	1.910448	4.88048
3766.977648	1.887047	4.885177
3768.906464	1.864313	5.010778
3770.83528	1.861309	5.13674
3772.764096	1.835449	4.984345
3774.692912	1.841023	4.854432
3776.621728	1.870571	4.813955
3778.550544	1.87346	4.944879
3780.47936	1.834491	4.98522
3782.408176	1.855948	4.879174
3784.336992	1.890357	4.966036
3786.265808	1.879563	4.954584
3788.194624	1.879001	4.88714
3790.12344	1.867585	4.877502
3792.052256	1.836309	4.814187
3793.981072	1.866317	4.753556
3795.909888	1.906347	4.88037
3797.838704	1.843089	4.863363
3799.76752	1.803645	4.919344
3801.696336	1.784028	5.242045
3803.625152	1.844845	4.963359
3805.553968	1.875	4.928873
3807.482784	1.863632	5.090286
3809.4116	1.850746	4.938164
3811.340416	1.843887	4.792101
3813.269232	1.886065	4.700176
3815.198048	1.911626	4.880073
3817.126864	1.823859	4.882378
3819.05568	1.85292	4.781733

3820.984496	1.845979	5.202867
3822.913312	1.838322	5.082382
3824.842128	1.830668	4.864078
3826.770944	1.806738	4.866395
3828.69976	1.852349	4.771164
3830.628576	1.882407	4.74845
3832.557392	1.844053	4.773515
3834.486208	1.879313	4.722097
3836.415024	1.939687	4.82185
3838.34384	1.811043	5.096933
3840.272656	1.753112	5.111131
3842.201472	1.843579	5.025483
3844.130288	1.889257	4.966006
3846.059104	1.894574	4.791283
3847.98792	1.893398	4.623777
3849.916736	1.835149	4.559779
3851.845552	1.812982	4.91199
3853.774368	1.782804	5.385373
3855.703184	1.750827	5.079116
3857.632	1.795917	4.848234
3859.560816	1.815578	4.718148
3861.489632	1.790524	4.735084
3863.418448	1.822716	4.84512
3865.347264	1.863166	4.882705
3867.27608	1.839811	4.7285
3869.204896	1.827882	4.901971
3871.133712	1.869709	4.969143
3873.062528	1.874533	4.975914
3874.991344	1.835632	4.958701
3876.92016	1.840076	4.72531
3878.848976	1.851497	4.741248
3880.777792	1.785492	4.893988
3882.706608	1.78678	4.81598
3884.635424	1.792122	4.993669
3886.56424	1.792991	5.043097
3888.493056	1.870986	4.802309
3890.421872	1.906786	4.882886
3892.350688	1.851891	5.016454
3894.279504	1.795695	4.850617
3896.20832	1.847456	4.721644
3898.137136	1.870557	4.763178
3900.065952	1.856858	4.863184
3901.994768	1.837698	5.01572
3903.923584	1.819431	5.155493
3905.8524	1.777825	5.048923

3907.781216	1.813789	4.885469
3909.710032	1.854608	4.820087
3911.638848	1.846358	4.803926
3913.567664	1.847864	4.748399
3915.49648	1.876545	4.790351
3917.425296	1.860855	4.881807
3919.354112	1.824945	4.875394
3921.282928	1.843971	4.817225
3923.211744	1.840467	4.813514
3925.14056	1.818151	4.885634
3927.069376	1.834918	4.809258
3928.998192	1.836137	4.773553
3930.927008	1.807028	4.860832
3932.855824	1.821647	4.933474
3934.78464	1.899216	4.875591
3936.713456	1.903388	4.831717
3938.642272	1.863008	4.81427
3940.571088	1.823075	4.827898
3942.499904	1.75513	4.927804
3944.42872	1.772392	4.893342
3946.357536	1.846352	4.841818
3948.286352	1.912599	4.899383
3950.215168	1.914022	4.913751
3952.143984	1.91687	4.865571
3954.0728	1.90347	4.829972
3956.001616	1.88502	4.84702
3957.930432	1.921913	4.843728
3959.859248	1.897093	4.82267
3961.788064	1.821294	4.82702
3963.71688	1.840616	4.85337
3965.645696	1.914372	4.875245
3967.574512	1.936017	4.845389
3969.503328	1.915104	4.835825
3971.432144	1.910922	4.852484
3973.36096	1.894434	4.873285
3975.289776	1.844376	4.878392
3977.218592	1.78615	4.852783
3979.147408	1.783625	4.845044
3981.076224	1.804695	4.894336
3983.00504	1.857725	4.913018
3984.933856	1.924862	4.884737
3986.862672	1.912309	4.849444
3988.791488	1.83265	4.817617
3990.720304	1.785277	4.820386
3992.64912	1.842322	4.871068

3994.577936	1.881931	4.927128
3996.506752	1.818546	4.902613
3998.435568	1.816882	4.863282
4000.364384	1.814008	4.873187

Figure 6a-b (Page 117-128)

Raman Shift (cm ⁻¹)	Intensity	
	SnSe ₂	SnSe ₂ -GO
-173.143	-0.45291	-0.31503296
-168.204	0.747284	-0.32025146
-163.267	0.847931	0.00177002
-158.334	0.549011	0.65768433
-153.402	0.350494	-0.35250854
-148.474	0.952393	0.30447388
-143.548	0.354736	-0.03799438
-138.625	-0.14252	-0.37988281
-133.705	-0.23932	0.61206055
-128.787	1.064331	-0.72924805
-123.872	0.568359	-0.07171631
-118.959	0.872833	-1.08029175
-114.05	0.577759	-0.08834839
-109.143	-0.11688	1.90411377
-104.238	0.688873	0.23046875
-99.3366	0.295105	-0.10934448
-94.4376	0.401764	-0.14733887
-89.5412	0.308868	0.4822998
-84.6475	0.316406	0.77639771
-79.7565	0.524414	-1.26263428
-74.8681	0.832825	-0.63394165
-69.9824	0.641754	-0.67098999
-65.0993	0.851074	0.29293823
-60.2189	0.960876	0.25778198
-55.3411	0.271118	-1.10980225
-50.466	0.381866	0.19015503
-45.5935	0.193085	0.77215576
-40.7236	1.00473	-0.31079102
-35.8564	0.567261	-0.40359497
-30.9919	1.559448	0.42349243
-26.13	-0.03934	-0.07540894
-21.2707	-0.08527	0.10940552
-16.414	1.527557	12.307312
-11.56	21.87094	153.515533

-6.70861	95.13403	604.732422
-1.85985	114.6113	871.956543
2.98629	92.59924	844.186768
7.829803	35.99585	361.755798
12.6707	1.099548	18.3296814
17.50897	-0.59079	-1.0921936
22.34462	-1.97595	-1.17684937
27.17766	-1.15854	-0.9246521
32.00809	-1.76321	-1.00256348
36.8359	-2.61227	-2.23693848
41.66111	-2.8111	-2.01846313
46.4837	-3.55698	-2.98254395
51.3037	-3.33197	-2.87564087
56.12108	-2.40851	-2.06506348
60.93587	0.15271	-2.07391357
65.74806	14.05392	0.86849976
70.55765	28.80801	4.57110596
75.36464	39.02078	7.677948
80.16904	46.56421	8.8218689
84.97085	47.62732	8.98965454
89.77007	49.30453	8.5078125
94.5667	50.49252	8.03900146
99.36074	49.28915	8.91394043
104.1522	48.49283	8.46414185
108.9411	50.80249	9.68817139
113.7274	49.61728	9.58514404
118.5111	48.1366	8.82086182
123.2923	46.85986	6.06140137
128.0708	45.38666	7.97286987
132.8468	46.1167	8.2215271
137.6203	42.14963	6.47375488
142.3911	41.88519	4.72915649
147.1594	40.72321	6.32086182
151.9251	38.06348	6.24865723
156.6883	35.90591	5.84564209
161.4489	37.35028	5.77835083
166.207	41.09647	5.37997437
170.9625	53.14441	4.65029907
175.7154	71.194	5.25601196
180.4658	80.44513	5.86355591
185.2136	78.7977	4.13955688
189.9589	66.65167	6.08389282
194.7017	55.00702	6.02984619
199.4419	46.86362	6.64398193
204.1795	44.22141	5.59295654

208.9146	41.98035	6.87667847
213.6472	43.74045	6.49505615
218.3773	46.50162	6.4480896
223.1048	54.66382	6.06903076
227.8297	66.82703	4.69119263
232.5522	79.3912	5.64785767
237.2721	86.25629	4.93896484
241.9895	82.22232	4.89785767
246.7043	77.08923	5.52450562
251.4166	72.05698	6.15216064
256.1265	66.42554	5.44747925
260.8337	60.29492	4.41046143
265.5385	52.36511	6.04104614
270.2408	40.03601	5.00588989
274.9405	36.30771	5.30496216
279.6377	32.4801	6.27160645
284.3325	29.35324	5.23907471
289.0247	26.72705	2.54071045
293.7144	26.20154	4.17657471
298.4016	22.07672	3.14651489
303.0863	22.35251	3.11727905
307.7685	21.729	3.75546265
312.4482	21.20609	2.39440918
317.1254	20.38376	4.70077515
321.8001	19.0621	4.00787354
326.4723	18.04102	2.98236084
331.142	17.3205	2.29089355
335.8093	18.50055	2.26678467
340.474	18.18118	0.91003418
345.1363	18.4624	1.22061157
349.796	17.64413	2.53189087
354.4533	18.92645	1.84381104
359.1081	18.40927	1.15637207
363.7605	18.19263	0.46957397
368.4103	18.27652	1.78341675
373.0577	17.56088	1.76455688
377.7026	15.64581	2.07962036
382.3451	15.73123	2.39529419
386.985	15.11713	1.71160889
391.6225	14.70355	2.0284729
396.2576	14.29044	0.67932129
400.8901	13.97781	0.33071899
405.5202	13.06567	2.31600952
410.1479	11.95401	3.3019104
414.7731	11.84283	2.2883606

