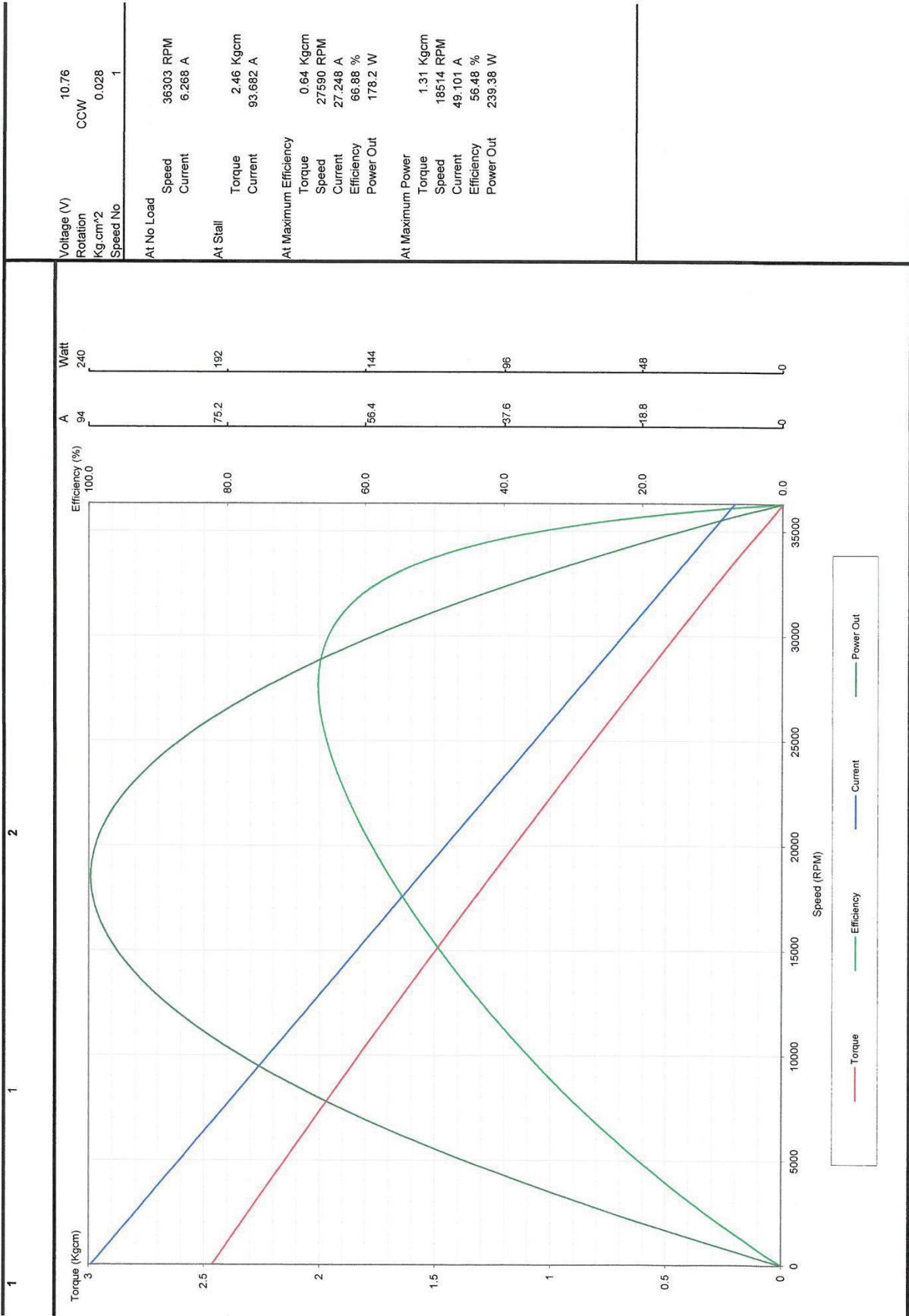


Taigene motor 12V CW

9999

Date 03/14/2016 17:38:42



Voltage (V) 10.76
Rotation CCW
Kg cm² 0.028
Speed No 1

At No Load
Speed 36303 RPM
Current 6.268 A

At Stall
Torque 2.46 Kgcm
Current 93.682 A

At Maximum Efficiency
Torque 0.64 Kgcm
Speed 27590 RPM
Current 27.248 A
Efficiency 66.88 %
Power Out 178.2 W

At Maximum Power
Torque 1.31 Kgcm
Speed 18514 RPM
Current 49.101 A
Efficiency 56.48 %
Power Out 239.38 W

