

BENDA UJI 1

Time	Displacement	Force	Tegangan	Regangan
0	0	0	0	0
0.01	0.002428	400	0.0945325	0
0.02	0.149198	800	0.1936725	0
0.035	0.395086	1400	0.338942	0
0.0575	0.654416	2300	0.5567795	0
0.09125	1.05551	3650	0.8834565	0
0.141875	1.95639	5675	1.37322	0
0.154531	2.2252	6181.26	1.49558	0
0.167187	2.53345	6687.5	1.6179	0
0.186172	3.07321	7446.88	1.80118	0
0.193291	3.2876	7731.64	1.86985	0
0.20397	3.63807	8158.78	1.972795	0
0.207974	3.77395	8318.96	2.01139	0
0.209476	3.82555	8379.04	2.025855	0
0.211728	3.90441	8469.14	2.04755	0
0.215107	4.02581	8604.3	2.08009	0
0.220176	4.21458	8807.02	2.12887	0
0.222076	4.28633	8883.04	2.147165	0
0.222789	4.31337	8911.56	2.15402	0
0.223858	4.35423	8954.32	2.16431	0
0.225461	4.4161	9018.46	2.17974	0
0.227867	4.51017	9114.68	2.202885	0
0.231475	4.6543	9259	2.2376	0
0.236887	4.87775	9475.5	2.28949	0
0.245006	5.2313	9800.22	2.365585	0

0.24805	5.36657	9922	2.393895	0
0.252616	5.57575	10104.66	2.43595	0
0.259466	5.90324	10378.66	2.498295	0
0.262035	6.02797	10481.4	2.521575	0
0.262998	6.07502	10519.92	2.530295	0
0.264443	6.1462	10577.72	2.543345	0
0.265888	6.21792	10635.52	2.556365	0
0.267333	6.29019	10693.32	2.56936	0
0.268778	6.363	10751.12	2.582335	0
0.270223	6.43633	10808.9	2.595285	0
0.27239	6.54742	10895.6	2.614665	0
0.275641	6.71669	11025.64	2.64365	0
0.280517	6.97615	11220.7	2.686975	0
0.282346	7.07414	11293.84	2.7032	0
0.285089	7.22253	11403.56	2.7275	0
0.289204	7.4482	11568.14	2.763785	0
0.290747	7.53324	11629.86	2.777295	0
0.293061	7.66159	11722.44	2.797365	0
0.293929	7.70982	11757.16	2.80487	0
0.295231	7.78238	11809.24	2.816065	0
0.297184	7.89155	11887.34	2.832735	0
0.300113	8.05605	12004.52	2.85751	0
0.301211	8.11785	12048.46	2.866765	0
0.302859	8.21077	12114.36	2.880585	0
0.30533	8.35069	12213.22	2.90117	0
0.309038	8.56187	12361.5	2.931775	0

0.310428	8.64125	12417.12	2.943215	0
0.312513	8.76077	12500.52	2.96017	0
0.315641	8.94089	12625.64	2.985105	0
0.316814	9.00855	12672.56	2.99438	0
0.318574	9.11029	12742.94	3.00815	0
0.321213	9.26341	12848.52	3.02847	0
0.325172	9.49439	13006.88	3.058255	0
0.326656	9.58118	13066.26	3.069325	0
0.328883	9.71173	13155.34	3.085725	0
0.332224	9.90809	13288.94	3.109865	0
0.337234	10.2031	13489.36	3.1449	0
0.339113	10.3138	13564.52	3.15789	0
0.341931	10.4802	13677.26	3.177055	0
0.342988	10.5426	13719.54	3.1842	0
0.344574	10.6364	13782.94	3.19482	0
0.346952	10.7774	13878.06	3.21054	0
0.347843	10.8303	13913.74	3.21641	0
0.349181	10.9097	13967.24	3.22514	0
0.351187	11.029	14047.5	3.2381	0
0.354197	11.2082	14167.88	3.257205	0
0.358712	11.478	14348.46	3.285125	0
0.360405	11.5793	14416.18	3.29549	0
0.362944	11.7315	14517.76	3.31081	0
0.366753	11.9602	14670.12	3.333285	0
0.368181	12.0461	14727.26	3.341645	0
0.36961	12.132	14784.4	3.349925	1.4982E-08