419.3958	11.83209	1.60873413
424.0161	12.82184	0.26296997
428.6339	12.11203	0.91778564
433.2493	12.90268	0.90649414
437.8623	13.59378	0.89572144
442.4727	13.98535	-0.11447144
447.0808	14.67737	0.209198
451.6864	13.56982	0.20007324
456.2895	12.8627	1.8581543
460.8902	13.05606	1.18344116
465.4885	14.04984	1.17590332
470.0844	14.04404	0.5022583
474.6778	13.43869	1.16244507
479.2687	13.93378	1.82315063
483.8573	13.0293	1.48443604
488.4434	11.12524	0.81283569
493.0271	11.82162	1.47512817
497.6084	11.61844	-0.19540405
502.1872	12.41568	0.13458252
506.7636	11.31332	-0.8682251
511.3376	10.41141	-1.20388794
515.9092	8.909943	0.12765503
520.4784	10.00888	-0.20697021
525.0451	7.808228	1.12561035
529.6095	7.40802	1.12533569
534.1714	7.308228	-1.54104614
538.7309	6.608887	1.12637329
543.288	7.609955	-0.87234497
547.8427	6.211426	0.12841797
552.395	7.013336	0.12969971
556.9449	7.115692	1.13150024
561.4924	5.918427	-0.86618042
566.0375	6.521637	-0.52999878
570.5802	4.925262	-0.19335938
575.1205	5.329285	-0.52279663
579.6585	5.233795	0.14822388
584.194	3.538696	0.48648071
588.7271	5.044037	0.82519531
593.2579	4.649841	0.16448975
597.7863	4.556061	-0.16238403
602.3122	4.66272	-0.15539551
606.8358	3.769836	-0.48144531
611.3571	5.177368	-1.14059448
615.8759	3.385345	-0.13879395
620.3924	4.093781	-1.4697876

624.9065	2.802673	1.19967651
629.4182	3.812042	0.53637695
633.9275	2.421814	0.87353516
638.4345	3.732086	-0.12207031
642.9391	3.542816	-0.45046997
647.4413	2.753998	1.22125244
651.9412	2.765686	1.22512817
656.4387	2.977814	1.22949219
660.9339	4.090424	-1.43225098
665.4267	3.703552	-2.09371948
669.9171	2.717133	-0.10229492
674.4052	3.031219	0.22299194
678.8909	2.545807	0.2154541
683.3743	3.960907	0.54180908
687.8553	2.77652	-0.13134766
692.334	2.492645	-0.13729858
696.8103	2.209259	-0.47756958
701.2843	2.026459	-0.15124512
705.7559	1.644135	-0.49102783
710.2252	2.062408	0.50302124
714.6922	2.881195	0.16427612
719.1568	2.200531	1.82601929
723.6191	2.120514	0.48834229
728.079	2.540985	-1.18222046
732.5366	2.362091	0.80810547
736.9919	1.383759	-1.53475952
741.4448	2.506073	1.12115479
745.8955	1.328979	-0.8890686
750.3438	2.152527	0.43463135
754.7897	1.776733	0.75881958
759.2334	0.201538	-1.58309937
763.6747	1.527039	-0.92449951
768.1137	1.053223	0.06799316
772.5504	0.580109	-0.27236938
776.9848	0.607697	-1.27883911
781.4168	1.036011	-0.95141602
785.8466	0.66507	0.70980835
790.274	-0.30508	2.03826904
794.6991	0.625519	1.36721802
799.1219	1.856964	0.66967773
803.5425	1.089233	-0.69366455
807.9607	1.422333	0.27706909
812.3766	0.556305	-0.08474731
816.7902	0.191223	0.22088623
821.2015	0.827026	0.8605957

825.6105	0.3638	0.16769409
830.0172	0.301636	-1.8578186
834.4216	0.325165	1.11737061
838.8237	-0.45065	0.75991821
843.2236	0.374207	-0.26348877
847.6211	-1.20032	-0.61956787
852.0163	0.125854	1.69168091
856.4093	-0.34726	-0.32971191
860.8	0.680328	-1.68383789
865.1884	0.508667	0.62765503
869.5745	-0.46225	0.59341431
873.9584	-0.23245	0.22668457
878.3399	-0.5018	-0.13912964
882.7192	-0.0704	0.82919312
887.0962	-0.33813	0.13165283
891.471	-0.30502	-0.56503296
895.8435	0.028961	0.73904419
900.2137	-0.03616	1.04388428
904.5816	1.09967	-0.65048218
908.9473	1.636475	-0.01077271
913.3107	0.674255	-1.37033081
917.6718	-0.48691	-0.06253052
922.0307	0.249512	-0.08789063
926.3873	0.186279	0.88516235
930.7417	-0.27591	0.19226074
935.0938	-0.03708	0.50009155
939.4436	0.302826	0.74746704
943.7912	-0.05612	-0.67437744
948.1366	0.486053	-1.42572021
952.4797	0.729492	1.82650757
956.8205	0.974152	-0.58477783
961.1592	0.520172	-0.3263855
965.4955	0.567566	-0.06524658
969.8296	-0.48355	-0.46826172
974.1615	-0.33887	-0.86889648
978.4912	0.407166	0.06604004
982.8186	-0.24545	-0.66360474
987.1437	0.003448	-1.06658936
991.4666	-0.14615	-0.13388062
995.7873	0.305908	0.13439941
1000.106	-0.34027	1.73806763
1004.422	0.215363	1.34378052
1008.736	0.272949	1.60742188
1013.048	1.232666	1.54013062
1017.357	0.593658	1.14175415

1021.665	0.44931	1.74545288
1025.97	0.306915	-0.31555176
1030.273	-0.53339	0.9586792
1034.573	0.528595	1.90133667
1038.872	-0.30698	2.17901611
1043.168	0.119202	0.45831299
1047.462	-0.95392	1.40579224
1051.754	0.573669	2.35476685
1056.044	-0.09799	0.30511475
1060.331	-0.16895	0.25683594
1064.616	-0.03909	3.87652588
1068.899	1.091492	3.83081055
1073.18	-0.27707	2.11965942
1077.458	0.155182	2.74298096
1081.735	0.2883	2.36746216
1086.009	0.022278	1.32635498
1090.281	0.257172	3.28631592
1094.551	-0.207	4.91397095
1098.818	0.229797	6.54260254
1103.084	0.46759	4.50558472
1107.347	0.906433	7.46948242
1111.608	1.94632	5.10101318
1115.867	0.987366	5.06677246
1120.123	0.129578	5.36669922
1124.378	0.072968	6.00088501
1128.63	-0.58234	6.30252075
1132.88	0.46167	5.60440063
1137.128	0.40387	6.24020386
1141.374	0.047272	5.21017456
1145.617	0.291931	7.84762573
1149.859	-0.66205	6.1524353
1154.098	-0.31461	7.12472534
1158.335	-0.06577	7.76446533
1162.57	0.48465	6.0715332
1166.802	1.436737	7.04602051
1171.033	-1.30948	7.68789673
1175.261	-0.15384	8.66378784
1179.488	0.778412	7.30703735
1183.712	0.111542	9.61764526
1187.933	0.645508	7.92889404
1192.153	0.580414	10.2408142
1196.371	-0.78375	8.88668823
1200.586	0.653015	8.53326416
1204.799	0.490814	8.51376343
1209.01	0.229675	11.828186

1213.219	-0.13043	10.14328
1217.426	0.110596	13.4589844
1221.631	-0.24832	11.7752686
1225.833	-0.2095	10.7588196
1230.033	0.130402	15.0762939
1234.232	-0.52853	13.0610352
1238.428	-0.28638	13.0463562
1242.622	0.75705	14.6989136
1246.813	-0.63031	17.0187073
1251.003	0.382782	17.6723938
1255.19	0.096375	18.9933167
1259.376	-0.08954	20.9814758
1263.559	-0.27676	21.6368103
1267.74	0.136353	24.2927551
1271.919	-0.35007	23.9491882
1276.096	0.364014	28.9395447
1280.271	-0.02139	27.9304199
1284.443	0.793701	30.921814
1288.614	0.20929	36.2471008
1292.782	-0.17456	37.5729065
1296.948	0.442047	43.8992615
1301.112	0.559235	44.8927917
1305.274	0.076935	55.5534973
1309.434	0.095184	62.2147522
1313.592	0.113983	67.5431824
1317.747	-0.46667	78.8721313
1321.901	-0.34671	85.8682861
1326.052	0.573792	97.8649292
1330.202	1.294891	102.528748
1334.349	-0.38345	107.526428
1338.494	0.438873	113.857971
1342.637	0.161774	118.856689
1346.778	0.385315	111.855927
1350.916	1.609528	112.855682
1355.053	0.634338	103.18927
1359.188	-0.34015	93.85672
1363.32	0.186035	85.1913452
1367.45	-0.28708	74.8597717
1371.579	-0.15952	67.8620911
1375.705	-0.43118	61.5315857
1379.829	-0.22583	50.5349426
1383.951	-0.12006	47.5387878
1388.071	0.586182	41.8765259
1392.189	0.292847	39.5480652
1396.304	0.099945	30.2201843

1400.418	0.506104	31.5594482
1404.529	-0.08768	29.232605
1408.639	-0.28101	26.90625
1412.746	-1.07391	26.5804138
1416.852	-0.86636	23.921814
1420.955	1.739868	23.5970764
1425.056	0.346527	21.2728882
1429.155	-0.34637	21.6158447
1433.252	-0.03885	20.2927551
1437.347	0.269165	20.3034973
1441.44	0.877594	17.3148193
1445.531	-0.41351	15.6599731
1449.62	-0.50418	16.6723938
1453.706	0.105621	19.0187073
1457.791	-0.78412	19.6989136
1461.873	-0.57336	15.7130127
1465.954	0.33783	18.3943787
1470.032	-0.05051	17.0762939
1474.109	0.261108	17.0921631
1478.183	0.071808	18.7752686
1482.255	0.883026	18.1256409
1486.325	0.194672	18.14328
1490.394	0.40683	15.828186
1494.46	-0.18057	17.5137634
1498.524	0.33255	17.8665771
1502.586	-0.05386	18.2200317
1506.646	0.360229	20.5741577
1510.704	-0.92712	21.5955811
1514.76	-0.61404	23.9509583
1518.813	0.29953	24.3070374
1522.865	-0.28638	27.9971008
1526.915	-0.17178	29.6878967
1530.963	-0.15668	36.0460205
1535.008	0.658936	38.7382202
1539.052	0.575043	46.0977783
1543.094	0.391663	56.1247253
1547.133	0.208862	63.1524353
1551.171	0.02655	77.1809387
1555.206	0.244812	89.5435181
1559.24	0.063599	111.573547
1563.271	-0.41702	130.937744
1567.301	0.402893	139.636078
1571.328	0.923401	144.668579
1575.353	-0.15549	145.368622
1579.377	0.466187	129.736206