Speed (RPM)	Torque (Kgcm)	Current (A)	P In (W)	P Out (W)	Efficiency (%)	Speed Volt (V)
0.000	2.465	93.682	530.274	0.000	0.000	5.660
72.606	2.460	93.507	530.529	1.835	0.346	5.674
145.211	2.456	93.333	530.777	3.663	0.690	5.687
217.817	2.451	93.158	531.020	5.484	1.033	5.700
290.422	2.447	92.983	531.257	7.298	1.374	5.713
363.028	2.442	92.808	531.487	9.106	1.713	5.727
435.634	2.438	92.633	531.713	10.907	2.051	5.740
508.239	2.433	92.458	531.932	12.701	2.388	5.753
580.845	2.429	92.284	532.145	14.488	2.723	5.766
653.451	2.424	92.109	532.353	16.269	3.056	5.780
726.056	2.420	91.934	532.555	18.043	3.388	5.793
798.662	2.415	91.759	532.751	19.810	3.718	5.806
871.268	2.410	91.584	532.941	21.570	4.047	5.819
943.873	2.406	91.409	533.125	23.324	4.375	5.832
1016.479	2.401	91.235	533.304	25.070	4.701	5.845
1089.084	2.397	91.060	533.477	26.810	5.026	5.859
1161.690	2.392	90.885	533.644	28.543	5.349	5.872
1234.296	2.388	90.710	533.805	30.270	5.671	5.885
1306.901	2.383	90.535	533.960	31.989	5.991	5.898
1379.507	2.379	90.361	534.110	33.702	6.310	5.911
1452.113	2.374	90.186	534.254	35.408	6.627	5.924
1524.718	2.370	90.011	534.393	37.107	6.944	5.937
1597.324	2.365	89.836	534.525	38.799	7.259	5.950
1669.929	2.360	89.661	534.652	40.484	7.572	5.963
1742.535	2.356	89.486	534.773	42.163	7.884	5.976
1815.141	2.351	89.312	534.889	43.835	8.195	5.989
1887.746	2.347	89.137	534.998	45.500	8.505	6.002
1960.352	2.342	88.962	535.102	47.158	8.813	6.015
2032.958	2.338	88.787	535.201	48.809	9.120	6.028
2105.563	2.333	88.612	535.293	50.453	9.425	6.041
2178.169	2.328	88.437	535.380	52.091	9.730	6.054
2250.774	2.324	88.263	535.462	53.722	10.033	6.067
2323.380	2.319	88.088	535.537	55.345	10.335	6.080
2395.986	2.315	87.913	535.607	56.962	10.635	6.092
2468.591	2.310	87.738	535.672	58.573	10.934	6.105
2541.197	2.306	87.563	535.730	60.176	11.232	6.118
2613.802	2.301	87.388	535.783	61.772	11.529	6.131
2686.408	2.296	87.214	535.831	63.362	11.825	6.144
2759.014	2.292	87.039	535.873	64.944	12.119	6.157
2831.619	2.287	86.864	535.909	66.520	12.413	6.170
2904.225	2.283	86.689	535.940	68.089	12.705	6.182
2976.831	2.278	86.514	535.965	69.651	12.995	6.195
3049.436	2.273	86.339	535.984	71.206	13.285	6.208
3122.042	2.269	86.165	535.998	72.754	13.574	6.221
3194.647	2.264	85.990	536.006	74.295	13.861	6.233
3267.253	2.260	85.815	536.009	75.830	14.147	6.246
3339.859	2.255	85.640	536.006	77.357	14.432	6.259
3412.464	2.251	85.465	535.997	78.878	14.716	6.272
3485.070	2.246	85.291	535.983	80.391	14.999	6.284
3557.676	2.241	85.116	535.964	81.898	15.281	6.297
3630.281	2.237	84.941	535.939	83.398	15.561	6.310
3702.887	2.232	84.766	535.908	84.891	15.841	6.322
3775.492	2.228	84.591	535.872	86.377	16.119	6.335
3848.098	2.223	84.416	535.830	87.856	16.396	6.347
3920.704	2.218	84.242	535.783	89.328	16.672	6.360
3993.309	2.214	84.067	535.731	90.793	16.948	6.373
4065.915	2.209	83.892	535.672	92.251	17.222	6.385
4138.521	2.204	83.717	535.609	93.702	17.495	6.398
4211.126	2.200	83.542	535.540	95.147	17.767	6.410
4283.732	2.195	83.367	535.465	96.584	18.037	6.423
4356.337	2.191	83.193	535.385	98.014	18.307	6.435
4428.943	2.186	83.018	535.299	99.438	18.576	6.448
4501.549	2.181	82.843	535.208	100.854	18.844	6.461
4574.154	2.177	82.668	535.112	102.264	19.111	6.473