0.371038	12.2179	14841.54	3.35811	1.01183E-07
0.373181	12.3468	14927.24	3.369985	3.87843E-07
0.376395	12.5402	15055.8	3.386855	1.16267E-06
0.381216	12.8309	15248.62	3.410055	3.07009E-06
0.383024	12.94	15320.94	3.41846	3.88849E-06
0.385735	13.1042	15429.42	3.430415	5.34264E-06
0.386752	13.1659	15470.08	3.434805	5.91945E-06
0.388278	13.2587	15531.1	3.441195	6.85457E-06
0.390566	13.3982	15622.62	3.450335	8.41041E-06
0.393998	13.6081	15759.9	3.46308	0.000011076
0.399146	13.9246	15965.84	3.480115	1.57781E-05
0.401076	14.0436	16043.06	3.48627	1.76373E-05
0.403972	14.2225	16158.88	3.495105	2.06327E-05
0.408316	14.4933	16332.64	3.50785	2.55505E-05
0.414831	14.9043	16593.26	3.526205	3.37521E-05
0.417275	15.0591	16691	3.532965	3.69363E-05
0.42094	15.2926	16837.6	3.542835	4.19401E-05
0.426437	15.651	17057.5	3.556985	4.99041E-05
0.428499	15.7866	17139.96	3.562185	0.000052952
0.431591	15.9919	17263.64	3.56976	5.76568E-05
0.43623	16.3055	17449.18	3.58058	6.49929E-05
0.437969	16.4239	17518.76	3.584545	6.77819E-05
0.440578	16.603	17623.14	3.59047	7.20493E-05
0.444492	16.875	17779.68	3.599395	0.000078629
0.450363	17.2923	18014.5	3.612435	8.88778E-05
0.452564	17.4507	18102.56	3.617245	9.27724E-05

0.455866	17.6916	18234.66	3.624295	9.87299E-05
0.457105	17.7824	18284.2	3.626915	0.00010098
0.458962	17.9196	18358.5	3.63081	0.00010439
0.459659	17.9712	18386.36	3.63227	0.000105673
0.460704	18.0491	18428.14	3.63447	0.000107609
0.462271	18.167	18490.84	3.637815	0.000110536
0.464622	18.3463	18584.88	3.64308	0.000114974
0.465503	18.4138	18620.14	3.645105	0.000116644
0.466826	18.5157	18673.04	3.64826	0.000119161
0.468809	18.6704	18752.38	3.65329	0.000122961
0.471785	18.9062	18871.4	3.66147	0.000128701
0.476248	19.268	19049.92	3.675085	0.000137357
0.482942	19.8312	19317.7	3.697945	0.000150332
0.485453	20.0463	19418.12	3.70682	0.000155188
0.489219	20.3779	19568.74	3.72075	0.000162442
0.490631	20.5034	19625.22	3.726055	0.000165156
0.492749	20.694	19709.96	3.734185	0.000169213
0.493543	20.7659	19741.72	3.73726	0.000170732
0.494735	20.8746	19789.38	3.741915	0.000173006
0.496522	21.0393	19860.88	3.749095	0.000176406
0.499203	21.29	19968.12	3.760275	0.000181565
0.503224	21.6746	20129	3.77788	0.00018945
0.509256	22.2731	20370.2	3.805825	0.000201591
0.518304	23.2278	20732.2	3.85008	0.000220453
0.521697	23.5942	20867.8	3.86691	0.000227607
0.526786	24.1615	21071.4	3.892635	0.000238535