1583.398	-0.21152	116.104706
1587.418	-0.6886	98.1408081
1591.435	-0.46506	83.5111389
1595.45	0.959137	69.5491638
1599.463	0.283966	63.5881653
1603.475	0.309448	61.6282043
1607.484	1.035645	55.6693115
1611.491	0.462524	47.0448608
1615.497	1.090118	43.4215393
1619.5	0.018433	30.7993469
1623.501	0.44751	25.1784058
1627.5	0.077332	19.8920593
1631.497	-0.09204	15.6069946
1635.493	0.939362	11.9899597
1639.486	0.271637	7.70767212
1643.477	-0.89621	7.76019287
1647.466	-0.36395	7.8142395
1651.454	0.269165	6.20318604
1655.439	-1.09686	4.92721558
1659.422	-0.16196	5.65301514
1663.403	0.473877	4.38064575
1667.383	1.010651	2.77694702
1671.36	0.548462	3.8420105
1675.335	0.487274	2.57595825
1679.309	0.827179	2.31231689
1683.28	0.868225	0.71786499
1687.249	0.610413	2.12615967
1691.217	0.553833	1.87072754
1695.182	-0.1015	-1.04812622
1699.145	0.244537	0.03652954
1703.107	-0.93668	1.77816772
1707.066	0.382721	1.18939209
1711.024	-0.49738	0.27053833
1714.979	-0.67685	1.0218811
1718.933	-0.35577	-1.55627441
1722.884	0.2659	0.20321655
1726.834	0.288208	0.30084229
1730.782	1.211121	-1.60510254
1734.727	-0.06534	-0.50747681
1738.671	-0.24115	-0.07113647
1742.613	0.083679	0.70483398
1746.553	0.109192	-1.51202393
1750.49	-0.86633	0.94638062
1754.426	0.352386	1.41516113
1758.36	-0.83276	-0.10299683

1762.292	0.070343	-0.60409546
1766.222	-0.42773	0.08807373
1770.15	0.174591	-0.55233765
1774.076	0.277344	1.14126587
1778	0.780518	0.16900635
1781.923	0.184174	0.19747925
1785.843	-0.81177	-0.10662842
1789.761	0.192719	-0.7456665
1793.677	0.397614	-0.05130005
1797.592	-0.49704	-0.02282715
1801.504	0.908722	1.3397522
1805.415	0.414948	-0.96353149
1809.323	-0.87836	-0.59936523
1813.23	0.428711	-0.90103149
1817.135	0.335815	0.11984253
1821.037	-0.35794	1.80795288
1824.938	-0.35129	-1.83666992
1828.837	-0.24417	1.18606567
1832.734	-0.53665	-0.79064941
1836.629	0.171356	-0.10256958
1840.522	0.479767	-0.08047485
1844.413	0.588684	-0.05773926
1848.303	1.298035	-0.70101929
1852.19	-0.19217	-0.01022339
1856.075	0.518097	0.6812439
1859.959	-0.0712	0.0401001
1863.84	0.040009	1.73300171
1867.72	0.351685	1.09329224
1871.598	0.463806	0.1210022
1875.473	-0.12357	0.81613159
1879.347	0.189545	0.84539795
1883.219	0.403137	-0.45791626
1887.089	-0.98279	-0.76037598
1890.957	-0.57388	0.26947021
1894.824	0.635468	-1.03460693
1898.688	-0.25473	1.66207886
1902.55	0.055511	0.02627563
1906.411	-0.23553	0.39129639
1910.269	-0.3262	-0.9095459
1914.126	0.2836	1.12384033
1917.981	-0.10611	-1.17526245
1921.834	0.70459	1.52658081
1925.685	0.71579	-1.10400391
1929.534	0.027466	0.26635742
1933.381	0.239594	0.97103882

1937.226	-0.2478	0.01004028
1941.07	0.26532	-1.28323364
1944.911	0.378906	-0.24212646
1948.751	-0.00699	0.79171753
1952.588	-0.29813	0.13577271
1956.424	0.011261	0.14709473
1960.258	-0.07895	0.15893555
1964.09	0.131317	0.1713562
1967.92	0.34201	-0.14898682
1971.749	0.553223	-0.46878052
1975.575	0.264893	0.5453186
1979.399	0.577026	0.22665405
1983.222	-0.21036	-0.75805664
1987.043	-0.49725	0.25778198
1990.862	-1.3851	-0.39242554
1994.679	0.025146	0.29125977
1998.494	-0.46411	0.97558594
2002.307	0.047089	-1.00741577

Figure 9a (Page 128-130)

SnSe₂					
Voltage (V)	Current (A)				
	Dark	5k	15k	25k	35k
-4.99992	-4.11E-05	-4.48E-05	-4.40E-05	-4.41E-05	-4.44E-05
-4.89909	-3.76E-05	-4.13E-05	-4.13E-05	-4.21E-05	-4.27E-05
-4.7982	-3.47E-05	-3.88E-05	-3.92E-05	-4.03E-05	-4.09E-05
-4.69694	-3.27E-05	-3.71E-05	-3.70E-05	-3.82E-05	-3.87E-05
-4.59598	-3.17E-05	-3.57E-05	-3.54E-05	-3.63E-05	-3.69E-05
-4.4951	-3.03E-05	-3.38E-05	-3.33E-05	-3.47E-05	-3.54E-05
-4.39387	-2.81E-05	-3.19E-05	-3.17E-05	-3.32E-05	-3.40E-05
-4.29305	-2.68E-05	-3.07E-05	-3.05E-05	-3.16E-05	-3.25E-05
-4.19214	-2.58E-05	-2.90E-05	-2.88E-05	-3.00E-05	-3.11E-05
-4.09087	-2.43E-05	-2.73E-05	-2.74E-05	-2.86E-05	-2.97E-05
-3.99001	-2.28E-05	-2.60E-05	-2.58E-05	-2.73E-05	-2.84E-05
-3.88914	-2.17E-05	-2.42E-05	-2.46E-05	-2.60E-05	-2.72E-05
-3.78797	-2.02E-05	-2.31E-05	-2.34E-05	-2.47E-05	-2.59E-05
-3.68708	-1.90E-05	-2.19E-05	-2.23E-05	-2.34E-05	-2.46E-05
-3.58619	-1.80E-05	-2.06E-05	-2.09E-05	-2.21E-05	-2.33E-05
-3.48496	-1.72E-05	-1.99E-05	-1.97E-05	-2.09E-05	-2.21E-05
-3.38404	-1.64E-05	-1.90E-05	-1.87E-05	-1.98E-05	-2.09E-05
-3.28314	-1.62E-05	-1.81E-05	-1.78E-05	-1.88E-05	-1.97E-05
-3.18192	-1.52E-05	-1.70E-05	-1.70E-05	-1.81E-05	-1.87E-05
-3.08101	-1.47E-05	-1.62E-05	-1.61E-05	-1.72E-05	-1.77E-05

-2.9801	-1.42E-05	-1.56E-05	-1.54E-05	-1.64E-05	-1.69E-05
-2.87887	-1.38E-05	-1.46E-05	-1.46E-05	-1.56E-05	-1.60E-05
-2.77799	-1.32E-05	-1.39E-05	-1.40E-05	-1.49E-05	-1.53E-05
-2.67714	-1.26E-05	-1.30E-05	-1.34E-05	-1.42E-05	-1.45E-05
-2.57589	-1.21E-05	-1.24E-05	-1.28E-05	-1.36E-05	-1.38E-05
-2.47463	-1.13E-05	-1.21E-05	-1.22E-05	-1.27E-05	-1.30E-05
-2.37342	-1.08E-05	-1.14E-05	-1.14E-05	-1.21E-05	-1.22E-05
-2.2725	-1.03E-05	-1.08E-05	-1.08E-05	-1.14E-05	-1.19E-05
-2.17154	-9.80E-06	-1.01E-05	-1.04E-05	-1.07E-05	-1.13E-05
-2.07068	-9.24E-06	-9.63E-06	-9.83E-06	-1.02E-05	-1.06E-05
-1.9697	-8.72E-06	-9.07E-06	-9.24E-06	-9.82E-06	-1.00E-05
-1.86869	-8.22E-06	-8.41E-06	-8.87E-06	-9.20E-06	-9.21E-06
-1.76771	-7.73E-06	-7.79E-06	-8.06E-06	-8.52E-06	-8.79E-06
-1.66666	-7.24E-06	-7.39E-06	-7.54E-06	-8.05E-06	-8.16E-06
-1.56565	-6.75E-06	-6.93E-06	-7.05E-06	-7.42E-06	-7.58E-06
-1.46464	-6.27E-06	-6.35E-06	-6.48E-06	-6.95E-06	-7.02E-06
-1.36365	-5.78E-06	-5.69E-06	-5.89E-06	-6.41E-06	-6.43E-06
-1.26265	-5.29E-06	-5.18E-06	-5.38E-06	-5.48E-06	-5.48E-06
-1.1616	-4.81E-06	-4.75E-06	-5.19E-06	-5.11E-06	-5.37E-06
-1.06062	-4.31E-06	-4.39E-06	-4.35E-06	-4.60E-06	-4.79E-06
-0.95961	-3.81E-06	-3.89E-06	-4.14E-06	-4.07E-06	-4.27E-06
-0.85859	-3.32E-06	-3.15E-06	-3.36E-06	-3.54E-06	-3.70E-06
-0.75761	-2.88E-06	-2.49E-06	-2.81E-06	-3.01E-06	-3.18E-06
-0.65656	-2.30E-06	-2.14E-06	-2.27E-06	-2.53E-06	-2.64E-06
-0.55555	-1.79E-06	-1.60E-06	-1.74E-06	-1.96E-06	-2.09E-06
-0.45457	-1.27E-06	-1.26E-06	-1.24E-06	-1.41E-06	-1.50E-06
-0.34137	-7.61E-07	-4.51E-07	-7.66E-07	-7.60E-07	-8.58E-07
-0.25253	-2.45E-07	-1.85E-08	-1.82E-07	-2.86E-07	-3.93E-07
-0.15153	2.81E-07	2.55E-08	1.25E-08	1.07E-08	9.06E-09
-0.05478	8.02E-07	1.84E-07	1.62E-07	1.57E-07	1.51E-07
0.05048	1.33E-06	3.07E-07	3.25E-07	4.50E-07	8.08E-07
0.15149	2.11E-06	1.32E-06	1.36E-06	1.38E-06	2.01E-06
0.25252	2.96E-06	1.98E-06	1.91E-06	2.14E-06	2.82E-06
0.3535	3.86E-06	2.76E-06	2.98E-06	2.99E-06	3.68E-06
0.4545	4.79E-06	4.08E-06	3.70E-06	4.23E-06	4.57E-06
0.5555	5.72E-06	5.67E-06	4.42E-06	5.00E-06	5.48E-06
0.65648	6.67E-06	6.61E-06	5.27E-06	5.74E-06	6.39E-06
0.75752	7.61E-06	7.54E-06	6.61E-06	6.69E-06	7.33E-06
0.85851	8.55E-06	8.48E-06	7.58E-06	8.27E-06	8.26E-06
0.95952	9.49E-06	9.45E-06	8.40E-06	9.24E-06	9.27E-06
1.05227	1.03E-05	1.04E-05	9.91E-06	1.01E-05	1.02E-05
1.16153	1.12E-05	1.14E-05	1.13E-05	1.12E-05	1.10E-05
1.26257	1.21E-05	1.23E-05	1.23E-05	1.22E-05	1.20E-05
1.36357	1.31E-05	1.33E-05	1.32E-05	1.32E-05	1.29E-05