4646.760	2.172	82.493	535.010	103.666	19.376	6.485
4719.366	2.167	82.318	534.903	105.062	19.641	6.498
4791.971	2.163	82.144	534.790	106.450	19.905	6.510
4864.577	2.158	81.969	534.672	107.832	20.168	6.523
4937.183	2.154	81.794	534.548	109.206	20.430	6.535
5009.788	2.149	81.619	534.419	110.574	20.691	6.548
5082.394	2.144	81.444	534.285	111.935	20.950	6.560
5155.000	2.140	81.269	534.145	113.288	21.209	6.573
5227.605	2.135	81.095	534.000	114.635	21.467	6.585
5300.210	2.130	80.920	533.849	115.974	21.724	6.597
5372.816	2.126	80.745	533.693	117.307	21.980	6.610
5445.422	2.121	80.570	533.532	118.632	22.235	6.622
5518.027	2.116	80.395	533.365	119.951	22.489	6.634
5590.633	2.112	80.221	533.193	121.263	22.743	6.647
5663.239	2.107	80.046	533.016	122.567	22.995	6.659
5735.844	2.103	79.871	532.833	123.865	23.246	6.671
5808.450	2.098	79.696	532.645	125.155	23.497	6.683
5881.056	2.093	79.521	532.452	126.438	23.746	6.696
5953.661	2.089	79.346	532.253	127.715	23.995	6.708
6026.267	2.084	79.172	532.049	128.984	24.243	6.720
6098.873	2.079	78.997	531.840	130.246	24.490	6.732
6171.478	2.075	78.822	531.625	131.502	24.736	6.745
6244.083	2.070	78.647	531.405	132.750	24.981	6.757
6316.689	2.065	78.472	531.180	133.991	25.225	6.769
6389.295	2.061	78.297	530.949	135.225	25.468	6.781
6461.900	2.056	78.123	530.714	136.452	25.711	6.793
6534.506	2.051	77.948	530.473	137.672	25.953	6.805
6607.112	2.047	77.773	530.226	138.885	26.193	6.818
6679.717	2.042	77.598	529.975	140.090	26.433	6.830
6752.323	2.037	77.423	529.718	141.289	26.672	6.842
6824.929	2.033	77.248	529.456	142.481	26.911	6.854
6897.534	2.028	77.074	529.189	143.665	27.148	6.866
6970.140	2.023	76.899	528.916	144.843	27.385	6.878
7042.746	2.019	76.724	528.639	146.013	27.621	6.890
7115.351	2.014	76.549	528.356	147.176	27.856	6.902
7187.957	2.009	76.374	528.068	148.332	28.090	6.914
7260.563	2.005	76.199	527.774	149.481	28.323	6.926
7333.168	2.000	76.025	527.476	150.623	28.555	6.938
7405.774	1.995	75.850	527.172	151.758	28.787	6.950
7478.379	1.990	75.675	526.863	152.886	29.018	6.962
7550.985	1.986	75.500	526.549	154.006	29.248	6.974
7623.591	1.981	75.325	526.230	155.120	29.478	6.986
7696.196	1.976	75.151	525.906	156.226	29.706	6.998
7768.802	1.972	74.976	525.576	157.325	29.934	7.010
7841.407	1.967	74.801	525.242	158.417	30.161	7.022
7914.013	1.962	74.626	524.902	159.502	30.387	7.034
7986.619	1.958	74.451	524.557	160.580	30.613	7.046
8059.224	1.953	74.276	524.207	161.651	30.837	7.058
8131.830	1.948	74.102	523.852	162.714	31.061	7.069
8204.436	1.943	73.927	523.492	163.771	31.284	7.081
8277.041	1.939	73.752	523.126	164.820	31.507	7.093
8349.646	1.934	73.577	522.756	165.862	31.728	7.105
8422.253	1.929	73.402	522.380	166.897	31.949	7.117
8494.858	1.925	73.227	522.000	167.924	32.169	7.128
8567.464	1.920	73.053	521.614	168.945	32.389	7.140
8640.069	1.915	72.878	521.224	169.958	32.608	7.152
8712.675	1.911	72.703	520.828	170.964	32.826	7.164
8785.280	1.906	72.528	520.427	171.963	33.043	7.176
8857.886	1.901	72.353	520.021	172.955	33.259	7.187
8930.492	1.896	72.178	519.610	173.940	33.475	7.199
9003.098	1.892	72.004	519.194	174.917	33.690	7.211
9075.703	1.887	71.829	518.773	175.887	33.904	7.222
9148.309	1.882	71.654	518.347	176.850	34.118	7.234
9220.914	1.877	71.479	517.916	177.806	34.331	7.246
9293.520	1.873	71.304	517.480	178.755	34.543	7.257