0.53442	25.0522	21376.8	3.931945	0.00025535
0.537283	25.3924	21491.4	3.94674	0.000261707
0.541577	25.9176	21663	3.9691	0.000271372
0.543188	26.1167	21727.6	3.9775	0.000275013
0.545603	26.4195	21824.2	3.990155	0.000280513
0.546509	26.5337	21860.4	3.994905	0.000282581
0.547868	26.7063	21914.8	4.00205	0.000285696
0.549906	26.9684	21996.2	4.01281	0.000290403
0.552963	27.3685	22118.6	4.02901	0.000297543
0.557549	27.9842	22302	4.05343	0.000308426
0.559268	28.2175	22370.8	4.062585	0.000312527
0.561848	28.5721	22474	4.07633	0.000318735
0.565717	29.1148	22628.6	4.096975	0.000328165
0.567168	29.3202	22686.8	4.1047	0.000331716
0.567712	29.3974	22708.4	4.107595	0.000333049
0.568528	29.5136	22741.2	4.11194	0.000335053
0.569752	29.6891	22790	4.118455	0.00033807
0.571588	29.9549	22863.6	4.128205	0.000342619
0.574343	30.3593	22973.8	4.14275	0.000349497
0.578475	30.9787	23139	4.16447	0.000359936
0.584672	31.9379	23386.8	4.196815	0.000375864
0.586996	32.3015	23479.8	4.208875	0.000381867
0.590483	32.855	23619.4	4.2269	0.000390957
0.595712	33.706	23828.4	4.253715	0.000404781
0.597673	34.0288	23907	4.26372	0.000409985
0.598408	34.1501	23936.4	4.26746	0.00041194

0.599511	34.3329	23980.4	4.27307	0.000414881
0.601166	34.6091	24046.6	4.28146	0.00041931
0.603648	35.0278	24146	4.294	0.000425997
0.60737	35.6658	24294.8	4.31271	0.000436122
0.612955	36.6468	24518.2	4.34054	0.000451521
0.621331	38.1753	24853.2	4.381735	0.000475109
0.624472	38.7565	24978.8	4.397035	0.000484006
0.62565	38.9756	25026	4.40275	0.00048735
0.627417	39.3068	25096.6	4.411295	0.000492386
0.630067	39.8091	25202.6	4.424055	0.00049999
0.634042	40.5753	25361.6	4.443075	0.000511504
0.635533	40.8644	25421.4	4.45017	0.000515833
0.637769	41.3021	25510.8	4.46078	0.000522367
0.641124	41.9676	25645	4.47659	0.000532256
0.646155	42.9855	25846.2	4.50005	0.000547283
0.653702	44.557	26148	4.53461	0.000570247
0.656532	45.1529	26261.2	4.54742	0.000578898
0.660778	46.0619	26431.2	4.56642	0.000592003
0.66237	46.405	26494.8	4.57349	0.00059693
0.664758	46.9242	26590.4	4.58402	0.00060436
0.66834	47.7135	26733.6	4.599625	0.000615594
0.673712	48.9207	26948.6	4.62261	0.000632644
0.681772	50.7839	27270.8	4.656315	0.000658655
0.684794	51.4901	27391.8	4.668785	0.000668444
0.689327	52.566	27573	4.68732	0.00068326
0.696128	54.2174	27845.2	4.71483	0.000705773

0.698678	54.8419	27947.2	4.7251	0.000714236
0.702503	55.7909	28100.2	4.740515	0.000727015
0.703937	56.1486	28157.4	4.746275	0.000731813
0.706089	56.6891	28243.6	4.754915	0.000739035
0.709316	57.5091	28372.6	4.767785	0.000749927
0.714157	58.759	28566.2	4.78682	0.000766391
0.721419	60.6791	28856.8	4.814745	0.000791368
0.732311	63.6618	29292.4	4.85551	0.000829431
0.736396	64.795	29455.8	4.870505	0.000843721
0.742523	66.528	29701	4.8928	0.000865348
0.751713	69.204	30068.6	4.925725	0.000898238
0.75516	70.2187	30206.4	4.937865	0.00091058
0.760329	71.7655	30413.2	4.95587	0.000929223
0.768084	74.1426	30723.4	4.982425	0.000957454
0.770992	75.0423	30839.6	4.99222	0.000968036
0.772082	75.3808	30883.2	4.995865	0.000972003
0.773718	75.8912	30948.8	5.001315	0.000977965
0.776172	76.6626	31046.8	5.009415	0.00098693
0.779852	77.8329	31194	5.021405	0.001000426
0.785372	79.6189	31414.8	5.03898	0.001020775
0.787443	80.2931	31497.8	5.04546	0.00102839
0.788219	80.5465	31528.8	5.047875	0.00103125
0.789383	80.9279	31575.4	5.051475	0.00103554
0.79113	81.5031	31645.2	5.05685	0.00104198
0.79375	82.3724	31750	5.064825	0.00105166
0.79768	83.6912	31907.2	5.07663	0.00106623