1.46458	1.40E-05	1.43E-05	1.41E-05	1.42E-05	1.38E-05
1.56555	1.50E-05	1.52E-05	1.51E-05	1.51E-05	1.47E-05
1.66655	1.59E-05	1.62E-05	1.61E-05	1.59E-05	1.57E-05
1.7676	1.68E-05	1.71E-05	1.70E-05	1.69E-05	1.67E-05
1.86861	1.77E-05	1.81E-05	1.79E-05	1.79E-05	1.76E-05
1.96962	1.86E-05	1.90E-05	1.87E-05	1.87E-05	1.85E-05
2.07058	1.95E-05	1.99E-05	1.96E-05	1.97E-05	1.94E-05
2.17124	2.03E-05	2.09E-05	2.06E-05	2.07E-05	2.03E-05
2.27207	2.10E-05	2.18E-05	2.16E-05	2.17E-05	2.13E-05
2.37296	2.16E-05	2.27E-05	2.26E-05	2.26E-05	2.22E-05
2.47419	2.23E-05	2.35E-05	2.35E-05	2.35E-05	2.31E-05
2.57577	2.27E-05	2.44E-05	2.45E-05	2.41E-05	2.39E-05
2.67665	2.32E-05	2.52E-05	2.54E-05	2.46E-05	2.51E-05
2.77751	2.35E-05	2.60E-05	2.62E-05	2.53E-05	2.60E-05
2.87874	2.37E-05	2.69E-05	2.69E-05	2.60E-05	2.69E-05
2.97963	2.37E-05	2.75E-05	2.74E-05	2.68E-05	2.77E-05
3.08053	2.37E-05	2.80E-05	2.79E-05	2.77E-05	2.84E-05
3.18175	2.39E-05	2.82E-05	2.83E-05	2.83E-05	2.87E-05
3.28261	2.43E-05	2.84E-05	2.84E-05	2.88E-05	2.95E-05
3.3835	2.45E-05	2.86E-05	2.85E-05	2.90E-05	2.96E-05
3.48473	2.48E-05	2.88E-05	2.86E-05	2.91E-05	2.98E-05
3.58563	2.47E-05	2.91E-05	2.89E-05	2.93E-05	3.01E-05
3.68654	2.47E-05	2.93E-05	2.90E-05	2.92E-05	3.02E-05
3.78775	2.49E-05	2.94E-05	2.91E-05	2.94E-05	3.01E-05
3.88856	2.49E-05	2.93E-05	2.90E-05	2.93E-05	3.01E-05
3.98945	2.48E-05	2.92E-05	2.89E-05	2.86E-05	2.98E-05
4.09073	2.48E-05	2.91E-05	2.88E-05	2.84E-05	2.89E-05
4.19156	2.47E-05	2.93E-05	2.86E-05	2.80E-05	2.83E-05
4.29282	2.48E-05	2.93E-05	2.83E-05	2.76E-05	2.79E-05
4.39365	2.48E-05	2.89E-05	2.81E-05	2.72E-05	2.75E-05
4.4945	2.48E-05	2.87E-05	2.78E-05	2.66E-05	2.71E-05
4.59572	2.47E-05	2.83E-05	2.73E-05	2.64E-05	2.65E-05
4.6967	2.47E-05	2.79E-05	2.71E-05	2.61E-05	2.62E-05
4.79756	2.48E-05	2.72E-05	2.64E-05	2.59E-05	2.59E-05
4.8988	2.46E-05	2.70E-05	2.62E-05	2.55E-05	2.61E-05
4.9996	2.46E-05	2.66E-05	2.59E-05	2.53E-05	2.57E-05

Figure 9b (Page 131-133)

SnSe₂:GO					
Voltage (V)	Current (A)				
	dark	5k	15k	25k	35k
-4.9996	-8.25E-04	-0.00273	-0.00373	-0.0046	-0.00516
-4.89878	-7.90E-04	-0.00193	-0.00269	-0.00344	-0.00396
-4.79791	-7.57E-04	-0.00169	-0.00229	-0.00287	-0.0033
-4.69666	-7.28E-04	-0.00152	-0.00205	-0.00252	-0.00291
-4.59568	-7.00E-04	-0.00137	-0.00191	-0.0023	-0.00261
-4.4948	-6.72E-04	-0.00125	-0.00175	-0.00212	-0.00235
-4.39358	-6.46E-04	-0.00115	-0.00159	-0.00195	-0.00215
-4.29277	-6.21E-04	-0.00107	-0.00147	-0.00182	-0.00199
-4.19186	-5.98E-04	-0.001	-0.00137	-0.00169	-0.00186
-4.09059	-5.75E-04	-8.95E-04	-0.0013	-0.00156	-0.00173
-3.9897	-5.54E-04	-8.44E-04	-0.00123	-0.00145	-0.00161
-3.88885	-5.31E-04	-7.98E-04	-0.00115	-0.00137	-0.0015
-3.7877	-5.11E-04	-7.53E-04	-0.00109	-0.00129	-0.00142
-3.6868	-4.90E-04	-7.18E-04	-0.00103	-0.00122	-0.00133
-3.58592	-4.69E-04	-6.79E-04	-9.19E-04	-0.00114	-0.00126
-3.48469	-4.45E-04	-6.39E-04	-8.68E-04	-0.00108	-0.00118
-3.38377	-4.25E-04	-6.11E-04	-8.24E-04	-0.00102	-0.00111
-3.28287	-4.06E-04	-5.78E-04	-7.87E-04	-9.36E-04	-0.00106
-3.18166	-3.90E-04	-5.49E-04	-7.42E-04	-8.88E-04	-9.60E-04
-3.08076	-3.68E-04	-5.23E-04	-7.06E-04	-8.26E-04	-9.17E-04
-2.97984	-3.53E-04	-5.00E-04	-6.84E-04	-7.81E-04	-8.67E-04
-2.87861	-3.34E-04	-4.72E-04	-6.36E-04	-7.38E-04	-8.27E-04
-2.77773	-3.18E-04	-4.51E-04	-5.99E-04	-6.95E-04	-7.83E-04
-2.67687	-3.02E-04	-4.32E-04	-5.76E-04	-6.57E-04	-7.30E-04
-2.57563	-2.86E-04	-4.10E-04	-5.41E-04	-6.11E-04	-6.92E-04
-2.47441	-2.70E-04	-3.89E-04	-5.09E-04	-5.81E-04	-6.50E-04
-2.37317	-2.53E-04	-3.68E-04	-4.80E-04	-5.42E-04	-6.11E-04
-2.27227	-2.39E-04	-3.45E-04	-4.46E-04	-5.09E-04	-5.74E-04
-2.17143	-2.25E-04	-3.23E-04	-4.17E-04	-4.79E-04	-5.36E-04
-2.07065	-2.11E-04	-3.02E-04	-3.88E-04	-4.47E-04	-5.01E-04
-1.96968	-1.98E-04	-2.81E-04	-3.63E-04	-4.14E-04	-4.65E-04
-1.86867	-1.84E-04	-2.61E-04	-3.34E-04	-3.83E-04	-4.32E-04
-1.76768	-1.70E-04	-2.41E-04	-3.07E-04	-3.53E-04	-3.95E-04
-1.66664	-1.55E-04	-2.20E-04	-2.80E-04	-3.22E-04	-3.60E-04
-1.56563	-1.41E-04	-1.99E-04	-2.52E-04	-2.92E-04	-3.28E-04
-1.46462	-1.25E-04	-1.79E-04	-2.26E-04	-2.63E-04	-2.95E-04
-1.36364	-1.10E-04	-1.59E-04	-2.02E-04	-2.34E-04	-2.61E-04
-1.26259	-9.72E-05	-1.38E-04	-1.77E-04	-2.06E-04	-2.29E-04
-1.16158	-8.06E-05	-1.18E-04	-1.52E-04	-1.77E-04	-1.97E-04
-1.06059	-6.49E-05	-1.01E-04	-1.27E-04	-1.49E-04	-1.66E-04

-0.95958	-4.95E-05	-7.84E-05	-1.01E-04	-1.21E-04	-1.33E-04
-0.85856	-3.43E-05	-5.74E-05	-8.03E-05	-9.89E-05	-1.02E-04
-0.75759	-1.94E-05	-3.64E-05	-5.28E-05	-6.73E-05	-7.70E-05
-0.65653	-7.69E-06	-1.57E-05	-2.69E-05	-3.61E-05	-4.34E-05
-0.55552	8.47E-06	-5.59E-06	-1.29E-05	-1.75E-05	-2.16E-05
-0.45455	1.85E-05	1.75E-05	1.98E-05	2.09E-05	1.97E-05
-0.35354	3.40E-05	4.61E-05	5.53E-05	6.14E-05	6.48E-05
-0.25252	4.88E-05	7.44E-05	9.50E-05	1.05E-04	1.00E-04
-0.15151	6.44E-05	1.05E-04	1.21E-04	1.36E-04	1.56E-04
-0.05051	8.13E-05	1.26E-04	1.66E-04	1.88E-04	2.17E-04
0.05048	9.90E-05	1.62E-04	2.17E-04	2.44E-04	2.80E-04
0.15151	1.07E-04	2.02E-04	2.68E-04	3.01E-04	3.44E-04
0.25255	1.27E-04	2.41E-04	3.19E-04	3.66E-04	4.09E-04
0.35354	1.45E-04	2.81E-04	3.69E-04	4.32E-04	4.75E-04
0.45454	1.63E-04	3.22E-04	4.19E-04	5.02E-04	5.46E-04
0.55554	1.85E-04	3.67E-04	4.75E-04	5.74E-04	6.21E-04
0.65652	2.10E-04	4.16E-04	5.38E-04	6.45E-04	7.00E-04
0.75756	2.39E-04	4.69E-04	6.01E-04	7.18E-04	7.77E-04
0.85856	2.71E-04	5.22E-04	6.58E-04	7.89E-04	8.54E-04
0.95957	3.07E-04	5.74E-04	7.27E-04	8.63E-04	9.30E-04
1.06059	3.42E-04	6.25E-04	7.95E-04	9.34E-04	0.00101
1.16156	3.76E-04	6.72E-04	8.59E-04	0.001	0.00103
1.2626	4.09E-04	7.20E-04	9.30E-04	0.00102	0.00112
1.3636	4.42E-04	7.68E-04	9.99E-04	0.00109	0.00121
1.46461	4.76E-04	8.15E-04	9.72E-04	0.00116	0.00129
1.56558	5.09E-04	8.62E-04	0.00102	0.00123	0.00136
1.66658	5.44E-04	9.09E-04	0.00107	0.00128	0.00142
1.76762	5.79E-04	9.53E-04	0.00111	0.00133	0.00148
1.86863	6.17E-04	9.96E-04	0.00115	0.00136	0.00153
1.96964	6.54E-04	0.00103	0.00118	0.00138	0.00157
2.07061	6.82E-04	0.00105	0.00121	0.00141	0.0016
2.17131	7.07E-04	9.73E-04	0.00123	0.00144	0.00164
2.27213	7.38E-04	0.001	0.00125	0.00146	0.00166
2.37302	7.60E-04	0.00102	0.00127	0.00149	0.00168
2.47424	7.86E-04	0.00105	0.00129	0.0015	0.00169
2.5758	8.12E-04	0.00107	0.00132	0.00154	0.0017
2.67668	8.31E-04	0.0011	0.00133	0.00155	0.00172
2.77754	8.47E-04	0.00113	0.00135	0.00155	0.00173
2.87877	8.56E-04	0.00112	0.00138	0.00156	0.00174
2.97965	8.69E-04	0.00115	0.00137	0.00157	0.00177
3.08054	8.85E-04	0.00115	0.00137	0.00157	0.00176
3.18178	9.10E-04	0.00116	0.00135	0.00157	0.00176
3.28262	9.05E-04	0.00117	0.00137	0.00159	0.00176
3.38351	9.13E-04	0.00117	0.00137	0.00161	0.00177