9366.126	1.868	71.129	517.039	179.696	34.755	7.269
9438.731	1.863	70.955	516.593	180.630	34.966	7.281
9511.337	1.859	70.780	516.142	181.557	35.176	7.292
9583.942	1.854	70.605	515.686	182.477	35.385	7.304
9656.548	1.849	70.430	515.225	183.390	35.594	7.315
9729.153	1.844	70.255	514.759	184.295	35.802	7.327
9801.760	1.840	70.080	514.288	185.193	36.010	7.339
9874.365	1.835	69.906	513.812	186.084	36.216	7.350
9946.971	1.830	69.731	513.331	186.967	36.422	7.362
10019.576	1.825	69.556	512.846	187.844	36.628	7.373
10092.182	1.821	69.381	512.355	188.713	36.832	7.385
10164.787	1.816	69.206	511.859	189.575	37.036	7.396
10237.393	1.811	69.032	511.359	190.429	37.240	7.408
10309.999	1.806	68.857	510.854	191.277	37.443	7.419
10382.604	1.802	68.682	510.343	192.117	37.645	7.431
10455.210	1.797	68.507	509.828	192.949	37.846	7.442
10527.815	1.792	68.332	509.308	193.775	38.047	7.453
10600.421	1.787	68.157	508.783	194.593	38.247	7.465
10673.026	1.783	67.983	508.253	195.404	38.446	7.476
10745.633	1.778	67.808	507.718	196.208	38.645	7.488
10818.238	1.773	67.633	507.179	197.004	38.843	7.499
10890.844	1.768	67.458	506.634	197.793	39.041	7.510
10963.449	1.763	67.283	506.085	198.575	39.238	7.522
11036.055	1.759	67.108	505.531	199.350	39.434	7.533
11108.660	1.754	66.934	504.972	200.117	39.629	7.544
11181.267	1.749	66.759	504.408	200.877	39.824	7.556
11253.872	1.744	66.584	503.840	201.630	40.019	7.567
11326.478	1.740	66.409	503.266	202.375	40.212	7.578
11399.083	1.735	66.234	502.688	203.113	40.405	7.590
11471.688	1.730	66.059	502.105	203.844	40.598	7.601
11544.294	1.725	65.885	501.517	204.567	40.790	7.612
11616.900	1.721	65.710	500.924	205.283	40.981	7.623
11689.506	1.716	65.535	500.327	205.992	41.171	7.635
11762.111	1.711	65.360	499.725	206.693	41.361	7.646
11834.717	1.706	65.185	499.118	207.387	41.551	7.657
11907.322	1.701	65.010	498.506	208.074	41.739	7.668
11979.928	1.697	64.836	497.890	208.753	41.928	7.679
12052.533	1.692	64.661	497.268	209.425	42.115	7.690
12125.140	1.687	64.486	496.642	210.090	42.302	7.702
12197.745	1.682	64.311	496.012	210.747	42.488	7.713
12270.351	1.677	64.136	495.376	211.397	42.674	7.724
12342.956	1.673	63.962	494.736	212.040	42.859	7.735
12415.562	1.668	63.787	494.091	212.675	43.044	7.746
12488.167	1.663	63.612	493.442	213.303	43.228	7.757
12560.773	1.658	63.437	492.788	213.923	43.411	7.768
12633.379	1.653	63.262	492.129	214.537	43.594	7.779
12705.984	1.649	63.087	491.465	215.142	43.776	7.790
12778.590	1.644	62.913	490.797	215.741	43.957	7.801
12851.195	1.639	62.738	490.124	216.332	44.138	7.812
12923.801	1.634	62.563	489.446	216.915	44.319	7.823
12996.407	1.629	62.388	488.764	217.491	44.498	7.834
13069.013	1.625	62.213	488.077	218.060	44.677	7.845
13141.618	1.620	62.038	487.385	218.622	44.856	7.856
13214.224	1.615	61.864	486.689	219.176	45.034	7.867
13286.829	1.610	61.689	485.988	219.722	45.211	7.878
13359.435	1.605	61.514	485.283	220.261	45.388	7.889
13432.041	1.600	61.339	484.573	220.793	45.565	7.900
13504.646	1.596	61.164	483.858	221.318	45.740	7.911
13577.252	1.591	60.989	483.139	221.834	45.915	7.922
13649.857	1.586	60.815	482.415	222.344	46.090	7.933
13722.463	1.581	60.640	481.686	222.846	46.264	7.943
13795.068	1.576	60.465	480.953	223.341	46.437	7.954
13867.674	1.571	60.290	480.215	223.828	46.610	7.965
13940.280	1.567	60.115	479.473	224.308	46.782	7.976
14012.886	1.562	59.940	478.726	224.780	46.954	7.987