0.803576	85.7042	32143	5.093945	0.001088155
0.805786	86.4641	32231.4	5.10032	0.00109636
0.809102	87.6151	32364	5.10976	0.001108685
0.814076	89.3665	32563	5.12364	0.00112722
0.821537	92.0514	32861.4	5.14384	0.00115509
0.832729	96.2071	33309.2	5.17312	0.00119705
0.849517	102.725	33980.6	5.21478	0.001260105
0.874698	113.123	34988	5.267715	0.001355995
0.880993	115.766	35239.8	5.279215	0.00137947
0.887289	118.455	35491.6	5.290105	0.001402935
0.889649	119.469	35586	5.294025	0.00141169
0.890535	119.85	35621.4	5.29545	0.00141497
0.891862	120.423	35674.4	5.2975	0.00141989
0.89236	120.639	35694.4	5.29825	0.001421735
0.893107	120.962	35724.2	5.299345	0.001424505
0.894228	121.449	35769.2	5.30094	0.001428665
0.895908	122.183	35836.4	5.303225	0.00143492
0.898429	123.29	35937.2	5.306475	0.00144436
0.902211	124.967	36088.4	5.31104	0.00145864
0.907883	127.518	36315.4	5.31728	0.001480355
0.91001	128.48	36400.4	5.319435	0.001488485
0.913201	129.933	36528	5.322475	0.00150078
0.917987	132.139	36719.4	5.32661	0.001519425
0.925165	135.505	37006.6	5.33176	0.001547835
0.935934	140.692	37437.4	5.336985	0.001591365
0.939972	142.659	37598.8	5.335265	0.001607885

0.946029	145.664	37841.2	5.32624	0.00163436
0.9483	146.799	37932	5.321645	0.001644495
0.951708	148.521	38068.4	5.31291	0.00166043
0.956818	151.148	38272.8	5.29545	0.001686305
0.958735	152.139	38349.4	5.28773	0.001696245
0.96161	153.641	38464.4	5.274375	0.001711935
0.965922	155.925	38636.8	5.24945	0.001737515
0.97239	159.427	38895.6	5.19585	0.00178208
0.974816	160.753	38992.6	5.171465	0.00179964
0.975725	161.252	39029	5.1621	0.00180635
0.97709	162.005	39083.6	5.148485	0.0018167
0.979136	163.144	39165.4	5.128355	0.00183282
0.982206	164.876	39288.2	5.09712	0.001858255
0.983357	165.529	39334.2	5.08462	0.001867935
0.985084	166.516	39403.4	5.065035	0.001882855
0.987674	168.015	39507	5.032975	0.001906225
0.99156	170.305	39662.4	4.97601	0.001943825
0.997388	173.835	39895.6	4.85398	0.002008455
1	175.441	40000	4.77957	0.00203946