3.48474	9.25E-04	0.00116	0.00136	0.00162	0.00178
3.58564	9.45E-04	0.00117	0.00136	0.00161	0.00176
3.68654	9.52E-04	0.00118	0.00137	0.0016	0.00168
3.78777	9.58E-04	0.00119	0.00134	0.00156	0.00173
3.88856	9.59E-04	0.00119	0.00134	0.00154	0.00167
3.98946	9.65E-04	0.0012	0.00133	0.00157	0.00163
4.09071	9.66E-04	0.00119	0.00133	0.00153	0.00162
4.19156	9.75E-04	0.00119	0.00133	0.00153	0.00164
4.29282	9.77E-04	0.00118	0.00134	0.00154	0.00169
4.39361	9.79E-04	0.00119	0.00135	0.00152	0.0016
4.49451	9.86E-04	0.0012	0.00136	0.0015	0.00159
4.59572	9.94E-04	0.0012	0.00135	0.0015	0.00159
4.69668	0.001	0.00123	0.00136	0.0015	0.0016
4.79758	0.00101	0.00122	0.00136	0.0015	0.00162
4.89875	0.00101	0.00121	0.00137	0.00153	0.00161
4.99959	0.00103	0.00122	0.00137	0.00151	0.00162

Figure 11a (Page no. 133-135)

Voltage (V)	Current (A)			
	SnSe ₂ 0.01 M	SnSe ₂ 0.1 M	SnSe ₂ 0.5 M	SnSe ₂ 1 M
-14.9999	-1.64E-05	-4.51E-04	-0.00787	-0.00324
-14.697	-1.58E-05	-4.23E-04	-0.00747	-0.00143
-14.394	-1.51E-05	-3.98E-04	-0.0061	-0.00116
-14.091	-1.46E-05	-3.78E-04	-0.0052	-8.12E-04
-13.7879	-1.41E-05	-3.61E-04	-0.0046	-7.10E-04
-13.485	-1.36E-05	-3.47E-04	-0.00412	-6.27E-04
-13.182	-1.31E-05	-3.36E-04	-0.00371	-5.63E-04
-12.879	-1.27E-05	-3.25E-04	-0.00337	-5.06E-04
-12.5759	-1.22E-05	-3.12E-04	-0.00308	-4.53E-04
-12.2723	-1.18E-05	-3.00E-04	-0.00284	-4.11E-04
-11.9694	-1.14E-05	-2.88E-04	-0.00261	-3.76E-04
-11.6664	-1.11E-05	-2.78E-04	-0.00242	-3.43E-04
-11.3634	-1.07E-05	-2.70E-04	-0.00224	-3.17E-04
-11.0604	-1.03E-05	-2.59E-04	-0.00209	-2.98E-04
-10.7574	-9.74E-06	-2.49E-04	-0.00195	-2.70E-04
-10.4544	-9.23E-06	-2.39E-04	-0.00183	-2.51E-04
-10.1493	-8.83E-06	-2.31E-04	-0.0017	-2.34E-04
-9.84827	-8.50E-06	-2.21E-04	-0.0016	-2.19E-04
-9.5453	-8.16E-06	-2.12E-04	-0.0015	-2.05E-04
-9.24238	-7.84E-06	-2.04E-04	-0.00141	-1.94E-04

-8.93927	-7.50E-06	-1.94E-04	-0.00133	-1.83E-04
-8.6363	-7.18E-06	-1.86E-04	-0.00125	-1.73E-04
-8.33329	-6.86E-06	-1.80E-04	-0.00117	-1.65E-04
-8.03028	-6.56E-06	-1.71E-04	-0.00111	-1.58E-04
-7.7273	-6.24E-06	-1.63E-04	-0.00103	-1.52E-04
-7.42368	-5.94E-06	-1.55E-04	-9.46E-04	-1.44E-04
-7.12064	-5.63E-06	-1.47E-04	-8.75E-04	-1.38E-04
-6.81768	-5.33E-06	-1.39E-04	-8.27E-04	-1.34E-04
-6.51478	-5.03E-06	-1.32E-04	-7.63E-04	-1.27E-04
-6.21172	-4.73E-06	-1.24E-04	-7.14E-04	-1.23E-04
-5.90867	-4.44E-06	-1.17E-04	-6.76E-04	-1.20E-04
-5.6057	-4.15E-06	-1.09E-04	-6.20E-04	-1.14E-04
-5.30269	-3.86E-06	-1.02E-04	-5.77E-04	-1.12E-04
-4.99967	-3.58E-06	-9.43E-05	-5.35E-04	-1.08E-04
-4.69677	-3.30E-06	-8.70E-05	-4.98E-04	-1.05E-04
-4.39371	-3.02E-06	-8.00E-05	-4.55E-04	-1.03E-04
-4.09068	-2.75E-06	-7.31E-05	-4.21E-04	-1.01E-04
-3.78774	-2.48E-06	-6.63E-05	-3.80E-04	-9.67E-05
-3.48478	-2.21E-06	-5.96E-05	-3.43E-04	-8.50E-05
-3.18171	-1.94E-06	-5.29E-05	-3.12E-04	-8.44E-05
-2.87868	-1.67E-06	-4.62E-05	-2.76E-04	-8.20E-05
-2.57569	-1.42E-06	-3.96E-05	-2.40E-04	-8.14E-05
-2.27233	-1.16E-06	-3.29E-05	-2.04E-04	-7.90E-05
-1.45505	-4.91E-07	-2.63E-05	-1.67E-04	-7.87E-05
-1.27178	-3.62E-07	-1.95E-05	-1.28E-04	-7.76E-05
-1.0825	-2.21E-07	-1.26E-05	-1.23E-04	-6.60E-05
-0.92154	-1.03E-07	-6.19E-06	-4.59E-05	-1.56E-04
-0.70465	-4.43E-08	1.13E-06	6.01E-05	1.55E-04
-0.45455	1.24E-07	8.70E-06	1.87E-04	4.82E-04
-0.1515	3.09E-07	1.63E-05	3.22E-04	6.67E-04
0.15151	4.76E-07	2.46E-05	4.61E-04	7.81E-04
0.11497	3.73E-07	3.29E-05	6.04E-04	9.95E-04
0.75757	9.36E-07	4.11E-05	7.48E-04	0.00117
1.06059	1.28E-06	4.88E-05	8.90E-04	0.0016
1.36362	1.61E-06	5.66E-05	0.00103	0.00201
1.6666	1.95E-06	6.39E-05	0.00114	0.00237
1.96967	2.30E-06	7.14E-05	0.00128	0.00264
2.27224	2.63E-06	7.84E-05	0.00141	0.00281
2.57594	2.96E-06	8.60E-05	0.00153	0.00288
2.87888	3.27E-06	9.32E-05	0.00166	0.00288
3.18193	3.66E-06	1.01E-04	0.00177	0.00282
3.4849	3.98E-06	1.05E-04	0.00188	0.00273
3.78793	4.28E-06	1.13E-04	0.00197	0.00265
4.09087	4.58E-06	1.21E-04	0.00206	0.00253
4.39373	4.90E-06	1.31E-04	0.00215	0.00241
4.69682	5.23E-06	1.39E-04	0.00224	0.0023

4.99973	5.53E-06	1.48E-04	0.00233	0.00221
5.3027	5.81E-06	1.57E-04	0.00244	0.00213
5.60565	6.10E-06	1.65E-04	0.00256	0.00205
5.90869	6.37E-06	1.73E-04	0.00267	0.00197
6.21167	6.66E-06	1.82E-04	0.00279	0.00188
6.51471	6.95E-06	1.90E-04	0.00291	0.00181
6.81754	7.22E-06	1.98E-04	0.00304	0.00174
7.12053	7.54E-06	2.06E-04	0.00315	0.00168
7.42356	7.80E-06	2.15E-04	0.00327	0.00163
7.72714	8.05E-06	2.23E-04	0.0034	0.00158
8.03017	8.33E-06	2.31E-04	0.00352	0.00151
8.33305	8.58E-06	2.39E-04	0.00364	0.00144
8.63277	8.82E-06	2.47E-04	0.00378	0.00138
8.91728	9.04E-06	2.54E-04	0.0039	0.00128
9.16711	9.22E-06	2.61E-04	0.004	0.00121
9.54529	9.29E-06	2.68E-04	0.00408	0.00115
9.84824	9.18E-06	2.76E-04	0.00417	0.00109
10.15128	9.15E-06	2.82E-04	0.00422	0.00105
10.45422	9.15E-06	2.88E-04	0.00425	0.00101
10.66986	9.23E-06	2.94E-04	0.00425	8.43E-04
10.90027	9.42E-06	3.01E-04	0.00424	8.43E-04
11.36319	9.69E-06	3.09E-04	0.00416	8.21E-04
11.66622	9.74E-06	3.15E-04	0.00407	8.11E-04
11.96919	9.80E-06	3.21E-04	0.00397	7.99E-04
12.27214	1.00E-05	3.27E-04	0.00384	7.89E-04
12.57571	1.03E-05	3.32E-04	0.00369	7.73E-04
12.87877	1.06E-05	3.38E-04	0.00356	7.67E-04
13.18172	1.08E-05	3.43E-04	0.00345	7.57E-04
13.4847	1.10E-05	3.48E-04	0.00334	7.47E-04
13.78767	1.13E-05	3.53E-04	0.00325	7.39E-04
14.09065	1.15E-05	3.59E-04	0.00315	7.34E-04
14.39368	1.17E-05	3.62E-04	0.00307	7.29E-04
14.69665	1.20E-05	3.67E-04	0.00299	7.33E-04
14.99963	1.22E-05	3.71E-04	0.00291	7.19E-04

Figure 11b (Page no. 135-140)

Voltage (V)	Current (A)	
	SnSe ₂ 0.5 M	SnSe ₂ 1 M
-14.9999	-0.00758	-0.01216
-14.697	-0.0079	-0.00351
-14.394	-0.00769	-0.00244
-14.091	-0.00732	-0.00186