14085.491	1.557	59.766	477.975	225.245	47.125	7.997
14158.097	1.552	59.591	477.219	225.702	47.295	8.008
14230.702	1.547	59.416	476.459	226.152	47.465	8.019
14303.308	1.542	59.241	475.694	226.594	47.635	8.030
14375.914	1.538	59.066	474.924	227.030	47.803	8.041
14448.520	1.533	58.892	474.150	227.457	47.972	8.051
14521.125	1.528	58.717	473.372	227.877	48.139	8.062
14593.730	1.523	58.542	472.589	228.290	48.306	8.073
14666.336	1.518	58.367	471.801	228.695	48.473	8.083
14738.941	1.513	58.192	471.009	229.093	48.639	8.094
14811.548	1.508	58.017	470.213	229.483	48.804	8.105
14884.153	1.504	57.843	469.412	229.865	48.969	8.115
14956.759	1.499	57.668	468.606	230.241	49.133	8.126
15029.364	1.494	57.493	467.796	230.608	49.297	8.137
15101.970	1.489	57.318	466.982	230.968	49.460	8.147
15174.575	1.484	57.143	466.163	231.321	49.622	8.158
15247.182	1.479	56.968	465.340	231.666	49.784	8.168
15319.787	1.474	56.794	464.512	232.004	49.946	8.179
15392.393	1.470	56.619	463.680	232.334	50.107	8.190
15464.998	1.465	56.444	462.843	232.657	50.267	8.200
15537.604	1.460	56.269	462.002	232.972	50.427	8.211
15610.209	1.455	56.094	461.157	233.279	50.586	8.221
15682.814	1.450	55.919	460.307	233.580	50.744	8.232
15755.421	1.445	55.745	459.453	233.872	50.902	8.242
15828.026	1.440	55.570	458.594	234.157	51.060	8.253
15900.632	1.435	55.395	457.731	234.434	51.217	8.263
15973.237	1.431	55.220	456.864	234.704	51.373	8.273
16045.843	1.426	55.045	455.992	234.967	51.529	8.284
16118.448	1.421	54.870	455.116	235.222	51.684	8.294
16191.055	1.416	54.696	454.235	235.469	51.839	8.305
16263.660	1.411	54.521	453.350	235.709	51.993	8.315
16336.266	1.406	54.346	452.461	235.941	52.146	8.326
16408.871	1.401	54.171	451.568	236.165	52.299	8.336
16481.477	1.396	53.996	450.670	236.382	52.451	8.346
16554.082	1.392	53.822	449.768	236.592	52.603	8.357
16626.688	1.387	53.647	448.861	236.794	52.754	8.367
16699.293	1.382	53.472	447.950	236.988	52.905	8.377
16771.898	1.377	53.297	447.035	237.174	53.055	8.388
16844.506	1.372	53.122	446.116	237.354	53.204	8.398
16917.111	1.367	52.947	445.192	237.525	53.353	8.408
16989.717	1.362	52.773	444.264	237.689	53.502	8.418
17062.322	1.357	52.598	443.332	237.845	53.649	8.429
17134.928	1.352	52.423	442.395	237.994	53.797	8.439
17207.533	1.347	52.248	441.455	238.135	53.943	8.449
17280.139	1.343	52.073	440.510	238.269	54.089	8.459
17352.744	1.338	51.898	439.560	238.395	54.235	8.470
17425.350	1.333	51.724	438.607	238.513	54.380	8.480
17497.955	1.328	51.549	437.649	238.623	54.524	8.490
17570.561	1.323	51.374	436.687	238.726	54.668	8.500
17643.166	1.318	51.199	435.721	238.822	54.811	8.510
17715.771	1.313	51.024	434.750	238.910	54.953	8.520
17788.379	1.308	50.849	433.776	238.990	55.095	8.531
17860.984	1.303	50.675	432.797	239.062	55.237	8.541
17933.590	1.298	50.500	431.814	239.127	55.377	8.551
18006.195	1.293	50.325	430.827	239.184	55.518	8.561
18078.801	1.288	50.150	429.835	239.234	55.657	8.571
18151.406	1.283	49.975	428.840	239.276	55.796	8.581
18224.012	1.279	49.800	427.840	239.310	55.934	8.591
18296.617	1.274	49.626	426.836	239.337	56.072	8.601
18369.223	1.269	49.451	425.828	239.355	56.209	8.611
18441.828	1.264	49.276	424.816	239.367	56.346	8.621
18514.434	1.259	49.101	423.800	239.370	56.482	8.631
18587.039	1.254	48.926	422.779	239.366	56.617	8.641
18659.646	1.249	48.752	421.755	239.354	56.752	8.651
18732.252	1.244	48.577	420.726	239.335	56.886	8.661