BENDA UJI 2

Time	Displacement	Force	Stress	Strain
0	0	0	0	0
0.01	0.009346	1000	0.467876	0
0.02	0.322648	2000	0.944962	0
0.035	1.243265	3500	1.654855	0
0.0575	2.093095	5750	2.71864	0
0.09125	3.344055	9125	4.284495	0.0000075166
0.141875	5.3518	14187.5	6.51659	0.00005111525
0.217812	8.92555	21781.2	9.069625	0.000183171
0.29375	13.49735	29375	11.36085	0.000367441
0.369687	19.3008	36968.8	14.03915	0.000589028
0.398164	21.7504	39816.4	15.17915	0.000674448
0.408843	22.71245	40884.2	15.63435	0.000706624
0.424861	24.23655	42486	16.354	0.00075568
0.448888	26.72335	44888.8	17.4997	0.000831256
0.484929	30.85155	48492.8	19.02925	0.000950643
0.498444	32.48005	49844.4	19.4763	0.000996217
0.518717	35.0408	51871.6	20.1014	0.00106736
0.549126	39.12155	54912.6	21.0723	0.00117965
0.579535	43.38855	57953.6	22.0472	0.00129734
0.609945	47.72785	60994.4	23.0217	0.001420915
0.621348	49.38845	62134.8	23.3842	0.00146789
0.638453	51.8915	63845.4	23.92635	0.00154081
0.644868	52.835	64486.8	24.12895	0.00156844
0.654489	54.243	65449	24.43105	0.001610845
0.658098	54.77	65809.8	24.54405	0.001626855

0.66351	55.5535	66351	24.713	0.00165121
0.665539	55.847	66554	24.7763	0.001660385
0.6663	55.957	66630	24.8	0.001663825
0.667442	56.121	66744.2	24.83555	0.00166901
0.669155	56.3665	66915.4	24.8889	0.00167682
0.671723	56.7315	67172.4	24.9687	0.001688615
0.672687	56.868	67268.6	24.9986	0.00169305
0.673048	56.919	67304.8	25.00985	0.001694715
0.67359	56.9955	67359	25.02665	0.001697215
0.673793	57.0245	67379.2	25.03295	0.001698155
0.674098	57.0675	67409.8	25.04245	0.00169956
0.674555	57.132	67455.4	25.0566	0.00170168
0.67524	57.2285	67524	25.07785	0.001704855
0.676269	57.3725	67627	25.1098	0.001709635
0.677812	57.588	67781.2	25.1576	0.00171684
0.680126	57.909	68012.6	25.22925	0.001727715
0.680994	58.029	68099.4	25.25605	0.001731805
0.682296	58.209	68229.6	25.29635	0.001737955
0.682784	58.2765	68278.4	25.31145	0.00174027
0.683517	58.3775	68351.6	25.33405	0.001743745
0.684615	58.5275	68461.6	25.368	0.00174897
0.685714	58.677	68571.4	25.40185	0.001754215
0.686812	58.827	68681.2	25.4358	0.00175948
0.68846	59.0505	68846	25.4866	0.00176741
0.690107	59.273	69010.8	25.5373	0.00177539
0.691755	59.497	69175.6	25.58805	0.00178341

0.692373	59.5805	69237.2	25.60705	0.001786425
0.6933	59.7065	69330	25.63555	0.001790965
0.693647	59.754	69364.8	25.6462	0.001792665
0.694169	59.825	69416.8	25.6622	0.001795225
0.694951	59.9305	69495	25.68625	0.00179908
0.696124	60.089	69612.4	25.7222	0.00180488
0.697883	60.3245	69788.4	25.7762	0.00181365
0.700522	60.679	70052.2	25.85695	0.00182697
0.704481	61.2115	70448.2	25.9779	0.00184735
0.705966	61.4115	70596.6	26.02315	0.001855045
0.708193	61.7125	70819.2	26.091	0.00186672
0.711533	62.159	71153.4	26.1926	0.001884585
0.716543	62.833	71654.4	26.34465	0.00191226
0.718422	63.086	71842.2	26.4016	0.001922755
0.721241	63.4655	72124	26.48685	0.001938815
0.725468	64.027	72546.8	26.61445	0.001963685
0.73181	64.886	73181	26.8052	0.002003025
0.734188	65.21	73418.8	26.87655	0.00201807
0.737755	65.697	73775.4	26.98335	0.0020414
0.743105	66.4215	74310.6	27.14315	0.002078275
0.751131	67.5045	75113.2	27.38235	0.002138585
0.759157	68.629	75915.6	27.62005	0.002205765
0.761163	68.8175	76116.4	27.67645	0.00222305
0.76317	69.046	76317	27.73505	0.0022408
0.766179	69.4255	76618	27.82305	0.002268605
0.767308	69.5725	76730.8	27.85595	0.0022792