-13.788	-0.00678	-0.00148
-13.485	-0.00611	-0.00122
-13.182	-0.00553	-0.00106
-12.8791	-0.00504	-7.84E-04
-12.576	-0.0046	-7.05E-04
-12.2723	-0.00423	-6.33E-04
-11.9694	-0.00391	-5.82E-04
-11.6664	-0.00361	-5.34E-04
-11.3634	-0.00332	-4.93E-04
-11.0604	-0.00304	-4.57E-04
-10.7574	-0.00278	-4.26E-04
-10.4544	-0.00256	-4.00E-04
-10.1514	-0.00235	-3.78E-04
-9.84832	-0.00216	-3.55E-04
-9.38188	-0.00198	-3.36E-04
-9.24243	-0.00181	-3.19E-04
-8.93932	-0.00166	-3.02E-04
-8.63634	-0.00153	-2.85E-04
-8.33326	-0.00143	-2.72E-04
-8.03031	-0.00133	-2.60E-04
-7.72728	-0.00124	-2.51E-04
-7.42371	-0.00114	-2.50E-04
-7.12061	-0.00106	-2.67E-04
-6.81764	-9.74E-04	-2.25E-04
-6.51475	-8.97E-04	-2.27E-04
-6.21171	-8.36E-04	-2.13E-04
-5.90872	-7.75E-04	-2.04E-04
-5.60563	-7.21E-04	-2.03E-04
-5.30265	-6.69E-04	-1.98E-04
-4.99976	-6.22E-04	-1.87E-04
-4.6968	-5.93E-04	-1.82E-04
-4.39368	-5.52E-04	-1.74E-04
-4.0907	-4.92E-04	-1.80E-04
-3.78779	-4.43E-04	-1.79E-04
-3.48472	-4.07E-04	-1.68E-04
-3.1817	-3.68E-04	-1.65E-04
-2.87869	-3.52E-04	-1.57E-04
-2.57569	-3.00E-04	-1.53E-04
-2.27238	-2.66E-04	-1.54E-04
-1.96969	-2.37E-04	-1.50E-04
-1.66663	-1.99E-04	-1.46E-04
-1.36364	-1.52E-04	-1.38E-04
-0.65737	-9.03E-05	-1.25E-04
-0.7576	2.00E-05	-1.39E-04
-0.28626	1.22E-04	-5.42E-05

-0.11429	2.46E-04	7.07E-05
0.15151	3.70E-04	4.72E-04
0.45454	4.94E-04	9.03E-04
0.40042	6.17E-04	0.00117
0.5554	7.39E-04	0.0016
0.67852	8.63E-04	0.00197
1.66659	9.82E-04	0.00229
1.96966	0.00102	0.00253
2.27226	0.00114	0.00268
2.57592	0.00126	0.00274
2.87892	0.00137	0.00272
3.18192	0.00149	0.00267
3.48492	0.00161	0.00261
3.78786	0.00174	0.00253
4.09086	0.00186	0.00242
4.39369	0.00198	0.00231
4.69685	0.0021	0.00222
4.99977	0.00221	0.00212
5.30273	0.00232	0.00203
5.60561	0.00243	0.00195
5.90868	0.00254	0.00187
6.21161	0.00264	0.00179
6.5147	0.00275	0.00169
6.81755	0.00286	0.00158
7.1205	0.00297	0.00147
7.42351	0.00308	0.00133
7.72712	0.00318	0.0012
8.03011	0.00329	0.00111
8.33304	0.00339	0.00103
8.63605	0.00349	8.16E-04
8.93932	0.00358	7.93E-04
9.24147	0.00365	7.76E-04
9.53177	0.00371	7.62E-04
9.84821	0.00376	7.40E-04
10.15127	0.0038	7.23E-04
10.4542	0.00382	7.13E-04
10.75113	0.0038	7.05E-04
11.03273	0.00374	6.83E-04
11.27212	0.00366	6.72E-04
11.52543	0.00356	6.66E-04
11.74072	0.00344	6.54E-04
12.27212	0.0033	6.43E-04
12.5757	0.00317	6.35E-04
12.87875	0.00305	6.29E-04
13.1817	0.00296	6.24E-04
13.48469	0.00287	6.10E-04

13.78765	0.00278	6.17E-04
14.09064	0.0027	6.09E-04
14.39367	0.00262	6.04E-04
14.69663	0.00256	5.97E-04
14.9996	0.00249	5.95E-04
14.69663	0.00229	5.36E-04
14.39367	0.00212	4.91E-04
14.09062	0.00196	4.50E-04
13.78765	0.00183	4.19E-04
13.18314	0.00171	3.91E-04
12.98754	0.00159	3.63E-04
12.87875	0.0015	3.43E-04
12.5757	0.00139	3.21E-04
12.27181	0.00131	3.03E-04
11.9689	0.00123	2.90E-04
11.66595	0.00115	2.71E-04
11.36293	0.00109	2.57E-04
11.05993	0.00102	2.45E-04
10.757	9.22E-04	2.34E-04
10.45397	8.66E-04	2.20E-04
10.15104	8.16E-04	2.09E-04
9.848	7.65E-04	2.20E-04
9.54511	7.20E-04	1.93E-04
9.24217	6.78E-04	1.86E-04
8.93916	6.35E-04	1.79E-04
8.63613	5.98E-04	1.71E-04
8.33312	5.64E-04	1.66E-04
8.03021	5.30E-04	1.59E-04
7.7272	4.96E-04	1.53E-04
7.42362	4.77E-04	1.47E-04
7.12061	4.38E-04	1.44E-04
6.81761	4.06E-04	1.43E-04
6.51469	3.81E-04	1.37E-04
6.21171	3.55E-04	1.32E-04
5.90869	3.32E-04	1.28E-04
5.60573	3.09E-04	1.25E-04
5.30276	2.87E-04	1.23E-04
4.99979	2.69E-04	1.19E-04
4.6969	2.45E-04	1.18E-04
4.39382	2.27E-04	1.14E-04
4.09089	2.10E-04	1.11E-04
3.78797	1.92E-04	1.09E-04
3.48491	1.77E-04	1.10E-04
3.18191	1.59E-04	1.10E-04
2.87894	1.45E-04	1.07E-04
2.57597	1.28E-04	1.09E-04

2.27228	1.08E-04	1.11E-04
1.96967	1.08E-04	1.17E-04
1.06234	9.56E-05	1.20E-04
0.87403	6.64E-05	1.20E-04
0.68272	3.71E-05	1.15E-04
0.51426	-1.38E-05	9.96E-05
0.32072	-1.24E-04	-9.29E-05
0.1515	-2.45E-04	-4.96E-05
-0.1515	-3.71E-04	-3.87E-04
-0.45455	-4.99E-04	-8.12E-04
-0.38506	-6.26E-04	-0.00114
-0.53904	-7.52E-04	-0.00155
-0.67377	-8.75E-04	-0.0019
-1.66664	-9.89E-04	-0.00218
-1.96968	-0.001	-0.00239
-2.27232	-0.0011	-0.00257
-2.57566	-0.00121	-0.00268
-2.87864	-0.00131	-0.00274
-3.18172	-0.00142	-0.00278
-3.48474	-0.00154	-0.00277
-3.78777	-0.00166	-0.00275
-4.09069	-0.00178	-0.00271
-4.39366	-0.0019	-0.00263
-4.69676	-0.00202	-0.00253
-4.99966	-0.00214	-0.00244
-5.30263	-0.00226	-0.00234
-5.6057	-0.00238	-0.00225
-5.90869	-0.0025	-0.00216
-6.21171	-0.00262	-0.00206
-6.51475	-0.00274	-0.00196
-6.81763	-0.00285	-0.00187
-7.12058	-0.00296	-0.00174
-7.42371	-0.00307	-0.0016
-7.7253	-0.00318	-0.00147
-8.03039	-0.00329	-0.00133
-8.33338	-0.0034	-0.00124
-8.6364	-0.0035	-0.00115
-8.88739	-0.00359	-0.00107
-9.12307	-0.00368	-0.00101
-9.54537	-0.00374	-7.94E-04
-9.84832	-0.00379	-7.72E-04
-10.1514	-0.00382	-7.77E-04
-10.4544	-0.00384	-7.48E-04
-10.7574	-0.00381	-7.37E-04
-11.0603	-0.00381	-7.06E-04
-11.3634	-0.00379	-6.96E-04

-11.6664	-0.0038	-6.90E-04
-11.9694	-0.00379	-6.66E-04
-12.2723	-0.0038	-6.57E-04
-12.576	-0.00379	-6.49E-04
-12.8791	-0.00377	-6.36E-04
-13.182	-0.00376	-6.26E-04
-13.485	-0.00373	-6.26E-04
-13.788	-0.00368	-6.25E-04
-14.091	-0.00359	-6.20E-04
-14.394	-0.00351	-6.06E-04
-14.6971	-0.0034	-6.08E-04
-14.9999	-0.00329	-6.05E-04

Figure 12a (Page no. 140-142)

Voltage (V)	Current (A)			
	SnSe ₂ 1:2	SnSe ₂ 1:3	SnSe ₂ 1:4	SnSe ₂ 1:5
-14.9999	-0.00787	-0.0105	-0.00632	-0.0105
-14.6972	-0.00747	-0.00429	-0.00623	-0.00602
-14.3941	-0.0061	-0.00221	-0.00594	-0.00329
-14.0911	-0.0052	-0.00158	-0.00557	-0.00208
-13.788	-0.0046	-0.00123	-0.00519	-0.00152
-13.4851	-0.00412	-8.16E-04	-0.0049	-0.0012
-13.182	-0.00371	-6.97E-04	-0.00462	-0.00101
-12.8791	-0.00337	-6.21E-04	-0.00434	-7.25E-04
-12.576	-0.00308	-5.53E-04	-0.00406	-6.37E-04
-12.2724	-0.00284	-4.96E-04	-0.00381	-5.74E-04
-11.9695	-0.00261	-4.46E-04	-0.00357	-5.15E-04
-11.6664	-0.00242	-4.08E-04	-0.00335	-4.72E-04
-11.3635	-0.00224	-3.70E-04	-0.00315	-4.49E-04
-11.0604	-0.00209	-3.43E-04	-0.00295	-4.03E-04
-10.7575	-0.00195	-3.20E-04	-0.00278	-3.77E-04
-10.4544	-0.00183	-2.96E-04	-0.00263	-3.44E-04
-10.1515	-0.0017	-2.71E-04	-0.00249	-3.29E-04
-9.8484	-0.0016	-2.52E-04	-0.00234	-3.02E-04
-9.54542	-0.0015	-2.36E-04	-0.00221	-2.82E-04
-9.2425	-0.00141	-2.18E-04	-0.00209	-2.63E-04
-8.9395	-0.00133	-2.03E-04	-0.00197	-2.47E-04
-8.63645	-0.00125	-1.89E-04	-0.00186	-2.33E-04
-8.33345	-0.00117	-1.78E-04	-0.00176	-2.37E-04
-8.03047	-0.00111	-1.64E-04	-0.00166	-2.07E-04
-7.72742	-0.00103	-1.52E-04	-0.00157	-1.98E-04