18804.857	1.239	48.402	419.693	239.308	57.020	8.671
18877.463	1.234	48.227	418.656	239.273	57.153	8.681
18950.068	1.229	48.052	417.615	239.231	57.285	8.691
19022.674	1.224	47.877	416.570	239.180	57.417	8.701
19095.279	1.219	47.703	415.521	239.122	57.548	8.711
19167.885	1.214	47.528	414.468	239.057	57.678	8.721
19240.490	1.209	47.353	413.410	238.983	57.808	8.730
19313.096	1.204	47.178	412.349	238.902	57.937	8.740
19385.701	1.199	47.003	411.283	238.814	58.065	8.750
19458.307	1.194	46.828	410.214	238.717	58.193	8.760
19530.912	1.190	46.654	409.140	238.613	58.321	8.770
19603.520	1.185	46.479	408.063	238.501	58.447	8.780
19676.125	1.180	46.304	406.981	238.381	58.573	8.789
19748.730	1.175	46.129	405.895	238.254	58.698	8.799
19821.336	1.170	45.954	404.806	238.119	58.823	8.809
19893.941	1.165	45.779	403.712	237.976	58.947	8.819
19966.547	1.160	45.605	402.614	237.825	59.070	8.828
20039.152	1.155	45.430	401.513	237.667	59.193	8.838
20111.758	1.150	45.255	400.407	237.501	59.315	8.848
20184.363	1.145	45.080	399.297	237.327	59.436	8.858
20256.969	1.140	44.905	398.184	237.145	59.557	8.867
20329.574	1.135	44.730	397.066	236.956	59.677	8.877
20402.180	1.130	44.556	395.945	236.759	59.796	8.887
20474.785	1.125	44.381	394.819	236.554	59.914	8.896
20547.393	1.120	44.206	393.690	236.341	60.032	8.906
20619.998	1.115	44.031	392.556	236.121	60.149	8.915
20692.604	1.110	43.856	391.419	235.892	60.266	8.925
20765.209	1.105	43.682	390.278	235.656	60.382	8.935
20837.814	1.100	43.507	389.133	235.413	60.497	8.944
20910.420	1.095	43.332	387.984	235.161	60.611	8.954
20983.025	1.090	43.157	386.831	234.902	60.725	8.963
21055.631	1.085	42.982	385.674	234.634	60.838	8.973
21128.236	1.080	42.807	384.513	234.359	60.950	8.982
21200.842	1.075	42.633	383.348	234.076	61.061	8.992
21273.447	1.070	42.458	382.180	233.786	61.172	9.001
21346.053	1.065	42.283	381.007	233.487	61.282	9.011
21418.660	1.060	42.108	379.831	233.181	61.391	9.020
21491.266	1.055	41.933	378.651	232.867	61.499	9.030
21563.871	1.050	41.758	377.467	232.545	61.607	9.039
21636.477	1.045	41.584	376.279	232.215	61.714	9.049
21709.082	1.040	41.409	375.087	231.878	61.820	9.058
21781.688	1.035	41.234	373.892	231.532	61.925	9.068
21854.293	1.030	41.059	372.692	231.179	62.029	9.077
21926.898	1.025	40.884	371.489	230.818	62.133	9.086
21999.504	1.020	40.709	370.282	230.449	62.236	9.096
22072.109	1.015	40.535	369.071	230.072	62.338	9.105
22144.715	1.010	40.360	367.857	229.688	62.439	9.114
22217.320	1.005	40.185	366.638	229.295	62.540	9.124
22289.926	1.000	40.010	365.416	228.895	62.639	9.133
22362.533	0.995	39.835	364.190	228.486	62.738	9.142
22435.139	0.990	39.660	362.961	228.070	62.836	9.152
22507.744	0.985	39.486	361.727	227.646	62.933	9.161
22580.350	0.980	39.311	360.490	227.214	63.029	9.170
22652.955	0.975	39.136	359.249	226.775	63.125	9.180
22725.561	0.970	38.961	358.004	226.327	63.219	9.189
22798.166	0.965	38.786	356.756	225.872	63.313	9.198
22870.771	0.960	38.612	355.504	225.408	63.405	9.207
22943.377	0.955	38.437	354.248	224.937	63.497	9.216
23015.982	0.950	38.262	352.988	224.458	63.588	9.226
23088.588	0.944	38.087	351.725	223.971	63.678	9.235
23161.193	0.939	37.912	350.458	223.476	63.767	9.244
23233.801	0.934	37.737	349.187	222.973	63.855	9.253
23306.406	0.929	37.563	347.913	222.462	63.942	9.262
23379.012	0.924	37.388	346.634	221.943	64.028	9.271
23451.617	0.919	37.213	345.353	221.417	64.113	9.280

23524.223	0.914	37.038	344.067	220.882	64.197	9.290
23596.828	0.909	36.863	342.778	220.340	64.281	9.299
23669.434	0.904	36.688	341.485	219.789	64.363	9.308
23742.039	0.899	36.514	340.189	219.231	64.444	9.317
23814.645	0.894	36.339	338.889	218.664	64.524	9.326
23887.250	0.889	36.164	337.585	218.090	64.603	9.335
23959.855	0.884	35.989	336.278	217.508	64.681	9.344
24032.461	0.879	35.814	334.967	216.918	64.758	9.353
24105.066	0.874	35.639	333.652	216.320	64.834	9.362
24177.674	0.869	35.465	332.334	215.714	64.909	9.371
24250.279	0.864	35.290	331.012	215.100	64.982	9.380
24322.885	0.859	35.115	329.687	214.478	65.055	9.389
24395.490	0.853	34.940	328.358	213.848	65.126	9.398
24468.096	0.848	34.765	327.026	213.210	65.197	9.407
24540.701	0.843	34.590	325.690	212.564	65.266	9.416
24613.307	0.838	34.416	324.350	211.910	65.334	9.424
24685.912	0.833	34.241	323.007	211.248	65.401	9.433
24758.518	0.828	34.066	321.660	210.578	65.466	9.442
24831.123	0.823	33.891	320.310	209.901	65.531	9.451
24903.729	0.818	33.716	318.956	209.215	65.594	9.460
24976.334	0.813	33.542	317.598	208.521	65.656	9.469
25048.941	0.808	33.367	316.238	207.819	65.716	9.478
25121.547	0.803	33.192	314.873	207.109	65.775	9.486
25194.152	0.798	33.017	313.505	206.391	65.834	9.495
25266.758	0.793	32.842	312.134	205.666	65.890	9.504
25339.363	0.787	32.667	310.759	204.932	65.946	9.513
25411.969	0.782	32.493	309.380	204.190	66.000	9.522
25484.574	0.777	32.318	307.998	203.440	66.052	9.530
25557.180	0.772	32.143	306.613	202.682	66.104	9.539
25629.785	0.767	31.968	305.224	201.916	66.153	9.548
25702.391	0.762	31.793	303.832	201.142	66.202	9.556
25774.996	0.757	31.618	302.436	200.360	66.249	9.565
25847.602	0.752	31.444	301.037	199.570	66.294	9.574
25920.207	0.747	31.269	299.634	198.772	66.338	9.583
25992.814	0.742	31.094	298.228	197.966	66.381	9.591
26065.420	0.736	30.919	296.819	197.152	66.422	9.600
26138.025	0.731	30.744	295.406	196.329	66.461	9.608
26210.631	0.726	30.569	293.989	195.499	66.499	9.617
26283.236	0.721	30.395	292.569	194.661	66.535	9.626
26355.842	0.716	30.220	291.146	193.814	66.569	9.634
26428.447	0.711	30.045	289.720	192.960	66.602	9.643
26501.053	0.706	29.870	288.290	192.097	66.633	9.651
26573.658	0.701	29.695	286.856	191.226	66.663	9.660
26646.264	0.696	29.520	285.420	190.348	66.690	9.669
26718.869	0.690	29.346	283.980	189.461	66.716	9.677
26791.475	0.685	29.171	282.536	188.566	66.740	9.686
26864.082	0.680	28.996	281.089	187.663	66.763	9.694
26936.688	0.675	28.821	279.639	186.752	66.783	9.703
27009.293	0.670	28.646	278.186	185.833	66.802	9.711
27081.898	0.665	28.472	276.729	184.905	66.818	9.719
27154.504	0.660	28.297	275.269	183.970	66.833	9.728
27227.109	0.654	28.122	273.805	183.026	66.845	9.736
27299.715	0.649	27.947	272.338	182.075	66.856	9.745
27372.320	0.644	27.772	270.868	181.115	66.865	9.753
27444.926	0.639	27.597	269.395	180.147	66.871	9.762
27517.531	0.634	27.423	267.918	179.171	66.875	9.770
27590.137	0.629	27.248	266.438	178.187	66.877	9.778
27662.742	0.624	27.073	264.955	177.195	66.877	9.787
27735.348	0.619	26.898	263.468	176.194	66.875	9.795
27807.955	0.613	26.723	261.979	175.186	66.870	9.803
27880.561	0.608	26.548	260.486	174.169	66.863	9.812
27953.166	0.603	26.374	258.989	173.144	66.854	9.820
28025.771	0.598	26.199	257.490	172.111	66.842	9.828
28098.377	0.593	26.024	255.987	171.070	66.828	9.837
28170.982	0.588	25.849	254.481	170.021	66.811	9.845