0.769001	69.802	76900	27.9052	0.0022955
0.769636	69.8895	76963.6	27.9236	0.00230167
0.770588	70.022	77058.8	27.9512	0.00231106
0.772016	70.2245	77201.6	27.99255	0.002325465
0.773445	70.4275	77344.4	28.0336	0.002340205
0.774873	70.6365	77487.4	28.07475	0.002355275
0.777016	70.958	77701.6	28.13615	0.0023787
0.78023	71.4475	78023	28.22785	0.002415755
0.785051	72.197	78505	28.3641	0.002476025
0.792282	73.346	79228.2	28.5668	0.00257794
0.803129	75.147	80313	28.8653	0.00276058
0.807197	75.8635	80719.6	28.97455	0.002833685
0.813298	76.994	81329.8	29.13655	0.00295487
0.815586	77.425	81558.6	29.19645	0.003001985
0.816444	77.5875	81644.4	29.21875	0.003019895
0.816766	77.6485	81676.6	29.2271	0.00302665
0.816887	77.6715	81688.6	29.23025	0.00302918
0.817068	77.706	81706.8	29.23495	0.003033
0.817339	77.7575	81734	29.242	0.00303875
0.817746	77.835	81774.6	29.2524	0.003047435
0.818357	77.9525	81835.8	29.26735	0.003060595
0.819273	78.1285	81927.4	29.2909	0.003080635
0.820648	78.394	82064.8	29.3269	0.003111375
0.822709	78.796	82271	29.38125	0.00315902
0.825802	79.405	82580.2	29.4624	0.003234075
0.826961	79.634	82696.2	29.49255	0.003262715

0.827396	79.72	82739.6	29.50385	0.003273525
0.828049	79.8495	82804.8	29.52075	0.00328991
0.829027	80.0445	82902.6	29.54605	0.00331487
0.830495	80.337	83049.4	29.5839	0.003353185
0.832696	80.778	83269.6	29.6404	0.003412675
0.833522	80.944	83352.2	29.6614	0.003435255
0.83476	81.1935	83476	29.69285	0.00346979
0.835224	81.2875	83522.4	29.70455	0.00348283
0.835921	81.4285	83592	29.7221	0.003502605
0.836966	81.6405	83696.6	29.7484	0.00353276
0.838533	81.9595	83853.4	29.78765	0.003579105
0.840884	82.4515	84088.4	29.84595	0.0036512
0.84441	83.229	84441	29.9321	0.00376539
0.845733	83.5275	84573.2	29.9638	0.00380905
0.847716	83.986	84771.6	30.01105	0.00387661
0.84846	84.16	84846	30.02855	0.00390223
0.849576	84.424	84957.6	30.05465	0.003941335
0.85125	84.8255	85125	30.0934	0.004001575
0.851877	84.9775	85187.8	30.1078	0.004024385
0.852112	85.0345	85211.2	30.1131	0.004032965
0.852466	85.1205	85246.6	30.1212	0.00404591
0.852995	85.25	85299.6	30.1332	0.004065495
0.853789	85.445	85379	30.15115	0.004095255
0.854981	85.74	85498	30.1778	0.004140755
0.856768	86.188	85676.8	30.2173	0.00421102
0.859449	86.886	85944.8	30.27515	0.00432116