-7.42346	-9.46E-04	-1.43E-04	-0.00147	-1.85E-04
-7.12061	-8.75E-04	-1.34E-04	-0.00138	-1.77E-04
-6.81766	-8.27E-04	-1.26E-04	-0.0013	-1.66E-04
-6.51474	-7.63E-04	-1.18E-04	-0.00122	-1.56E-04
-6.21181	-7.14E-04	-1.11E-04	-0.00114	-1.48E-04
-5.90879	-6.76E-04	-1.05E-04	-0.00107	-1.39E-04
-5.60571	-6.20E-04	-1.01E-04	-0.001	-1.32E-04
-5.30272	-5.77E-04	-9.06E-05	-9.23E-04	-1.25E-04
-4.99977	-5.35E-04	-8.41E-05	-9.09E-04	-1.18E-04
-4.69684	-4.98E-04	-7.96E-05	-7.91E-04	-1.11E-04
-4.39368	-4.55E-04	-7.49E-05	-7.31E-04	-1.05E-04
-4.09073	-4.21E-04	-7.09E-05	-6.73E-04	-1.00E-04
-3.7878	-3.80E-04	-6.57E-05	-6.20E-04	-9.99E-05
-3.48479	-3.43E-04	-6.19E-05	-5.67E-04	-8.90E-05
-3.18176	-3.12E-04	-5.79E-05	-5.15E-04	-8.18E-05
-2.87871	-2.76E-04	-5.42E-05	-4.71E-04	-7.52E-05
-2.57572	-2.40E-04	-5.03E-05	-4.22E-04	-7.02E-05
-2.27229	-2.04E-04	-4.67E-05	-3.72E-04	-6.39E-05
-1.96969	-1.67E-04	-4.28E-05	-3.19E-04	-5.84E-05
-1.66664	-1.28E-04	-3.84E-05	-2.60E-04	-5.11E-05
-1.36365	-1.23E-04	-3.25E-05	-2.02E-04	-4.22E-05
-1.06061	-4.59E-05	-2.46E-05	-1.28E-04	-2.92E-05
-0.75761	6.01E-05	-1.20E-05	-2.26E-05	-1.15E-05
-0.45456	1.87E-04	2.53E-05	1.01E-04	9.21E-05
-0.15152	3.22E-04	1.92E-04	2.16E-04	3.03E-04
0.15149	4.61E-04	3.32E-04	3.39E-04	5.04E-04
0.45451	6.04E-04	4.41E-04	4.63E-04	6.96E-04
0.75753	7.48E-04	5.99E-04	5.85E-04	8.47E-04
1.06055	8.90E-04	7.90E-04	7.06E-04	8.77E-04
1.36356	0.00103	9.98E-04	8.26E-04	9.72E-04
1.66658	0.00114	0.00109	9.44E-04	0.00102
1.96964	0.00128	0.00124	0.00103	0.00117
2.27217	0.00141	0.00136	0.00114	0.00131
2.57586	0.00153	0.00146	0.00124	0.00143
2.87883	0.00166	0.00158	0.00133	0.0015
3.18185	0.00177	0.00163	0.00142	0.00155
3.48484	0.00188	0.00173	0.0015	0.00158
3.78786	0.00197	0.00177	0.00158	0.0016
4.09082	0.00206	0.00183	0.00166	0.00161
4.39373	0.00215	0.00187	0.00176	0.0016
4.6968	0.00224	0.00192	0.00186	0.00159
4.99971	0.00233	0.00192	0.00196	0.00157
5.30269	0.00244	0.00192	0.00206	0.00155
5.60563	0.00256	0.00191	0.00217	0.00152
5.90864	0.00267	0.00189	0.00227	0.00148
6.21162	0.00279	0.00186	0.00236	0.00143

6.51466	0.00291	0.00182	0.00246	0.00137
6.81753	0.00304	0.00177	0.00255	0.0013
7.12048	0.00315	0.0017	0.00264	0.00125
7.42353	0.00327	0.00164	0.0027	0.00121
7.72711	0.0034	0.00158	0.00276	0.00115
8.03015	0.00352	0.00149	0.00281	0.00109
8.33307	0.00364	0.00139	0.00286	0.00104
8.63607	0.00378	0.00131	0.00291	8.05E-04
8.93906	0.0039	0.00123	0.00295	7.86E-04
9.2421	0.004	0.00118	0.00297	7.72E-04
9.54503	0.00408	0.00111	0.00299	7.42E-04
9.84794	0.00417	0.00106	0.00299	7.25E-04
10.15097	0.00422	0.00104	0.00296	6.99E-04
10.45393	0.00425	0.00101	0.00292	7.00E-04
10.75694	0.00425	8.30E-04	0.00287	6.78E-04
11.0599	0.00424	8.37E-04	0.00281	6.52E-04
11.36289	0.00416	8.14E-04	0.00274	6.38E-04
11.66593	0.00407	8.25E-04	0.00267	6.36E-04
11.9689	0.00397	8.12E-04	0.00258	6.09E-04
12.27186	0.00384	8.15E-04	0.00251	5.94E-04
12.57546	0.00369	7.92E-04	0.00244	6.02E-04
12.8785	0.00356	8.10E-04	0.00233	5.71E-04
13.18145	0.00345	7.87E-04	0.00236	5.64E-04
13.48443	0.00334	7.81E-04	0.0022	5.56E-04
13.78741	0.00325	7.78E-04	0.00213	5.57E-04
14.09036	0.00315	7.94E-04	0.00206	5.56E-04
14.39343	0.00307	7.81E-04	0.002	5.38E-04
14.69638	0.00299	7.52E-04	0.00195	5.29E-04
14.99938	0.00291	7.86E-04	0.00189	5.22E-04

Figure 12b (Page no. 142-147)

Voltage (V)	Current (A)			
	SnSe ₂ 1:2	SnSe ₂ 1:3	SnSe ₂ 1:4	SnSe ₂ 1:5
-14.9999	-0.00758	-0.00492	-0.00589	-0.0105
-14.697	-0.0079	-0.00197	-0.00595	-0.00853
-14.394	-0.00769	-0.00153	-0.00579	-0.00605
-14.091	-0.00732	-0.00124	-0.00555	-0.00408
-13.788	-0.00678	-0.00105	-0.00529	-0.00267
-13.4851	-0.00611	-7.79E-04	-0.00504	-0.00194
-13.182	-0.00553	-6.78E-04	-0.00474	-0.00151
-12.8791	-0.00504	-6.07E-04	-0.00454	-0.00123
-12.576	-0.0046	-5.34E-04	-0.00431	-0.00103

-12.2724	-0.00423	-4.88E-04	-0.00409	-7.55E-04
-11.9695	-0.00391	-4.39E-04	-0.00385	-6.64E-04
-11.6664	-0.00361	-4.05E-04	-0.00361	-5.86E-04
-11.3635	-0.00332	-3.71E-04	-0.00337	-5.28E-04
-11.0604	-0.00304	-3.39E-04	-0.00314	-4.88E-04
-10.7575	-0.00278	-3.16E-04	-0.00294	-4.44E-04
-10.4544	-0.00256	-3.03E-04	-0.00275	-4.06E-04
-10.1515	-0.00235	-2.77E-04	-0.00256	-3.73E-04
-9.8484	-0.00216	-2.57E-04	-0.0024	-3.47E-04
-9.54543	-0.00198	-2.40E-04	-0.00224	-3.19E-04
-9.24246	-0.00181	-2.22E-04	-0.00209	-2.97E-04
-8.93946	-0.00166	-2.08E-04	-0.00195	-2.76E-04
-8.63645	-0.00153	-1.98E-04	-0.00182	-2.64E-04
-8.33344	-0.00143	-1.86E-04	-0.0017	-2.45E-04
-8.03045	-0.00133	-1.74E-04	-0.00159	-2.30E-04
-7.72744	-0.00124	-1.63E-04	-0.00149	-2.18E-04
-7.42381	-0.00114	-1.53E-04	-0.00139	-2.07E-04
-7.12075	-0.00106	-1.46E-04	-0.0013	-1.95E-04
-6.79244	-9.74E-05	-1.36E-04	-0.00122	-1.85E-04
-6.51338	-8.97E-05	-1.29E-04	-0.00114	-1.75E-04
-6.21174	-8.36E-05	-1.21E-04	-0.00107	-1.68E-04
-5.90873	-7.75E-05	-1.15E-04	-9.82E-05	-1.56E-04
-5.60568	-7.21E-05	-1.08E-04	-9.11E-05	-1.49E-04
-5.30246	-6.69E-05	-1.03E-04	-8.48E-05	-1.41E-04
-4.99981	-6.22E-05	-1.03E-04	-7.87E-05	-1.34E-04
-4.6968	-5.93E-05	-9.66E-05	-7.34E-05	-1.27E-04
-4.39373	-5.52E-05	-8.64E-05	-6.80E-05	-1.20E-04
-4.0907	-4.92E-05	-7.96E-05	-6.30E-05	-1.15E-04
-3.78791	-4.43E-05	-7.51E-05	-5.82E-05	-1.08E-04
-3.48478	-4.07E-05	-7.47E-05	-5.36E-05	-1.02E-04
-3.18176	-3.68E-05	-6.83E-05	-4.93E-05	-1.08E-04
-2.87863	-3.52E-05	-6.47E-05	-4.51E-05	-9.70E-05
-2.57572	-3.00E-05	-6.21E-05	-4.11E-05	-8.22E-05
-2.27235	-2.66E-05	-5.88E-05	-3.70E-05	-7.59E-05
-1.9697	-2.37E-05	-5.64E-05	-3.24E-05	-7.02E-05
-1.66664	-1.99E-05	-5.20E-05	-2.83E-05	-6.37E-05
-1.36364	-1.52E-05	-4.87E-05	-2.52E-05	-5.55E-05
-1.0606	-9.03E-06	-4.30E-05	-1.57E-05	-4.28E-05
-0.75759	2.00E-05	-3.47E-05	-4.96E-05	-2.47E-05
-0.45456	1.22E-04	-2.02E-05	6.59E-05	3.32E-05
-0.15152	2.46E-04	1.02E-05	1.77E-04	1.75E-04
0.15149	3.70E-04	1.41E-04	2.92E-04	3.11E-04
0.45451	4.94E-04	3.22E-04	4.07E-04	4.22E-04
0.75753	6.17E-04	5.03E-04	5.20E-04	5.50E-04
1.06055	7.39E-04	6.91E-04	6.31E-04	7.13E-04