28243.588	0.582	25.674	252.972	168.963	66.791	9.853
28316.193	0.577	25.499	251.459	167.898	66.769	9.861
28388.799	0.572	25.325	249.943	166.824	66.745	9.870
28461.404	0.567	25.150	248.425	165.742	66.717	9.878
28534.010	0.562	24.975	246.903	164.652	66.687	9.886
28606.615	0.557	24.800	245.377	163.553	66.654	9.894
28679.223	0.551	24.625	243.849	162.447	66.618	9.902
28751.828	0.546	24.450	242.317	161.332	66.579	9.911
28824.434	0.541	24.276	240.782	160.209	66.537	9.919
28897.039	0.536	24.101	239.244	159.078	66.492	9.927
28969.645	0.531	23.926	237.703	157.939	66.444	9.935
29042.250	0.526	23.751	236.159	156.792	66.392	9.943
29114.855	0.520	23.576	234.612	155.636	66.338	9.951
29187.461	0.515	23.402	233.061	154.472	66.280	9.959
29260.066	0.510	23.227	231.507	153.300	66.218	9.967
29332.672	0.505	23.052	229.951	152.120	66.153	9.975
29405.277	0.500	22.877	228.391	150.931	66.085	9.983
29477.883	0.495	22.702	226.828	149.734	66.012	9.991
29550.488	0.489	22.527	225.262	148.529	65.936	9.999
29623.096	0.484	22.353	223.692	147.316	65.857	10.007
29695.701	0.479	22.178	222.120	146.095	65.773	10.015
29768.307	0.474	22.003	220.545	144.865	65.685	10.023
29840.912	0.469	21.828	218.966	143.627	65.593	10.031
29913.518	0.463	21.653	217.385	142.381	65.497	10.039
29986.123	0.458	21.478	215.800	141.127	65.397	10.047
30058.729	0.453	21.304	214.212	139.864	65.292	10.055
30131.334	0.448	21.129	212.622	138.593	65.183	10.063
30203.939	0.443	20.954	211.028	137.314	65.069	10.071
30276.545	0.437	20.779	209.431	136.026	64.950	10.079
30349.150	0.432	20.604	207.831	134.731	64.827	10.087
30421.756	0.427	20.429	206.229	133.427	64.698	10.095
30494.363	0.422	20.255	204.623	132.114	64.565	10.103
30566.969	0.417	20.080	203.014	130.794	64.426	10.110
30639.574	0.411	19.905	201.402	129.465	64.282	10.118
30712.180	0.406	19.730	199.787	128.128	64.132	10.126
30784.785	0.401	19.555	198.170	126.782	63.977	10.134
30857.391	0.396	19.380	196.549	125.429	63.816	10.142
30929.996	0.391	19.206	194.925	124.067	63.648	10.149
31002.602	0.385	19.031	193.298	122.697	63.475	10.157
31075.207	0.380	18.856	191.669	121.318	63.296	10.165
31147.813	0.375	18.681	190.036	119.931	63.110	10.173
31220.418	0.370	18.506	188.400	118.536	62.917	10.180
31293.023	0.364	18.332	186.762	117.132	62.717	10.188
31365.629	0.359	18.157	185.120	115.720	62.511	10.196
31438.236	0.354	17.982	183.476	114.300	62.297	10.203
31510.842	0.349	17.807	181.829	112.872	62.076	10.211
31583.447	0.344	17.632	180.179	111.435	61.847	10.219
31656.053	0.338	17.457	178.525	109.990	61.610	10.226
31728.658	0.333	17.283	176.869	108.536	61.365	10.234
31801.264	0.328	17.108	175.211	107.074	61.112	10.242
31873.869	0.323	16.933	173.549	105.604	60.850	10.249
31946.475	0.317	16.758	171.884	104.126	60.579	10.257
32019.080	0.312	16.583	170.217	102.639	60.299	10.264
32091.686	0.307	16.408	168.546	101.144	60.009	10.272
32164.291	0.302	16.234	166.873	99.640	59.710	10.280
32236.896	0.296	16.059	165.197	98.128	59.401	10.287
32309.504	0.291	15.884	163.518	96.608	59.081	10.295
32382.109	0.286	15.709	161.836	95.079	58.750	10.302
32454.715	0.281	15.534	160.152	93.542	58.408	10.310
32527.320	0.275	15.359	158.464	91.997	58.055	10.317
32599.926	0.270	15.185	156.774	90.443	57.690	10.325
32672.531	0.265	15.010	155.081	88.881	57.312	10.332
32745.137	0.260	14.835	153.385	87.310	56.922	10.339
32817.742	0.254	14.660	151.686	85.731	56.519	10.347
32890.348	0.249	14.485	149.985	84.144	56.101	10.354