0.86347	87.9955	86347	30.35795	0.004497605
0.864978	88.4215	86497.8	30.3867	0.00456532
0.86724	89.079	86724	30.42795	0.00467074
0.870633	90.0985	87063.4	30.48575	0.004837875
0.875723	91.6935	87572.2	30.56755	0.005109615
0.877631	92.3025	87763.2	30.59445	0.005214385
0.880494	93.226	88049.4	30.63285	0.0053787
0.884788	94.6575	88478.8	30.6857	0.005641445
0.891229	96.9295	89123	30.7549	0.006072695
0.893645	97.802	89364.4	30.7738	0.00623939
0.894551	98.1325	89455	30.7798	0.006302615
0.895909	98.634	89591	30.78855	0.006399255
0.897947	99.3985	89794.8	30.8009	0.00654828
0.898712	99.687	89871.2	30.80475	0.00660468
0.899858	100.124	89985.8	30.81035	0.006690585
0.901578	100.788	90157.8	30.81825	0.006822395
0.904157	101.8	90415.8	30.82895	0.00702674
0.905125	102.1825	90512.4	30.8318	0.0071042
0.906575	102.762	90657.6	30.8358	0.007222515
0.908752	103.646	90875.2	30.84115	0.00740478
0.912016	105.002	91201.6	30.84785	0.007688865
0.913241	105.516	91324	30.8486	0.007796705
0.915077	106.2975	91507.8	30.84955	0.007961905
0.915766	106.593	91576.6	30.84935	0.008024265
0.916799	107.039	91679.8	30.849	0.00811891
0.918348	107.715	91834.8	30.8483	0.008263325

0.918929	107.9705	91892.8	30.84765	0.008317775
0.919801	108.357	91980	30.84665	0.008400225
0.921108	108.9425	92110.8	30.84505	0.00852564
0.923069	109.8325	92306.8	30.8426	0.008717645
0.92601	111.1935	92601	30.8386	0.009014245
0.930422	113.286	93042.2	30.8324	0.009477925
0.937041	116.562	93704	30.8236	0.010213555
0.939523	117.8405	93952.2	30.81535	0.01049384
0.943245	119.8365	94324.6	30.80425	0.0109267
0.94883	122.9745	94883	30.79075	0.01160225
0.950924	124.1915	95092.4	30.78275	0.0118582
0.954065	126.0345	95406.4	30.7729	0.01225015
0.955243	126.73	95524.2	30.76845	0.012398
0.957009	127.7815	95701	30.7624	0.01262215
0.95966	129.382	95966	30.7547	0.01296375
0.963635	131.799	96363.6	30.74635	0.01348745
0.967611	134.2635	96761	30.73995	0.0140211
0.971586	136.9155	97158.6	30.73535	0.01456365
0.977549	141.064	97755	30.7376	0.01539715
0.979785	142.674	97978.6	30.73715	0.01571085
0.980624	143.2935	98062.4	30.7366	0.0158286
0.981882	144.2345	98188.2	30.73665	0.0160061
0.982354	144.5905	98235.4	30.7366	0.0160727
0.983061	145.1265	98306.2	30.7368	0.01617285
0.984122	145.9245	98412.2	30.7376	0.01632365
0.98452	146.2235	98452	30.73775	0.0163802

0.98467	146.336	98467	30.73785	0.01640145
0.984894	146.5055	98489.4	30.73795	0.0164333
0.984977	146.569	98497.8	30.738	0.0164452
0.985103	146.664	98510.4	30.73805	0.01646315
0.985292	146.807	98529.2	30.7382	0.01649005
0.985576	147.0195	98557.6	30.7385	0.01653045
0.985682	147.099	98568.2	30.73865	0.01654565
0.985841	147.217	98584.2	30.7389	0.01656835
0.98608	147.3915	98608	30.7393	0.0166025
0.986439	147.6445	98643.8	30.74005	0.0166538
0.986977	148.0075	98697.6	30.74125	0.01673095
0.987784	148.531	98778.4	30.743	0.01684705
0.988994	149.2995	98899.4	30.74575	0.01702195
0.990809	150.4605	99081	30.7505	0.01728565
0.993532	152.259	99353.2	30.75955	0.0176839
0.994554	152.9475	99455.4	30.7628	0.0178333
0.996085	154.0005	99608.6	30.76855	0.0180581
0.998383	155.6185	99838.2	30.7788	0.018397
1	156.7705	100000	30.7865	0.01863595