1.36356	8.63E-04	8.88E-04	7.39E-04	8.83E-04
1.66654	9.82E-04	9.59E-04	8.41E-04	0.00105
1.96964	0.00102	0.0011	9.35E-04	0.00109
2.27217	0.00114	0.00123	0.00102	0.0012
2.57587	0.00126	0.00134	0.00105	0.00127
2.87883	0.00137	0.00144	0.00108	0.00134
3.18186	0.00149	0.00152	0.00118	0.0014
3.48485	0.00161	0.00159	0.00128	0.00145
3.78787	0.00174	0.00168	0.00139	0.00149
4.09082	0.00186	0.00171	0.00149	0.00152
4.39372	0.00198	0.00175	0.00159	0.00152
4.6968	0.0021	0.00179	0.0017	0.00152
4.9997	0.00221	0.00182	0.0018	0.0015
5.30269	0.00232	0.0019	0.00189	0.00148
5.60563	0.00243	0.00182	0.00199	0.00145
5.90864	0.00254	0.00179	0.00208	0.0014
6.21164	0.00264	0.00173	0.00217	0.00132
6.51467	0.00275	0.00165	0.00226	0.00121
6.81755	0.00286	0.00156	0.00234	0.00113
7.12049	0.00297	0.00144	0.0024	0.00105
7.42354	0.00308	0.00135	0.00245	7.89E-04
7.72711	0.00318	0.00121	0.0025	7.49E-04
8.03016	0.00329	0.0011	0.00254	7.13E-04
8.33308	0.00339	0.00103	0.00258	6.86E-04
8.63608	0.00349	8.16E-04	0.00259	6.57E-04
8.93907	0.00358	7.98E-04	0.00261	6.36E-04
9.24211	0.00365	7.68E-04	0.0026	6.13E-04
9.54503	0.00371	7.58E-04	0.00259	5.97E-04
9.84796	0.00376	7.38E-04	0.00257	5.80E-04
10.151	0.0038	7.33E-04	0.00253	5.65E-04
10.45395	0.00382	7.09E-04	0.00248	5.48E-04
10.75695	0.0038	8.00E-04	0.00241	5.37E-04
11.05989	0.00374	7.12E-04	0.00234	5.28E-04
11.3629	0.00366	6.87E-04	0.00225	5.14E-04
11.66594	0.00356	6.82E-04	0.00216	5.09E-04
11.96892	0.00344	6.82E-04	0.00209	4.87E-04
12.27187	0.0033	6.56E-04	0.00203	4.79E-04
12.57545	0.00317	6.62E-04	0.00194	4.76E-04
12.8785	0.00305	6.50E-04	0.00189	4.65E-04
13.18146	0.00296	6.40E-04	0.00181	4.53E-04
13.48443	0.00287	6.56E-04	0.0018	4.46E-04
13.7874	0.00278	6.42E-04	0.00171	4.53E-04
14.09039	0.0027	6.46E-04	0.00167	4.40E-04
14.39342	0.00262	6.48E-04	0.00163	4.33E-04
14.69647	0.00256	6.71E-04	0.00159	4.31E-04
14.99937	0.00249	6.35E-04	0.00159	4.31E-04

14.69642	0.00229	5.53E-04	0.00141	3.83E-04
14.39344	0.00212	5.09E-04	0.00126	3.43E-04
14.09042	0.00196	4.58E-04	0.00116	3.21E-04
13.78743	0.00183	4.16E-04	0.00106	3.01E-04
13.48448	0.00171	3.78E-04	9.17E-04	2.78E-04
13.18149	0.00159	3.55E-04	8.21E-04	2.55E-04
12.87855	0.0015	3.23E-04	7.65E-04	2.41E-04
12.57551	0.00139	3.11E-04	7.06E-04	2.31E-04
12.27194	0.00131	2.83E-04	6.54E-04	2.14E-04
11.969	0.00123	2.88E-04	6.32E-04	2.04E-04
11.66603	0.00115	2.58E-04	5.70E-04	1.95E-04
11.363	0.00109	2.46E-04	5.42E-04	1.84E-04
11.06001	0.00102	2.23E-04	5.01E-04	1.76E-04
10.73854	9.22E-04	2.07E-04	4.86E-04	1.68E-04
10.45136	8.66E-04	2.38E-04	4.41E-04	1.61E-04
10.15087	8.16E-04	1.86E-04	4.18E-04	1.54E-04
9.84781	7.65E-04	1.74E-04	3.96E-04	1.44E-04
9.5449	7.20E-04	2.15E-04	3.73E-04	1.34E-04
9.24199	6.78E-04	1.60E-04	3.56E-04	1.31E-04
8.93895	6.35E-04	1.51E-04	3.40E-04	1.24E-04
8.636	5.98E-04	1.45E-04	3.25E-04	1.20E-04
8.33302	5.64E-04	1.38E-04	3.07E-04	1.13E-04
8.03002	5.30E-04	1.29E-04	2.96E-04	1.08E-04
7.72705	4.96E-04	1.25E-04	2.80E-04	1.04E-04
7.42372	4.77E-04	1.20E-04	2.54E-04	1.01E-04
7.12045	4.38E-04	1.23E-04	2.43E-04	9.62E-05
6.81751	4.06E-04	1.07E-04	2.31E-04	9.02E-05
6.51467	3.81E-04	1.03E-04	2.24E-04	8.58E-05
6.21161	3.55E-04	1.02E-04	2.16E-04	8.23E-05
5.90863	3.32E-04	1.04E-04	2.09E-04	8.10E-05
5.60562	3.09E-04	9.70E-05	1.96E-04	7.84E-05
5.30268	2.87E-04	9.13E-05	1.93E-04	7.52E-05
4.9997	2.69E-04	8.56E-05	1.82E-04	6.94E-05
4.69679	2.45E-04	7.72E-05	1.81E-04	6.88E-05
4.39373	2.27E-04	7.38E-05	1.69E-04	6.31E-05
4.09083	2.10E-04	7.33E-05	1.65E-04	5.95E-05
3.78787	1.92E-04	7.20E-05	1.57E-04	5.83E-05
3.48485	1.77E-04	6.57E-05	1.50E-04	5.74E-05
3.18187	1.59E-04	6.74E-05	1.46E-04	8.39E-05
2.87884	1.45E-04	6.15E-05	1.40E-04	5.58E-05
2.57588	1.28E-04	5.84E-05	1.36E-04	5.14E-05
2.27218	1.08E-04	6.01E-05	1.31E-04	4.56E-05
1.96965	1.08E-04	5.51E-05	1.19E-04	4.23E-05
1.66653	9.56E-05	5.28E-05	1.19E-04	4.19E-05
1.36356	6.64E-05	5.31E-05	1.07E-04	4.03E-05
1.06055	3.71E-05	4.38E-05	1.00E-04	3.90E-05

0.75756	-1.38E-05	2.80E-05	9.69E-05	3.62E-05
0.45454	-1.24E-04	-7.62E-05	7.03E-05	2.38E-05
0.15151	-2.45E-04	-2.68E-04	1.61E-05	-1.13E-05
-0.15151	-3.71E-04	-4.59E-04	-7.95E-05	-1.12E-04
-0.45455	-4.99E-04	-6.28E-04	-1.81E-04	-2.85E-04
-0.75759	-6.26E-04	-7.38E-04	-2.85E-04	-4.59E-04
-1.0606	-7.52E-04	-8.14E-04	-3.90E-04	-6.43E-04
-1.36364	-8.75E-04	-9.15E-04	-4.95E-04	-8.27E-04
-1.66664	-9.89E-04	-0.00105	-6.00E-04	-0.001
-1.96969	-0.001	-0.00111	-7.04E-04	-0.00102
-2.27238	-0.0011	-0.00128	-8.09E-04	-0.00114
-2.57576	-0.00121	-0.00146	-9.14E-04	-0.00124
-2.87873	-0.00131	-0.00163	-0.00102	-0.00135
-3.18179	-0.00142	-0.00179	-0.00111	-0.00144
-3.48482	-0.00154	-0.00192	-0.00121	-0.00153
-3.78784	-0.00166	-0.00197	-0.00131	-0.00159
-4.09076	-0.00178	-0.00197	-0.00141	-0.00165
-4.39376	-0.0019	-0.00195	-0.00151	-0.0017
-4.69684	-0.00202	-0.00191	-0.00162	-0.00173
-4.99979	-0.00214	-0.00184	-0.00172	-0.00176
-5.30276	-0.00226	-0.00175	-0.00183	-0.00177
-5.60575	-0.00238	-0.00166	-0.00194	-0.00177
-5.90879	-0.0025	-0.00159	-0.00205	-0.00174
-6.21181	-0.00262	-0.00152	-0.00215	-0.0017
-6.51481	-0.00274	-0.00147	-0.00226	-0.00163
-6.81774	-0.00285	-0.00138	-0.00236	-0.00151
-7.12071	-0.00296	-0.00132	-0.00245	-0.00136
-7.42378	-0.00307	-0.00123	-0.00254	-0.00123
-7.72741	-0.00318	-0.00117	-0.00264	-0.00113
-8.03041	-0.00329	-0.0011	-0.00273	-0.00104
-8.33341	-0.0034	-0.00107	-0.0028	-8.06E-04
-8.63642	-0.0035	-0.00105	-0.00288	-7.92E-04
-8.93945	-0.00359	-8.18E-04	-0.00296	-7.70E-04
-9.24245	-0.00368	-8.31E-04	-0.00303	-7.44E-04
-9.5454	-0.00374	-8.23E-04	-0.00311	-7.19E-04
-9.84836	-0.00379	-8.26E-04	-0.00318	-7.11E-04
-10.1515	-0.00382	-8.21E-04	-0.00325	-7.02E-04
-10.4544	-0.00384	-7.91E-04	-0.0033	-6.67E-04
-10.7574	-0.00381	-7.91E-04	-0.00334	-6.57E-04
-11.0604	-0.00381	-8.01E-04	-0.00335	-6.36E-04
-11.3634	-0.00379	-8.26E-04	-0.00331	-6.25E-04
-11.6664	-0.0038	-7.54E-04	-0.00326	-6.15E-04
-11.9695	-0.00379	-7.51E-04	-0.0032	-6.23E-04
-12.2724	-0.0038	-7.35E-04	-0.00313	-6.05E-04
-12.576	-0.00379	-7.21E-04	-0.00306	-5.89E-04
-12.8791	-0.00377	-7.17E-04	-0.00301	-5.81E-04

-13.182	-0.00376	-6.88E-04	-0.00294	-5.75E-04
-13.4851	-0.00373	-6.86E-04	-0.0029	-5.80E-04
-13.788	-0.00368	-6.56E-04	-0.00285	-5.74E-04
-14.091	-0.00359	-6.57E-04	-0.00281	-5.65E-04
-14.394	-0.00351	-6.45E-04	-0.00278	-5.63E-04
-14.6971	-0.0034	-6.55E-04	-0.00274	-5.65E-04
-15	-0.00329	-6.25E-04	-0.0027	-5.74E-04