32962.953	0.244	14.310	148.281	82.548	55.670	10.362
33035.559	0.239	14.136	146.574	80.944	55.224	10.369
33108.164	0.233	13.961	144.864	79.331	54.762	10.376
33180.770	0.228	13.786	143.152	77.710	54.285	10.384
33253.375	0.223	13.611	141.436	76.081	53.792	10.391
33325.980	0.217	13.436	139.718	74.443	53.281	10.399
33398.586	0.212	13.261	137.998	72.797	52.752	10.406
33471.191	0.207	13.087	136.274	71.142	52.205	10.413
33543.797	0.202	12.912	134.548	69.479	51.639	10.421
33616.402	0.196	12.737	132.819	67.807	51.053	10.428
33689.012	0.191	12.562	131.087	66.127	50.445	10.435
33761.617	0.186	12.387	129.353	64.439	49.816	10.442
33834.223	0.181	12.213	127.616	62.742	49.165	10.450
33906.828	0.175	12.038	125.876	61.037	48.490	10.457
33979.434	0.170	11.863	124.134	59.323	47.790	10.464
34052.039	0.165	11.688	122.389	57.601	47.064	10.471
34124.645	0.159	11.513	120.641	55.870	46.311	10.478
34197.250	0.154	11.338	118.890	54.131	45.530	10.486
34269.855	0.149	11.164	117.137	52.384	44.720	10.493
34342.461	0.144	10.989	115.382	50.628	43.878	10.500
34415.066	0.138	10.814	113.623	48.863	43.004	10.507
34487.672	0.133	10.639	111.862	47.090	42.097	10.514
34560.277	0.128	10.464	110.099	45.309	41.153	10.521
34632.883	0.122	10.289	108.332	43.519	40.171	10.528
34705.488	0.117	10.115	106.563	41.720	39.151	10.536
34778.094	0.112	9.940	104.792	39.913	38.088	10.543
34850.699	0.106	9.765	103.018	38.098	36.982	10.550
34923.305	0.101	9.590	101.241	36.274	35.829	10.557
34995.910	0.096	9.415	99.462	34.442	34.628	10.564
35068.516	0.091	9.240	97.680	32.601	33.375	10.571
35141.121	0.085	9.066	95.895	30.751	32.067	10.578
35213.727	0.080	8.891	94.108	28.893	30.702	10.585
35286.332	0.075	8.716	92.319	27.027	29.275	10.592
35358.938	0.069	8.541	90.527	25.152	27.784	10.599
35431.543	0.064	8.366	88.732	23.268	26.223	10.606
35504.152	0.059	8.191	86.935	21.376	24.589	10.613
35576.758	0.053	8.017	85.135	19.476	22.876	10.620
35649.363	0.048	7.842	83.333	17.567	21.080	10.627
35721.969	0.043	7.667	81.528	15.649	19.195	10.634
35794.574	0.037	7.492	79.720	13.723	17.214	10.640
35867.180	0.032	7.317	77.910	11.788	15.130	10.647
35939.785	0.027	7.143	76.098	9.845	12.937	10.654
36012.391	0.021	6.968	74.283	7.893	10.625	10.661
36084.996	0.016	6.793	72.466	5.933	8.187	10.668
36157.602	0.011	6.618	70.646	3.964	5.610	10.675
36230.207	0.005	6.443	68.824	1.986	2.886	10.682
36302.813	0.000	6.268	66.999	0.000	0.000	10.688